

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060819\
 Data File : VN056091.D
 Acq On : 7 Jun 2019 11:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 08 05:09:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	312907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	455691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	411734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183209	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.02	65	157571	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
35) Dibromofluoromethane	7.59	113	142219	50.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.74%	
50) Toluene-d8	10.09	98	543139	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	12.40	95	185556	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	166862	48.551	ug/l 99
3) Chloromethane	2.06	50	174729	51.513	ug/l 99
4) Vinyl Chloride	2.18	62	173563	51.012	ug/l 99
5) Bromomethane	2.53	94	106877	49.727	ug/l 98
6) Chloroethane	2.68	64	97940	49.647	ug/l 98
7) Trichlorofluoromethane	3.00	101	212707	48.971	ug/l 100
8) Diethyl Ether	3.40	74	86614	48.490	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	135649	51.411	ug/l 98
10) Methyl Iodide	3.94	142	197077	47.001	ug/l 99
11) Tert butyl alcohol	4.82	59	131970	244.087	ug/l 99
12) 1,1-Dichloroethene	3.72	96	132949	50.612	ug/l 96
13) Acrolein	3.60	56	43776	280.736	ug/l 99
14) Allyl chloride	4.31	41	208018	50.151	ug/l 99
15) Acrylonitrile	4.99	53	367049	278.883	ug/l 99
16) Acetone	3.82	43	367869	247.567	ug/l 99
17) Carbon Disulfide	4.04	76	292104	46.443	ug/l 100
18) Methyl Acetate	4.33	43	162523	55.748	ug/l 99
19) Methyl tert-butyl Ether	5.05	73	424644	50.715	ug/l 99
20) Methylene Chloride	4.54	84	154468	50.457	ug/l 98
21) trans-1,2-Dichloroethene	5.03	96	140936	50.075	ug/l 97
22) Diisopropyl ether	5.95	45	439277	51.232	ug/l 99
23) Vinyl Acetate	5.90	43	1814991	268.798	ug/l 100
24) 1,1-Dichloroethane	5.84	63	252503	51.053	ug/l 99
25) 2-Butanone	6.84	43	515239	274.438	ug/l 100
26) 2,2-Dichloropropane	6.82	77	187462	48.573	ug/l 98
27) cis-1,2-Dichloroethene	6.82	96	166432	50.306	ug/l 98
28) Bromochloromethane	7.19	49	123183	52.666	ug/l 99
29) Tetrahydrofuran	7.22	42	315310	271.698	ug/l 99
30) Chloroform	7.37	83	254380	51.127	ug/l 99
31) Cyclohexane	7.65	56	231644	46.987	ug/l 97
32) 1,1,1-Trichloroethane	7.57	97	210327	50.622	ug/l 99
36) 1,1-Dichloropropene	7.79	75	192469	49.120	ug/l 99
37) Ethyl Acetate	6.93	43	191388	54.896	ug/l 99
38) Carbon Tetrachloride	7.77	117	179148	49.592	ug/l 97

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 QLast Update : Tue Jun 04 11:02:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	236882	48.531	ug/l	98
40) Benzene	8.04	78	601479	50.541	ug/l	100
41) Methacrylonitrile	7.17	41	84132	52.450	ug/l	89
42) 1,2-Dichloroethane	8.12	62	187701	49.033	ug/l	98
43) Isopropyl Acetate	8.17	43	294532	52.134	ug/l #	92
44) Trichloroethene	8.83	130	167384	48.947	ug/l	100
45) 1,2-Dichloropropane	9.12	63	157407	51.638	ug/l	99
46) Dibromomethane	9.21	93	102008	51.174	ug/l	98
47) Bromodichloromethane	9.40	83	183206	50.711	ug/l	100
48) Methyl methacrylate	9.20	41	148909	53.876	ug/l	96
49) 1,4-Dioxane	9.20	88	64058	1073.550	ug/l	99
51) 4-Methyl-2-Pentanone	9.99	43	955041	270.326	ug/l	100
52) Toluene	10.15	92	378584	51.123	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	195988	46.449	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	230709	53.127	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	152650	52.039	ug/l	98
56) Ethyl methacrylate	10.43	69	226466	52.919	ug/l	99
57) 1,3-Dichloropropane	10.71	76	250174	52.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	406157	240.005	ug/l	100
59) 2-Hexanone	10.75	43	681680	266.221	ug/l	99
60) Dibromochloromethane	10.90	129	151204	46.896	ug/l	100
61) 1,2-Dibromoethane	11.00	107	158148	52.737	ug/l	100
64) Tetrachloroethene	10.63	164	167634	47.035	ug/l	98
65) Chlorobenzene	11.43	112	405009	49.425	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	145191	51.315	ug/l	100
67) Ethyl Benzene	11.51	91	705631	49.523	ug/l	99
68) m/p-Xylenes	11.62	106	539812	99.173	ug/l	99
69) o-Xylene	11.95	106	265821	49.647	ug/l	100
70) Styrene	11.96	104	442654	52.034	ug/l	99
71) Bromoform	12.13	173	106358	45.061	ug/l #	99
73) Isopropylbenzene	12.25	105	701096	53.874	ug/l	100
74) N-amyl acetate	12.07	43	245194	50.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.50	83	210402	49.471	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	245212	72.739	ug/l #	100
77) Bromobenzene	12.53	156	188067	47.946	ug/l	97
78) n-propylbenzene	12.59	91	752202	48.531	ug/l	100
79) 2-Chlorotoluene	12.67	91	456981	53.309	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	579327	47.030	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	50869	50.251	ug/l	90
82) 4-Chlorotoluene	12.77	91	443804	48.943	ug/l	100
83) tert-Butylbenzene	12.99	119	504682	52.966	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	571406	48.916	ug/l	99
85) sec-Butylbenzene	13.17	105	653784	47.631	ug/l	100
86) p-Isopropyltoluene	13.29	119	596313	48.542	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	300362	49.476	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	288309	49.369	ug/l	100
89) n-Butylbenzene	13.61	91	456160	50.127	ug/l	100
90) Hexachloroethane	13.87	117	88102	47.556	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	299363	48.842	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32051	52.688	ug/l	97

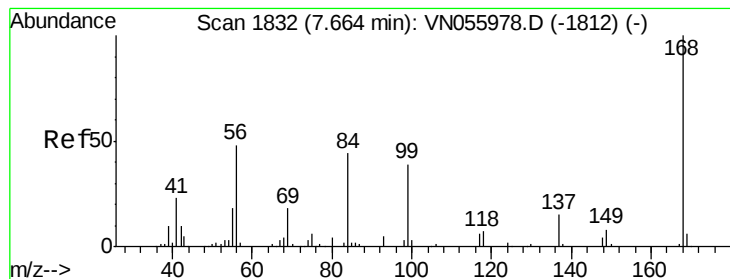
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QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	146059	43.821	ug/l	99
94) Hexachlorobutadiene	15.01	225	107663	51.268	ug/l	98
95) Naphthalene	15.13	128	388372	44.757	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	157429	45.994	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

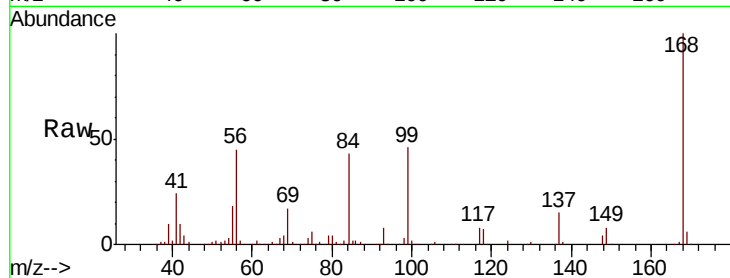
VSTDCCC050

Tot Ion:168 Resp: 312907

Ion Ratio Lower Upper

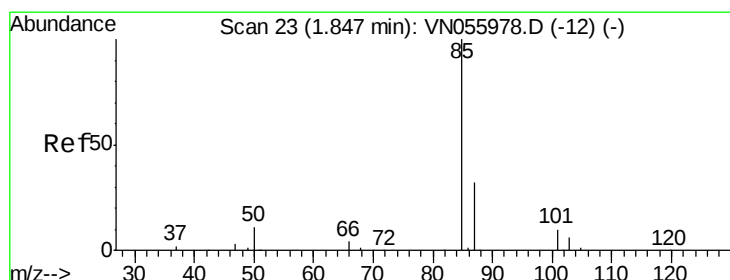
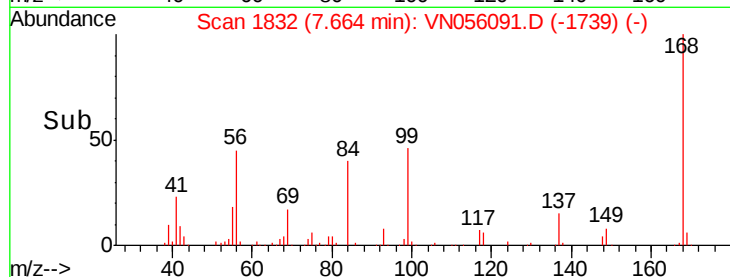
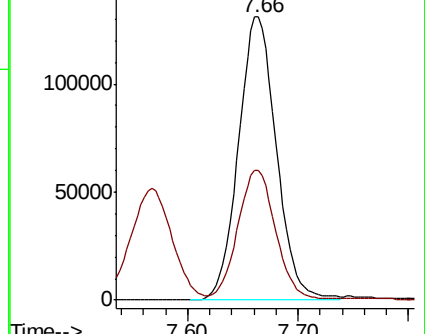
168 100

99 45.2 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 48.551 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056091.D

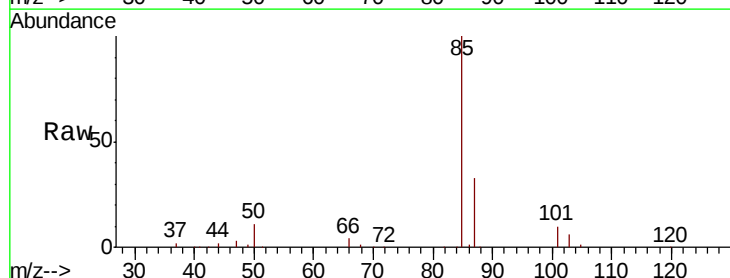
Acq: 7 Jun 2019 11:25

Tgt Ion: 85 Resp: 166862

Ion Ratio Lower Upper

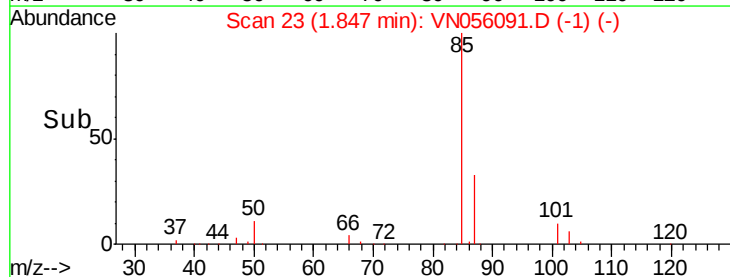
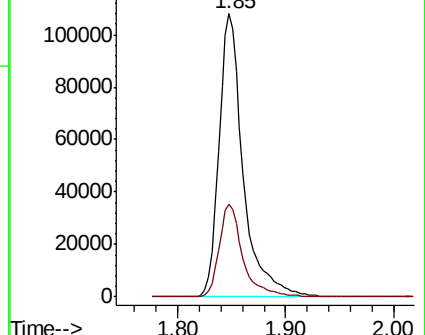
85 100

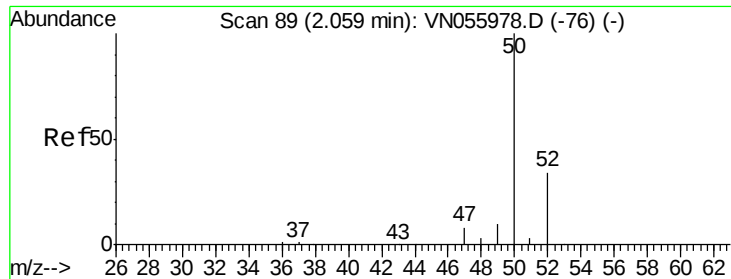
87 32.6 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 51.513 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

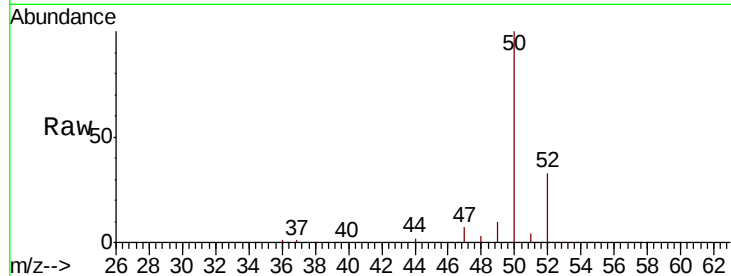
VSTDCCC050

Tot Ion: 50 Resp: 174729

Ion Ratio Lower Upper

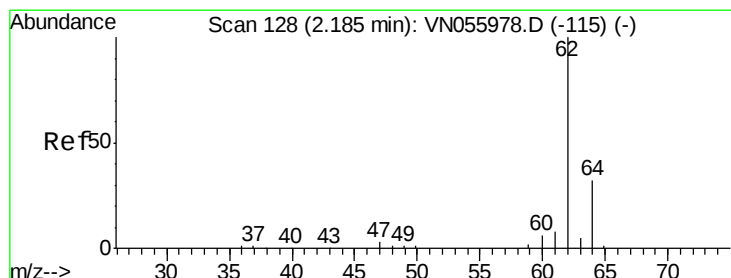
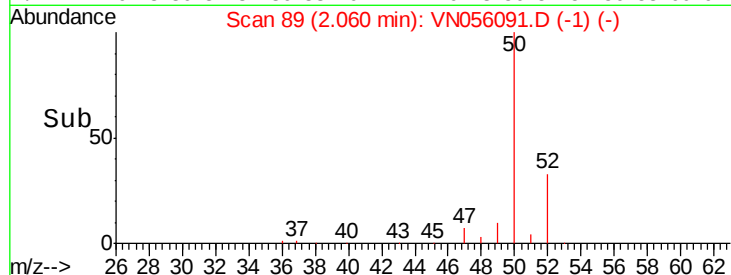
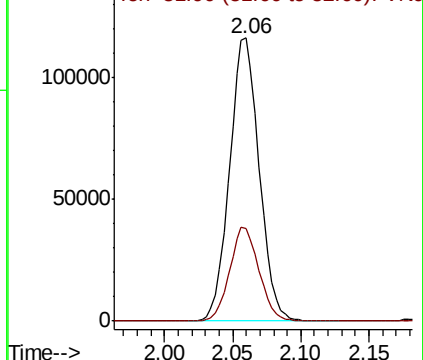
50 100

52 32.8 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 51.012 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056091.D

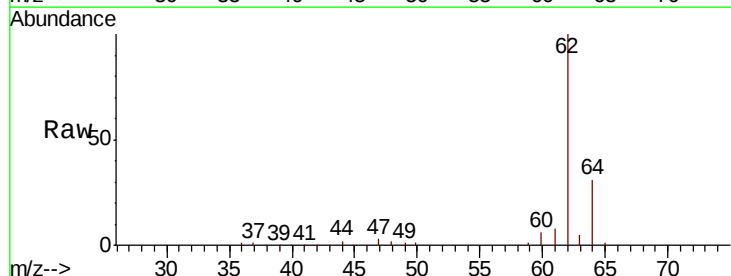
Acq: 7 Jun 2019 11:25

Tgt Ion: 62 Resp: 173563

Ion Ratio Lower Upper

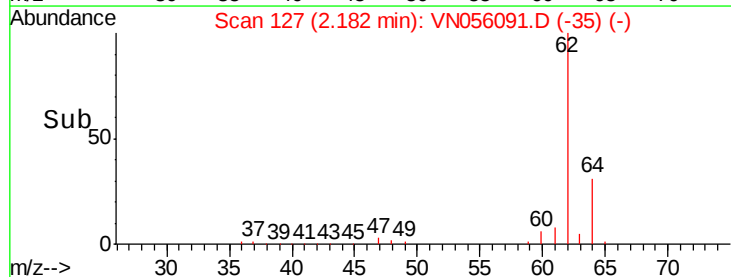
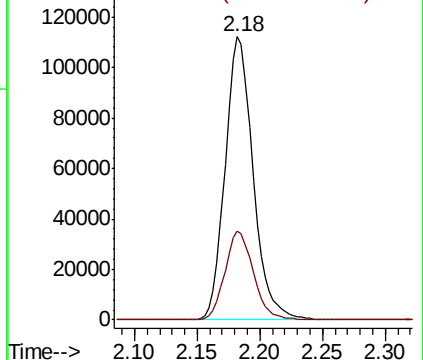
62 100

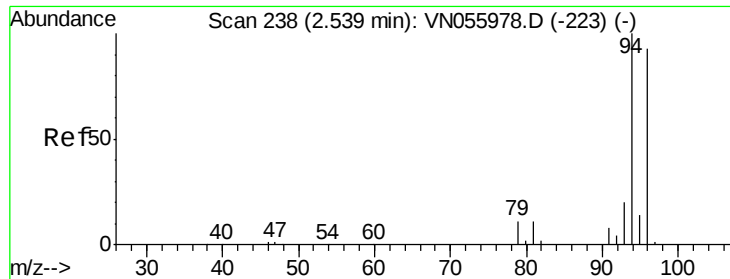
64 31.3 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

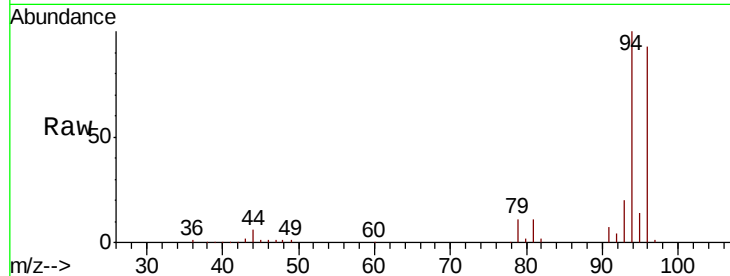




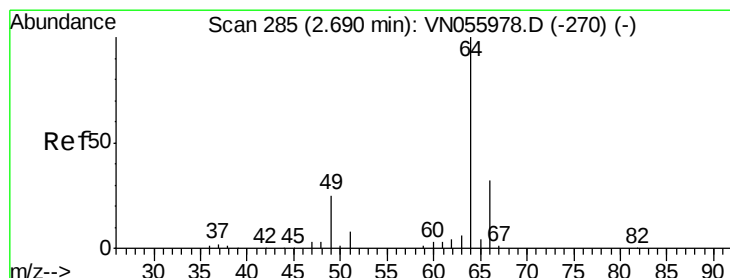
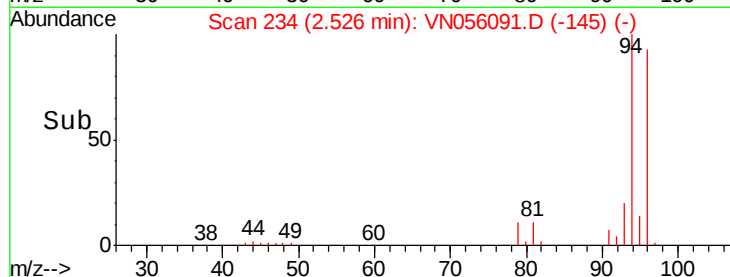
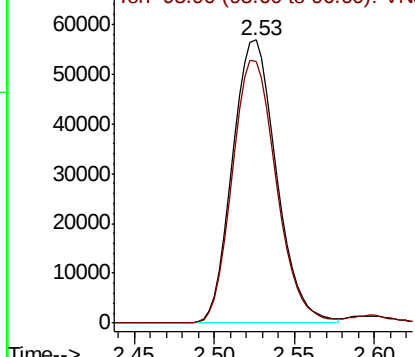
#5
Bromomethane
Concen: 49.727 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 94 Resp: 106877
Ion Ratio Lower Upper
94 100
96 92.6 75.5 113.3

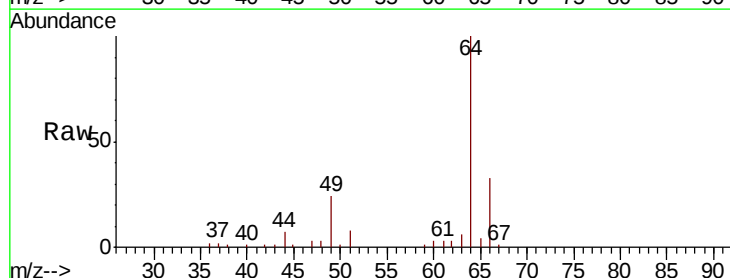


Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0

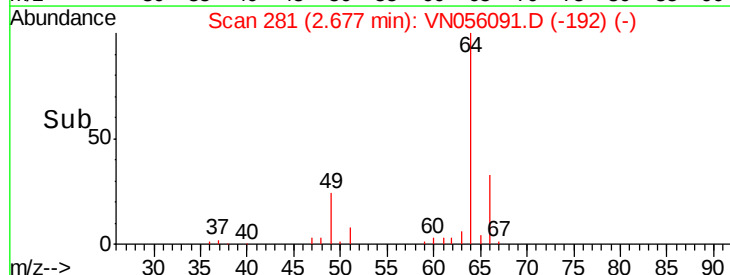
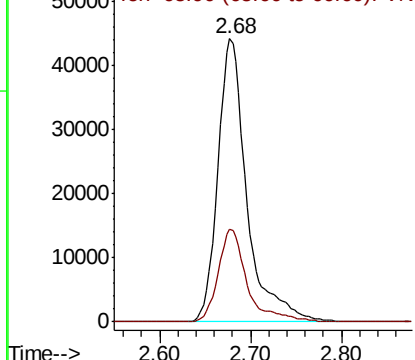


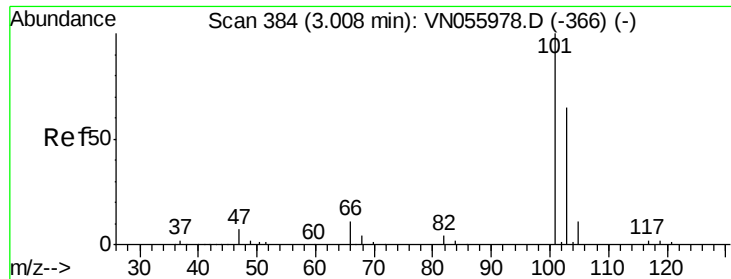
#6
Chloroethane
Concen: 49.647 ug/l
RT: 2.68 min Scan# 281
Delta R.T. -0.01 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 64 Resp: 97940
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



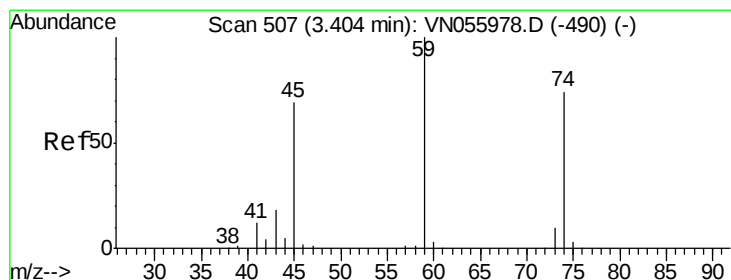
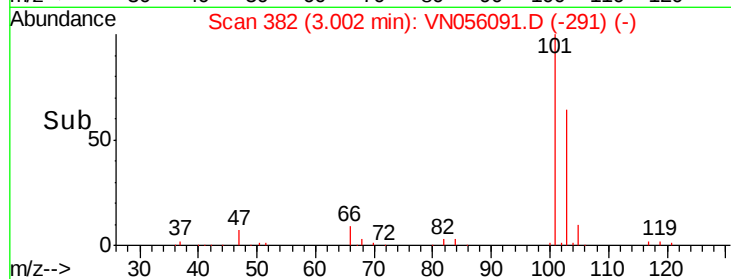
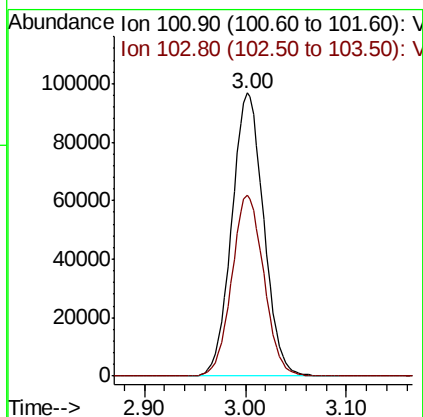
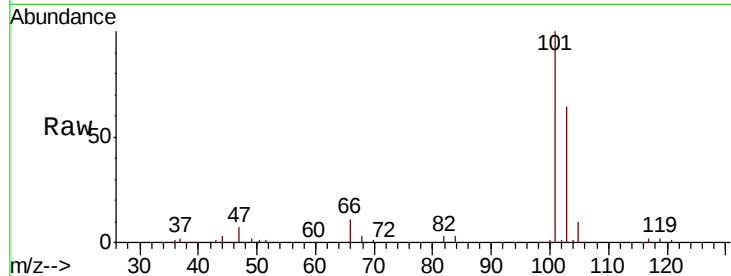


#7

Trichlorofluoromethane
 Concen: 48.971 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
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 VSTDCCC050

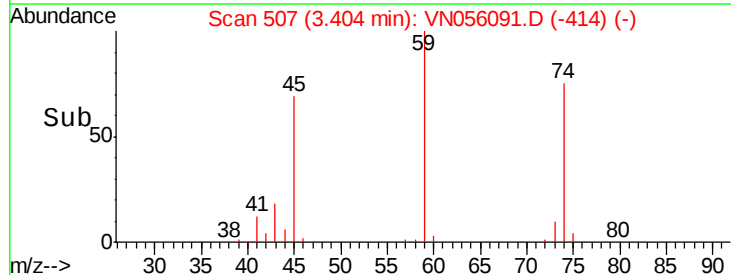
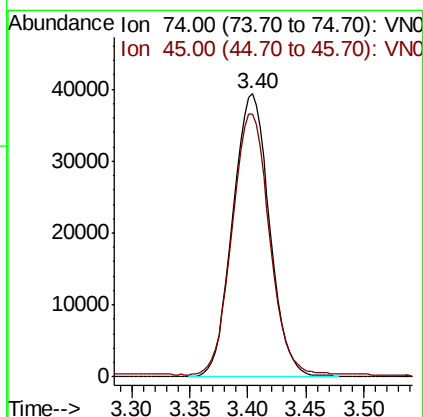
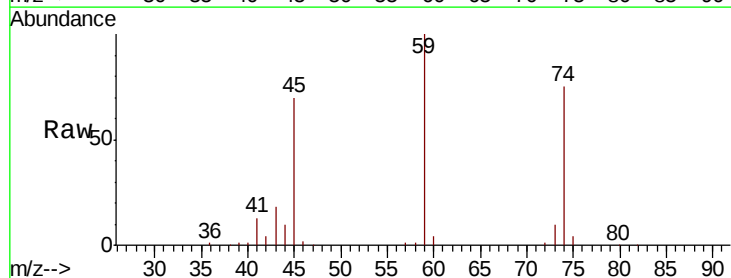
Tot Ion:101 Resp: 212707
 Ion Ratio Lower Upper
 101 100
 103 63.9 51.2 76.8

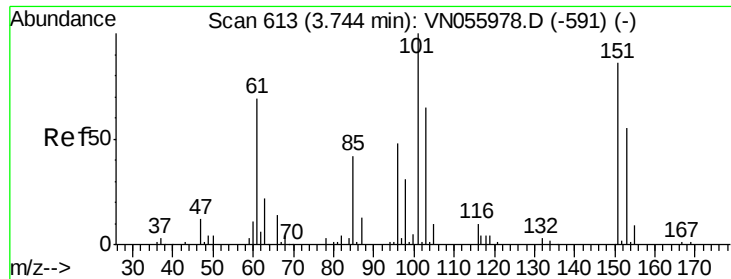


#8

Diethyl Ether
 Concen: 48.490 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion: 74 Resp: 86614
 Ion Ratio Lower Upper
 74 100
 45 93.2 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.411 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

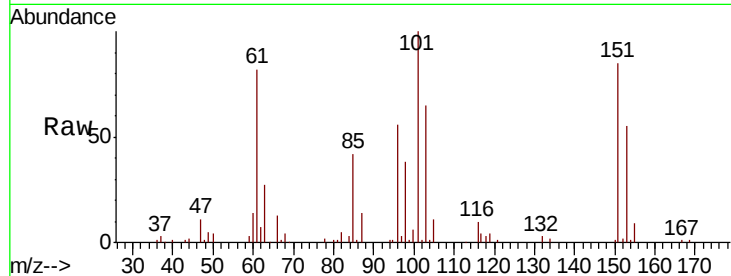
Tot Ion:101 Resp: 135649

Ion Ratio Lower Upper

101 100

85 40.2 33.4 50.2

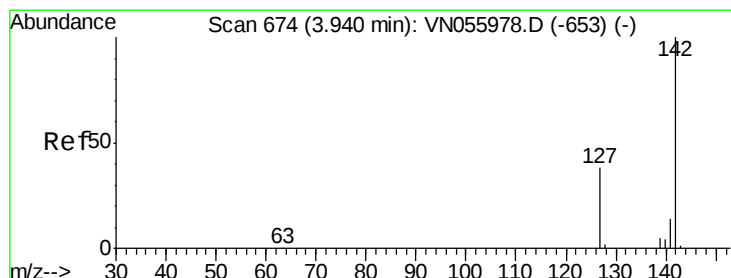
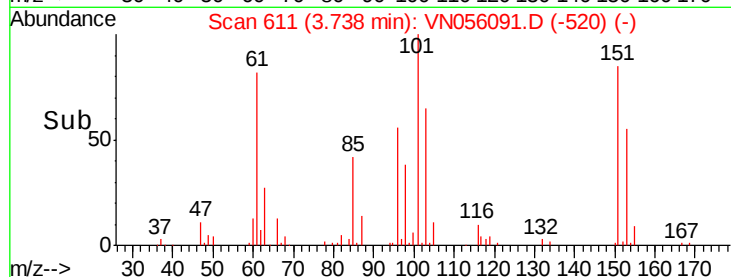
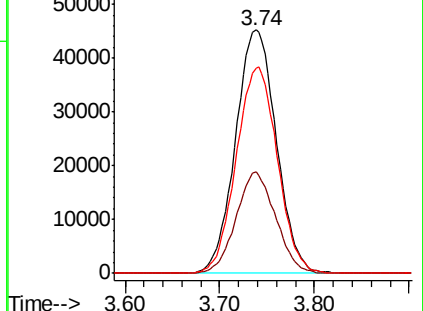
151 85.4 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.001 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

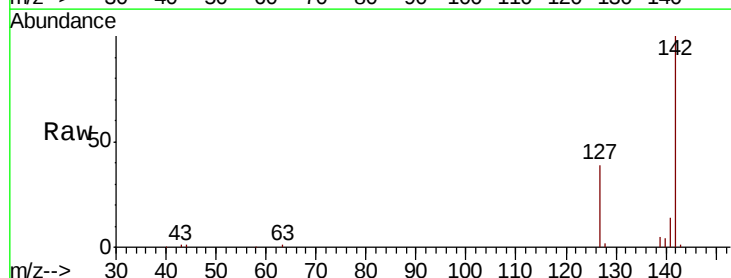
Tgt Ion:142 Resp: 197077

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

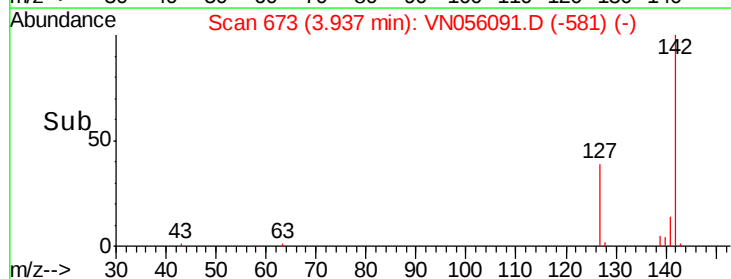
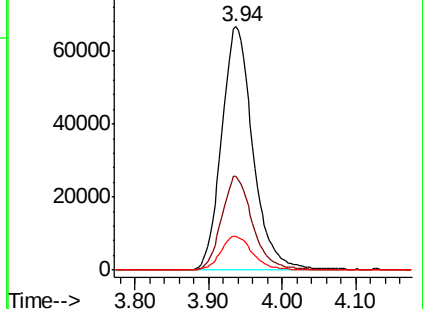
141 14.2 11.4 17.0

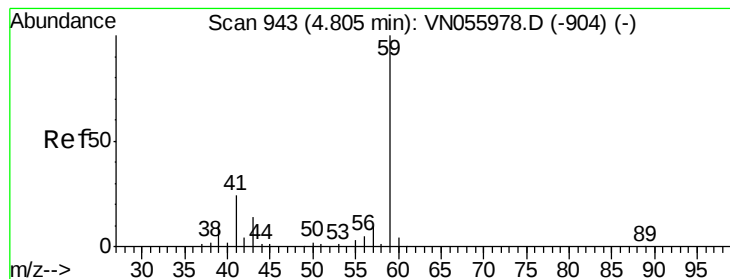


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



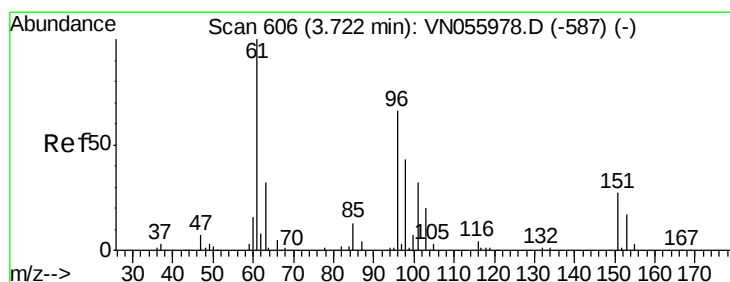
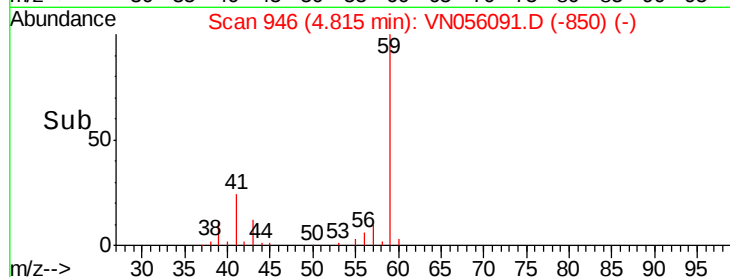
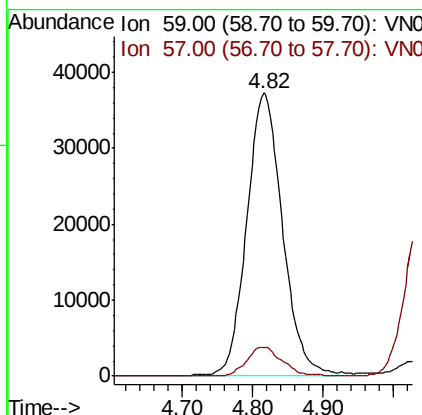
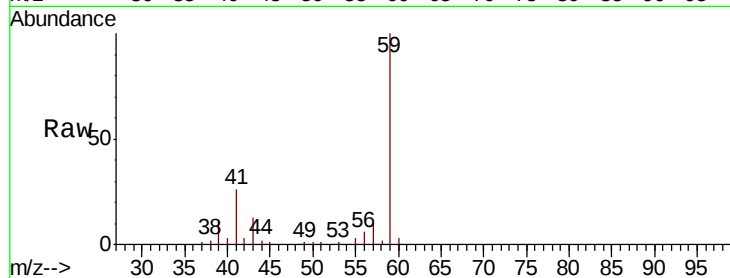


#11

Tert butyl alcohol
 Concen: 244.087 ug/l
 RT: 4.82 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

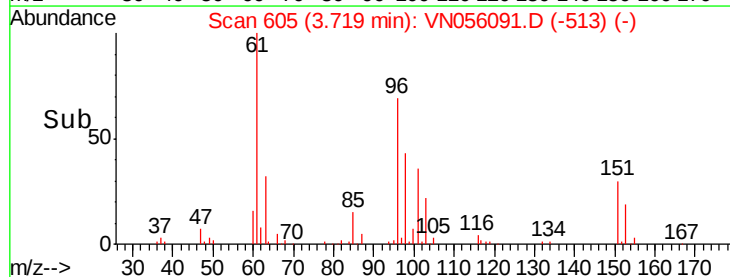
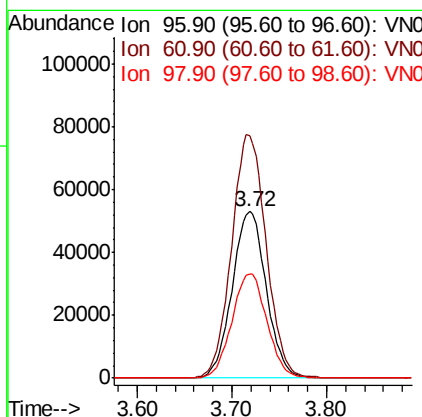
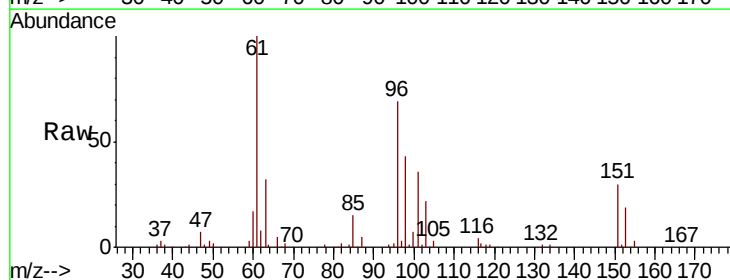
Tot Ion: 59 Resp: 131970
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

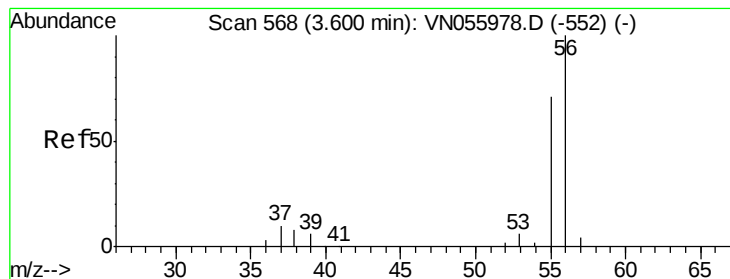


#12

1,1-Dichloroethene
 Concen: 50.612 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion: 96 Resp: 132949
 Ion Ratio Lower Upper
 96 100
 61 145.9 123.2 184.8
 98 62.9 50.4 75.6





#13

Acrolein

Concen: 280.736 ug/l

RT: 3.60 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

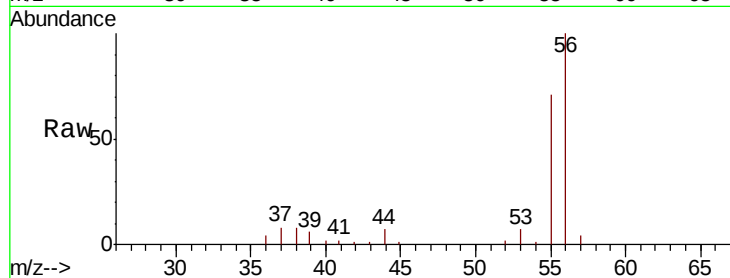
VSTDCCC050

Tot Ion: 56 Resp: 43776

Ion Ratio Lower Upper

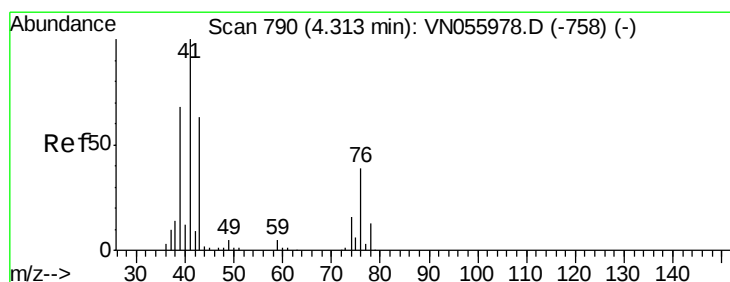
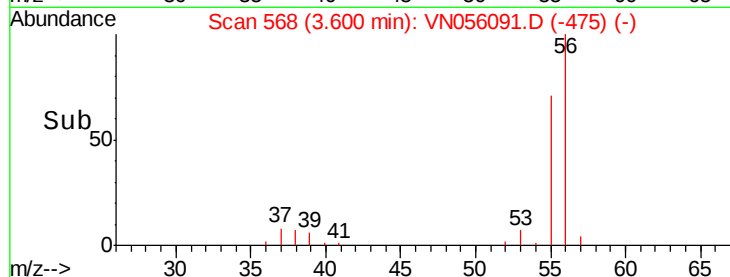
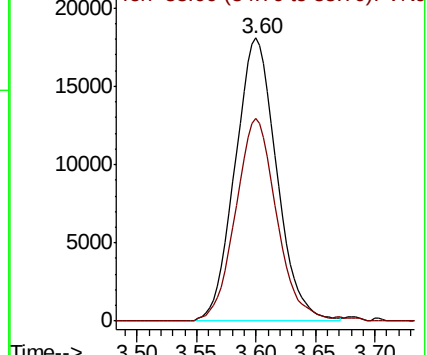
56 100

55 70.4 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 50.151 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

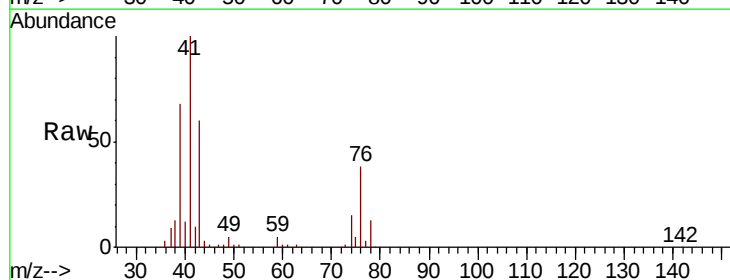
Tgt Ion: 41 Resp: 208018

Ion Ratio Lower Upper

41 100

39 62.4 50.0 75.0

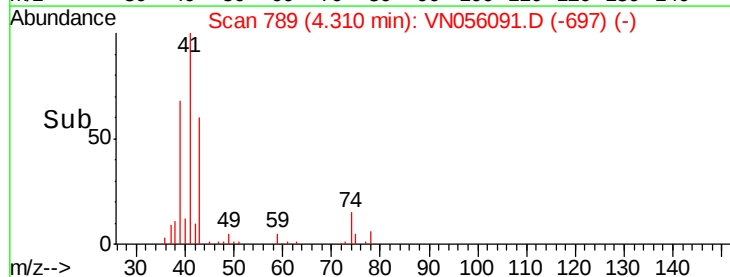
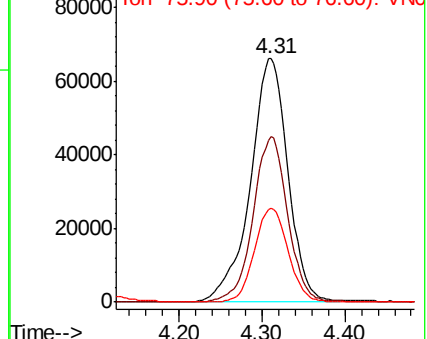
76 34.5 28.2 42.2

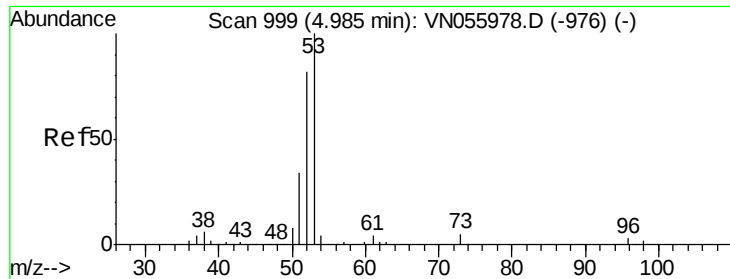


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 278.883 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

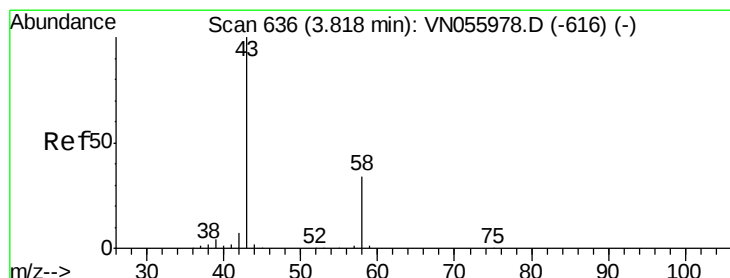
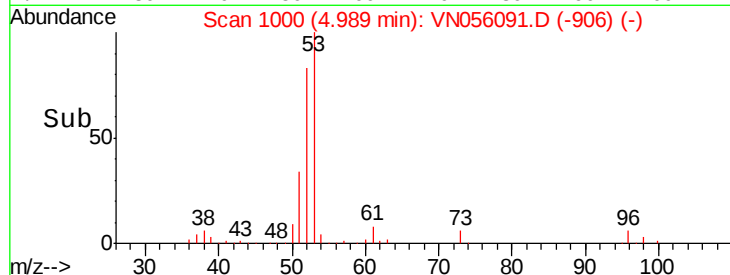
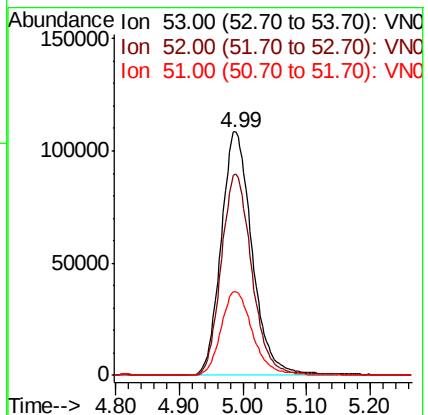
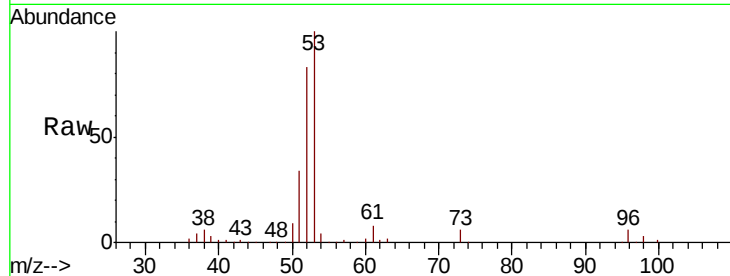
Tot Ion: 53 Resp: 367049

Ion Ratio Lower Upper

53 100

52 81.7 65.8 98.8

51 35.1 28.2 42.4



#16

Acetone

Concen: 247.567 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN056091.D

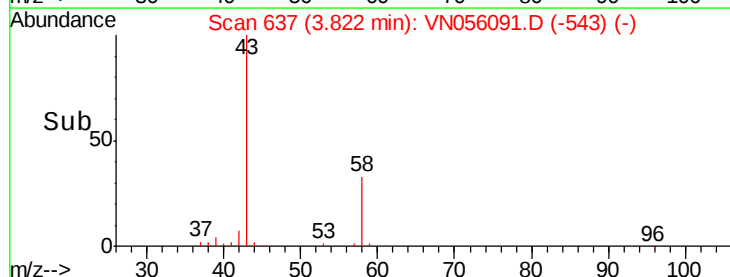
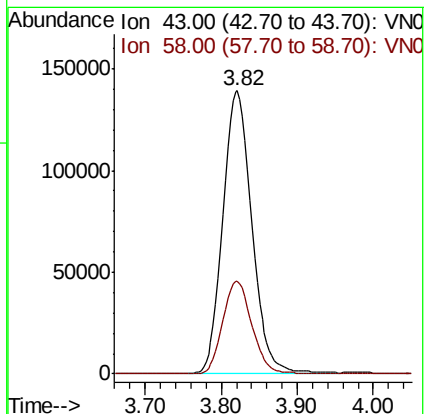
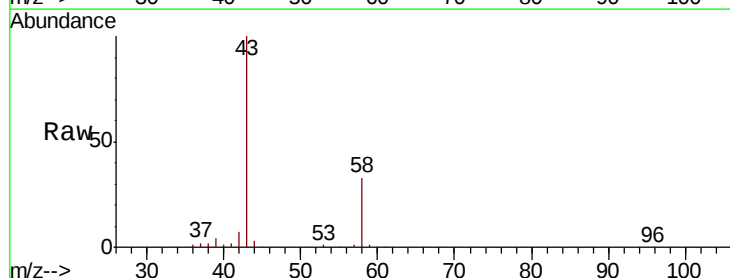
Acq: 7 Jun 2019 11:25

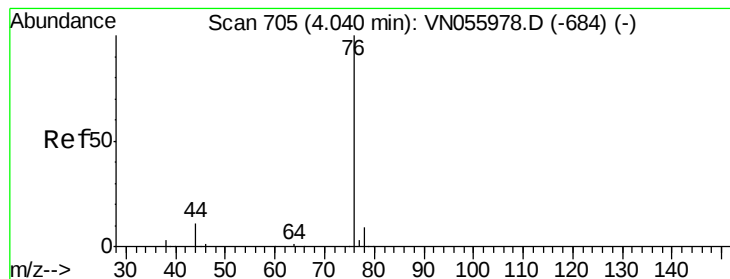
Tgt Ion: 43 Resp: 367869

Ion Ratio Lower Upper

43 100

58 32.8 26.6 39.8





#17

Carbon Disulfide

Concen: 46.443 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

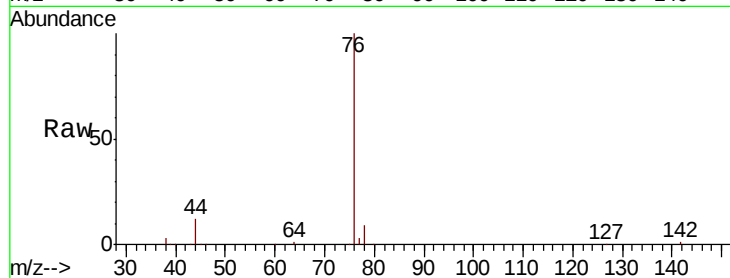
VSTDCCC050

Tot Ion: 76 Resp: 292104

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VN055978.D (-684) (-)

Ion 77.90 (77.60 to 78.60): VN055978.D (-684) (-)

4.04

100000

80000

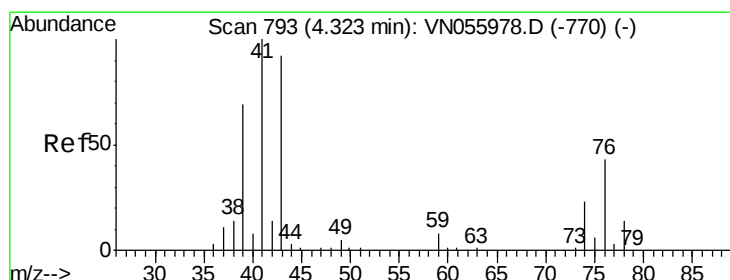
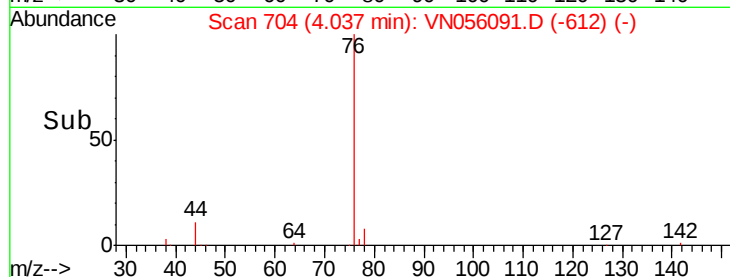
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 55.748 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056091.D

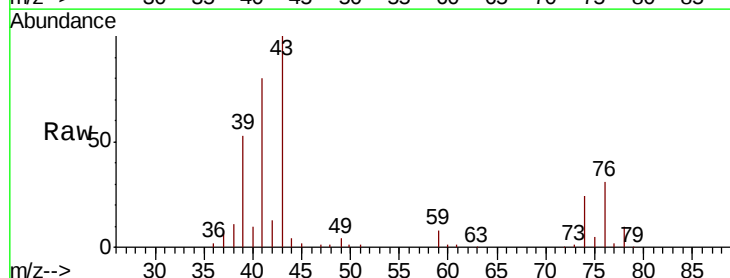
Acq: 7 Jun 2019 11:25

Tgt Ion: 43 Resp: 162523

Ion Ratio Lower Upper

43 100

74 24.5 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-770) (-)

Ion 74.00 (73.70 to 74.70): VN055978.D (-770) (-)

4.33

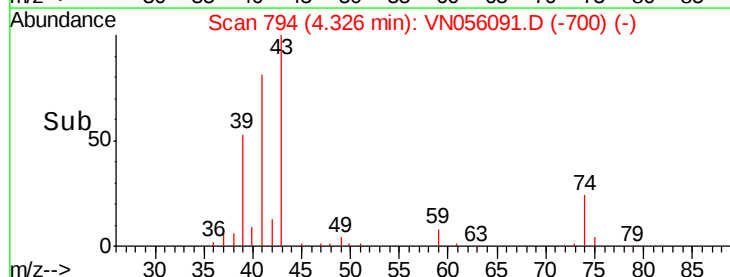
60000

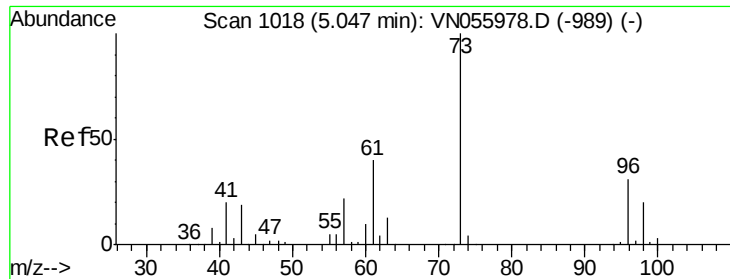
40000

20000

0

Time-->

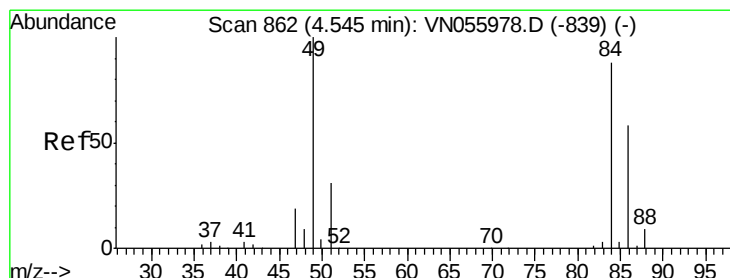
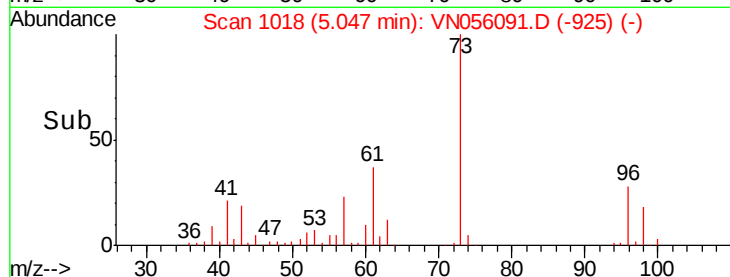
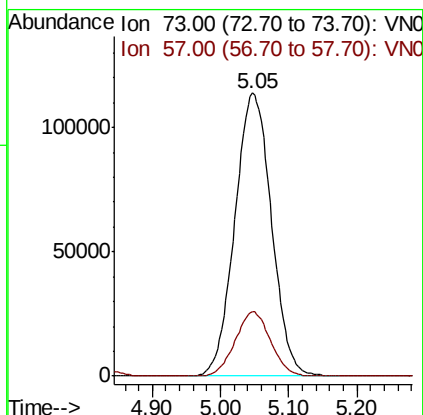
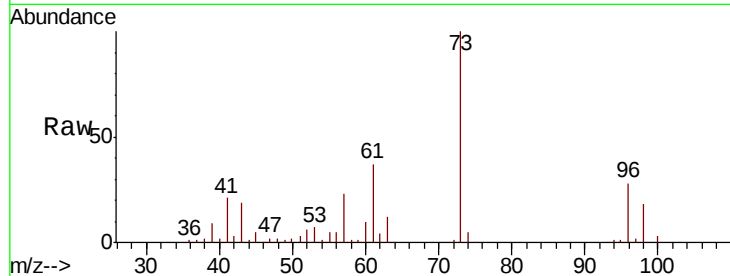




#19
Methvl tert-butvl Ether
Concen: 50.715 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

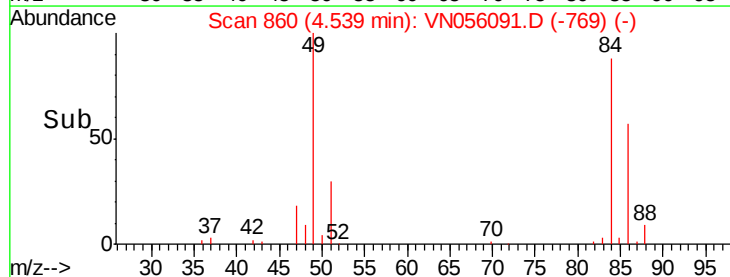
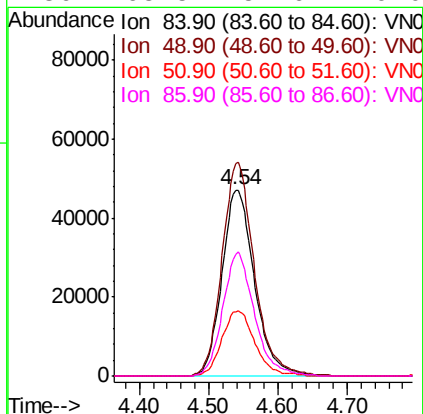
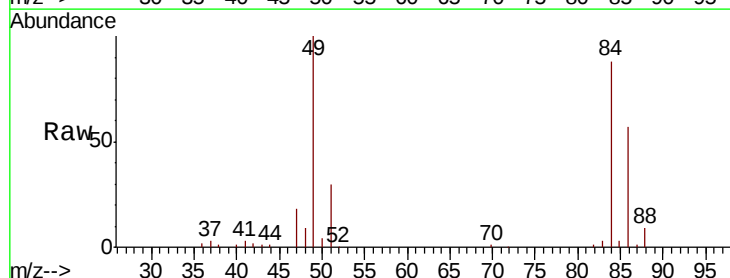
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

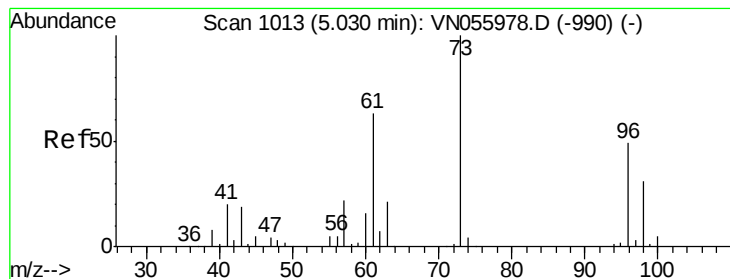
Tot Ion: 73 Resp: 424644
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8



#20
Methylene Chloride
Concen: 50.457 ug/l
RT: 4.54 min Scan# 860
Delta R.T. -0.01 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 84 Resp: 154468
Ion Ratio Lower Upper
84 100
49 114.1 93.5 140.3
51 34.7 28.6 43.0
86 65.5 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 50.075 ug/l

RT: 5.03 min Scan# 1013

Delta R.T. 0.00 min

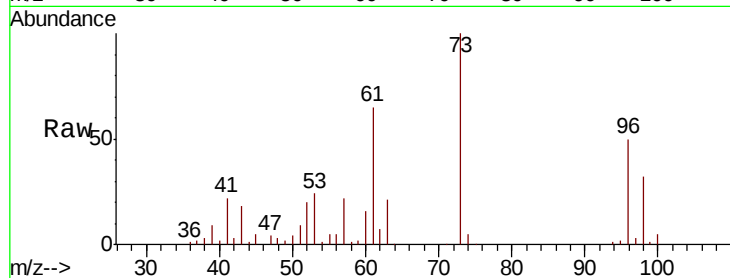
Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 96 Resp: 140936

Ion	Ratio	Lower	Upper
96	100		
61	130.2	107.8	161.8
98	63.7	49.8	74.8

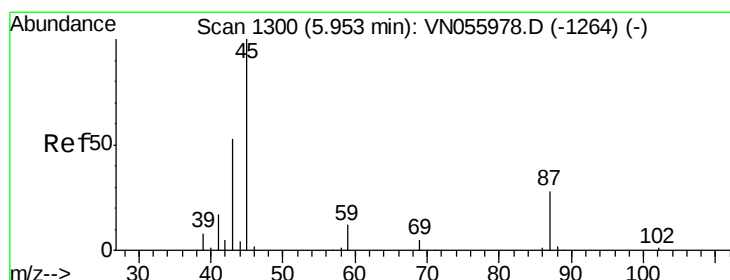
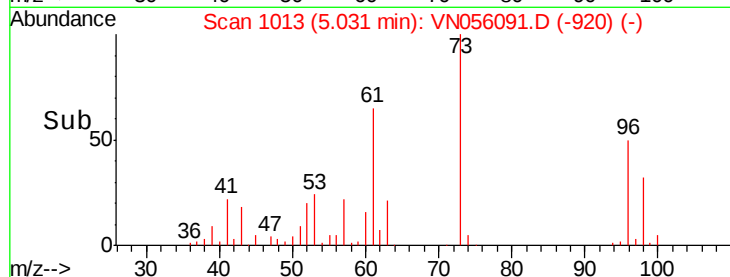
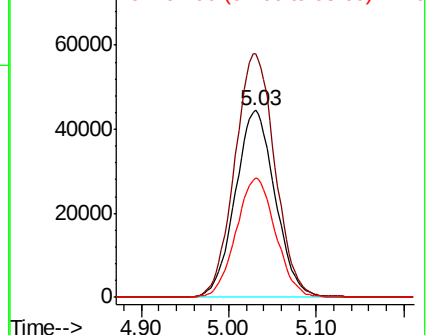


Abundance

Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO



#22

Diisopropyl ether

Concen: 51.232 ug/l

RT: 5.95 min Scan# 1300

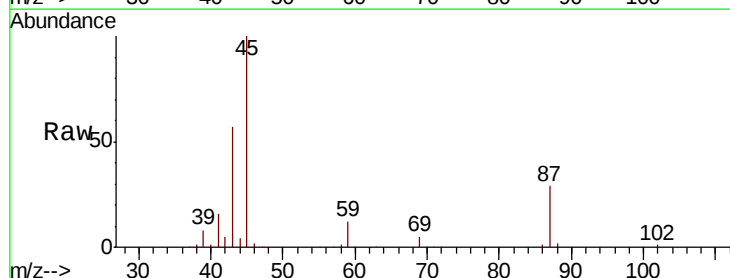
Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion: 45 Resp: 439277

Ion	Ratio	Lower	Upper
45	100		
43	56.0	45.0	67.6
87	28.8	22.2	33.4
59	11.6	9.1	13.7



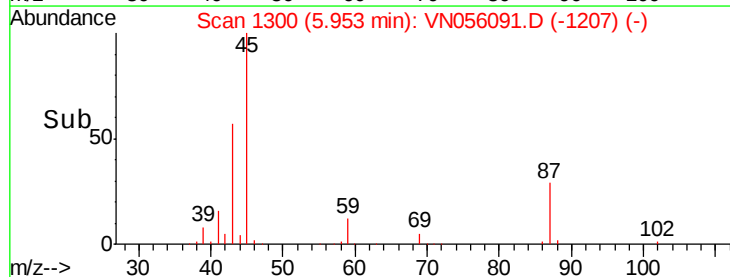
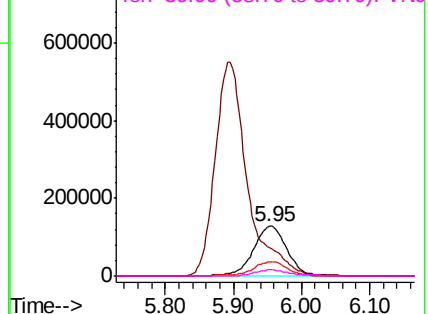
Abundance

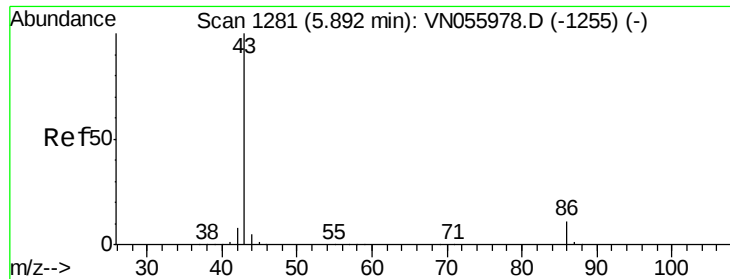
Ion 45.00 (44.70 to 45.70): VNO

Ion 43.00 (42.70 to 43.70): VNO

Ion 87.00 (86.70 to 87.70): VNO

Ion 59.00 (58.70 to 59.70): VNO





#23

Vinyl Acetate

Concen: 268.798 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

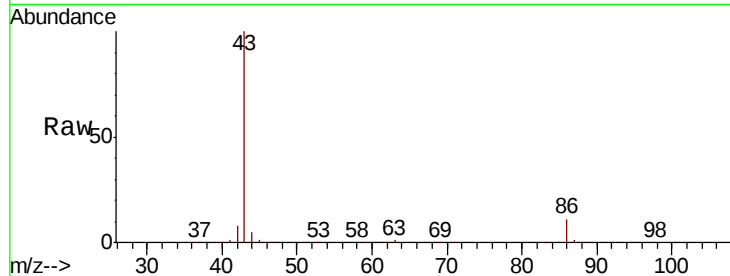
VSTDCCC050

Tot Ion: 43 Resp: 1814991

Ion Ratio Lower Upper

43 100

86 11.0 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1255) (-)

Ion 86.00 (85.70 to 86.70): VN055978.D (-1255) (-)

5.90

600000

500000

400000

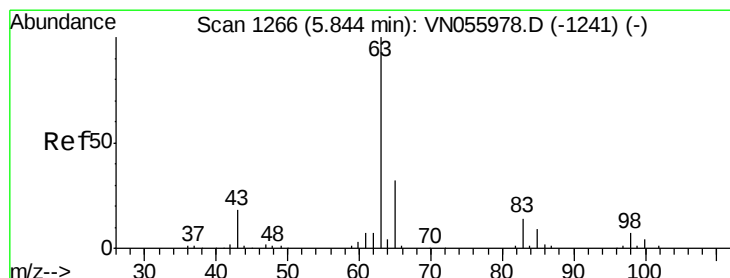
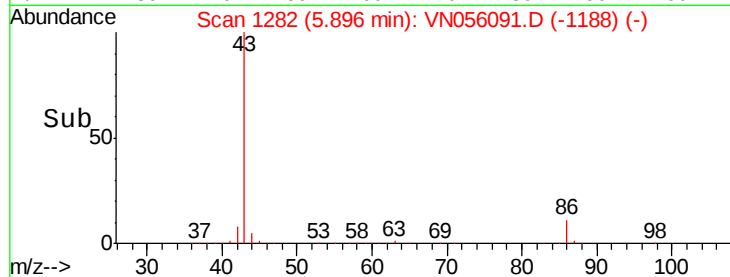
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 51.053 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

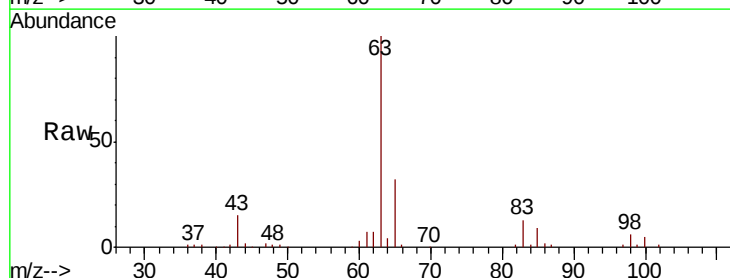
Tgt Ion: 63 Resp: 252503

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.1

100 4.7 2.2 6.6



Abundance Ion 62.90 (62.60 to 63.60): VN055978.D (-1241) (-)

Ion 97.90 (97.60 to 98.60): VN055978.D (-1241) (-)

Ion 99.90 (99.60 to 100.60): VN055978.D (-1241) (-)

100000

80000

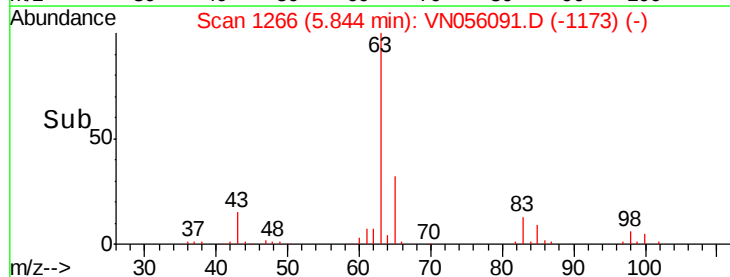
60000

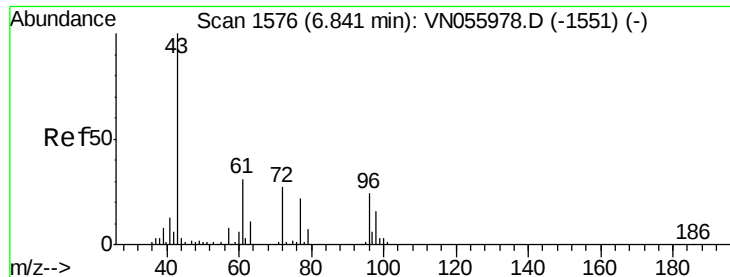
40000

20000

0

Time-->





#25

2-Butanone

Concen: 274.438 ug/l

RT: 6.84 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

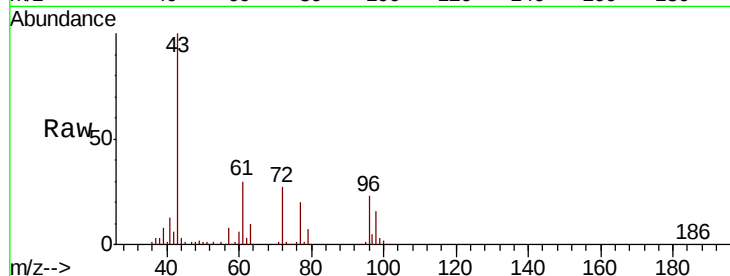
VSTDCCC050

Tot Ion: 43 Resp: 515239

Ion Ratio Lower Upper

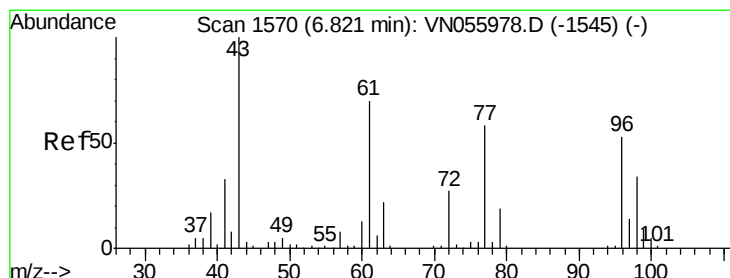
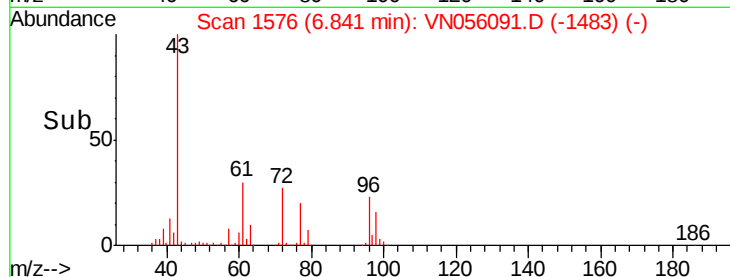
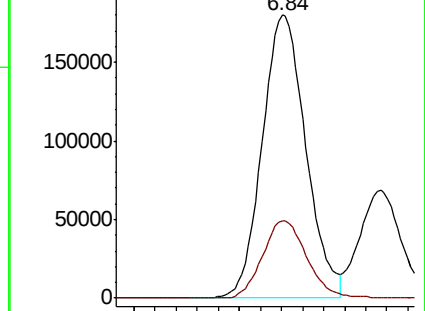
43 100

72 27.3 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN055978.D (-1551) (-)



#26

2,2-Dichloropropane

Concen: 48.573 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN056091.D

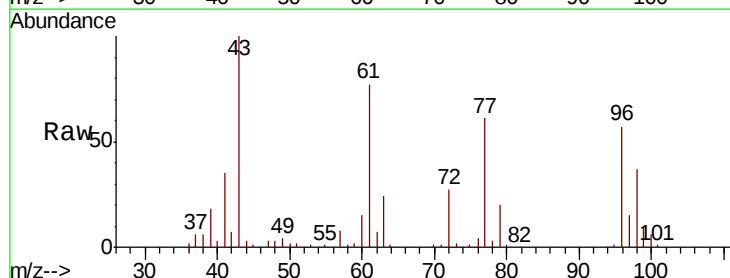
Acq: 7 Jun 2019 11:25

Tgt Ion: 77 Resp: 187462

Ion Ratio Lower Upper

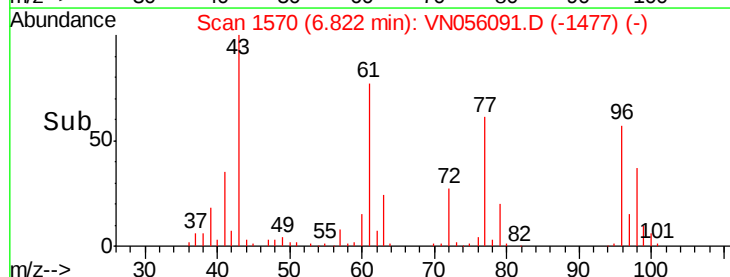
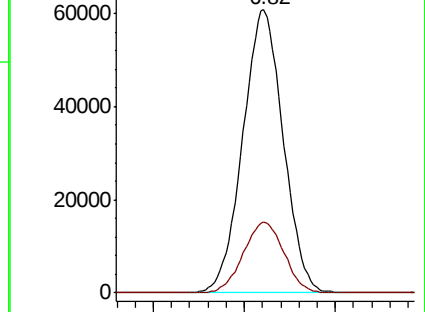
77 100

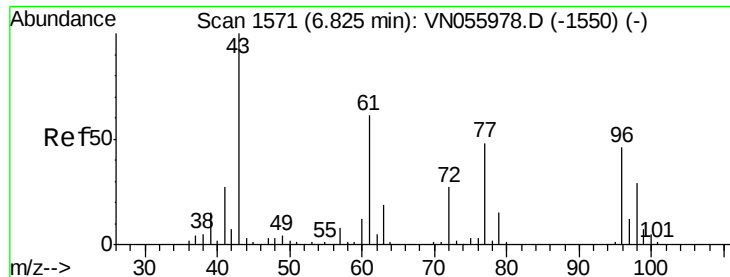
97 25.2 12.2 36.6



Abundance Ion 76.90 (76.60 to 77.60): VN055978.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN055978.D (-1545) (-)





#27

cis-1,2-Dichloroethene

Concen: 50.306 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

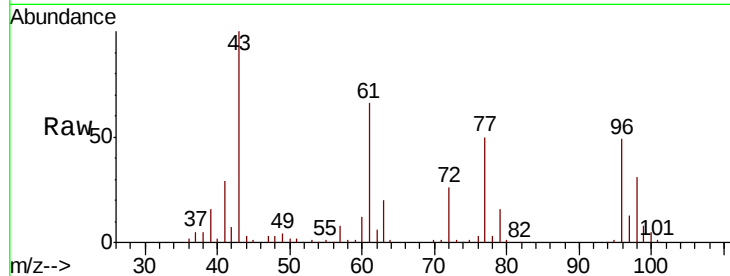
Tot Ion: 96 Resp: 166432

Ion Ratio Lower Upper

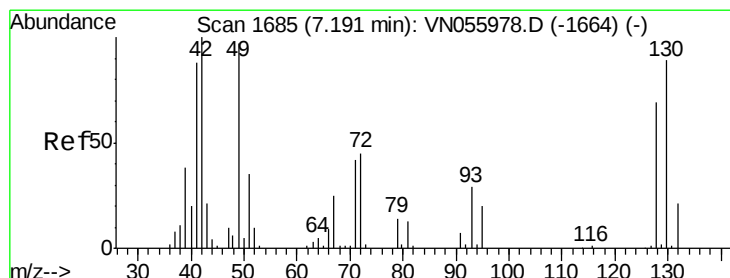
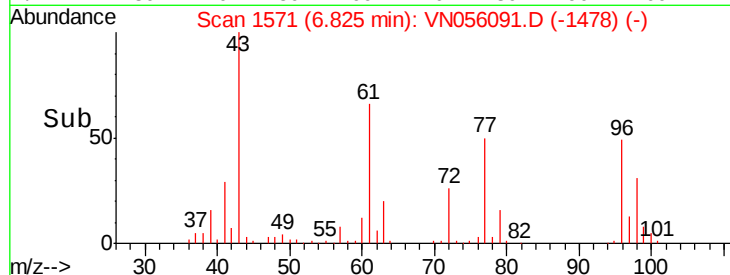
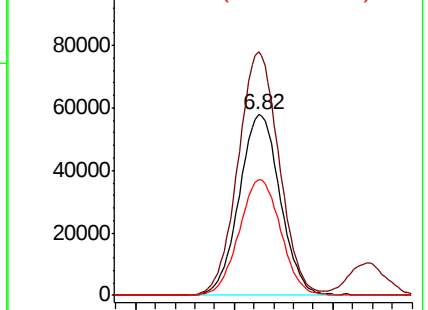
96 100

61 135.0 0.0 275.8

98 65.2 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 52.666 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

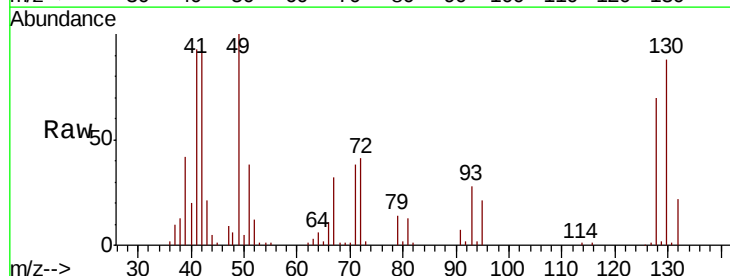
Tgt Ion: 49 Resp: 123183

Ion Ratio Lower Upper

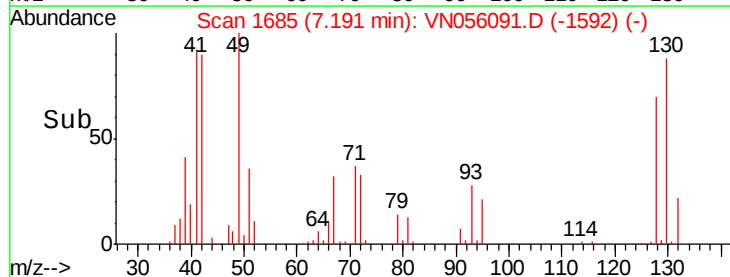
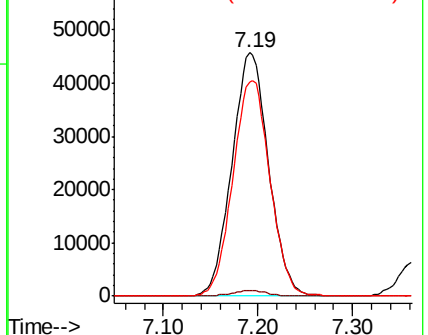
49 100

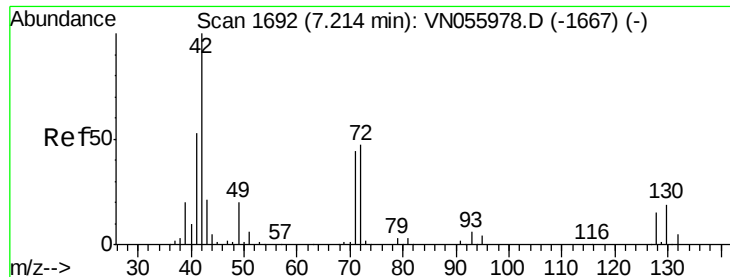
129 2.0 0.0 4.4

130 89.5 71.2 106.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

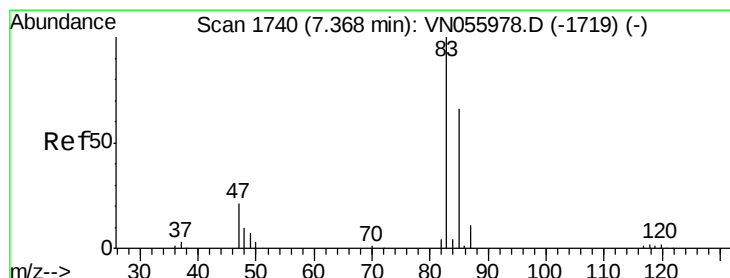
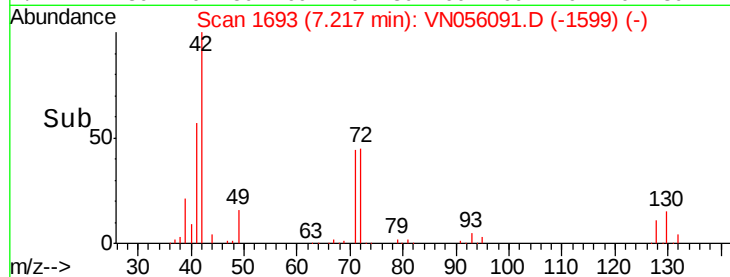
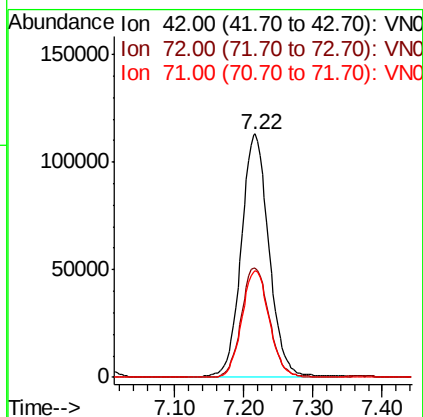
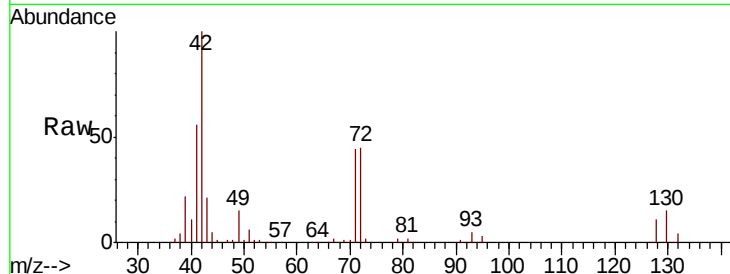




#29
Tetrahydrofuran
Concen: 271.698 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

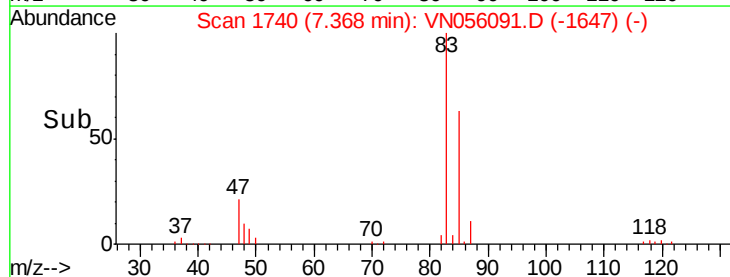
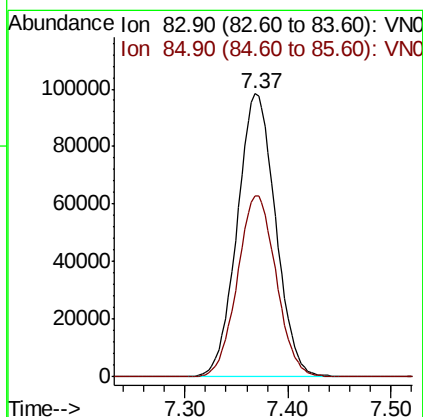
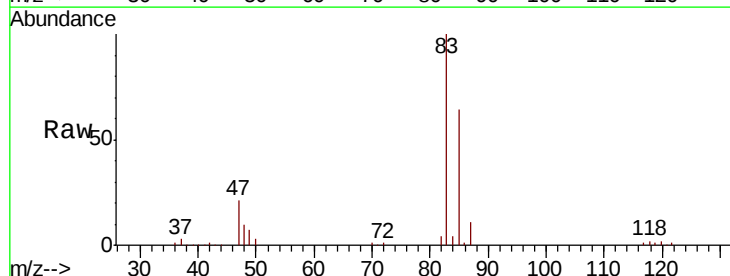
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

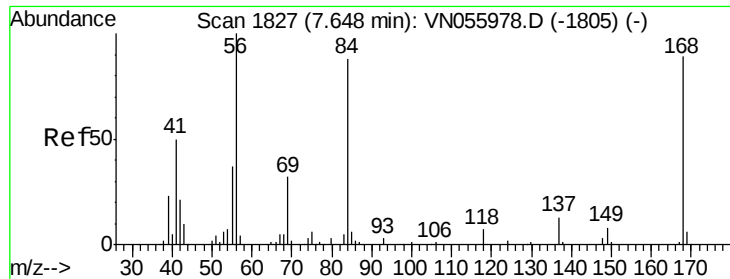
Tot Ion: 42 Resp: 315310
Ion Ratio Lower Upper
42 100
72 45.3 35.9 53.9
71 43.0 34.0 51.0



#30
Chloroform
Concen: 51.127 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 83 Resp: 254380
Ion Ratio Lower Upper
83 100
85 63.7 51.8 77.8

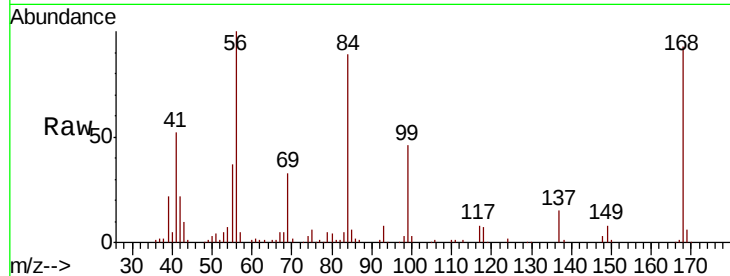




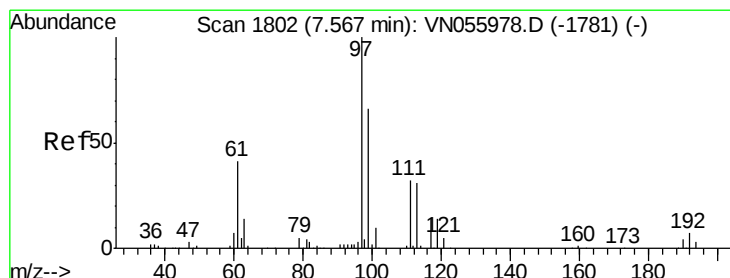
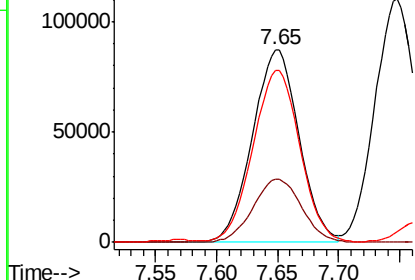
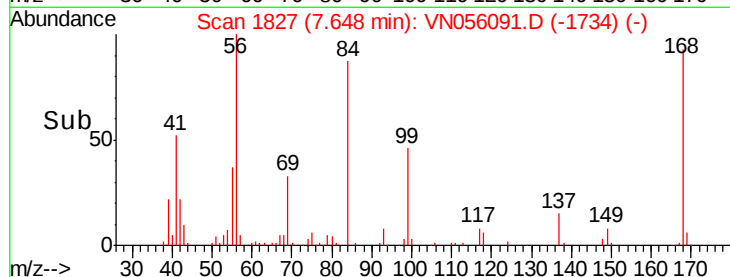
#31
Cyclohexane
Concen: 46.987 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 231644
Ion Ratio Lower Upper
56 100
69 32.8 25.6 38.4
84 87.8 67.4 101.0

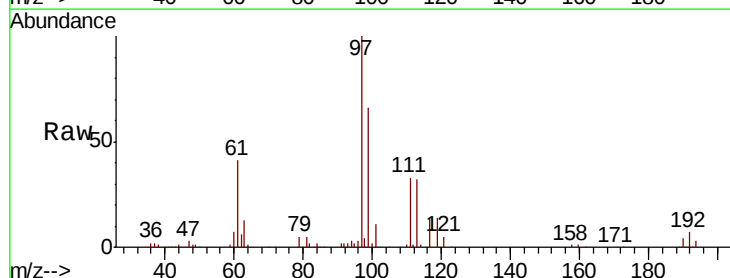


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

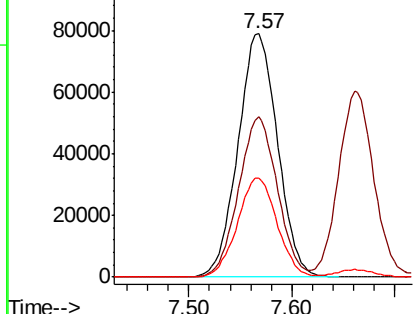
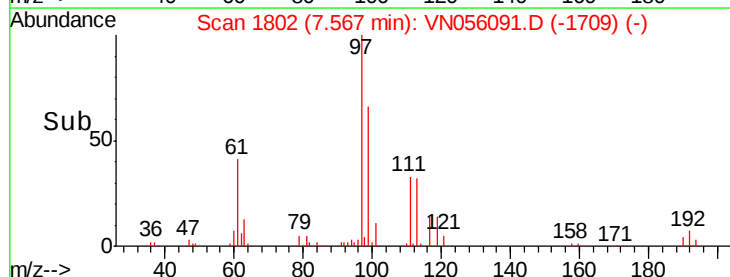


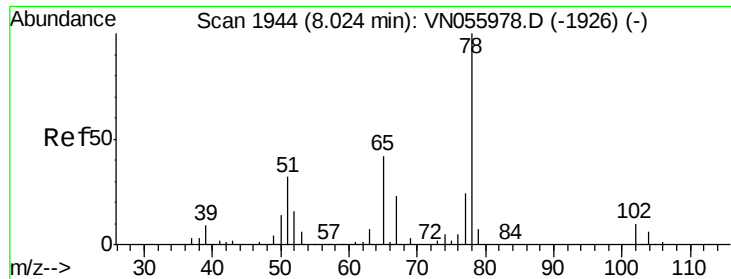
#32
1,1,1-Trichloroethane
Concen: 50.622 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 97 Resp: 210327
Ion Ratio Lower Upper
97 100
99 64.5 52.0 78.0
61 40.9 32.9 49.3



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO





#33

1,2-Dichloroethane-d4

Concen: 50.716 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

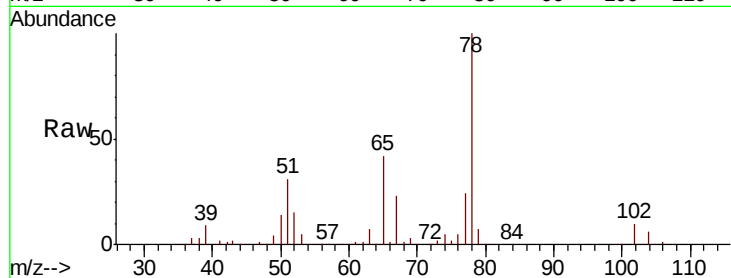
VSTDCCC050

Tot Ion: 65 Resp: 157571

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN056091.D (-1851) (-)

Ion 66.90 (66.60 to 67.60): VN056091.D (-1851) (-)

8.02

60000

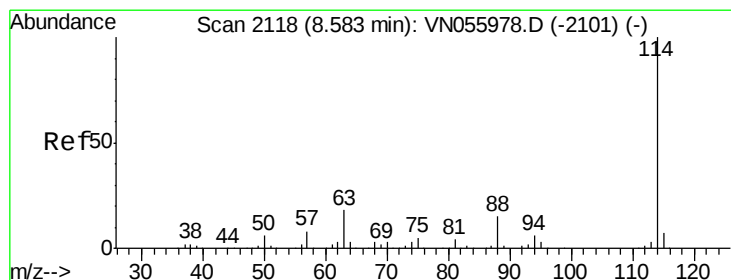
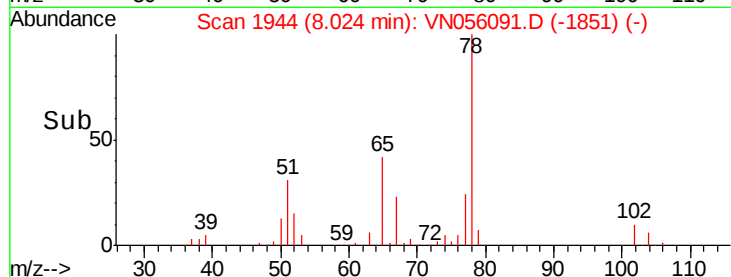
40000

20000

0

7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

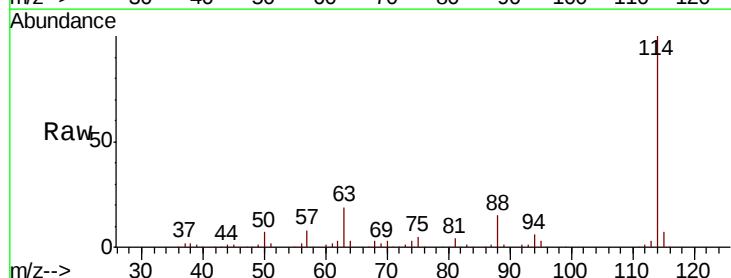
Tgt Ion: 114 Resp: 455691

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 15.3 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): VN056091.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN056091.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN056091.D (-2025) (-)

8.58

250000

200000

150000

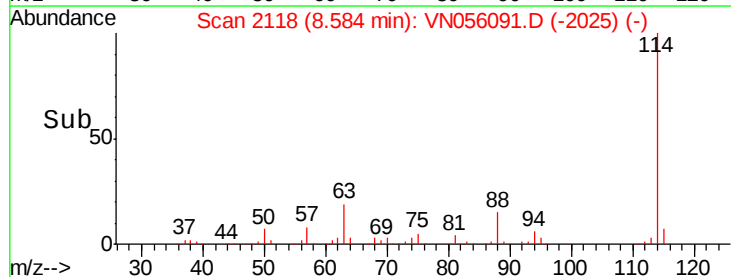
100000

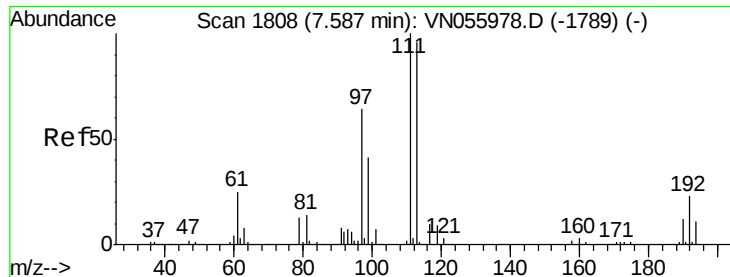
50000

0

8.50 8.60 8.70 8.80

Time-->

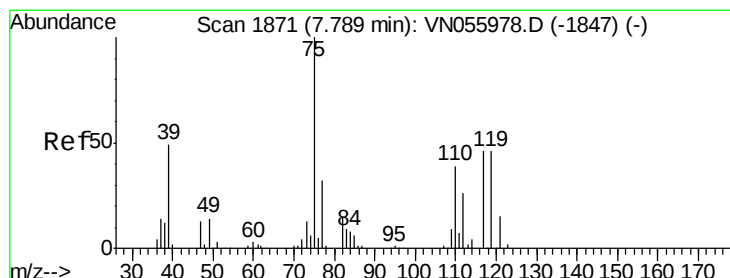
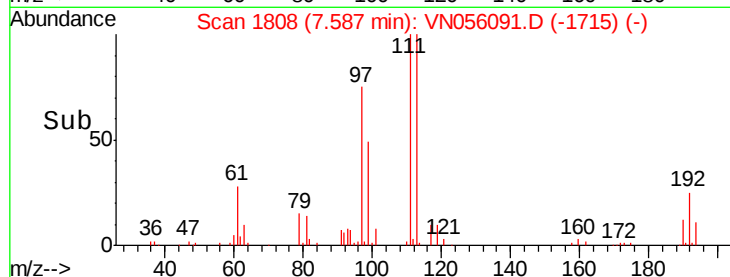
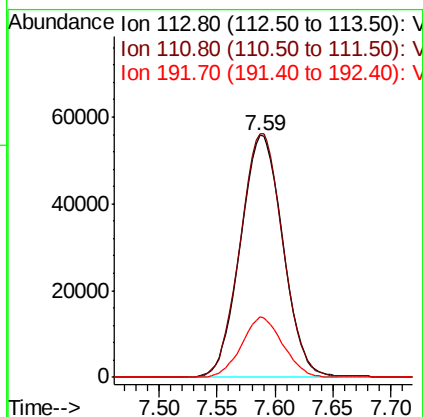
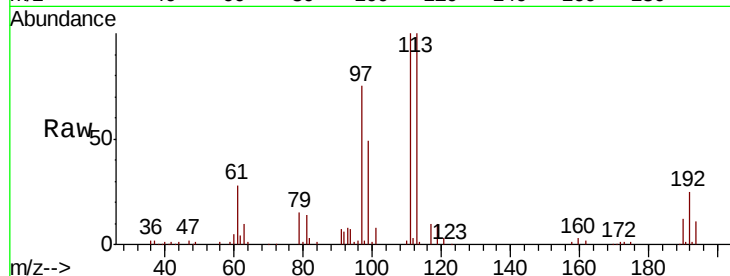




#35
 Dibromofluoromethane
 Concen: 50.869 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

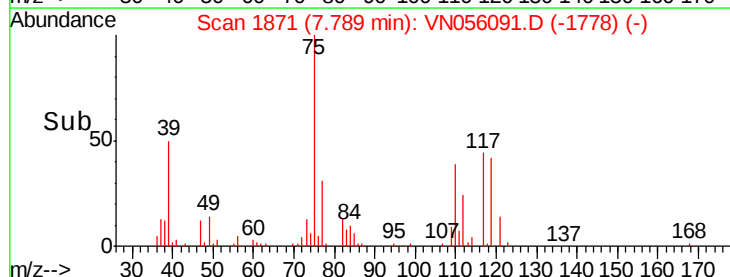
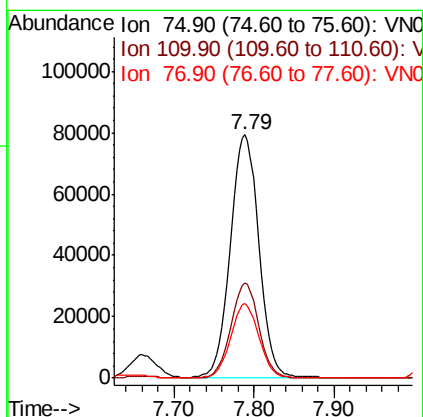
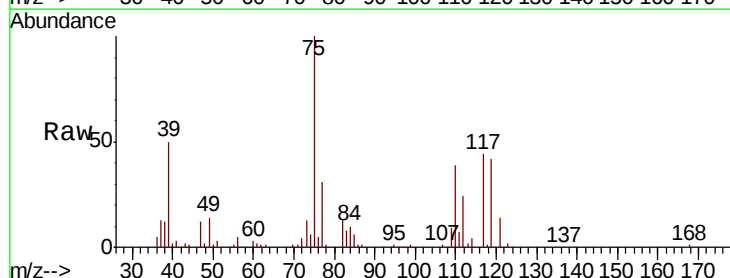
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

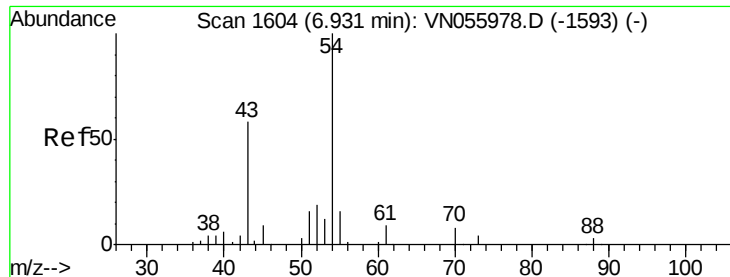
Tot Ion:113 Resp: 142219
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.9 122.9
 192 24.1 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 49.120 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion: 75 Resp: 192469
 Ion Ratio Lower Upper
 75 100
 110 37.9 19.0 57.0
 77 30.4 25.1 37.7

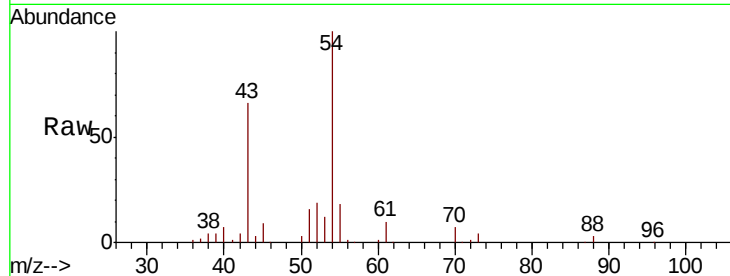




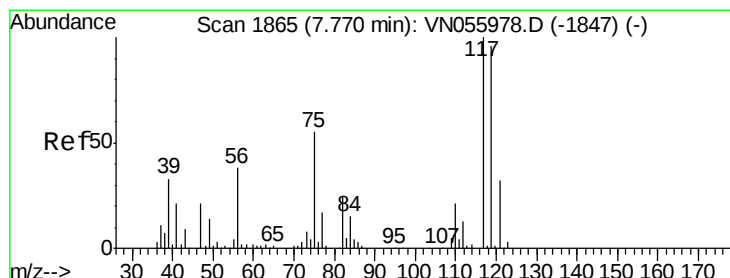
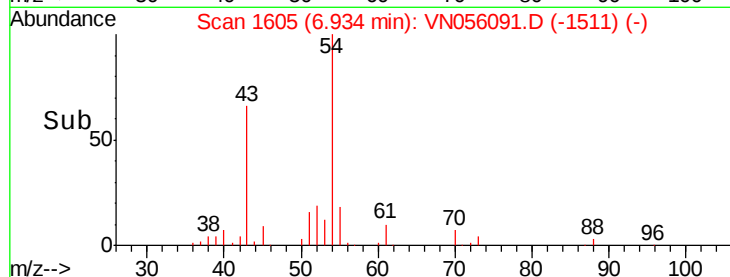
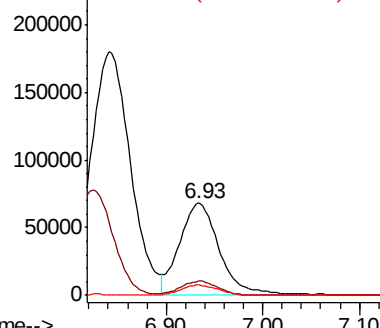
#37
Ethyl Acetate
Concen: 54.896 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 191388
Ion Ratio Lower Upper
43 100
61 14.5 12.2 18.2
70 11.0 8.9 13.3

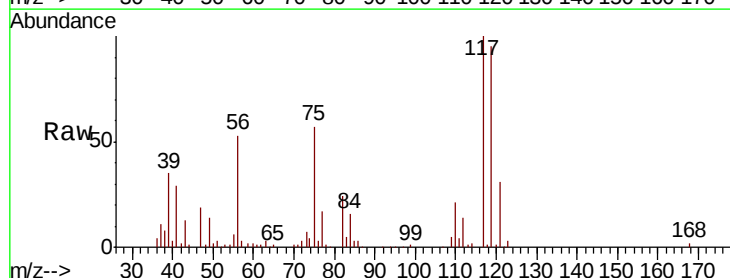


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1593) (-)
Ion 60.90 (60.60 to 61.60): VN055978.D (-1593) (-)
Ion 70.00 (69.70 to 70.70): VN055978.D (-1593) (-)

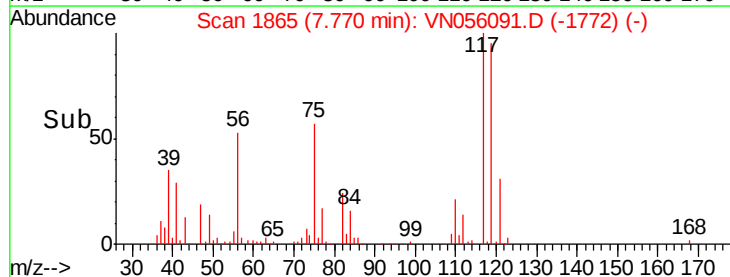
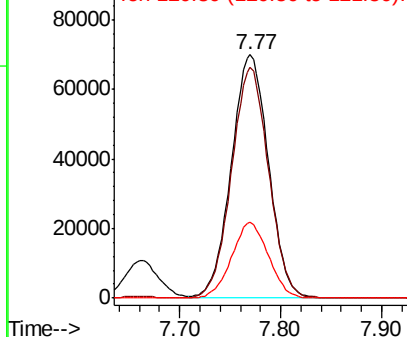


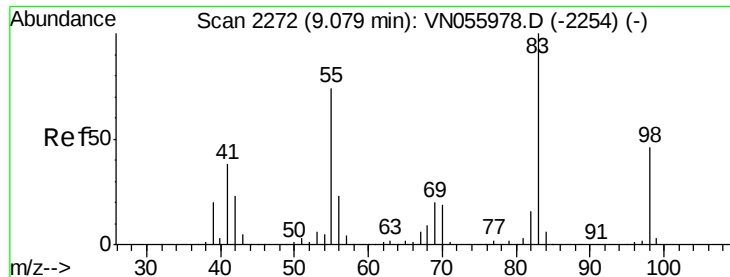
#38
Carbon Tetrachloride
Concen: 49.592 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 117 Resp: 179148
Ion Ratio Lower Upper
117 100
119 94.9 79.0 118.6
121 31.1 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VN055978.D (-1847) (-)
Ion 118.80 (118.50 to 119.50): VN055978.D (-1847) (-)
Ion 120.80 (120.50 to 121.50): VN055978.D (-1847) (-)

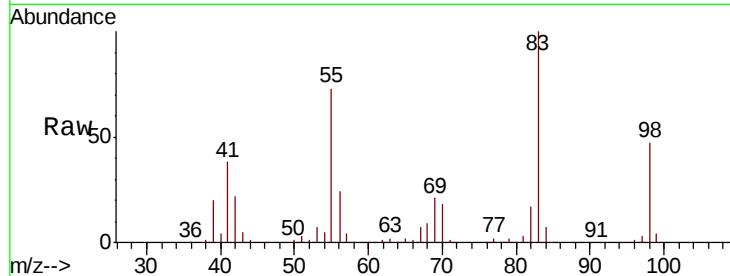




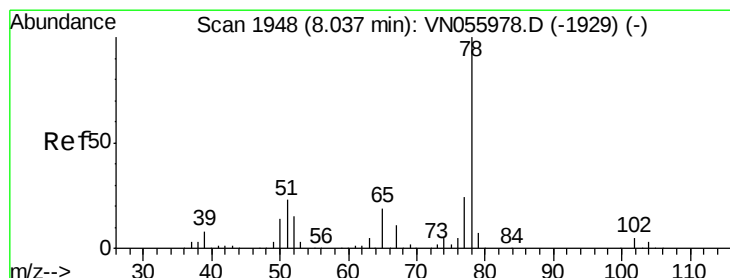
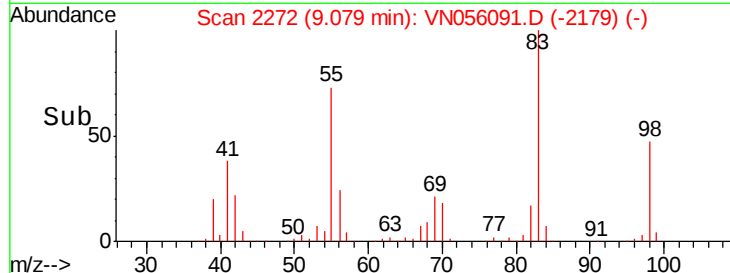
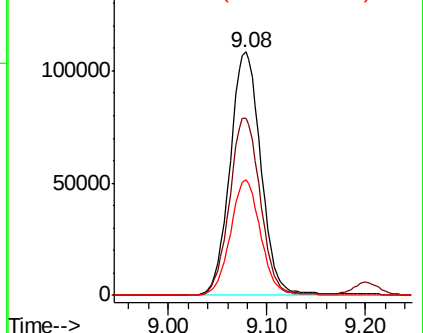
#39
Methvlcvclohexane
Concen: 48.531 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 236882
Ion Ratio Lower Upper
83 100
55 72.9 59.3 88.9
98 47.4 36.6 54.8

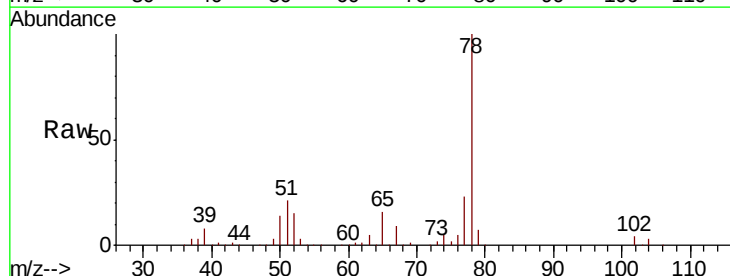


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

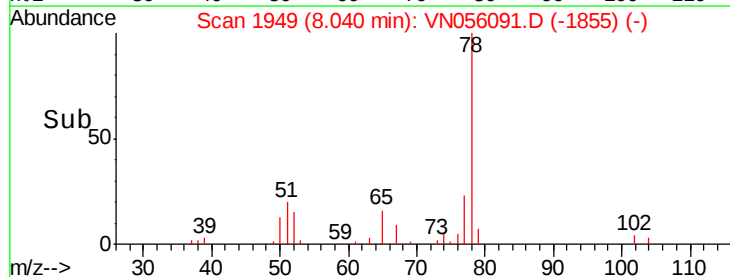
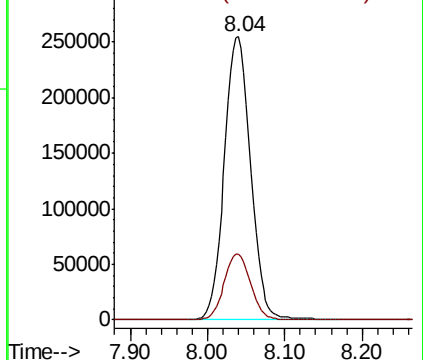


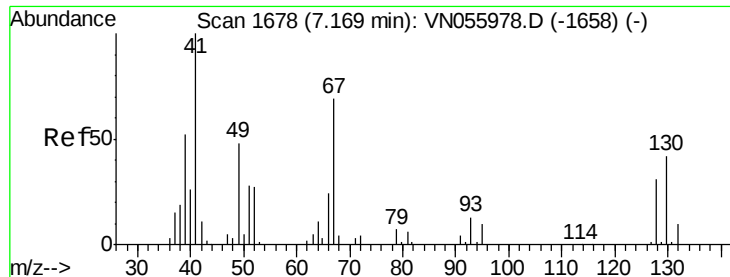
#40
Benzene
Concen: 50.541 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 78 Resp: 601479
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

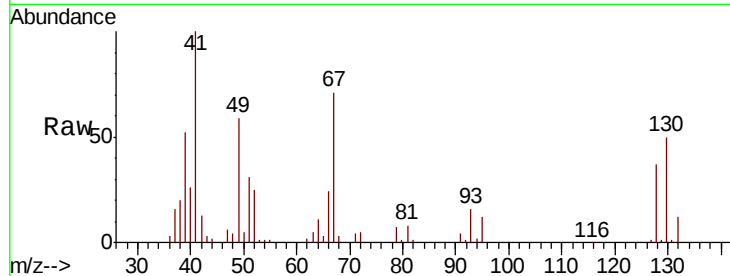




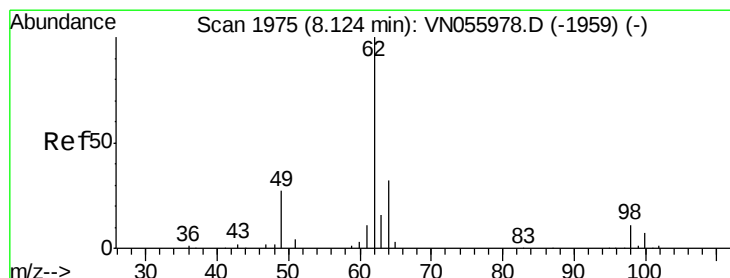
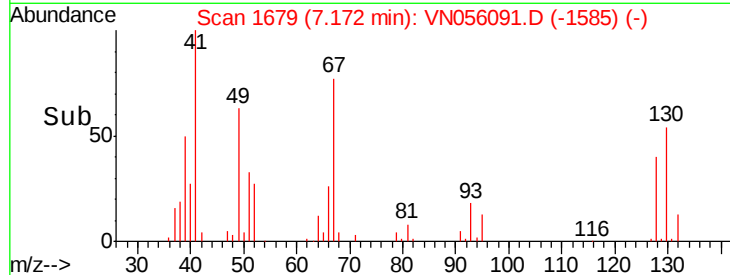
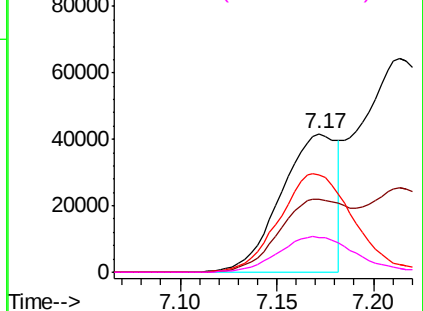
#41
Methacrylonitrile
Concen: 52.450 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 41 Resp: 84132
Ion Ratio Lower Upper
41 100
39 67.7 45.6 68.4
67 95.2 67.7 101.5
52 35.9 26.6 40.0

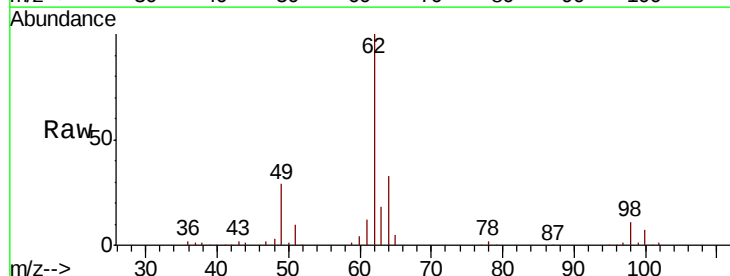


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

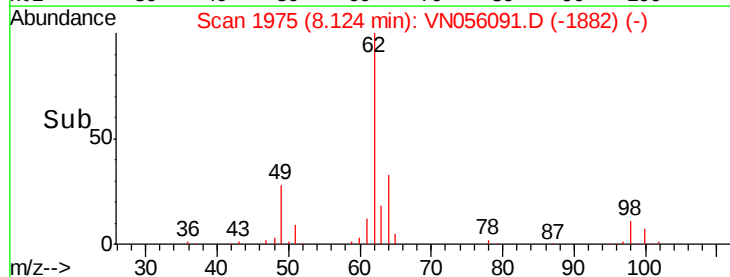
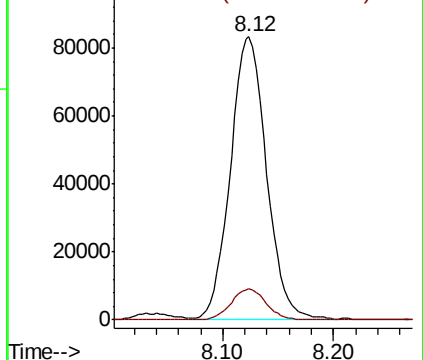


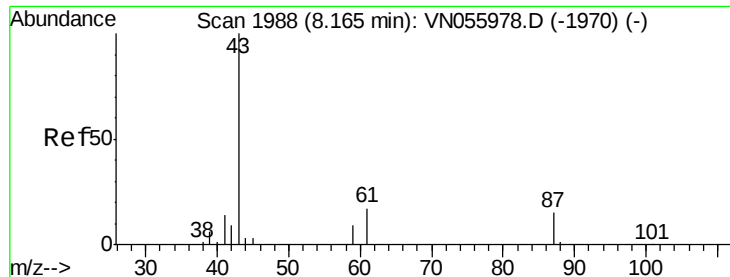
#42
1,2-Dichloroethane
Concen: 49.033 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 62 Resp: 187701
Ion Ratio Lower Upper
62 100
98 10.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 52.134 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

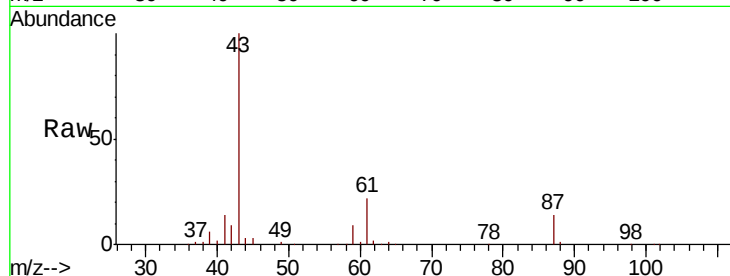
Tot Ion: 43 Resp: 294532

Ion Ratio Lower Upper

43 100

61 22.1 22.2 33.4#

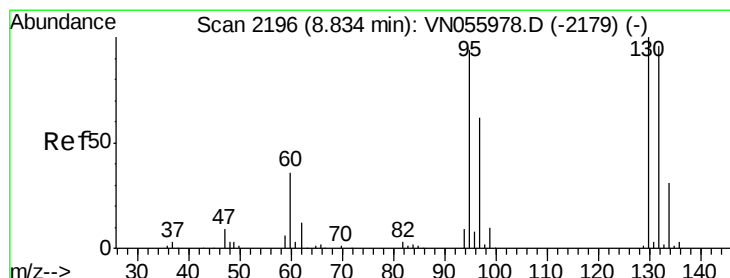
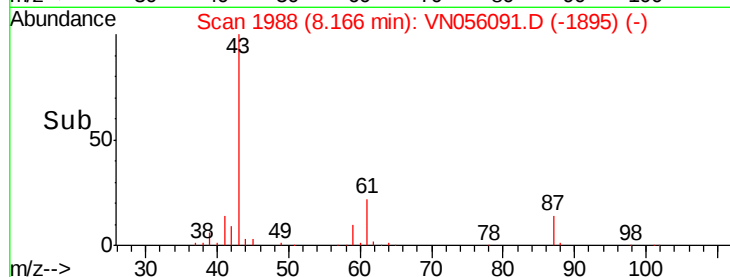
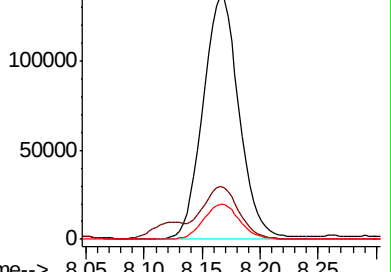
87 14.7 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN055978.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN055978.D (-1970) (-)



#44

Trichloroethene

Concen: 48.947 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN056091.D

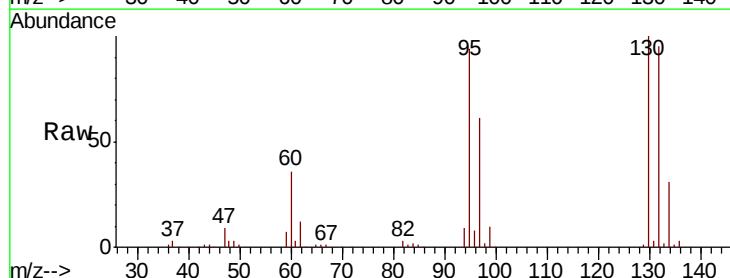
Acq: 7 Jun 2019 11:25

Tgt Ion:130 Resp: 167384

Ion Ratio Lower Upper

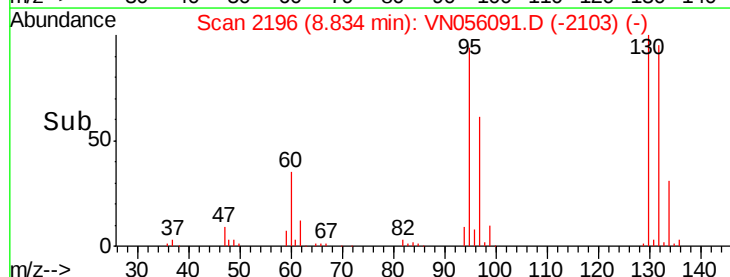
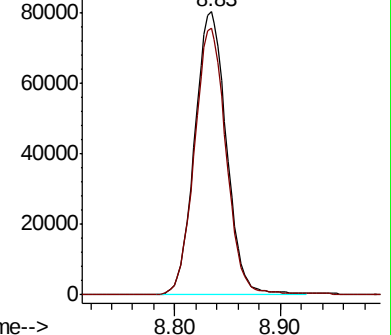
130 100

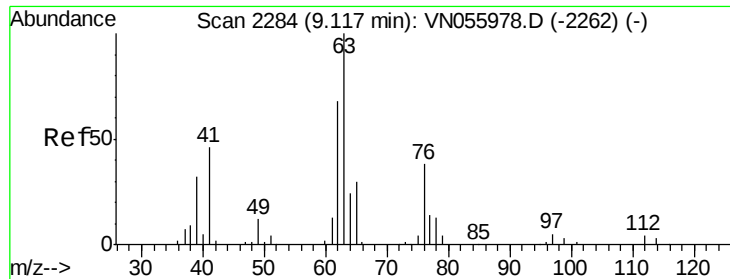
95 94.0 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN055978.D (-2179) (-)

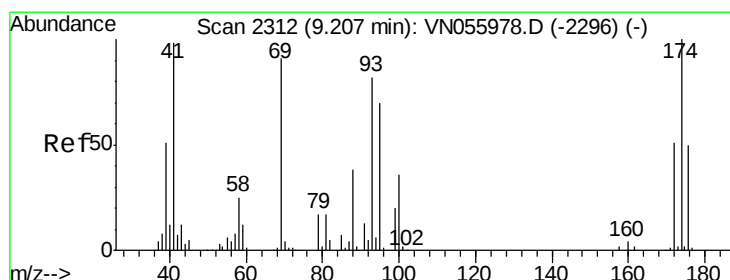
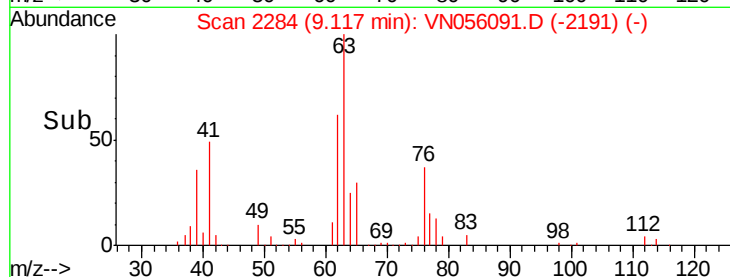
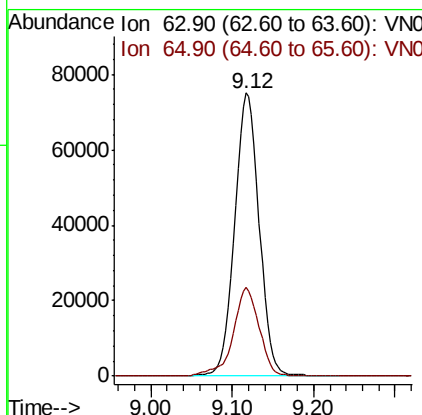
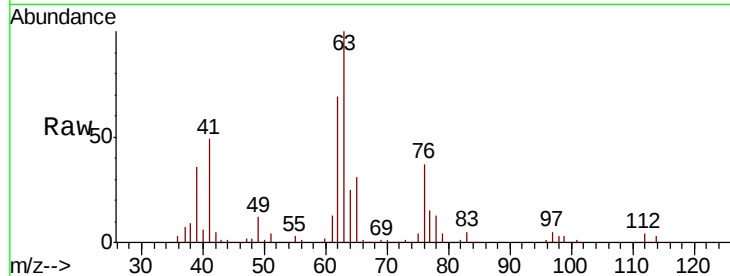




#45
 1,2-Dichloropropane
 Concen: 51.638 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

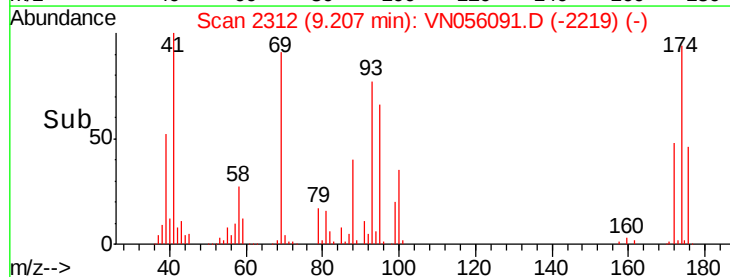
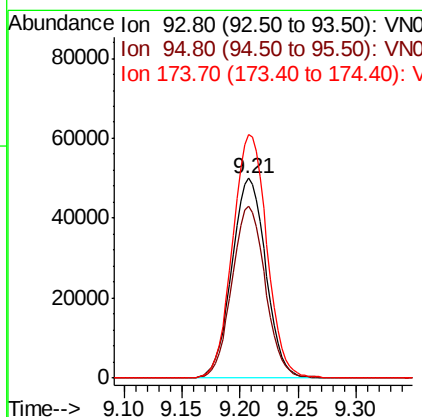
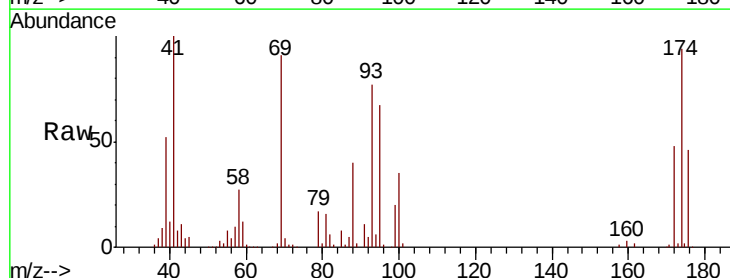
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

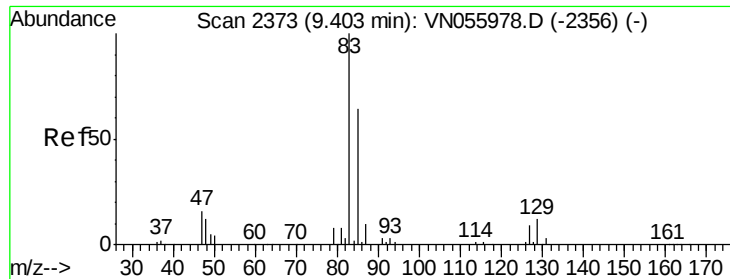
Tot Ion: 63 Resp: 157407
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.6 36.8



#46
 Dibromomethane
 Concen: 51.174 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion: 93 Resp: 102008
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.7 100.1
 174 122.9 96.4 144.6





#47

Bromodichloromethane

Concen: 50.711 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

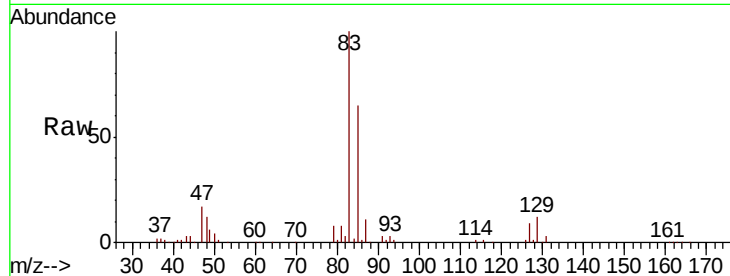
Tot Ion: 83 Resp: 183206

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.2

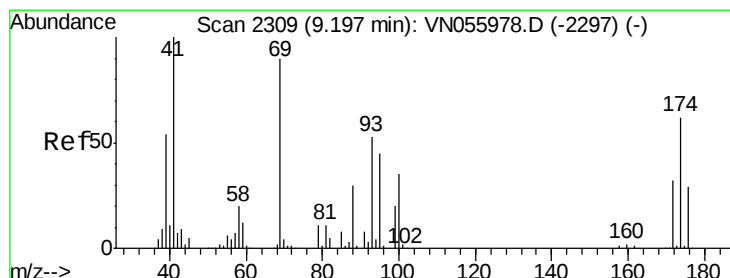
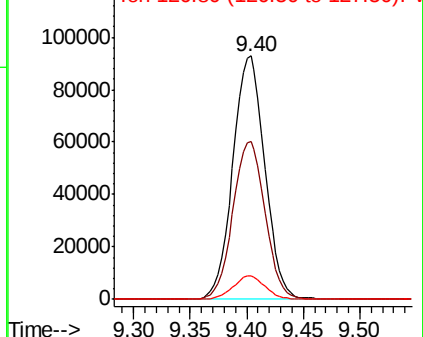
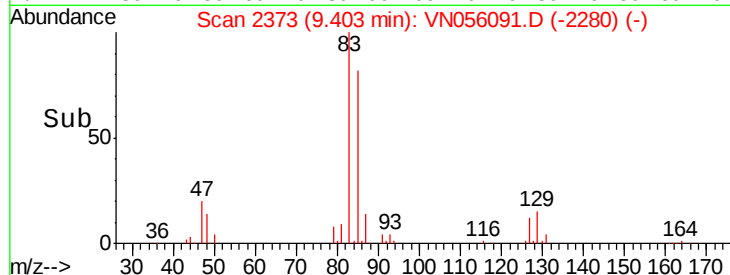
127 9.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056091.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056091.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056091.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.876 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

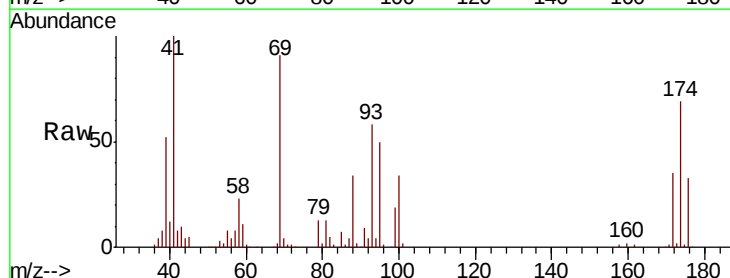
Tgt Ion: 41 Resp: 148909

Ion Ratio Lower Upper

41 100

69 91.6 71.0 106.6

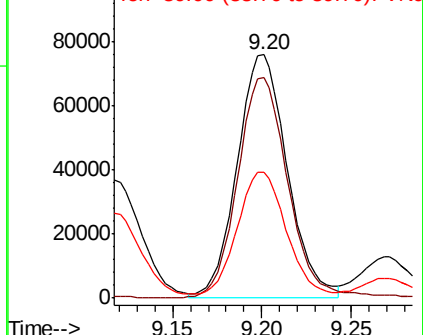
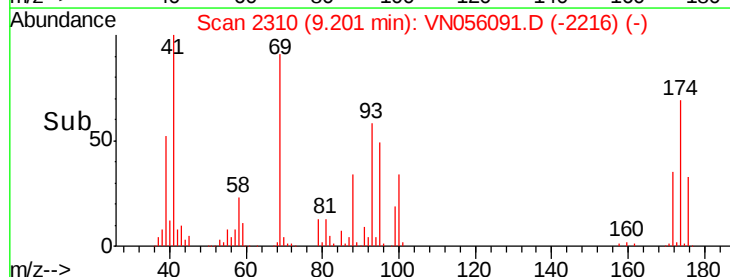
39 51.7 44.2 66.2

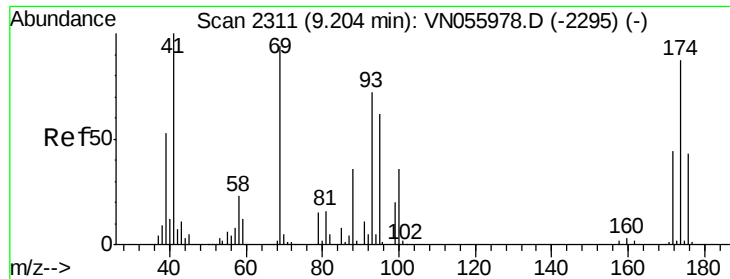


Abundance Ion 41.00 (40.70 to 41.70): VN056091.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056091.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056091.D (-2216) (-)

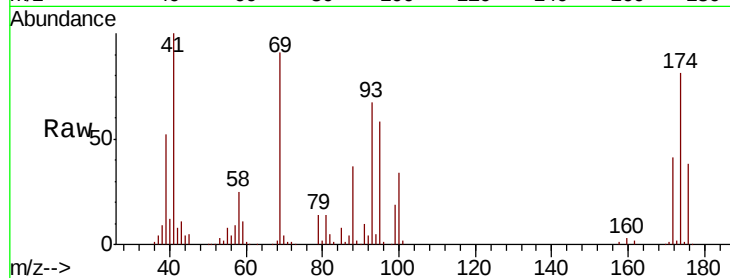




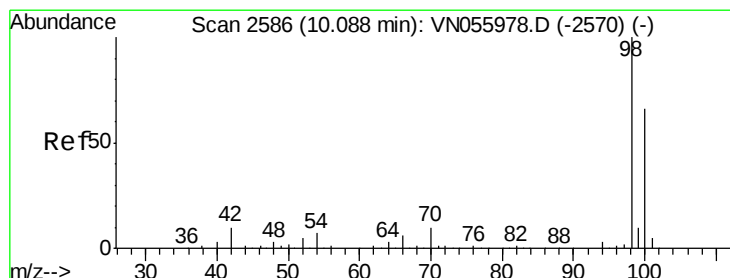
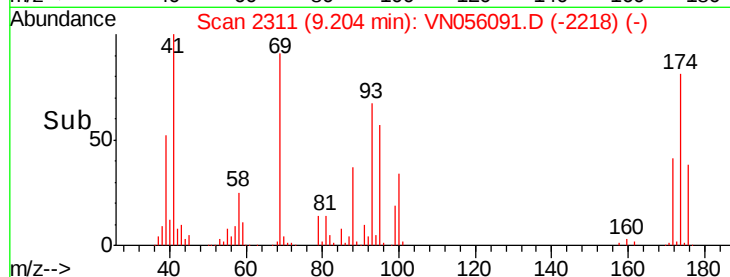
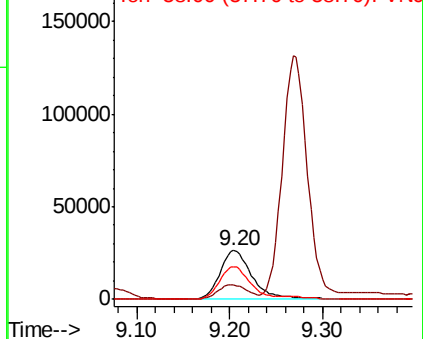
#49
1,4-Dioxane
Concen: 1073.550 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 88 Resp: 64058
Ion Ratio Lower Upper
88 100
43 25.4 20.5 30.7
58 68.7 55.8 83.6

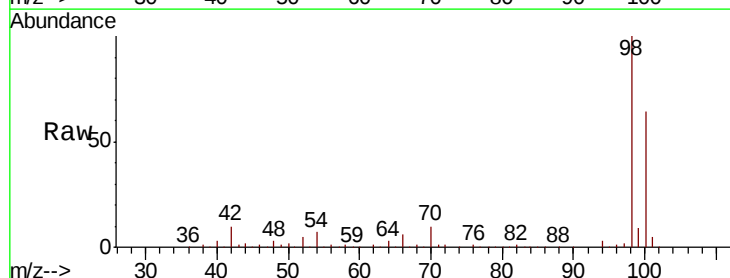


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

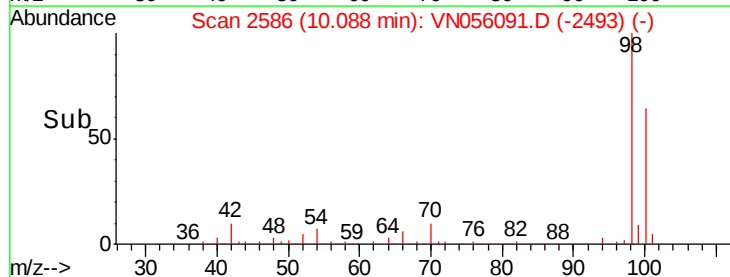
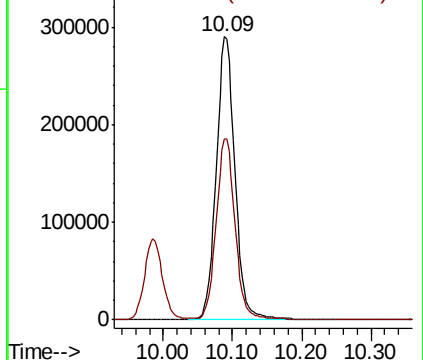


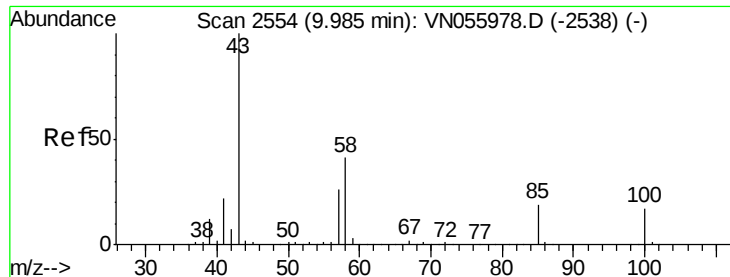
#50
Toluene-d8
Concen: 50.486 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 98 Resp: 543139
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 270.326 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampled :

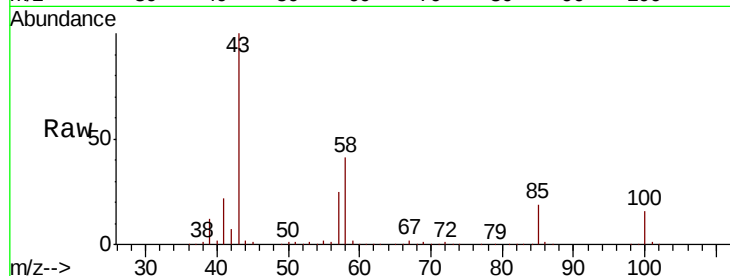
VSTDCCC050

Tot Ion: 43 Resp: 955041

Ion Ratio Lower Upper

43 100

58 40.3 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-2538) (-)

Ion 58.00 (57.70 to 58.70): VN055978.D (-2538) (-)

9.99

500000

400000

300000

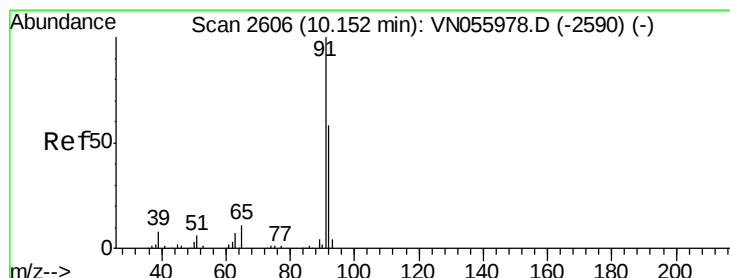
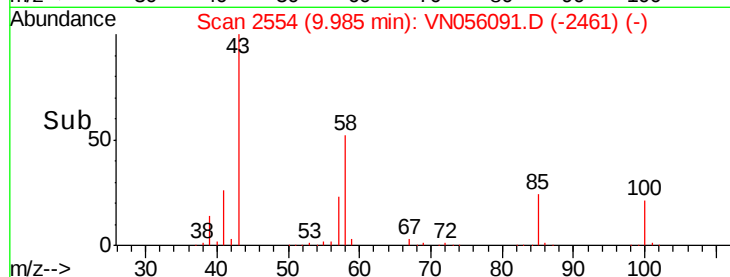
200000

100000

0

Time-->

9.90 10.00 10.10



#52

Toluene

Concen: 51.123 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056091.D

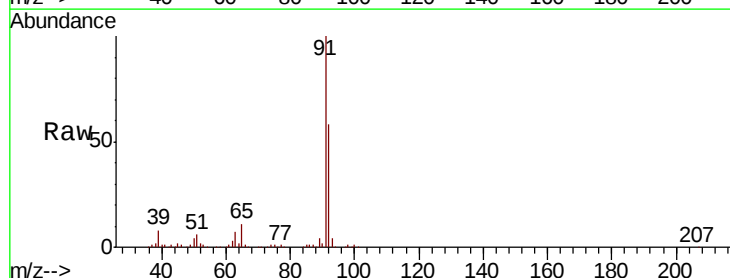
Acq: 7 Jun 2019 11:25

Tgt Ion: 92 Resp: 378584

Ion Ratio Lower Upper

92 100

91 172.1 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN055978.D (-2590) (-)

Ion 91.00 (90.70 to 91.70): VN055978.D (-2590) (-)

10.15

400000

300000

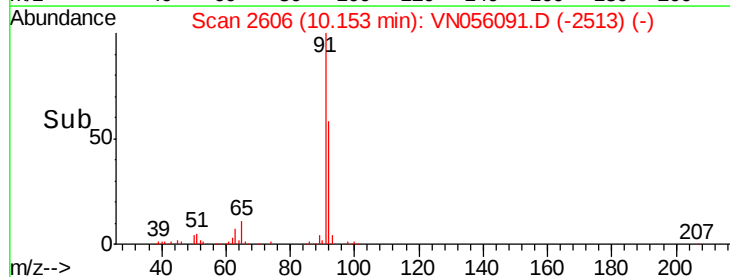
200000

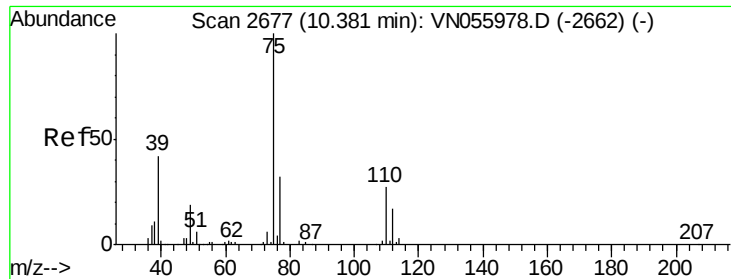
100000

0

Time-->

10.10 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 46.449 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

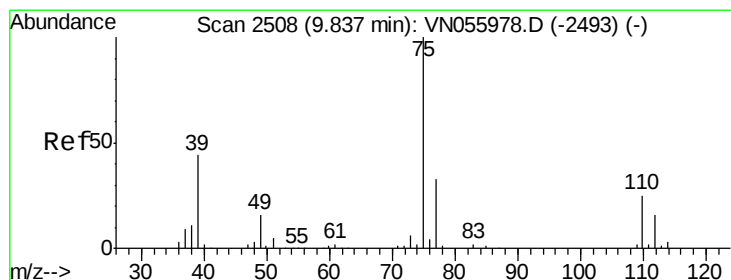
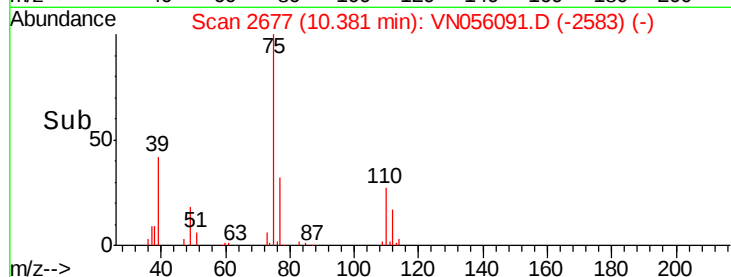
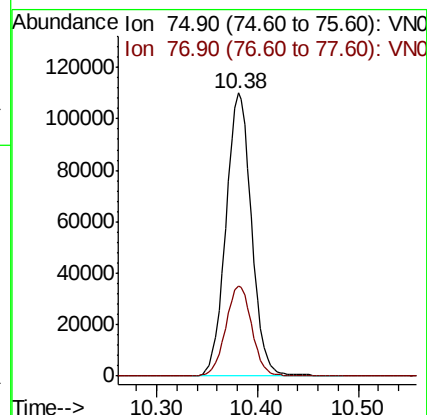
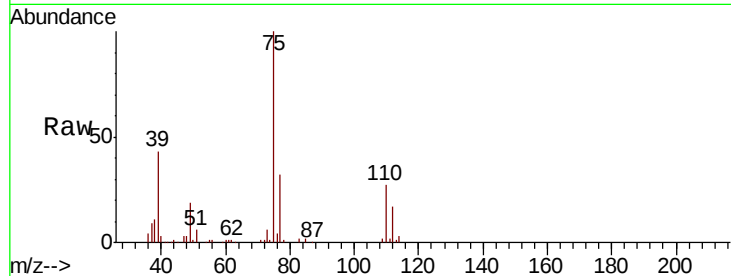
VSTDCCC050

Tot Ion: 75 Resp: 195988

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 53.127 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

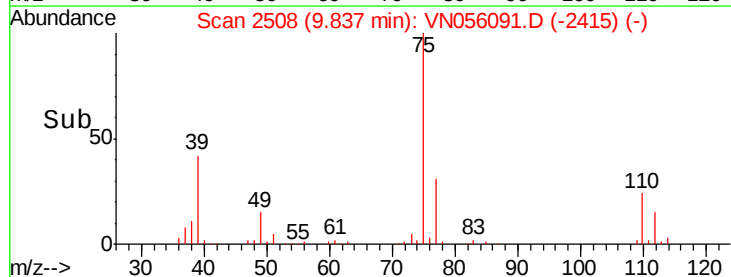
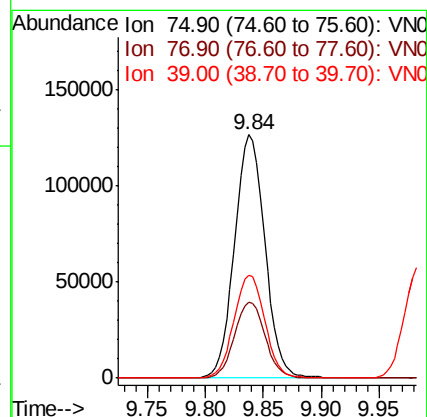
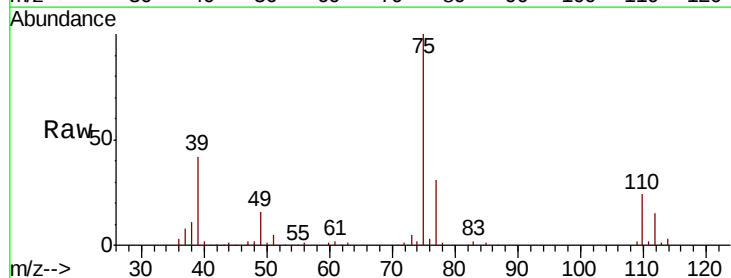
Tgt Ion: 75 Resp: 230709

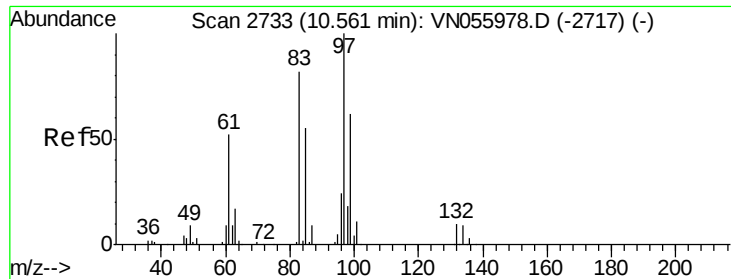
Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.0

39 42.4 36.3 54.5

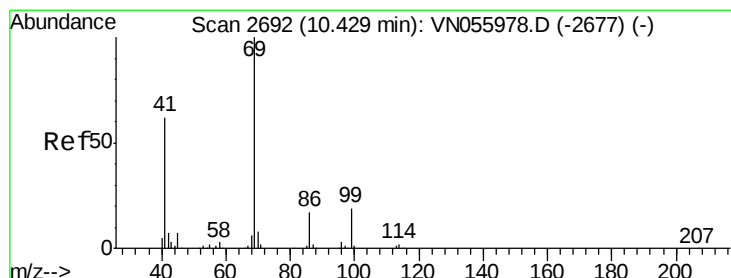
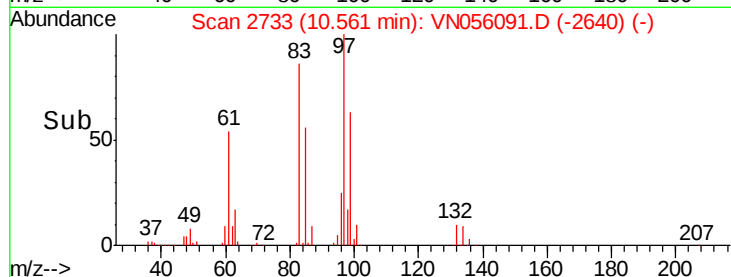
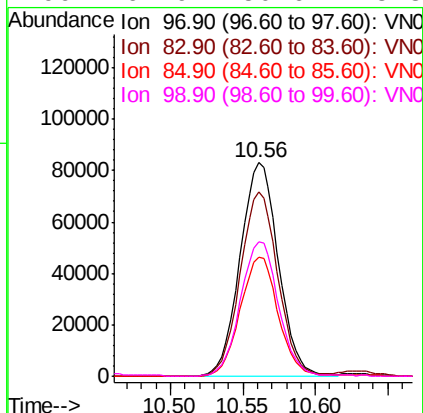
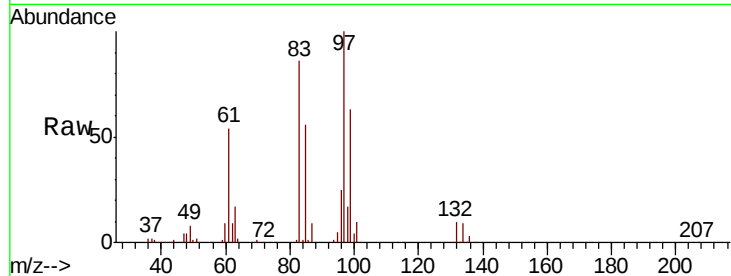




#55
 1,1,2-Trichloroethane
 Concen: 52.039 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

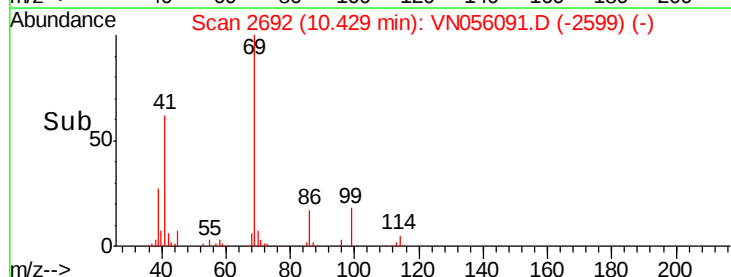
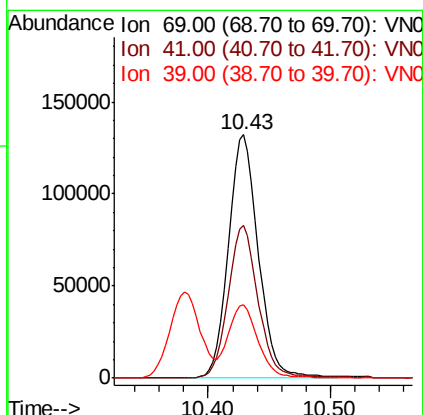
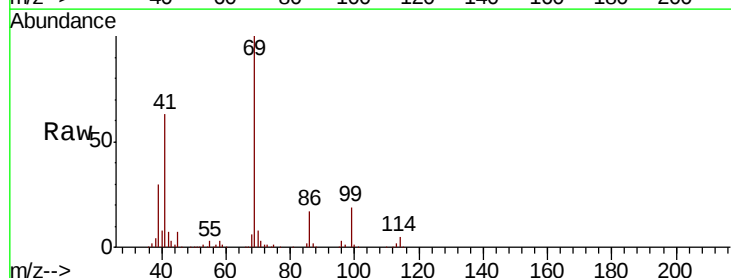
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

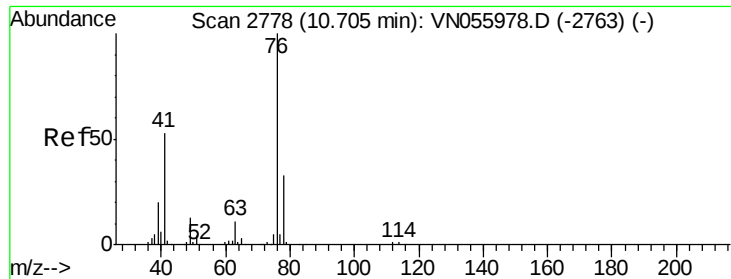
Tot Ion:	97	Resp:	152650
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.0	100.6
85	56.0	44.0	66.0
99	62.9	50.6	75.8



#56
 Ethyl methacrylate
 Concen: 52.919 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion:	69	Resp:	226466
Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	29.6	24.7	37.1





#57

1,3-Dichloropropane

Concen: 52.462 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

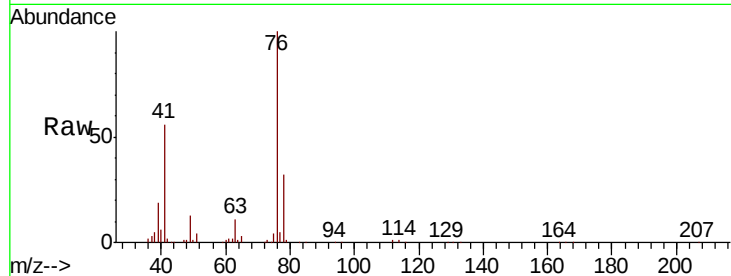
VSTDCCC050

Tot Ion: 76 Resp: 250174

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

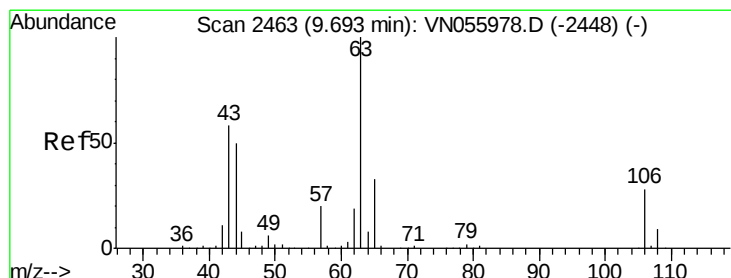
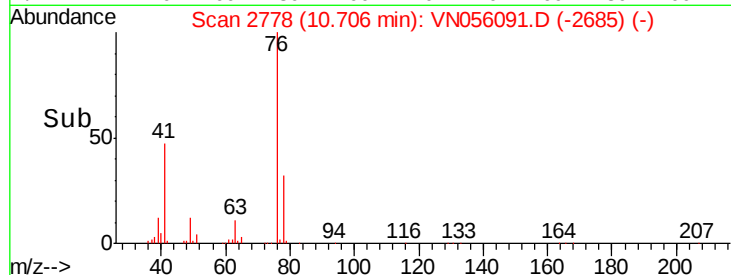
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 240.005 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN056091.D

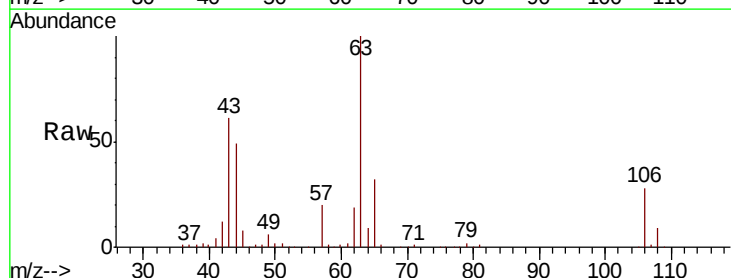
Acq: 7 Jun 2019 11:25

Tgt Ion: 63 Resp: 406157

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.69

250000

200000

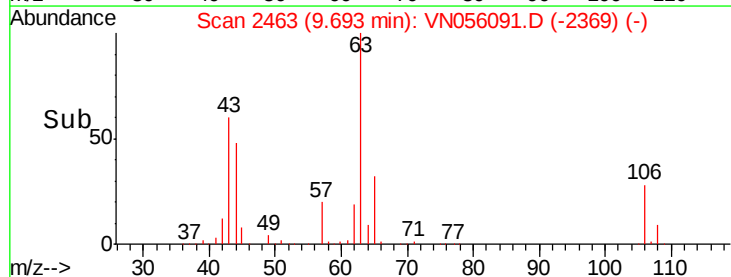
150000

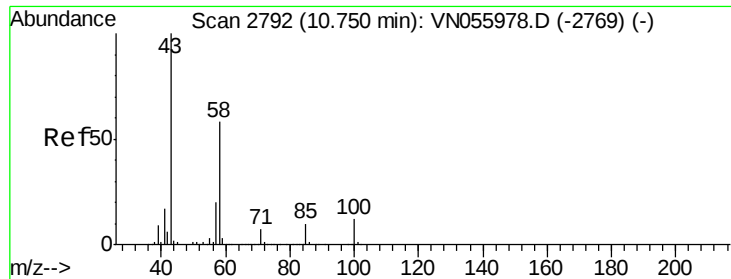
100000

50000

0

Time--> 9.60 9.65 9.70 9.75 9.80

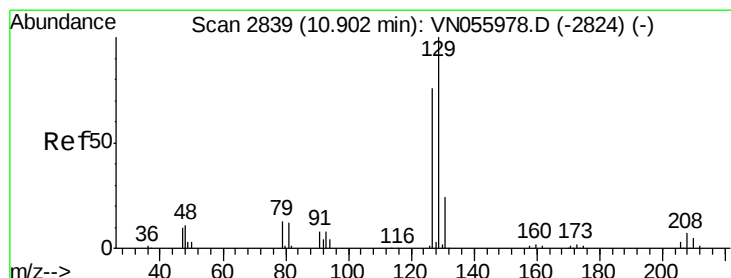
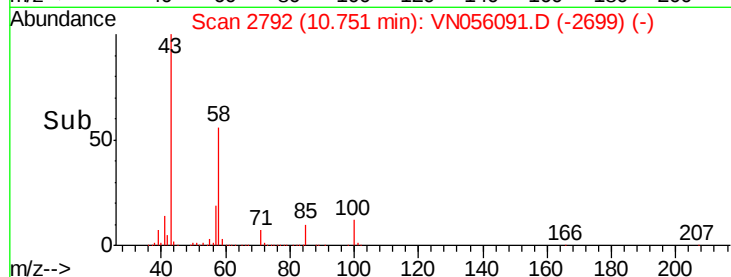
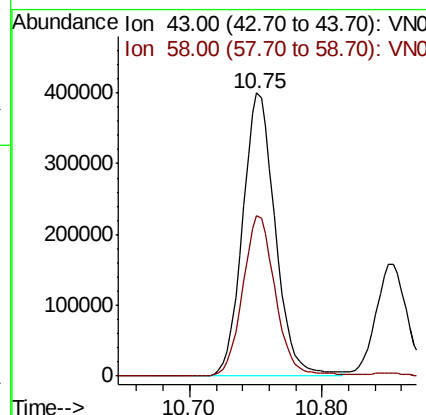
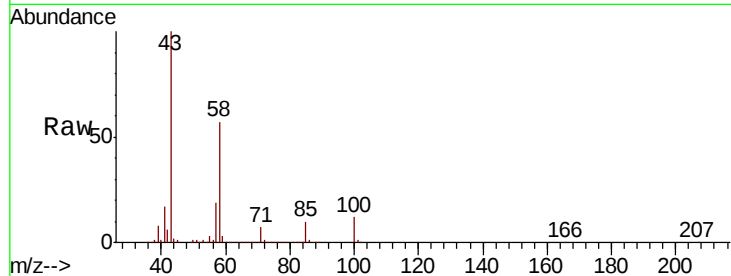




#59
2-Hexanone
Concen: 266.221 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

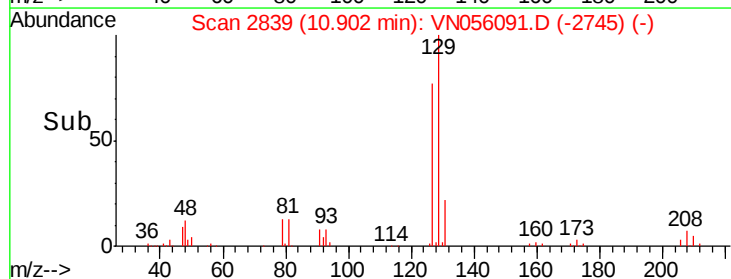
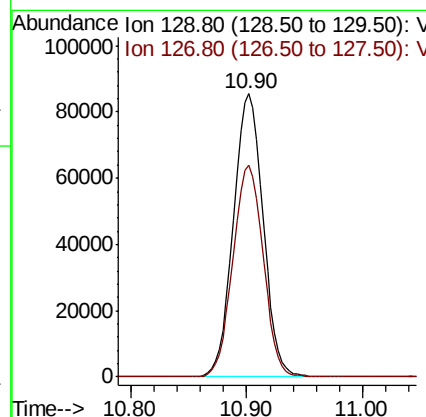
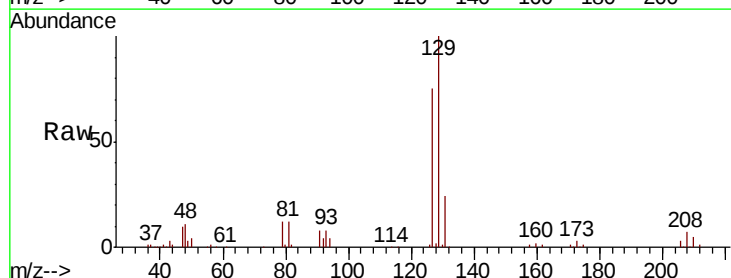
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

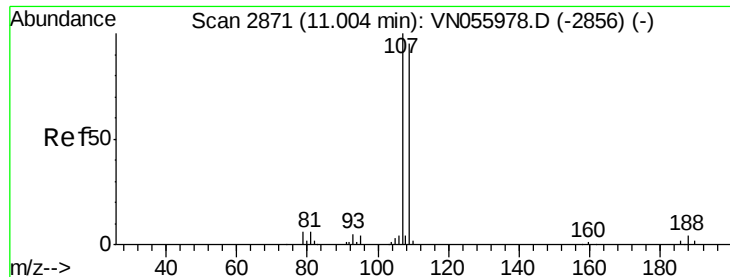
Tot Ion: 43 Resp: 681680
Ion Ratio Lower Upper
43 100
58 56.9 28.2 84.7



#60
Dibromochloromethane
Concen: 46.896 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 129 Resp: 151204
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.3

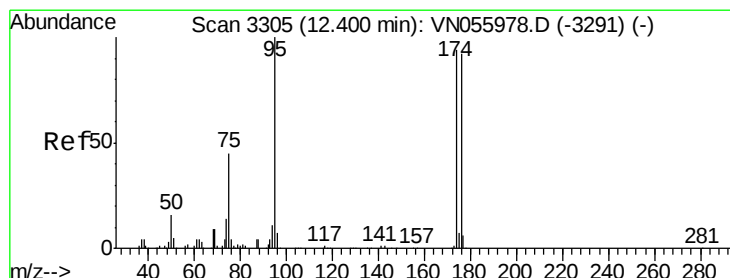
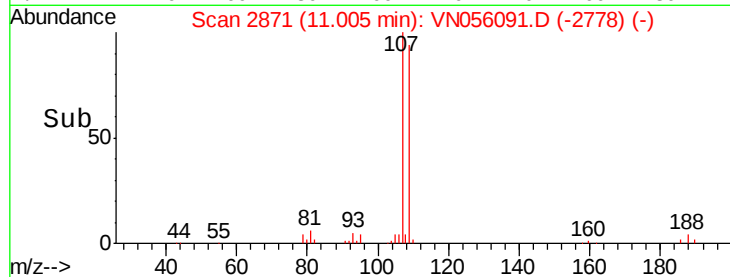
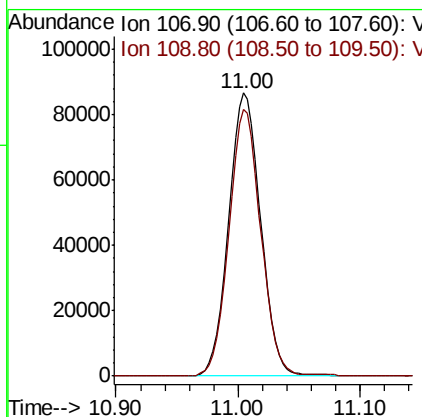
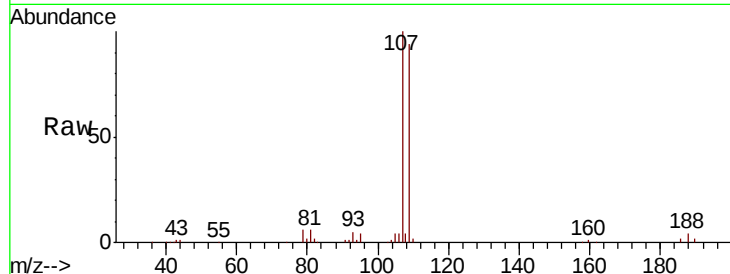




#61
 1,2-Dibromoethane
 Concen: 52.737 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

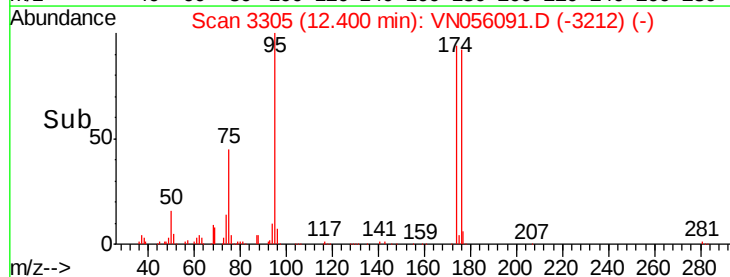
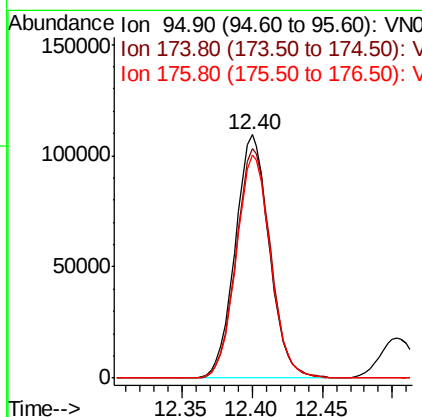
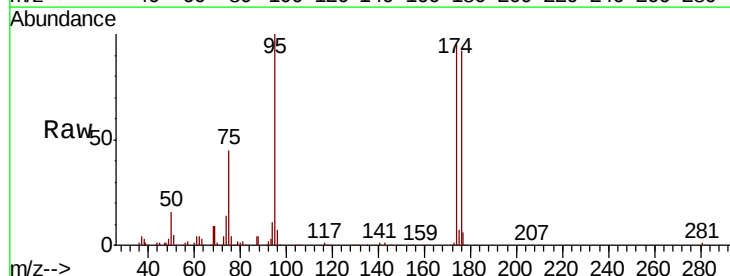
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

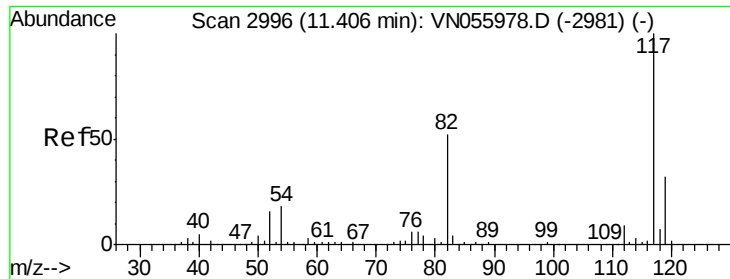
Tot Ion: 107 Resp: 158148
 Ion Ratio Lower Upper
 107 100
 109 93.9 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.717 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion: 95 Resp: 185556
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 191.0
 176 92.6 0.0 185.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

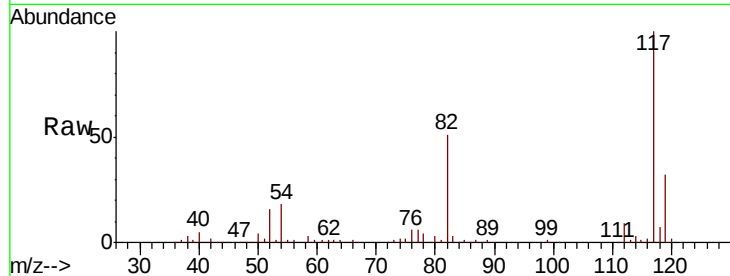
Tot Ion:117 Resp: 411734

Ion Ratio Lower Upper

117 100

82 51.4 41.8 62.8

119 32.4 25.4 38.0

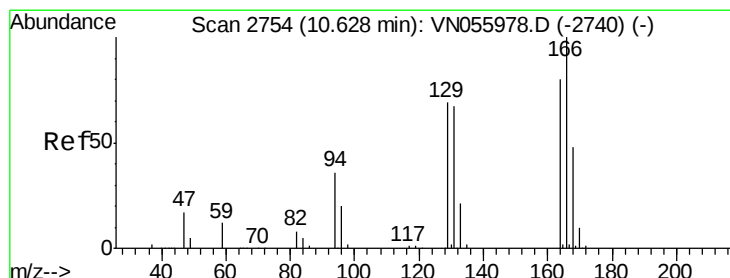
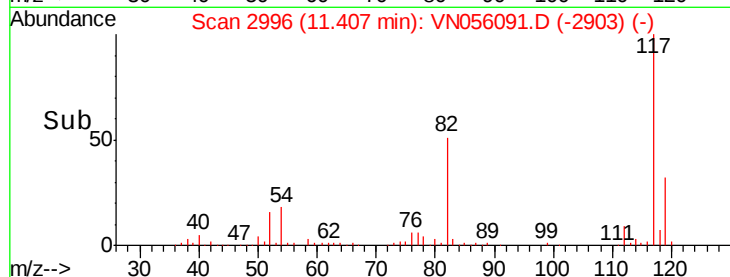
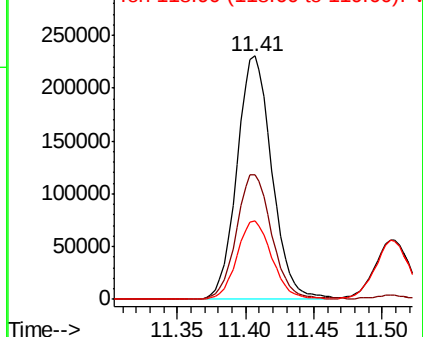


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 47.035 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion:164 Resp: 167634

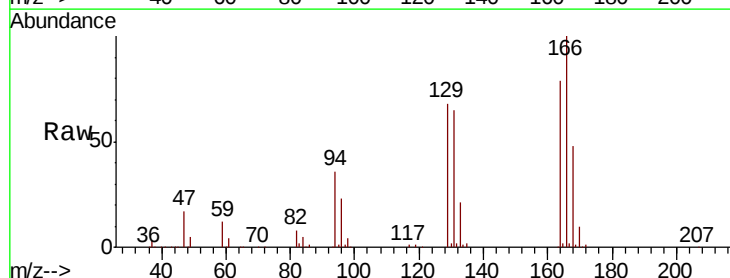
Ion Ratio Lower Upper

164 100

166 127.1 103.0 154.6

129 86.1 70.6 105.8

131 83.2 68.6 102.8



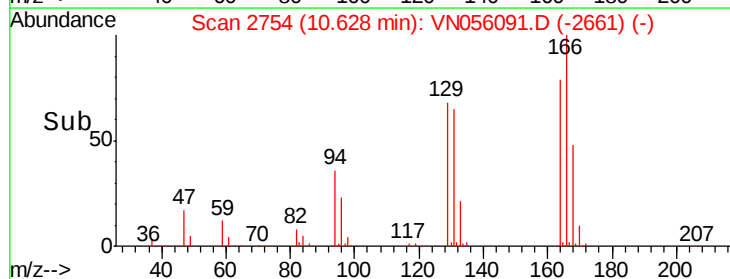
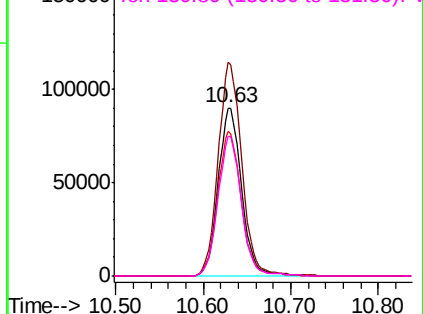
Abundance

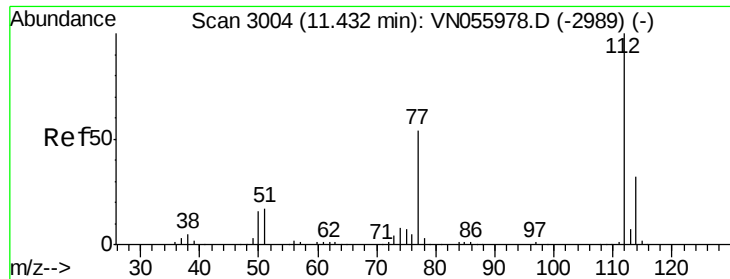
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

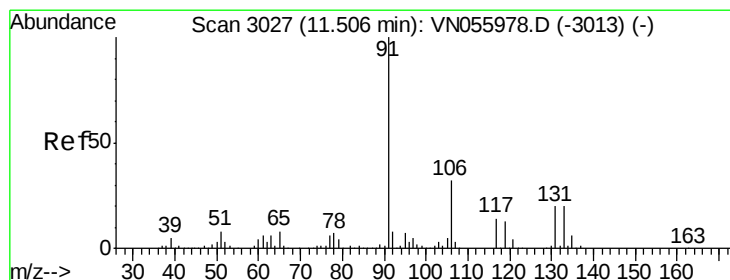
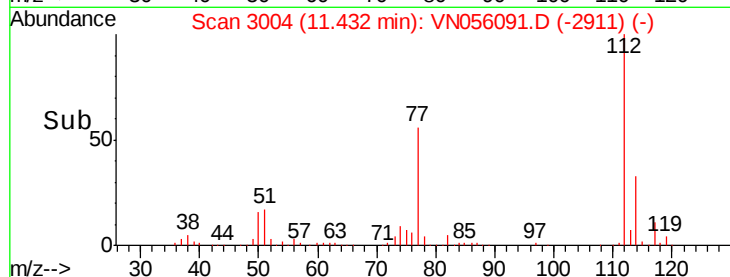
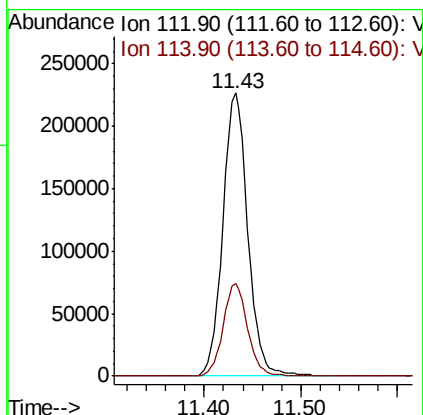
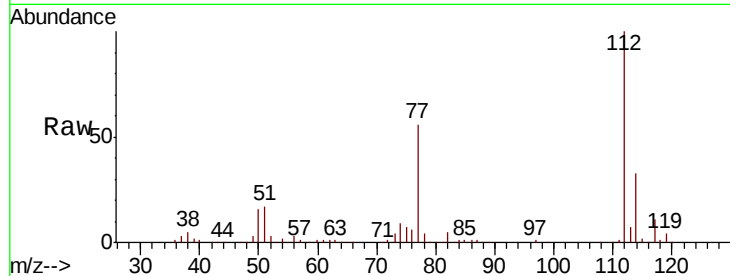




#65
Chlorobenzene
Concen: 49.425 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

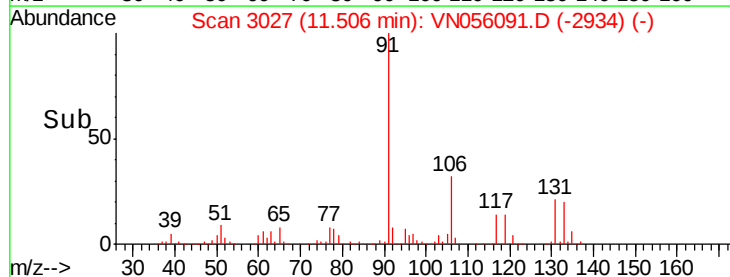
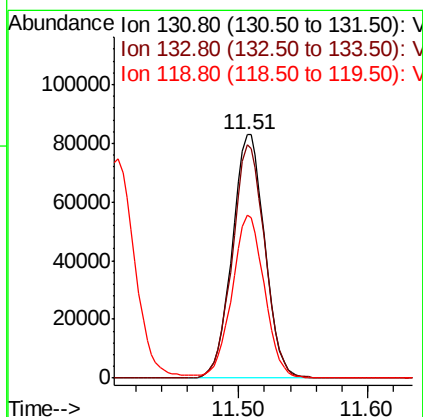
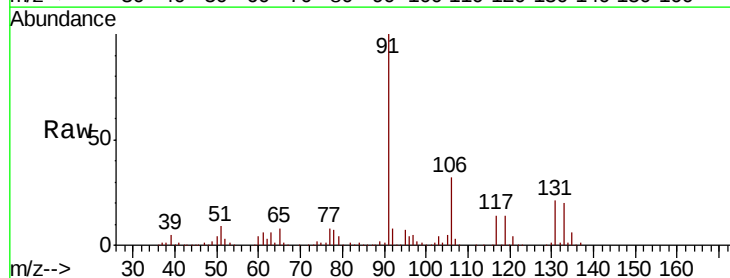
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

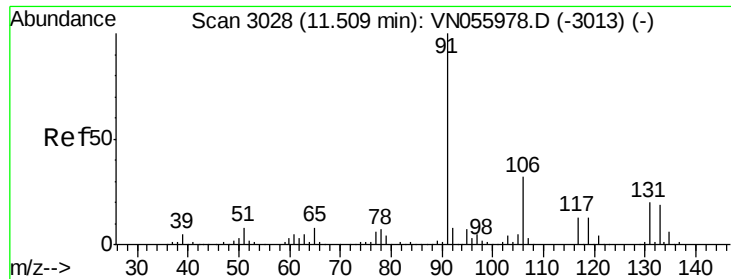
Tot Ion:112 Resp: 405009
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 51.315 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion:131 Resp: 145191
Ion Ratio Lower Upper
131 100
133 95.8 48.0 144.0
119 66.9 33.1 99.5

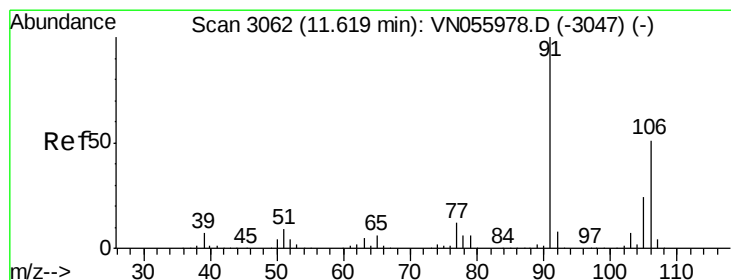
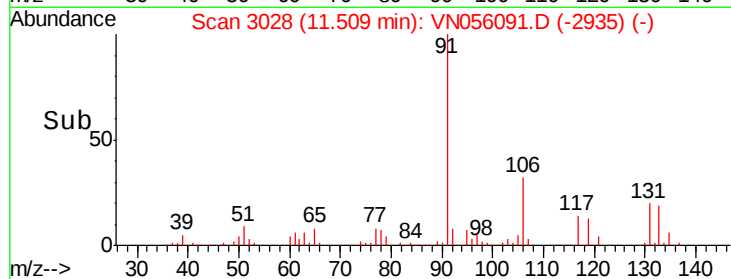
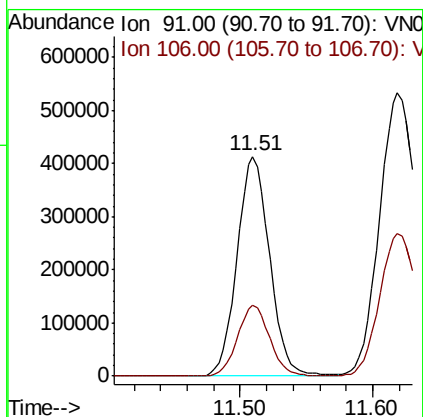
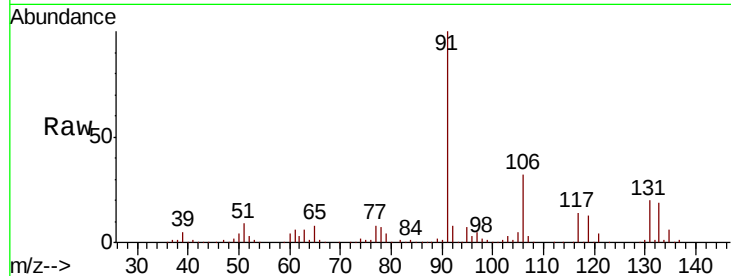




#67
Ethyl Benzene
Concen: 49.523 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

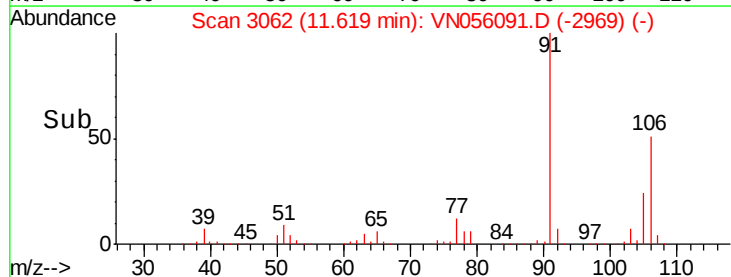
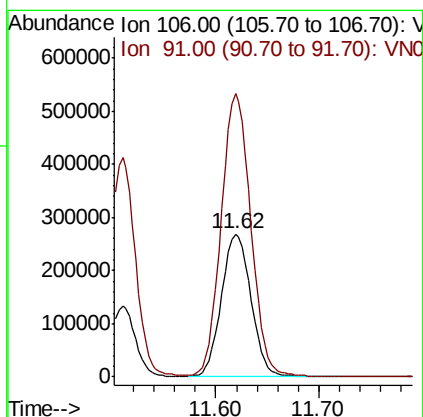
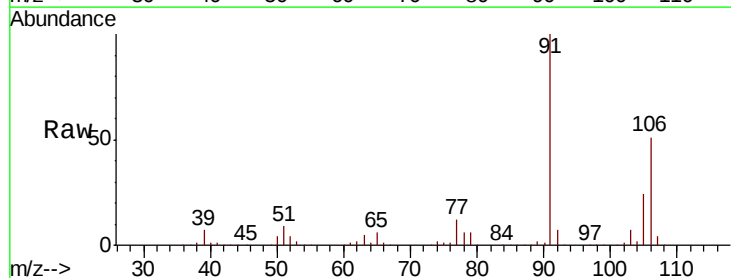
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

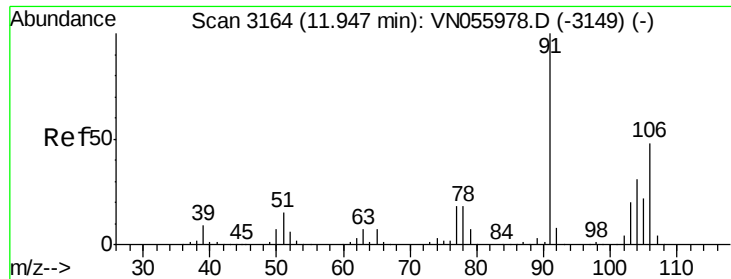
Tot Ion: 91 Resp: 705631
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#68
m/p-Xylenes
Concen: 99.173 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 106 Resp: 539812
Ion Ratio Lower Upper
106 100
91 198.2 159.3 238.9

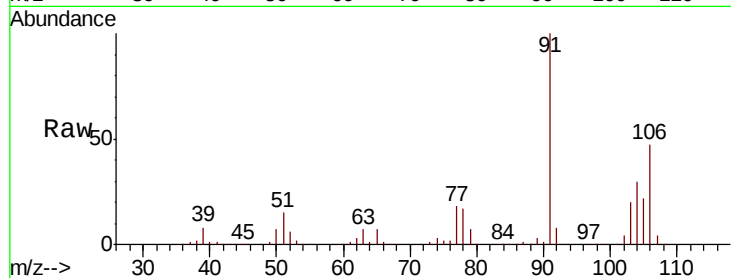




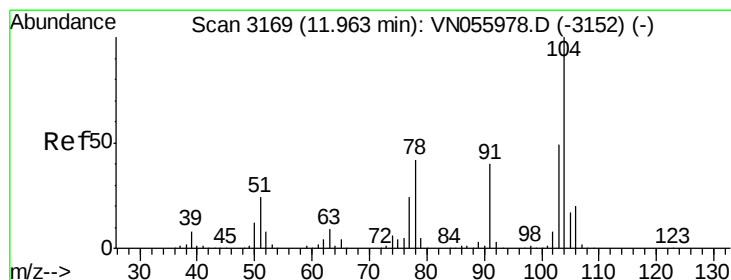
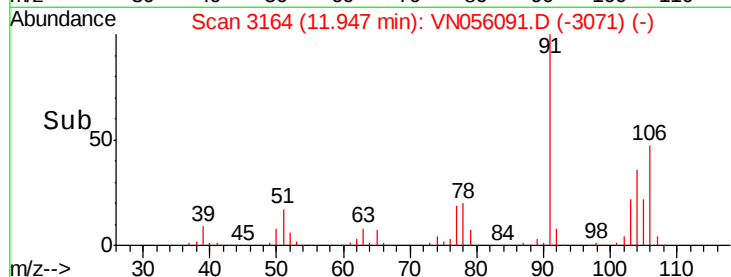
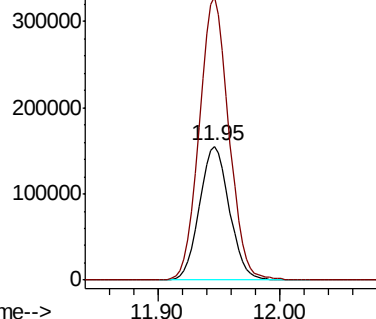
#69
o-Xylene
Concen: 49.647 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 265821
Ion Ratio Lower Upper
106 100
91 208.9 104.7 314.1

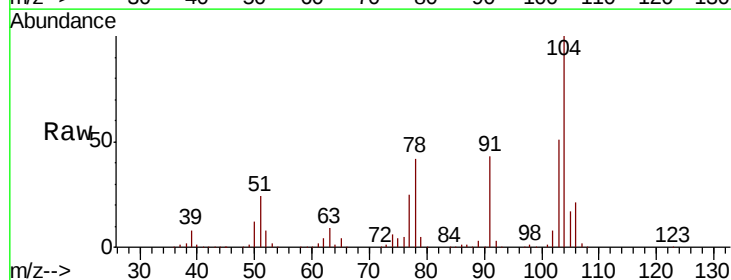


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

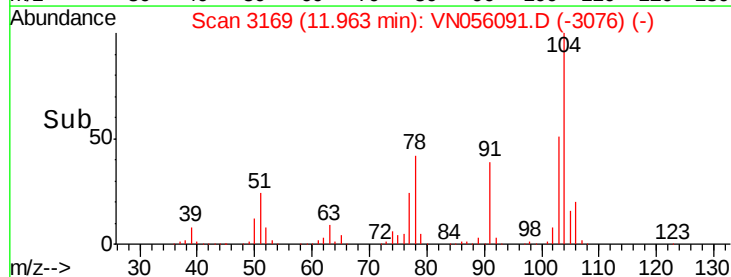
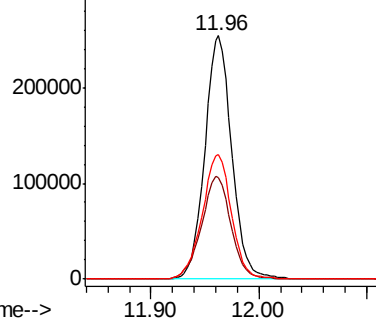


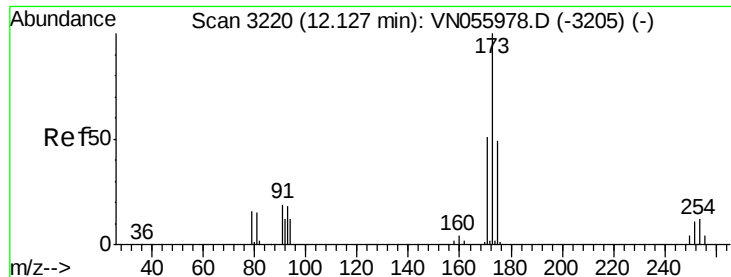
#70
Styrene
Concen: 52.034 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion:104 Resp: 442654
Ion Ratio Lower Upper
104 100
78 46.3 37.8 56.6
103 55.5 44.2 66.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

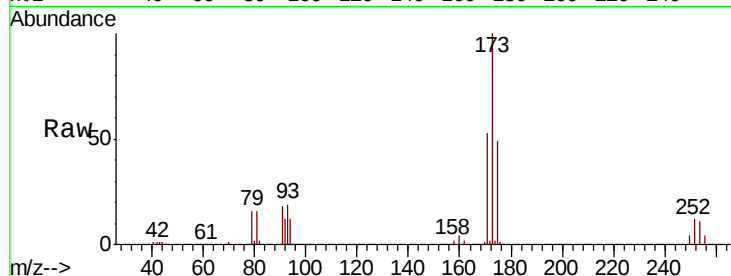




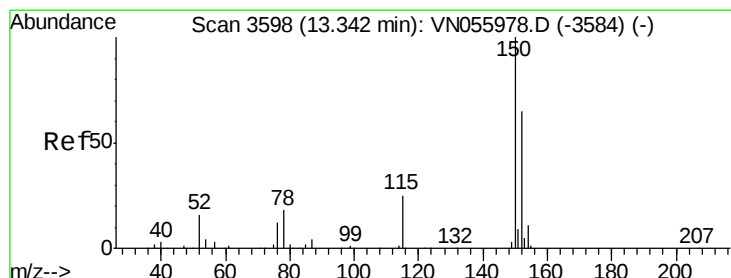
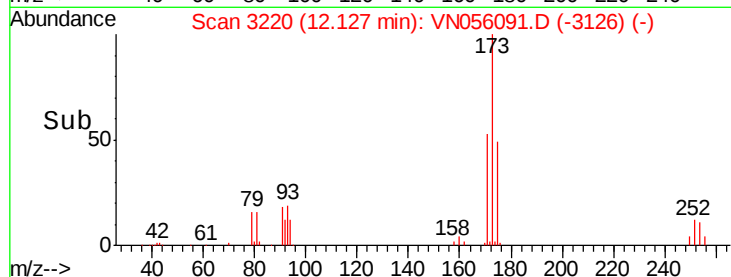
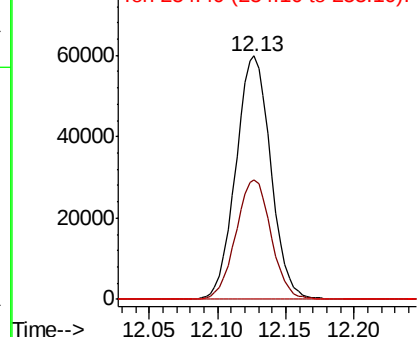
#71
Bromoform
Concen: 45.061 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:173 Resp: 106358
Ion Ratio Lower Upper
173 100
175 49.3 24.3 72.8
254 0.0 0.0 0.0

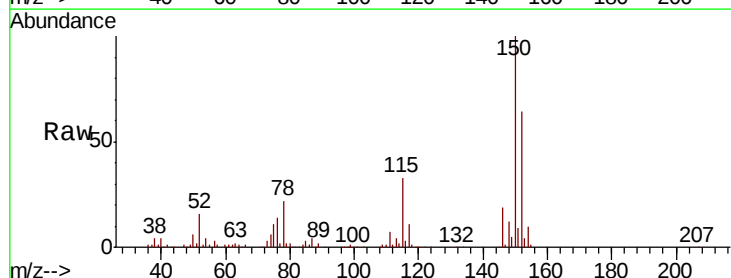


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

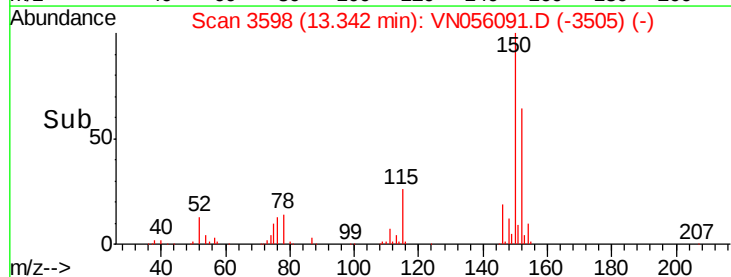
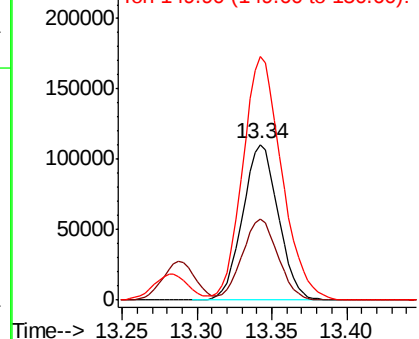


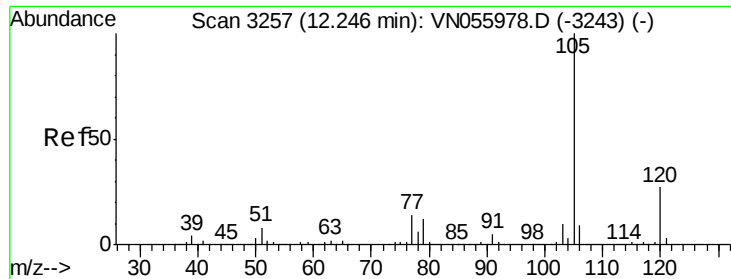
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion:152 Resp: 183209
Ion Ratio Lower Upper
152 100
115 52.0 27.0 81.0
150 171.6 0.0 343.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.874 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

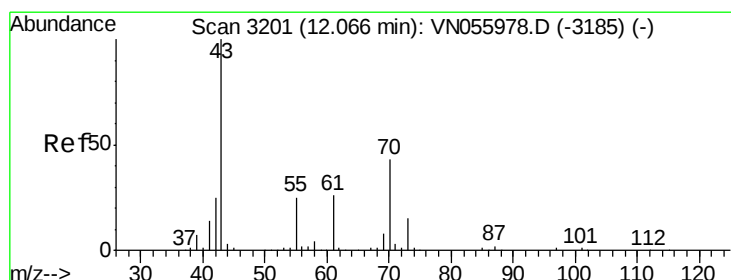
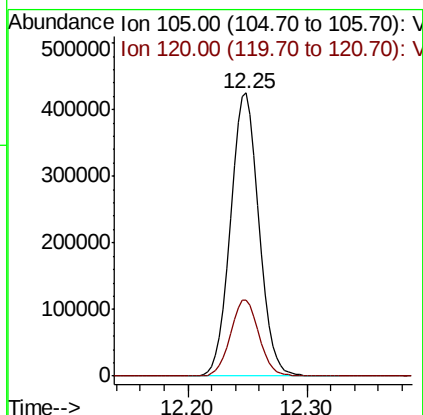
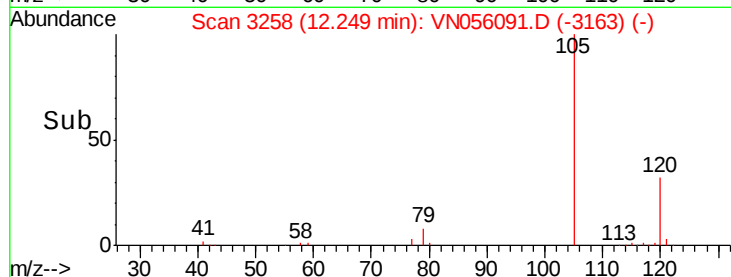
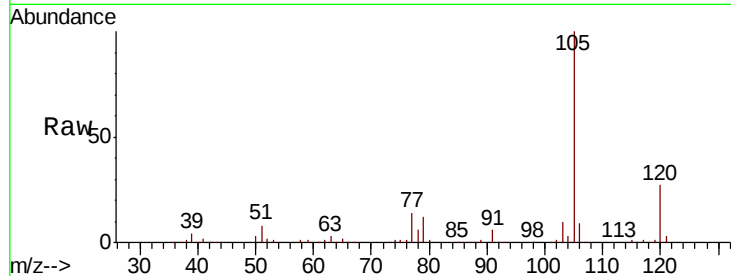
VSTDCCC050

Tot Ion:105 Resp: 701096

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



#74

N-ethyl acetate

Concen: 50.206 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Tgt Ion: 43 Resp: 245194

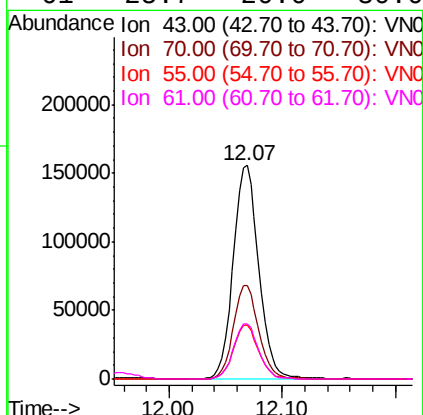
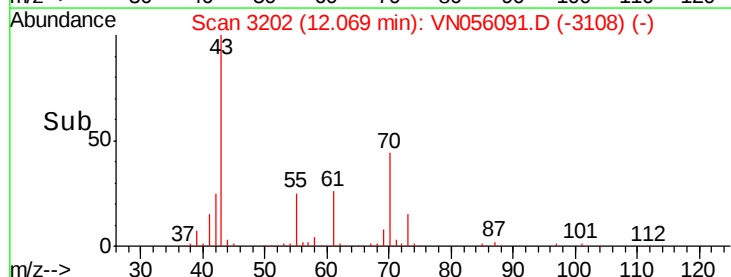
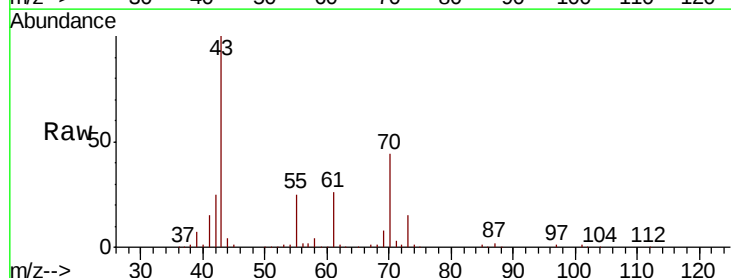
Ion Ratio Lower Upper

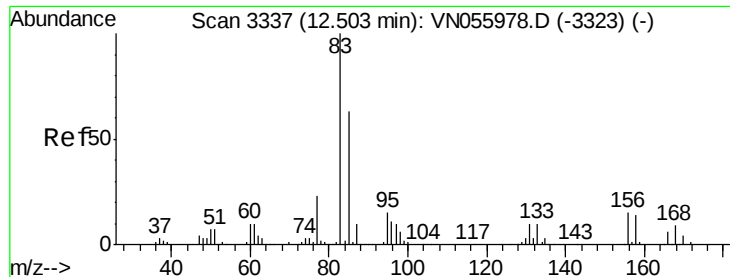
43 100

70 43.7 34.0 51.0

55 25.0 18.6 28.0

61 25.7 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.471 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

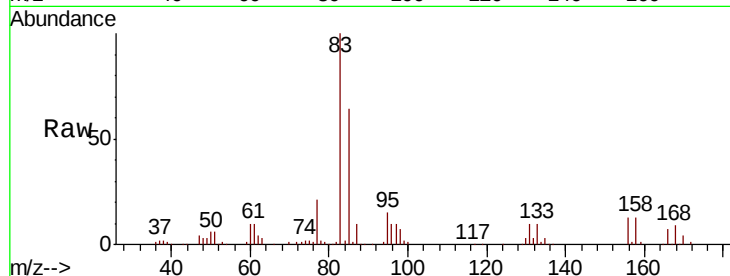
Tot Ion: 83 Resp: 210402

Ion Ratio Lower Upper

83 100

131 10.7 5.4 16.2

85 64.5 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN055978.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN055978.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN055978.D (-3323) (-)

12.50

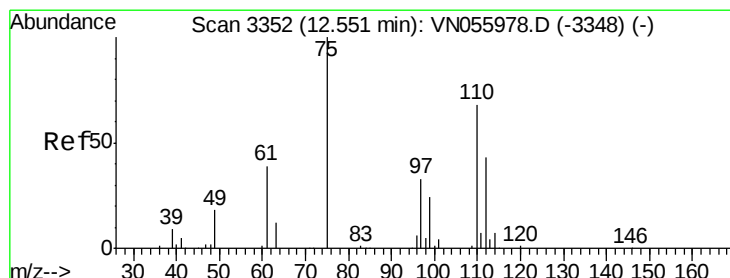
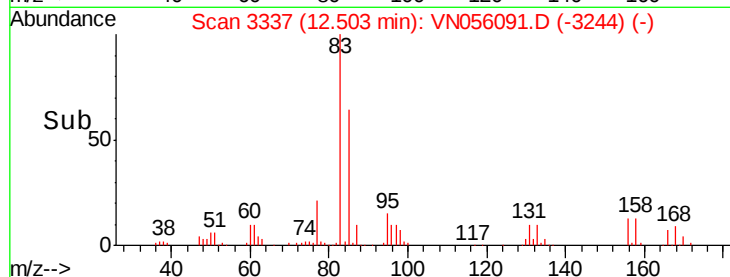
150000

100000

50000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 72.739 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056091.D

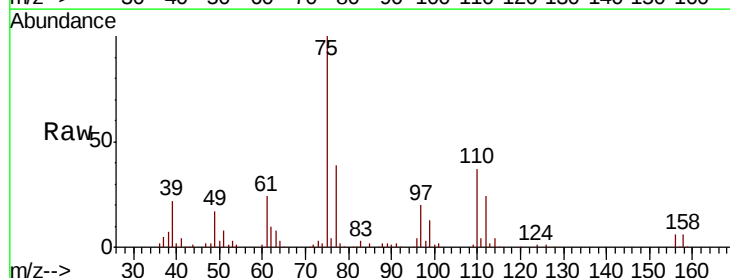
Acq: 7 Jun 2019 11:25

Tgt Ion: 75 Resp: 245212

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3348) (-)

Ion 77.00 (76.70 to 77.70): VN055978.D (-3348) (-)

12.55

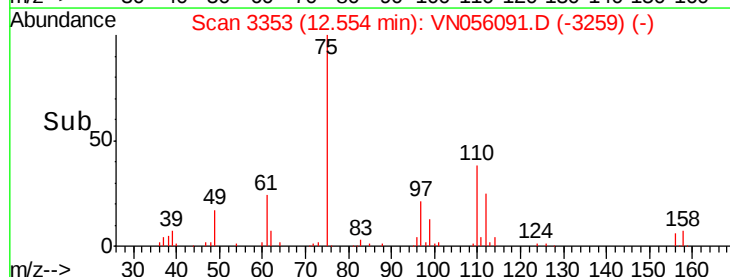
150000

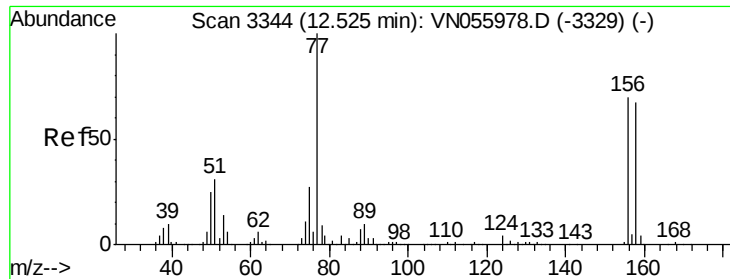
100000

50000

0

Time-->





#77

Bromobenzene

Concen: 47.946 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

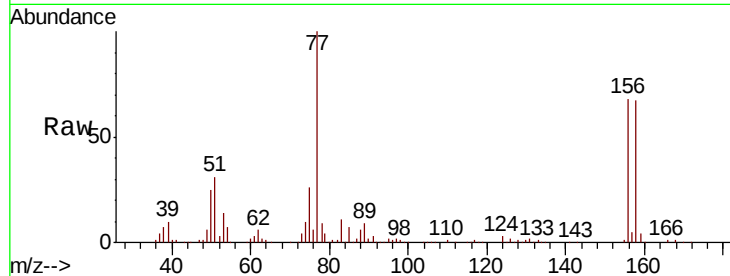
Tot Ion:156 Resp: 188067

Ion Ratio Lower Upper

156 100

77 176.5 90.8 272.5

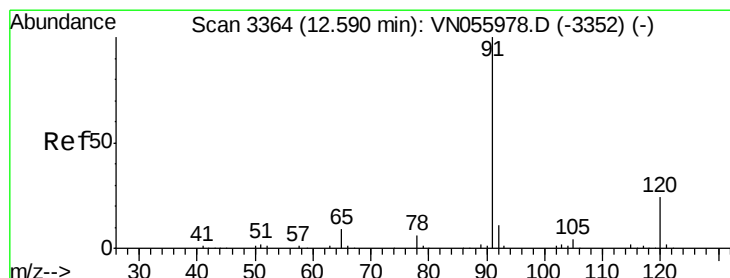
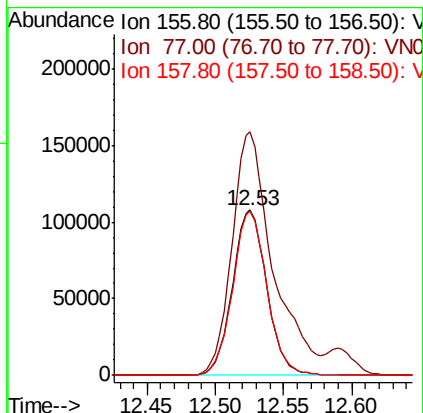
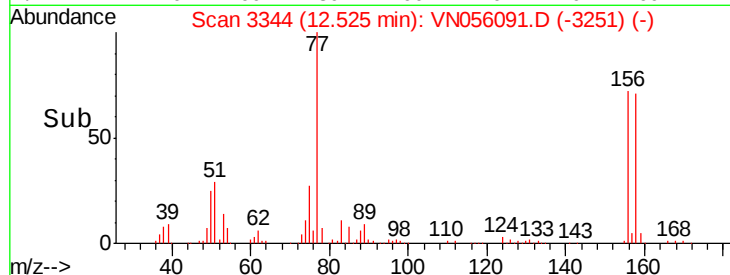
158 98.9 49.3 147.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.531 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN056091.D

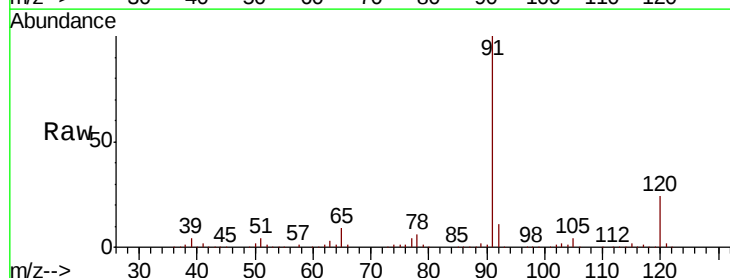
Acq: 7 Jun 2019 11:25

Tgt Ion: 91 Resp: 752202

Ion Ratio Lower Upper

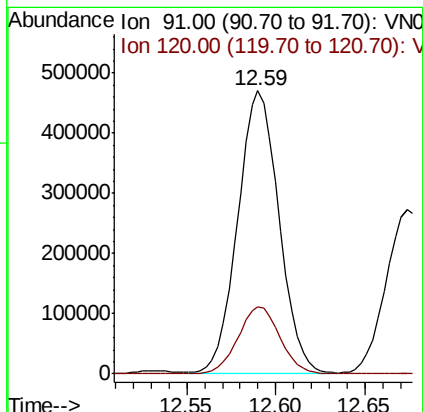
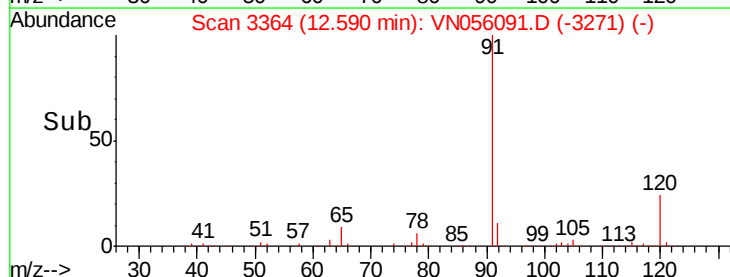
91 100

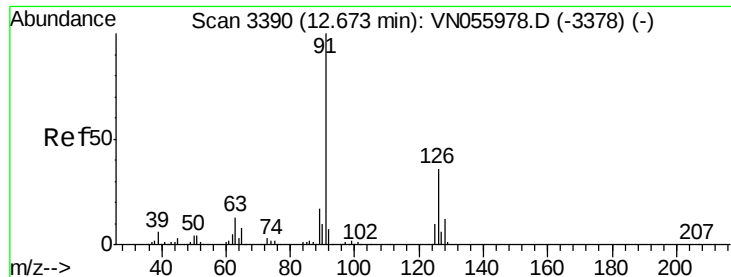
120 24.1 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.309 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

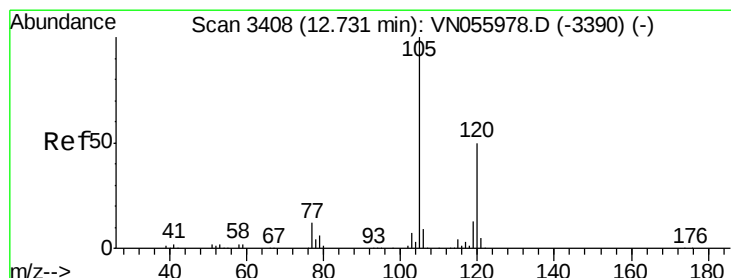
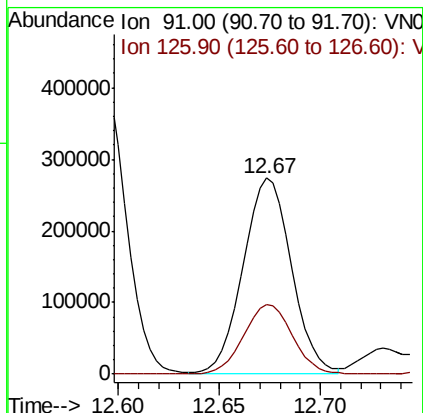
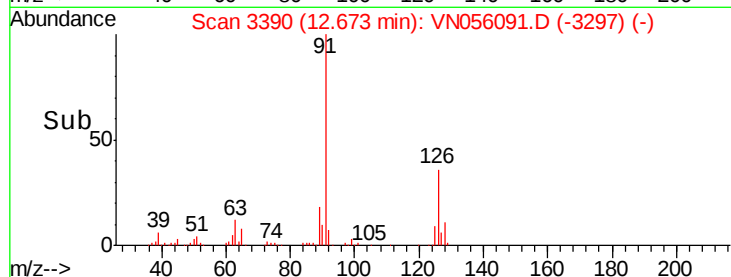
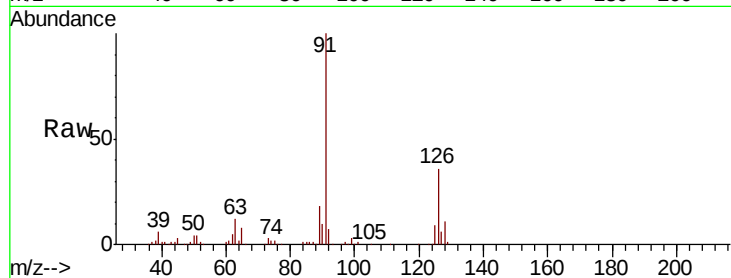
VSTDCCC050

Tot Ion: 91 Resp: 456981

Ion Ratio Lower Upper

91 100

126 36.2 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 47.030 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN056091.D

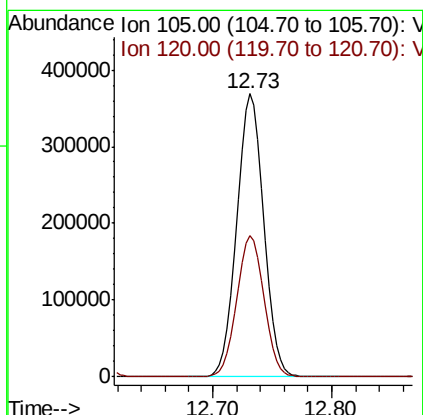
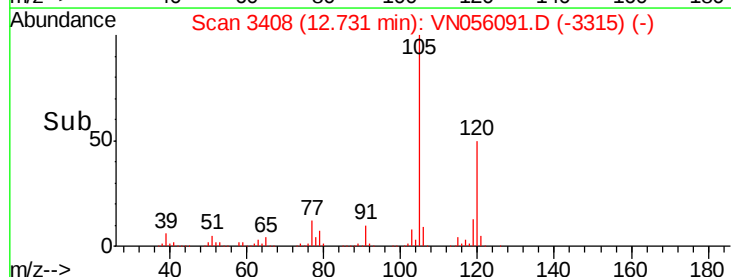
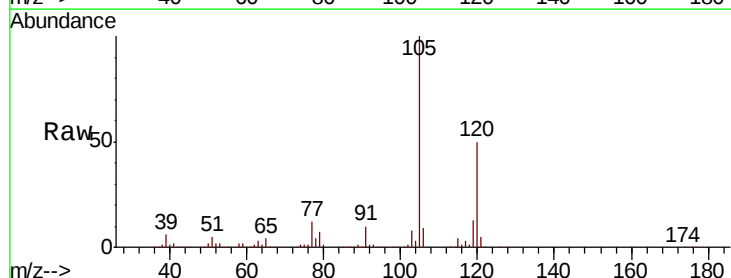
Acq: 7 Jun 2019 11:25

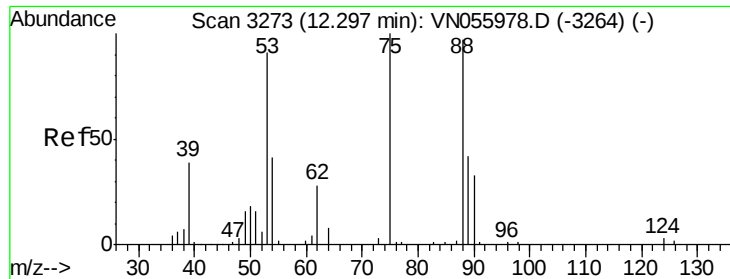
Tgt Ion: 105 Resp: 579327

Ion Ratio Lower Upper

105 100

120 50.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 50.251 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

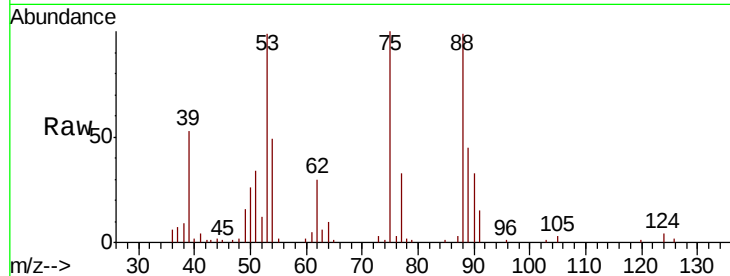
Tot Ion: 75 Resp: 50869

Ion Ratio Lower Upper

75 100

53 98.5 68.1 102.1

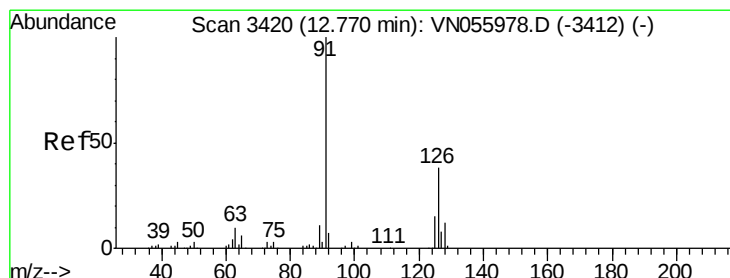
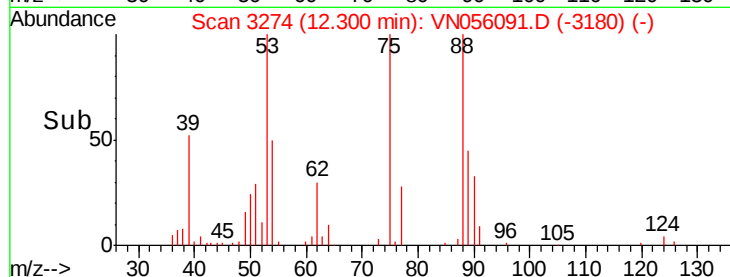
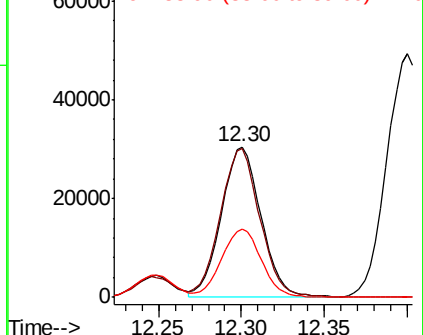
89 45.1 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN055978.D (-3264) (-)

Ion 53.00 (52.70 to 53.70): VN055978.D (-3264) (-)

Ion 88.90 (88.60 to 89.60): VN055978.D (-3264) (-)



#82

4-Chlorotoluene

Concen: 48.943 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056091.D

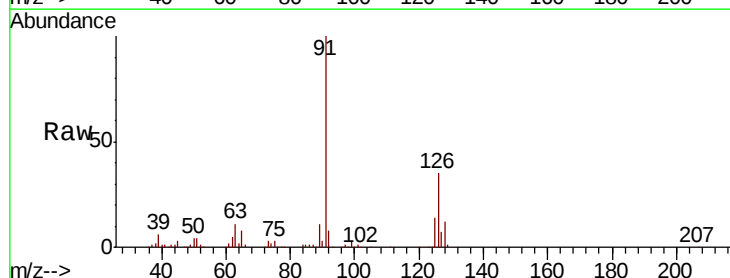
Acq: 7 Jun 2019 11:25

Tgt Ion: 91 Resp: 443804

Ion Ratio Lower Upper

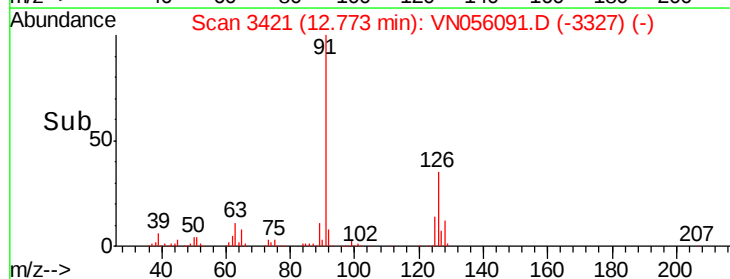
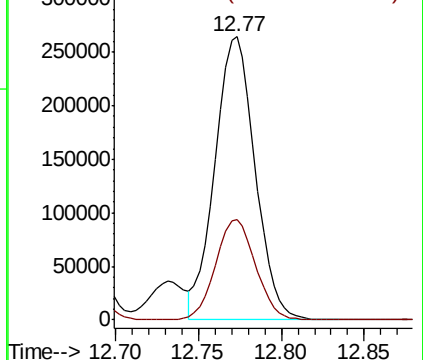
91 100

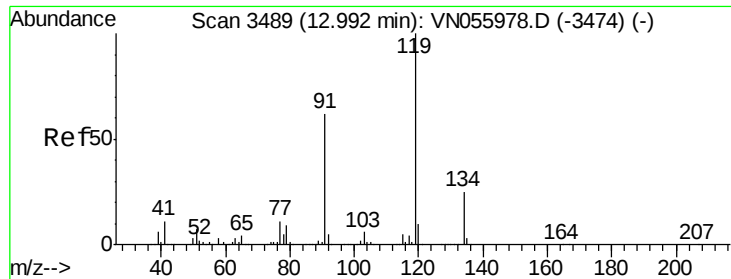
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN055978.D (-3412) (-)

Ion 125.90 (125.60 to 126.60): VN055978.D (-3412) (-)

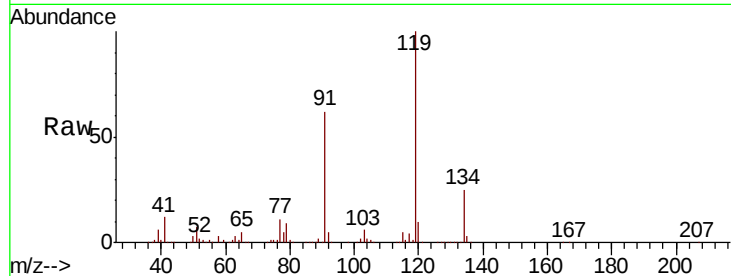




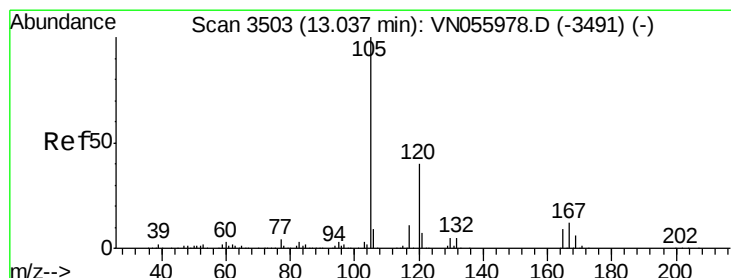
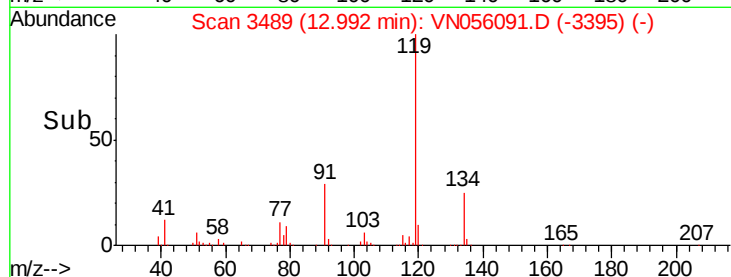
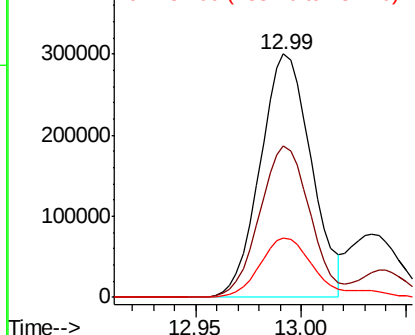
#83
tert-Butylbenzene
Concen: 52.966 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 504682
Ion Ratio Lower Upper
119 100
91 61.5 30.9 92.8
134 27.0 13.3 39.8

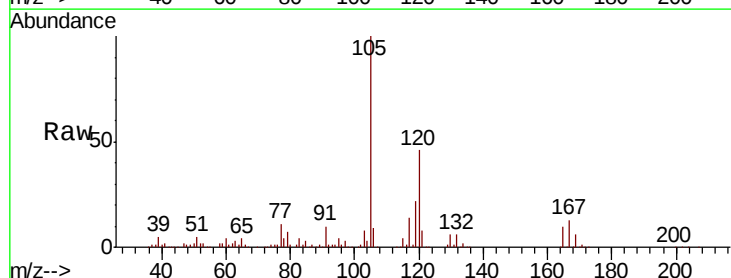


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

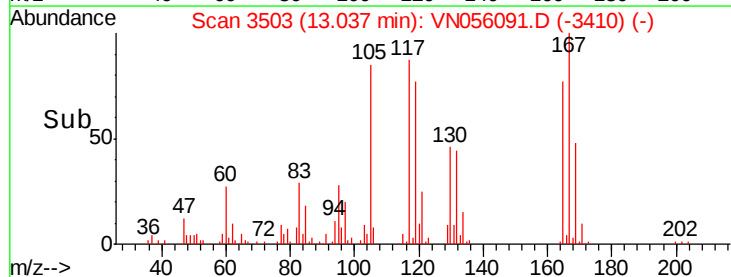
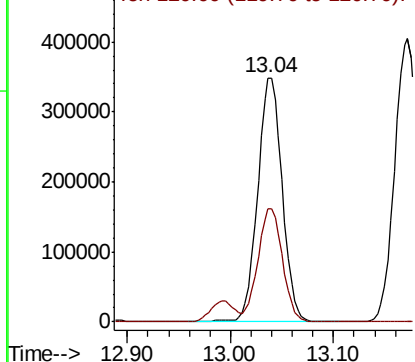


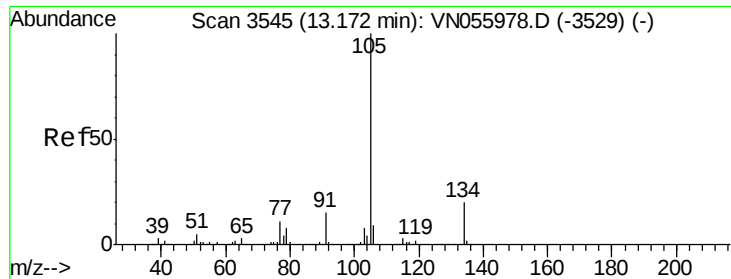
#84
1,2,4-Trimethylbenzene
Concen: 48.916 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion:105 Resp: 571406
Ion Ratio Lower Upper
105 100
120 46.6 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.631 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

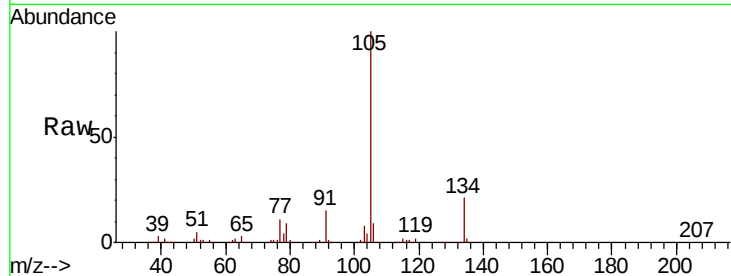
VSTDCCC050

Tot Ion:105 Resp: 653784

Ion Ratio Lower Upper

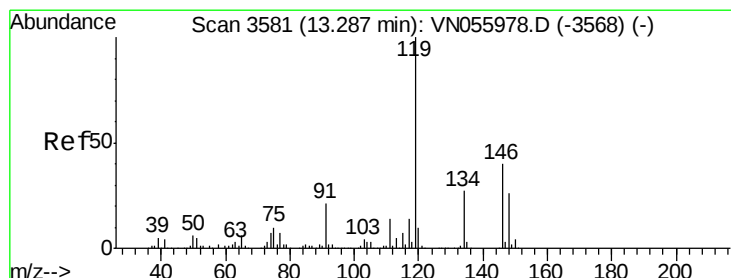
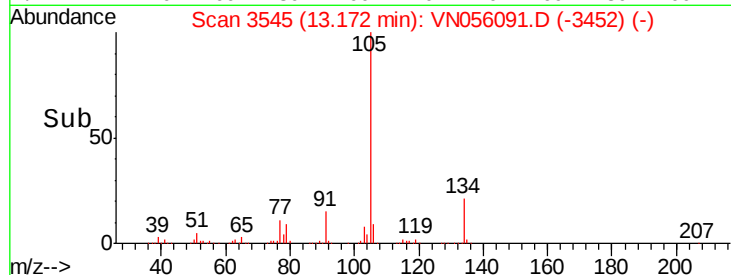
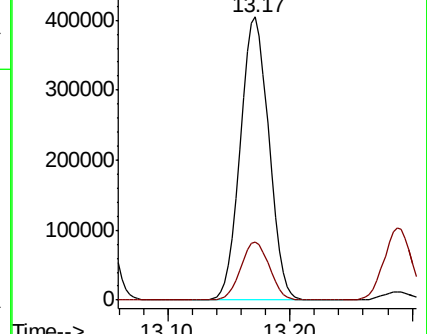
105 100

134 20.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.542 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

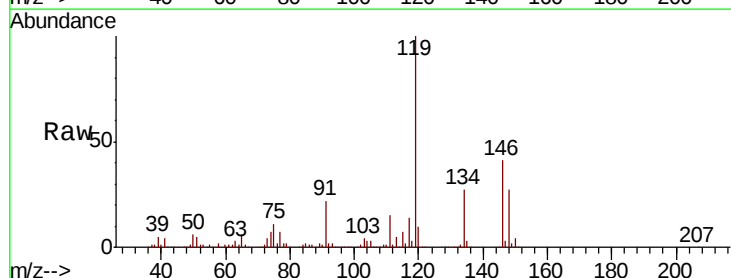
Tgt Ion:119 Resp: 596313

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

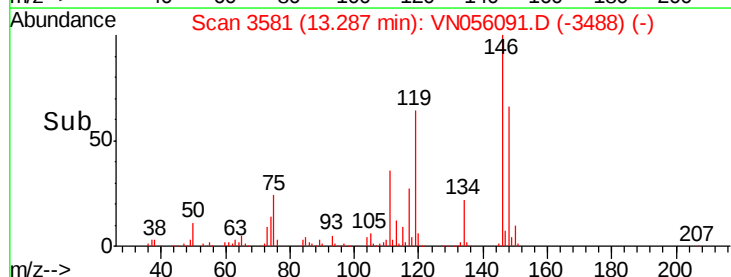
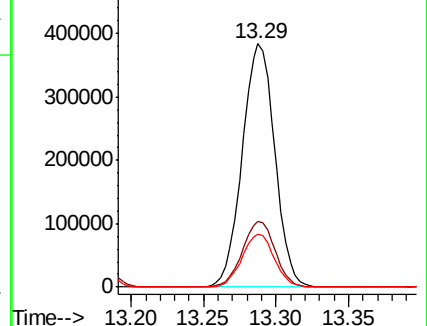
91 21.5 10.9 32.9

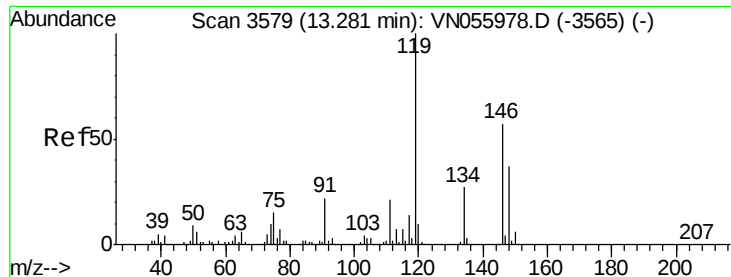


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

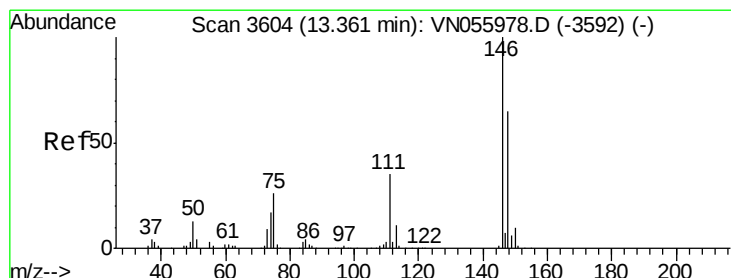
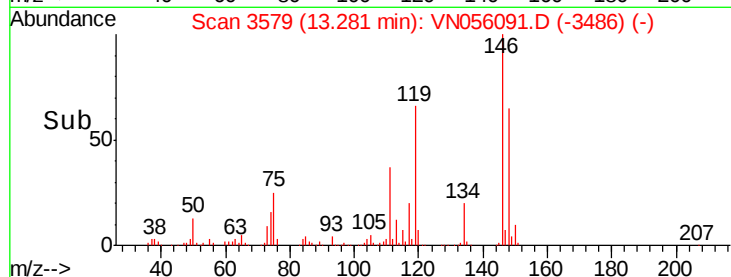
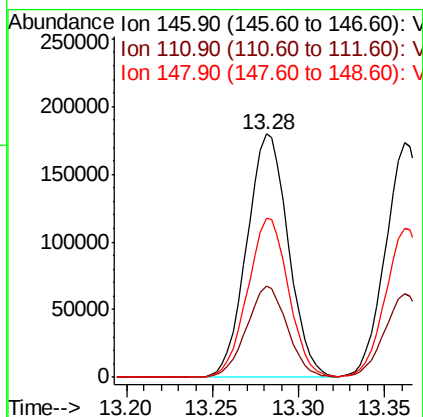
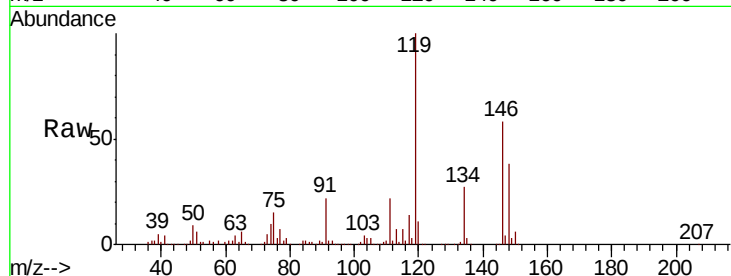




#87
 1,3-Dichlorobenzene
 Concen: 49.476 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

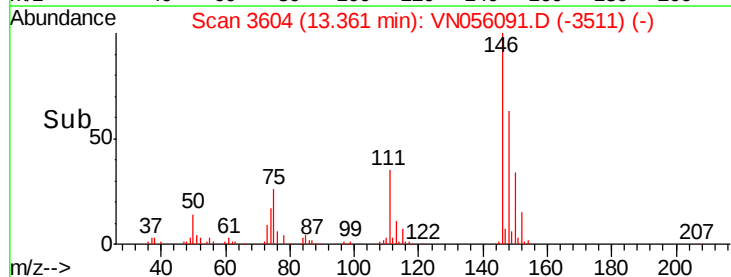
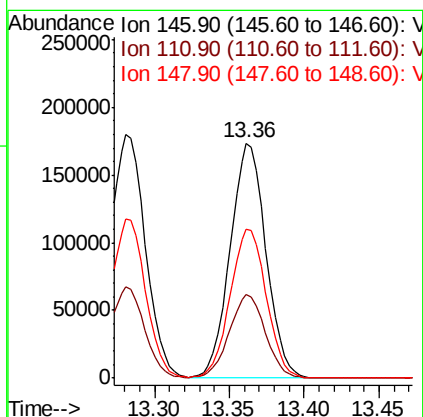
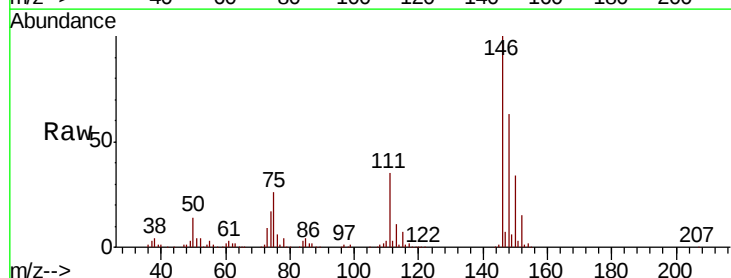
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

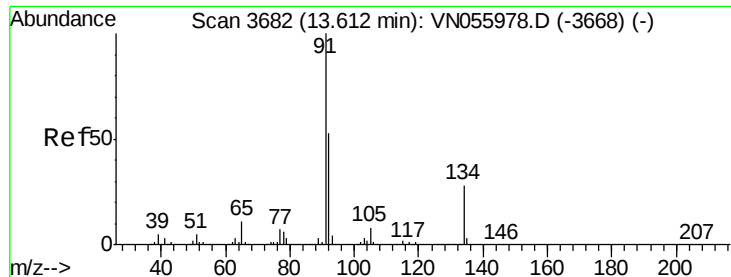
Tot Ion:146 Resp: 300362
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.5 55.5
 148 64.6 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 49.369 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion:146 Resp: 288309
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.1 54.4
 148 64.1 32.1 96.5

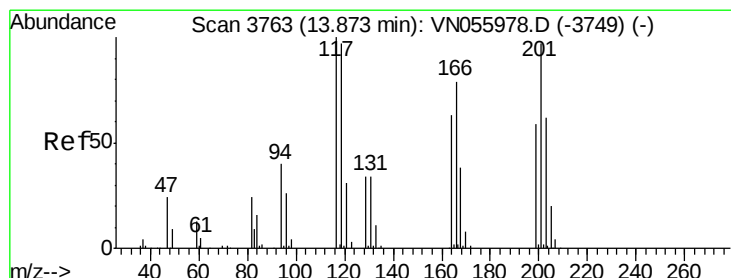
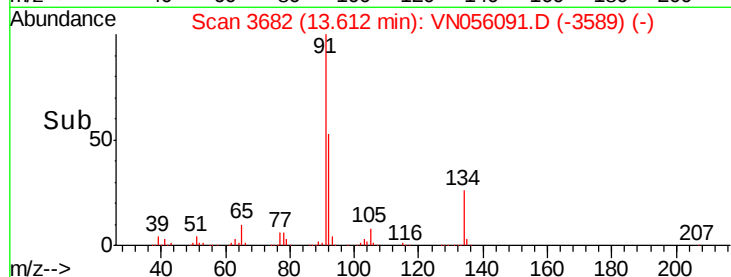
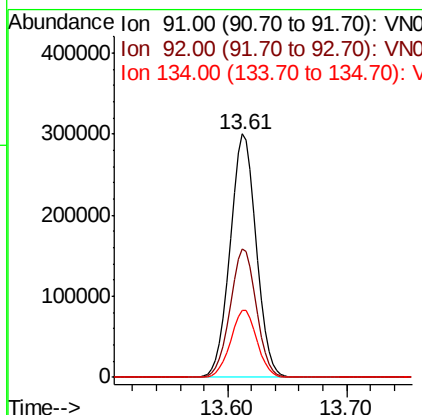
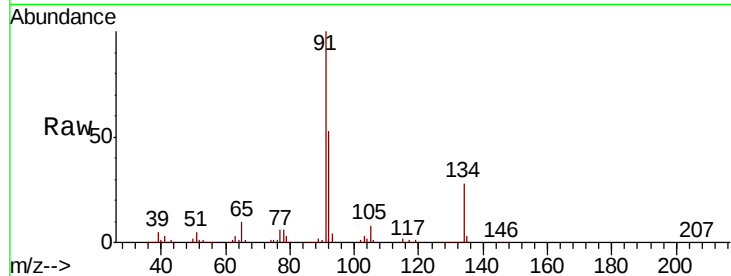




#89
n-Butylbenzene
Concen: 50.127 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

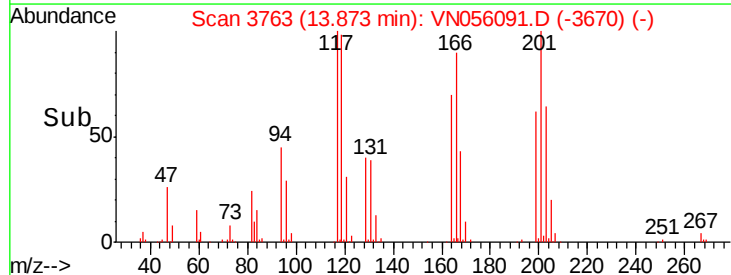
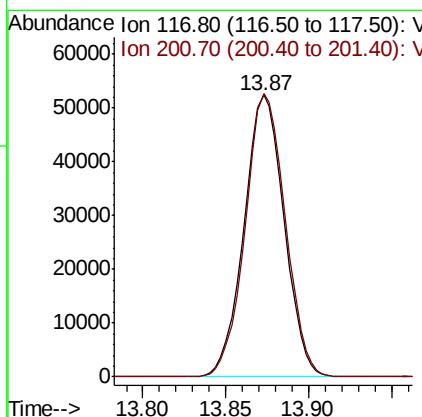
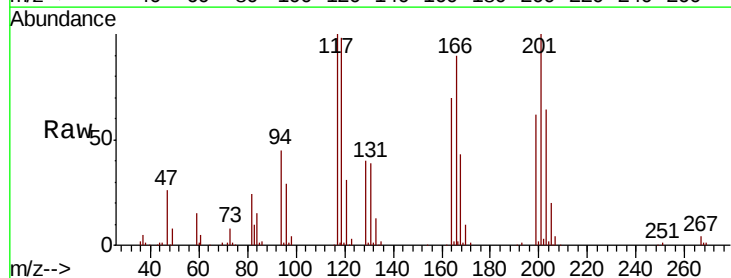
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

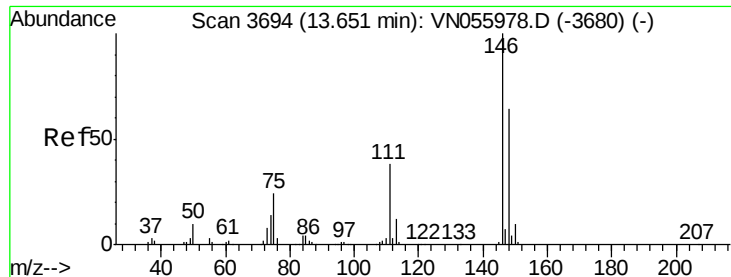
Tot Ion: 91 Resp: 456160
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 27.8 13.9 41.7



#90
Hexachloroethane
Concen: 47.556 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Tgt Ion: 117 Resp: 88102
Ion Ratio Lower Upper
117 100
201 100.2 50.0 150.0





#91

1,2-Dichlorobenzene

Concen: 48.842 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

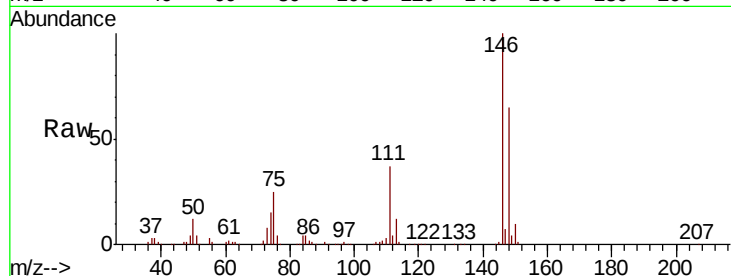
Tot Ion:146 Resp: 299363

Ion Ratio Lower Upper

146 100

111 37.5 19.1 57.5

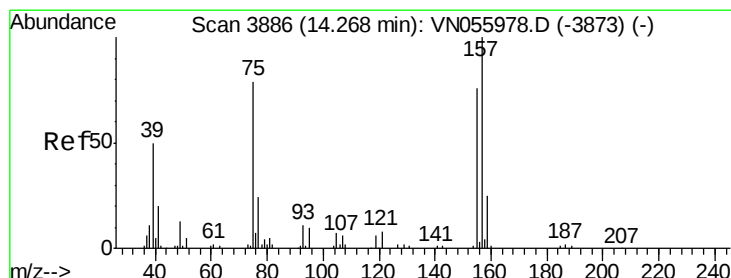
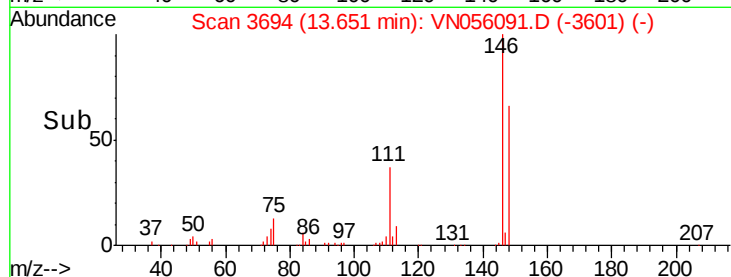
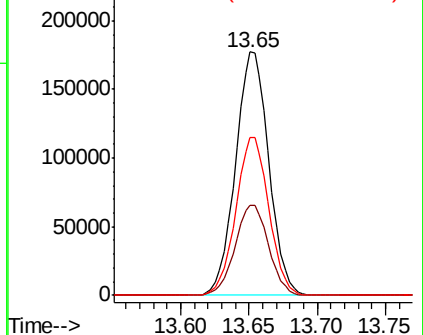
148 64.4 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.688 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

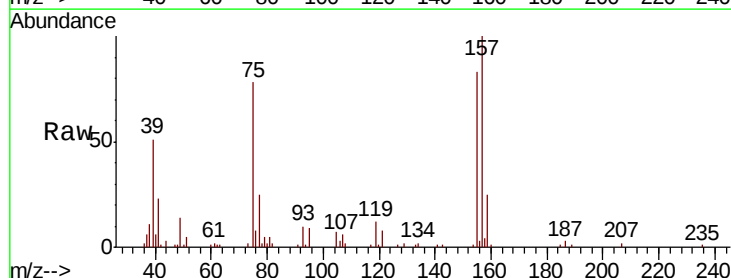
Tgt Ion: 75 Resp: 32051

Ion Ratio Lower Upper

75 100

155 103.6 50.0 150.1

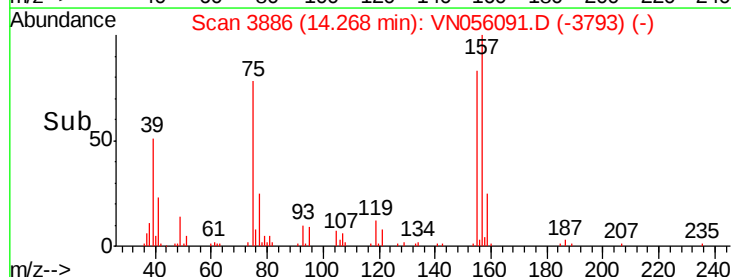
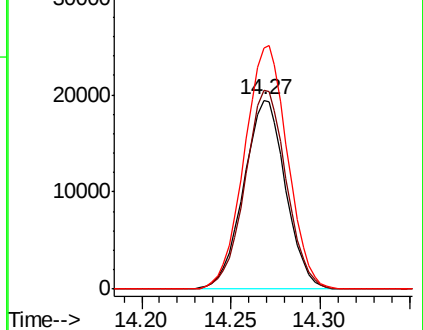
157 132.6 64.8 194.3

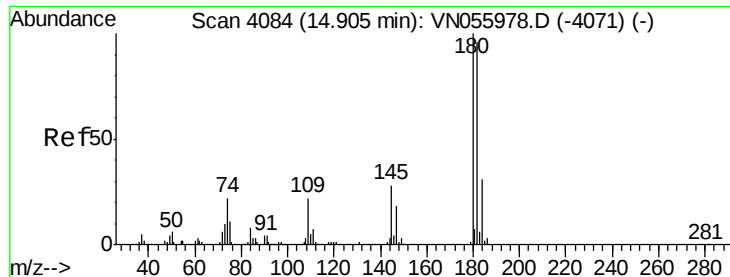


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

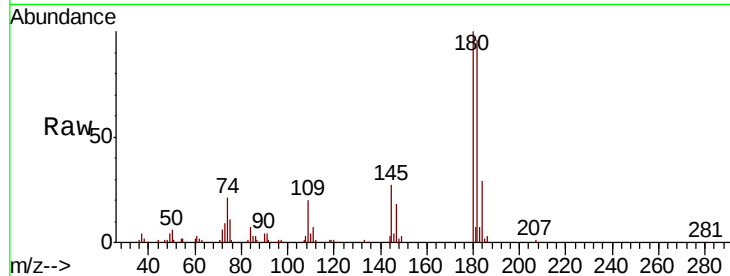




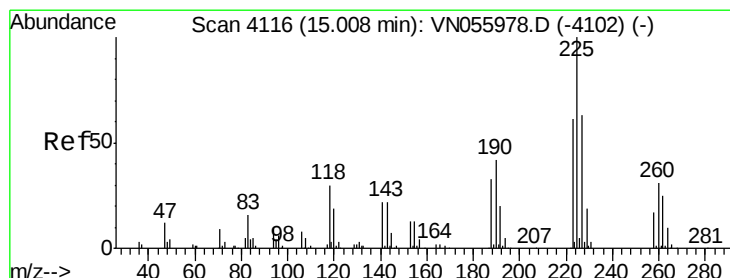
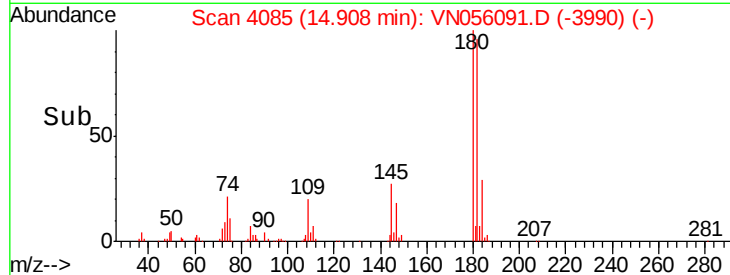
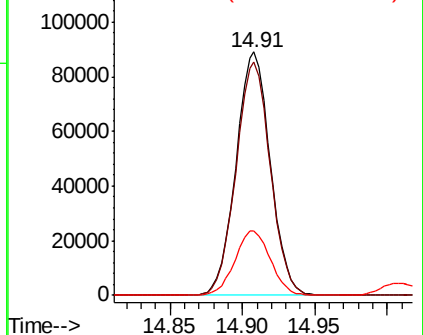
#93
 1,2,4-Trichlorobenzene
 Concen: 43.821 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 146059
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.3 144.9
 145 27.3 14.0 41.9

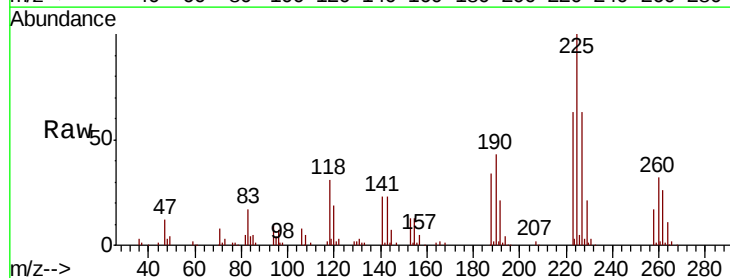


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

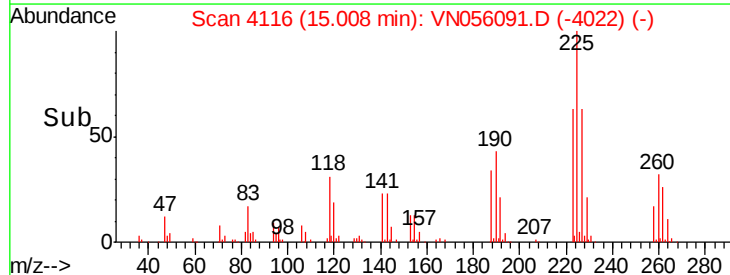
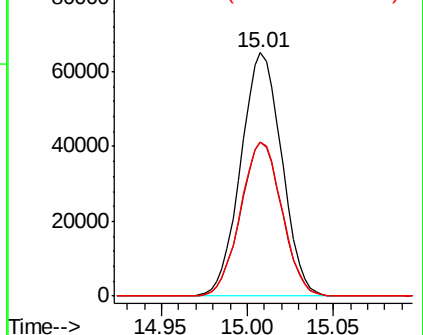


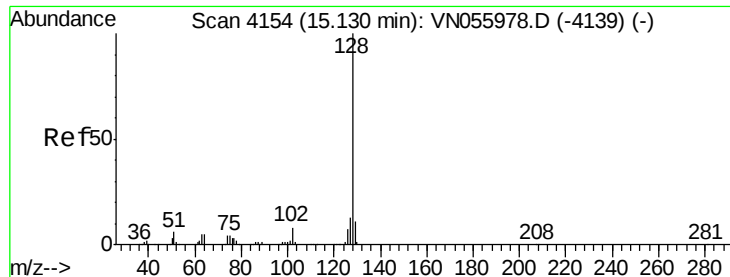
#94
 Hexachlorobutadiene
 Concen: 51.268 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Tgt Ion:225 Resp: 107663
 Ion Ratio Lower Upper
 225 100
 223 63.4 30.9 92.7
 227 64.2 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 44.757 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

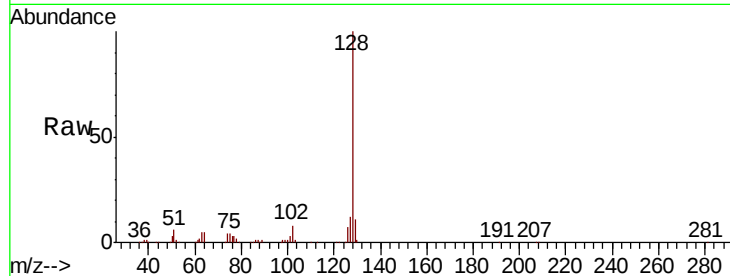
Tot Ion:128 Resp: 388372

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.7 13.1

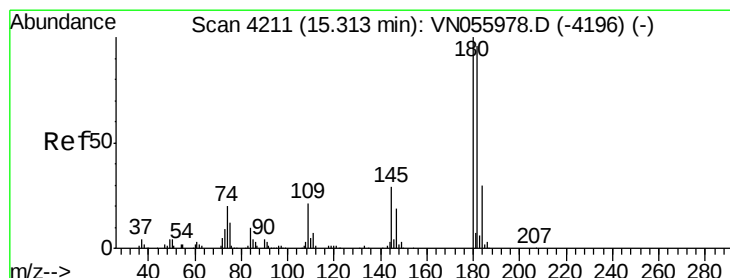
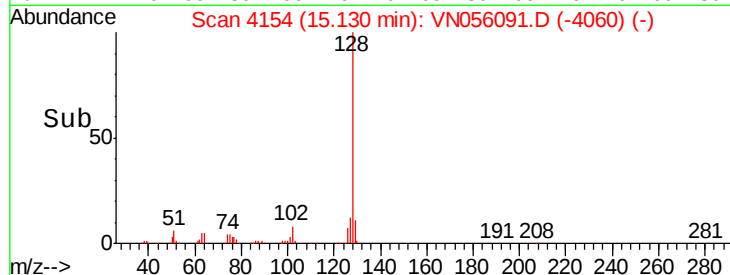
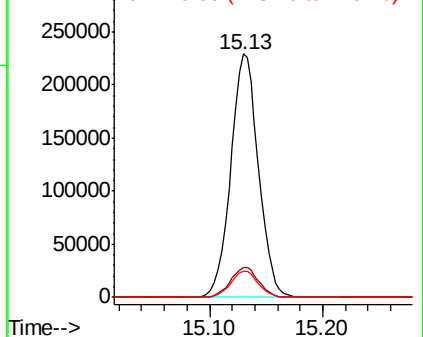


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.994 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056091.D

Acq: 7 Jun 2019 11:25

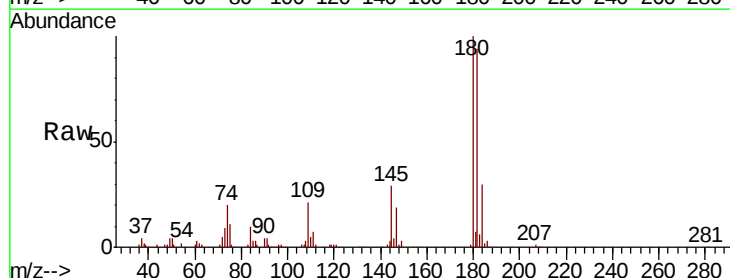
Tgt Ion:180 Resp: 157429

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.7

145 29.2 14.9 44.7



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

