

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 :

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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Quant Time: Jun 08 05:09:16 2019
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 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)

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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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

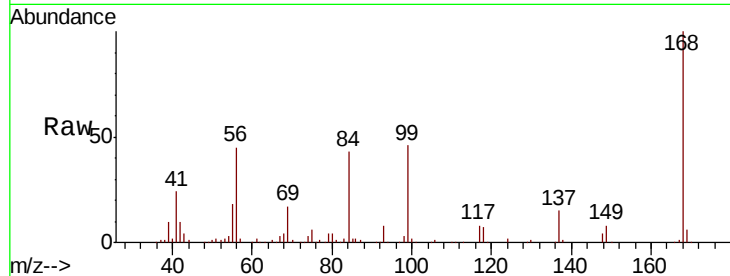
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 312907

Ion Ratio Lower Upper

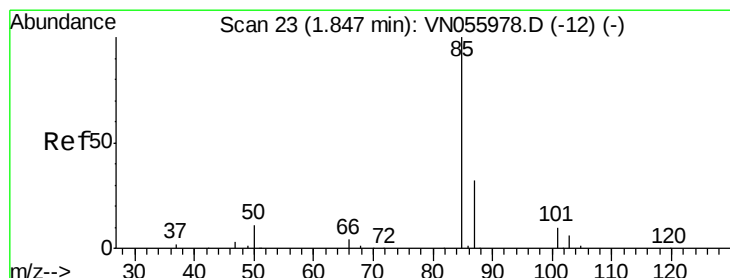
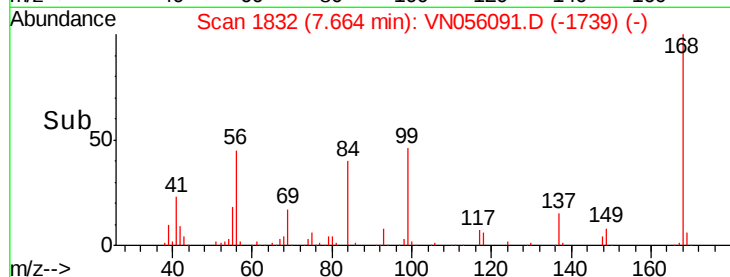
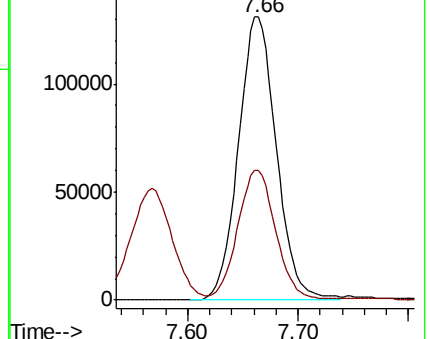
168 100

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

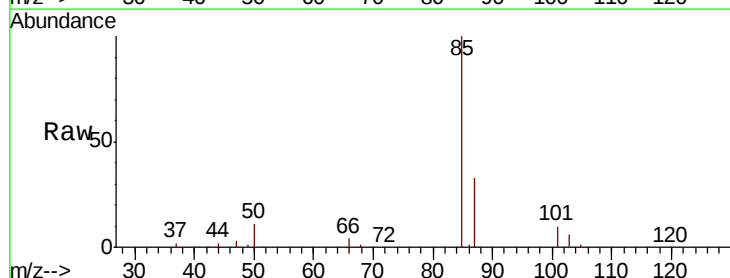
Acq: 7 Jun 2019 11:25

Tgt Ion: 85 Resp: 166862

Ion Ratio Lower Upper

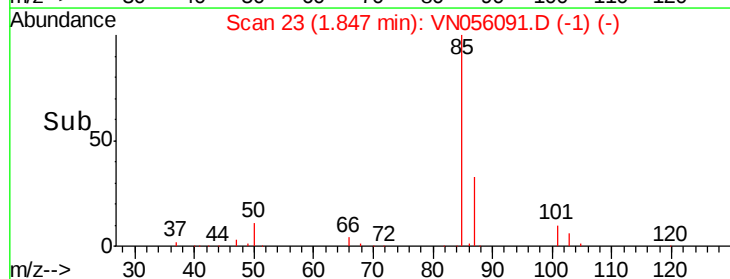
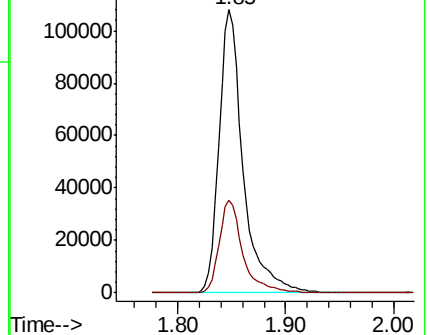
85 100

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

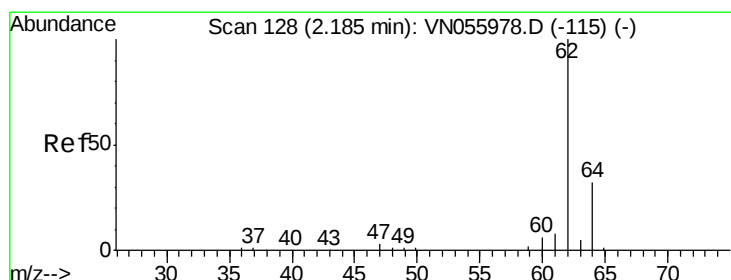
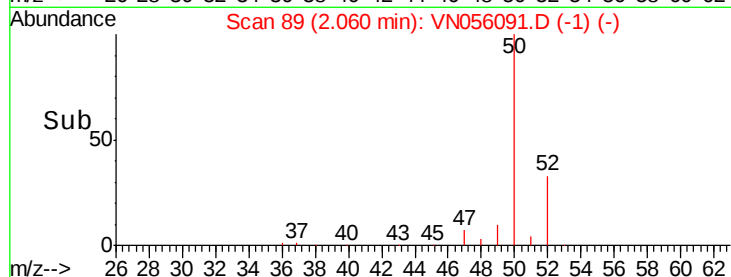
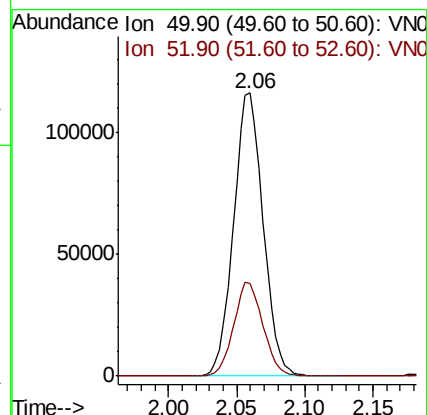
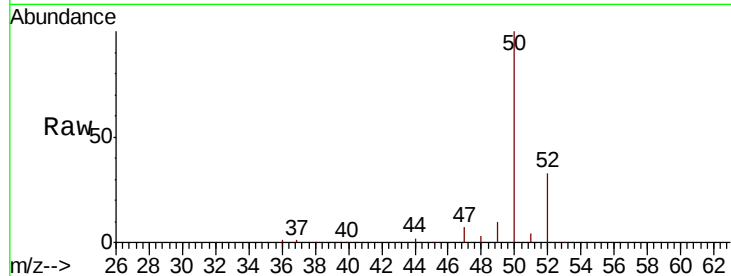
ClientSampled :

Tot Ion: 50 Resp: 174729

Ion Ratio Lower Upper

50 100

52 32.8 26.6 40.0



#4

Vinyl Chloride

Concen: 51.012 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056091.D

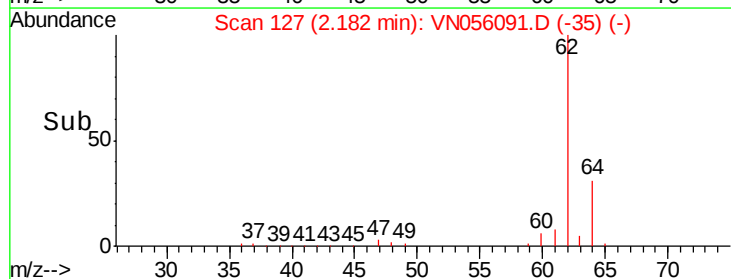
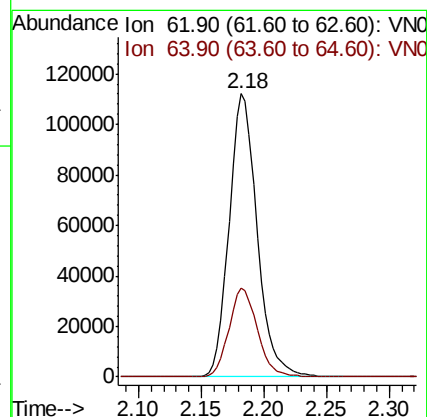
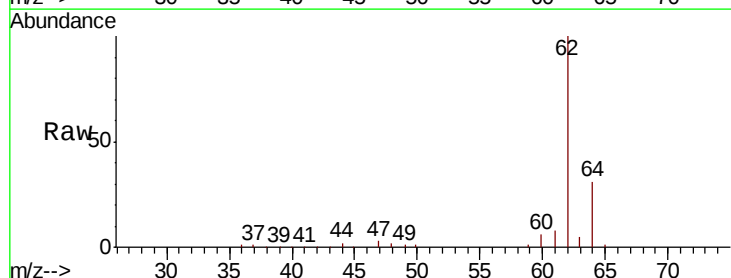
Acq: 7 Jun 2019 11:25

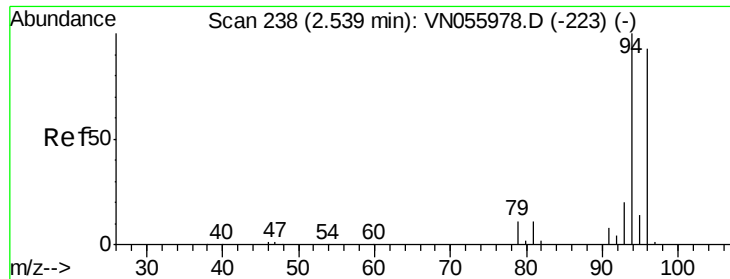
Tgt Ion: 62 Resp: 173563

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4





#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

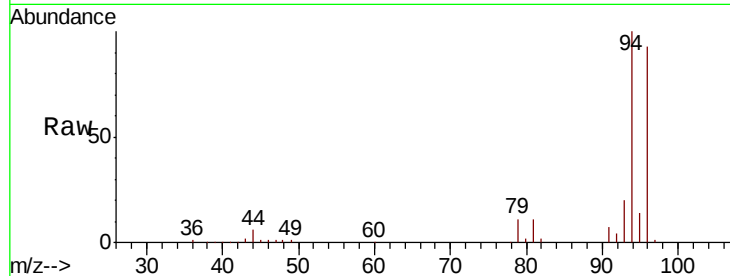
ClientSampleId :

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): VN055978.D (-223) (-)

Ion 95.90 (95.60 to 96.60): VN055978.D (-223) (-)

2.53

60000

50000

40000

30000

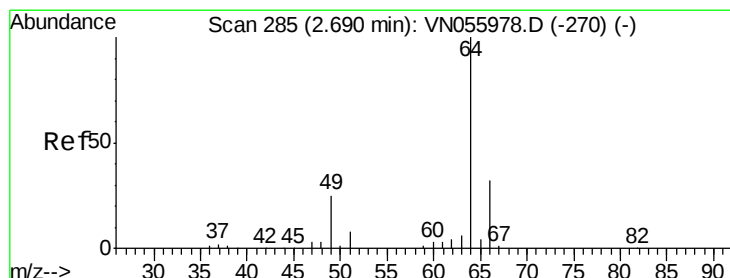
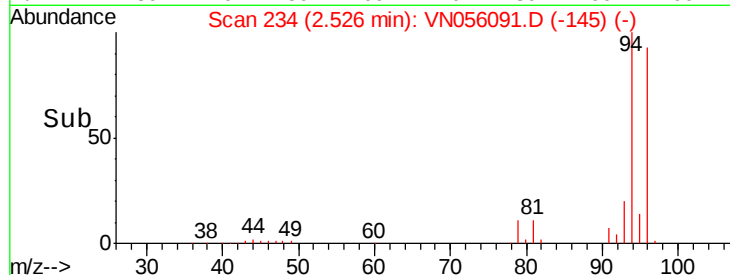
20000

10000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 49.647 ug/l

RT: 2.68 min Scan# 281

Delta R.T. -0.01 min

Lab File: VN056091.D

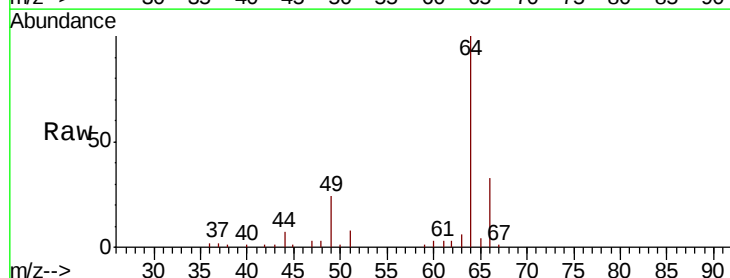
Acq: 7 Jun 2019 11:25

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): VN055978.D (-270) (-)

Ion 65.90 (65.60 to 66.60): VN055978.D (-270) (-)

2.68

50000

40000

30000

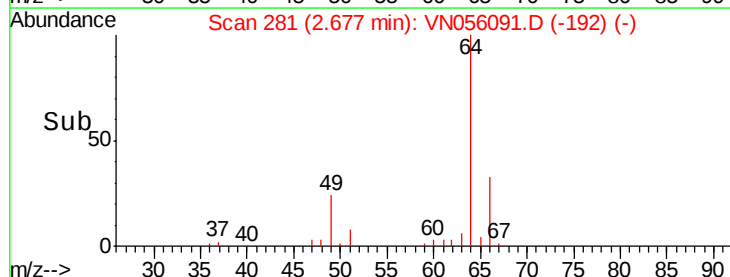
20000

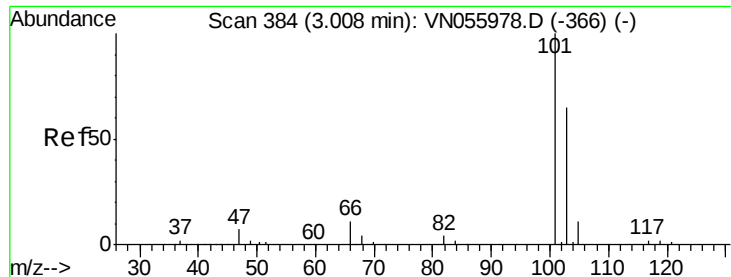
10000

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Time-->

2.60 2.70 2.80



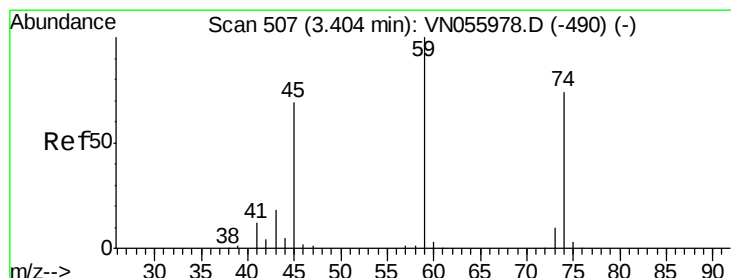
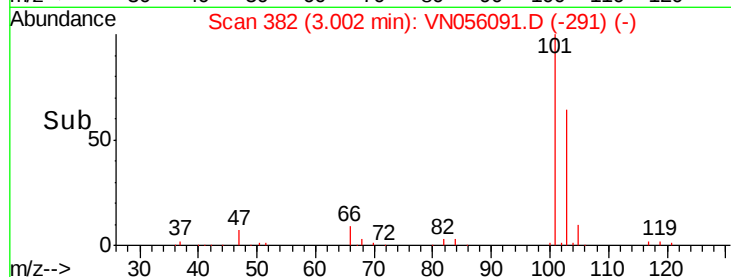
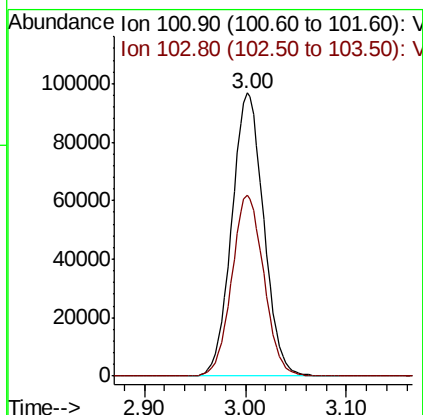
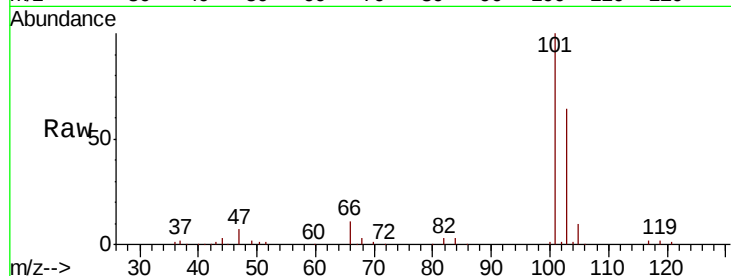


#7

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 :
MSVOA_N
ClientSampled :

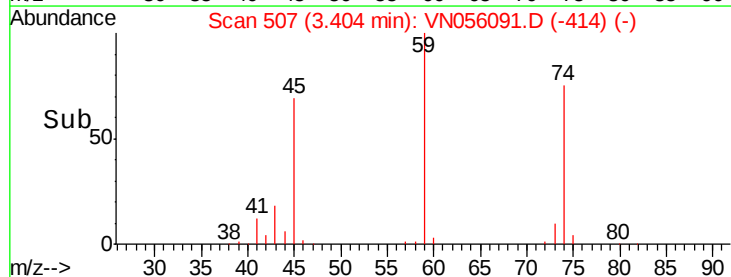
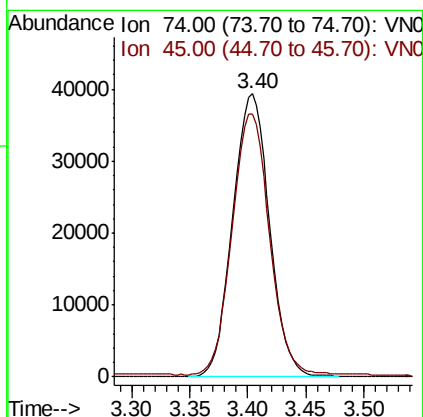
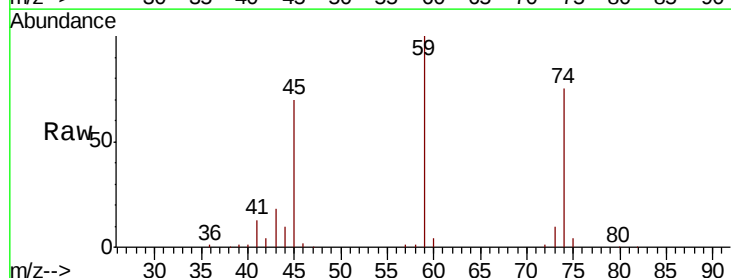
Tot Ion:101 Resp: 212707
Ion Ratio Lower Upper
101 100
103 63.9 51.2 76.8



#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

ClientSampled :

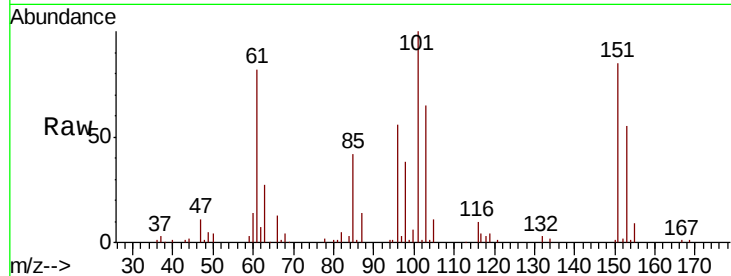
Tot Ion:101 Resp: 135649

Ion Ratio Lower Upper

101 100

85 40.2 33.4 50.2

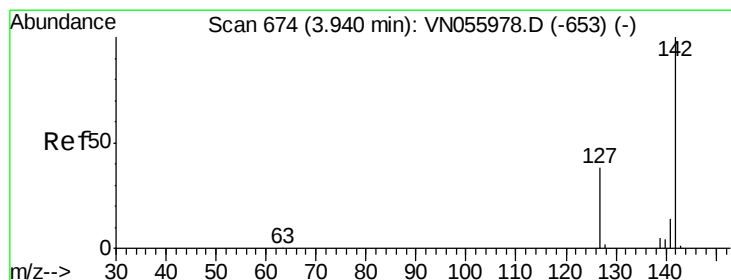
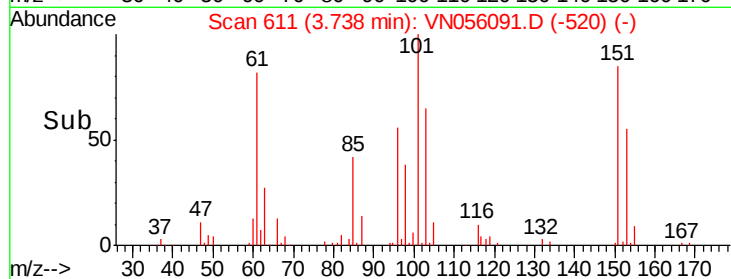
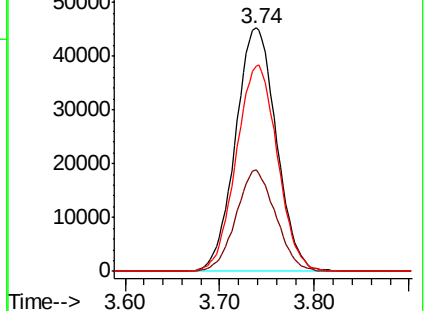
151 85.4 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

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

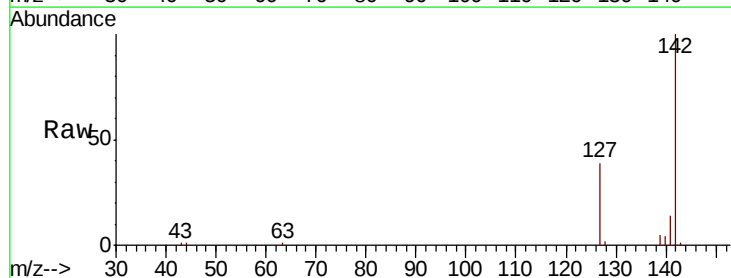
Tgt Ion:142 Resp: 197077

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

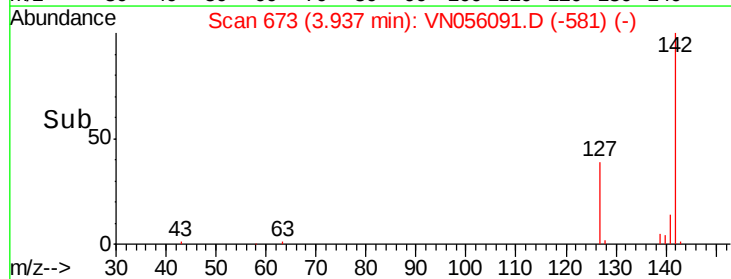
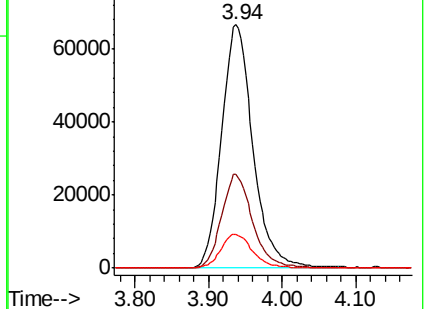
141 14.2 11.4 17.0

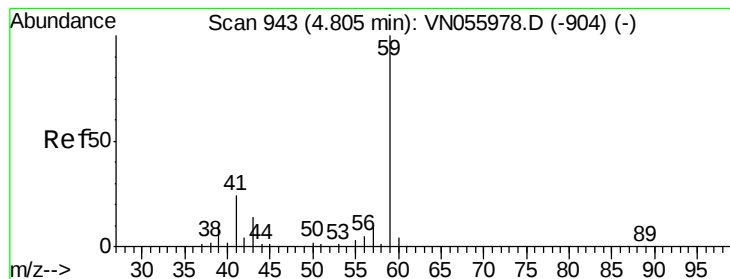


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



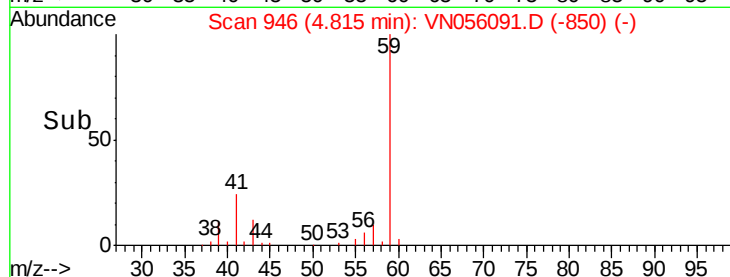
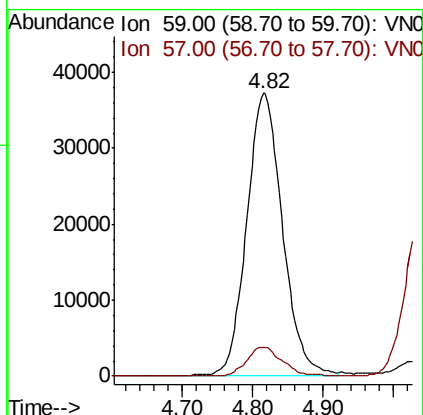
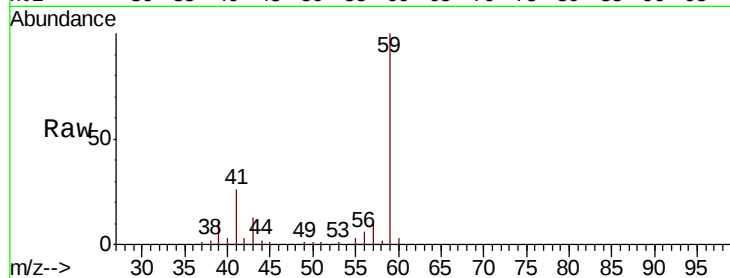


#11

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 :

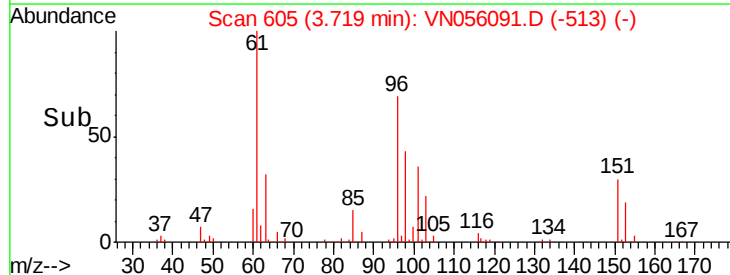
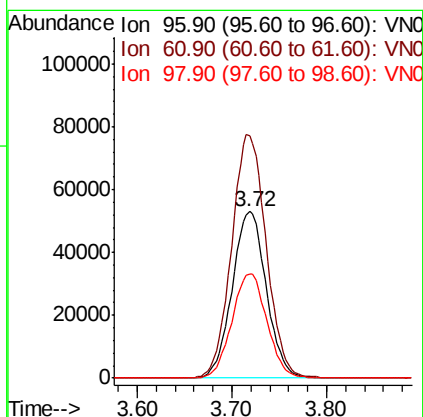
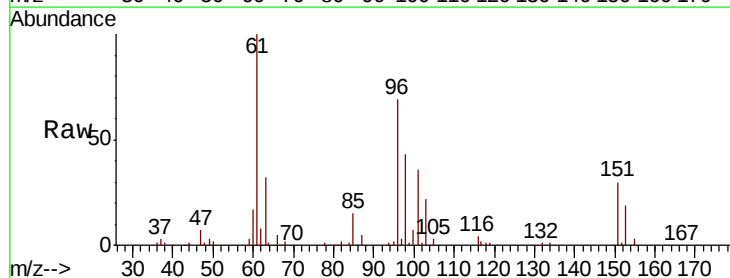
Tot Ion: 59 Resp: 131970
 Ion Ratio Lower Upper
 59 100
 57 10.2 7.8 11.6

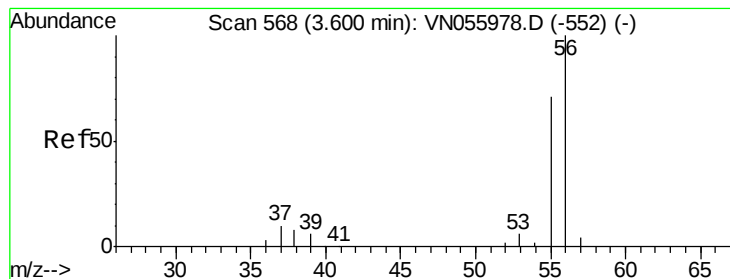


#12

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

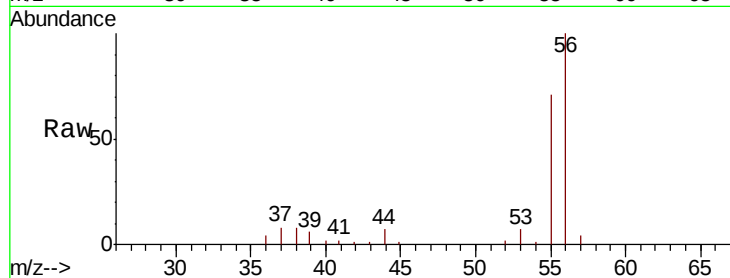
Instrument :
MSVOA_N
ClientSampled :

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): VN055978.D (-552) (-)

Ion 55.00 (54.70 to 55.70): VN055978.D (-552) (-)

3.60

20000

15000

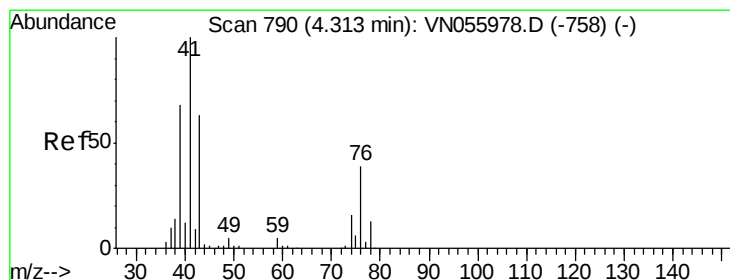
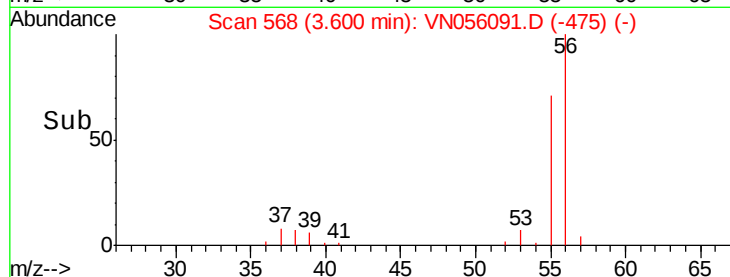
10000

5000

0

Time-->

3.50 3.55 3.60 3.65 3.70



#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

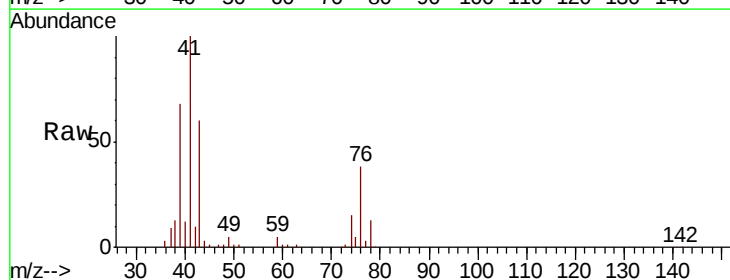
Tgt Ion: 41 Resp: 208018

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): VN055978.D (-758) (-)

Ion 39.00 (38.70 to 39.70): VN055978.D (-758) (-)

Ion 75.90 (75.60 to 76.60): VN055978.D (-758) (-)

4.31

80000

60000

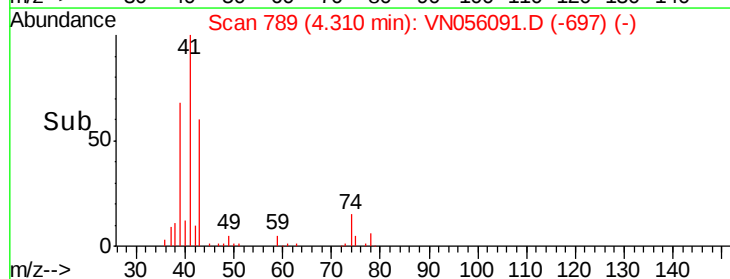
40000

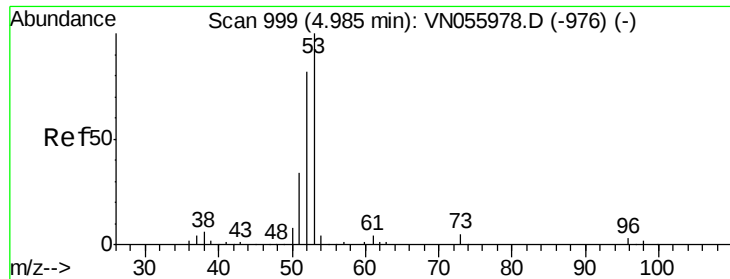
20000

0

Time-->

4.20 4.30 4.40





#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 :

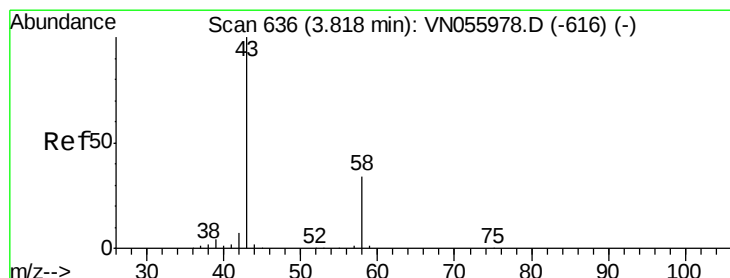
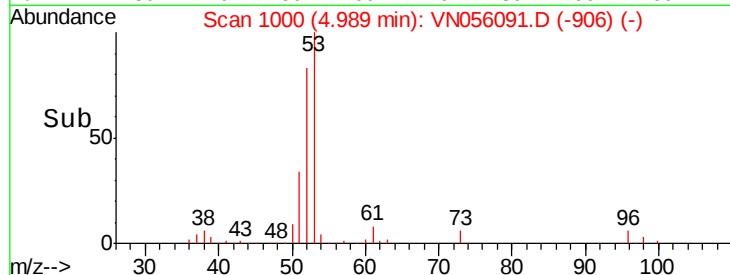
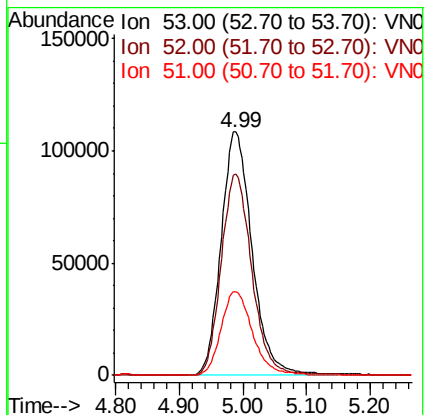
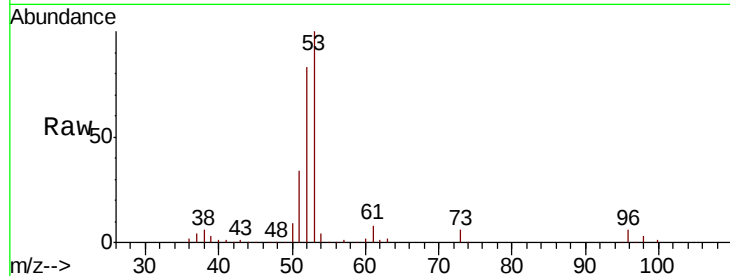
Tot Ion: 53 Resp: 367049

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

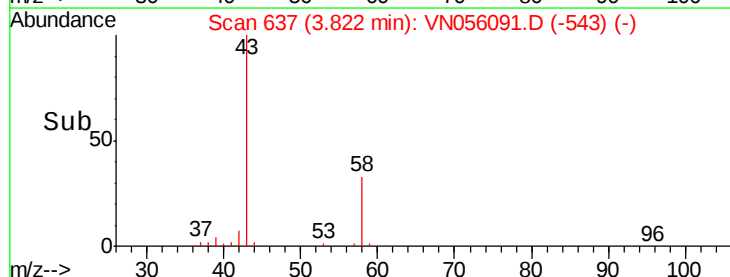
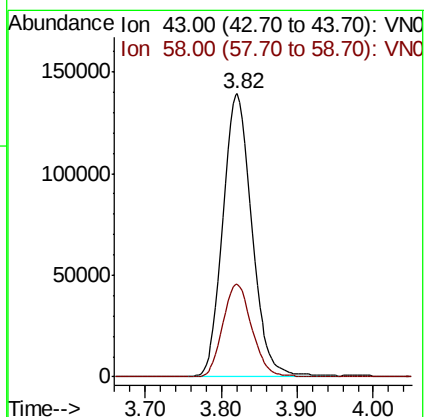
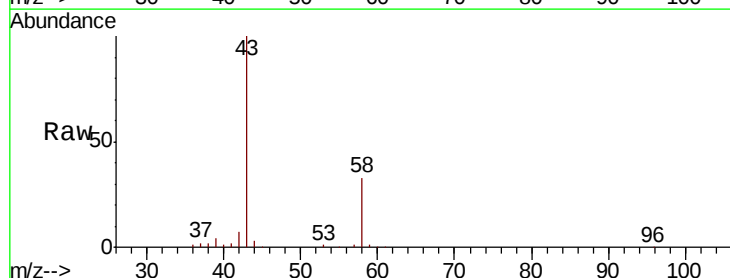
Acq: 7 Jun 2019 11:25

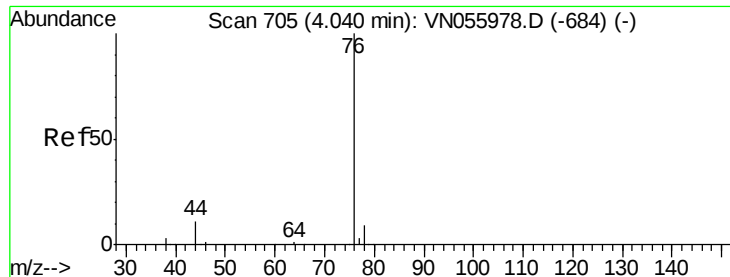
Tgt Ion: 43 Resp: 367869

Ion Ratio Lower Upper

43 100

58 32.8 26.6 39.8

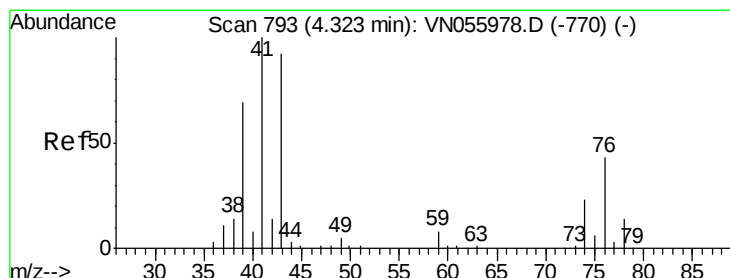
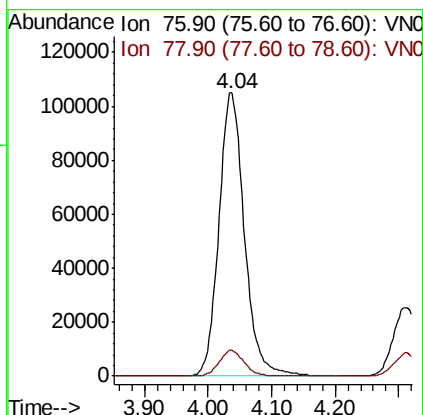
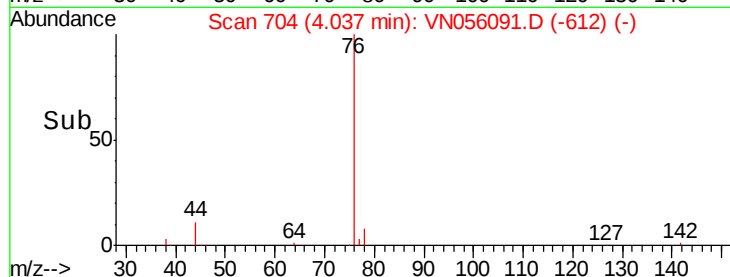
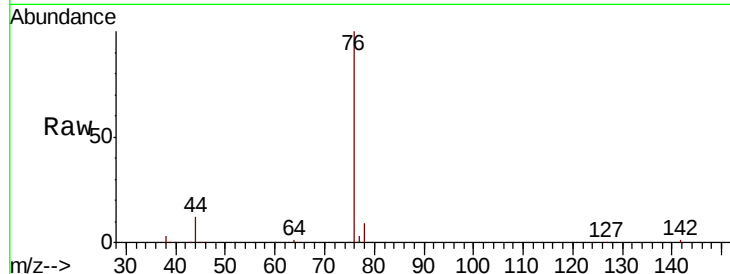




#17
Carbon Disulfide
Concen: 46.443 ug/l
RT: 4.04 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

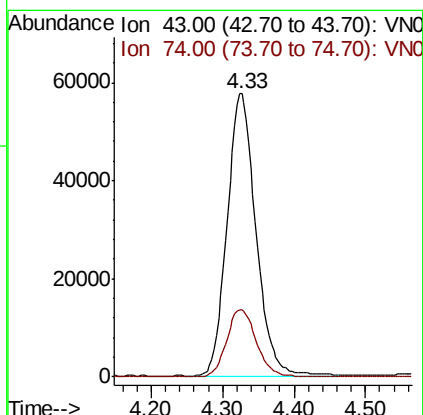
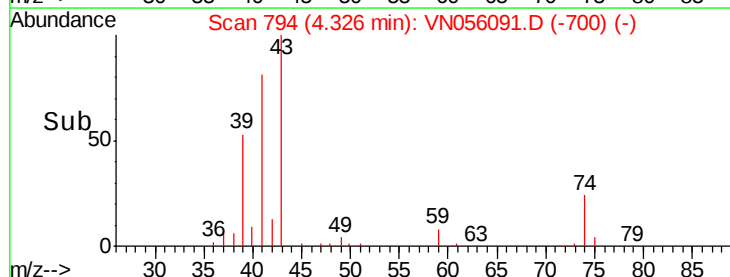
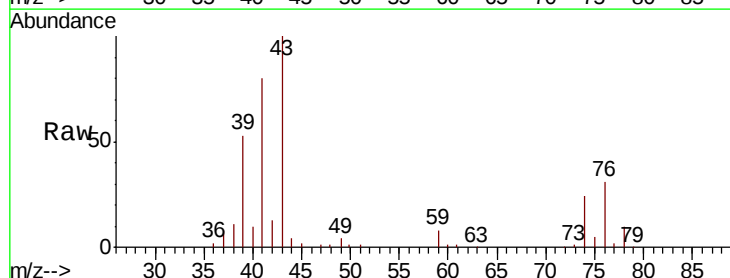
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 76 Resp: 292104
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#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

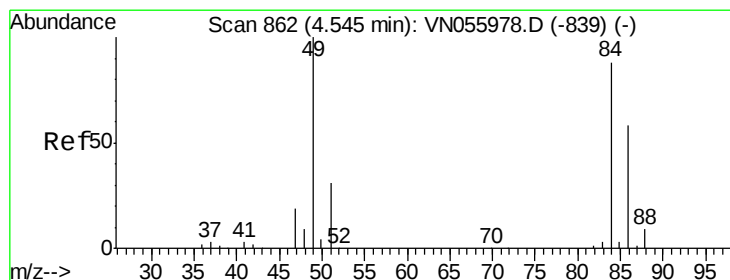
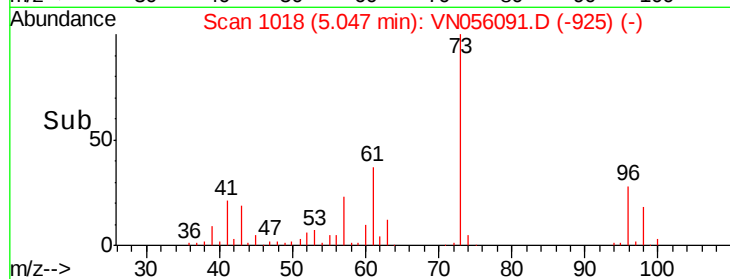
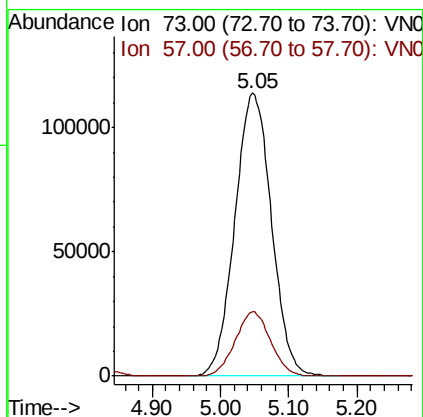
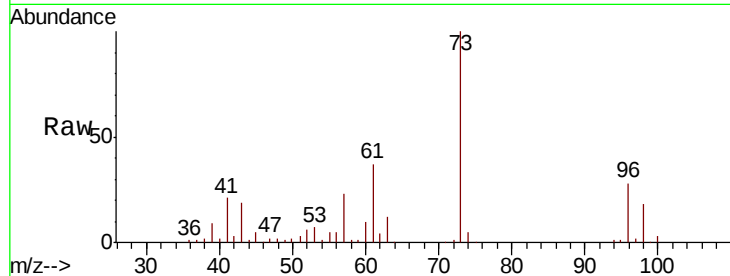




#19
Methvl tert-butvl Ether
Concen: 50.715 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

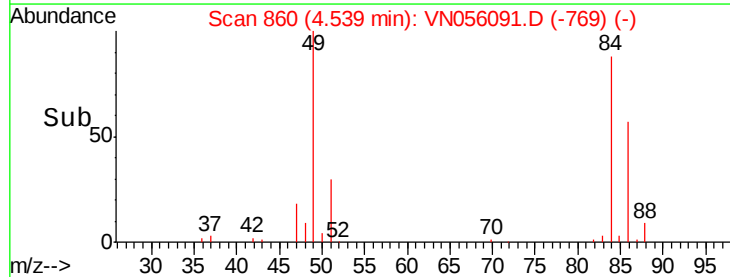
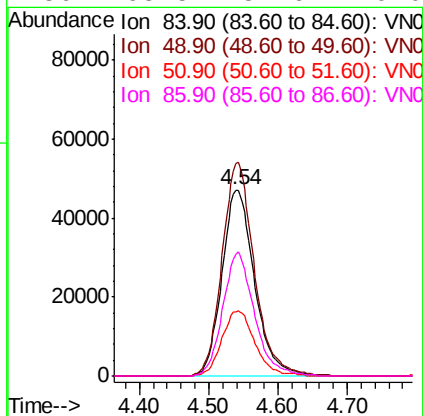
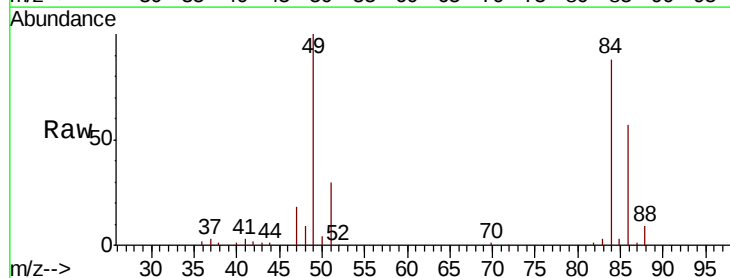
Instrument :
MSVOA_N
ClientSampleId :

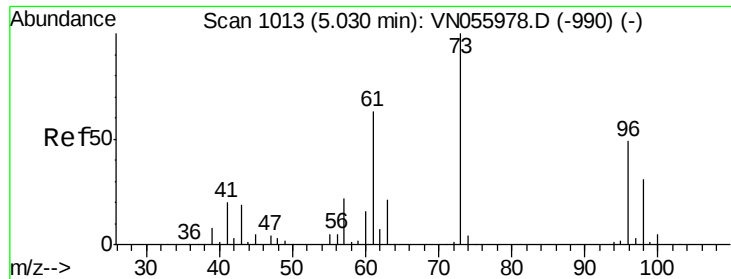
Tot Ion: 73 Resp: 424644
Ion Ratio Lower Upper
73 100
57 22.8 17.8 26.8



#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



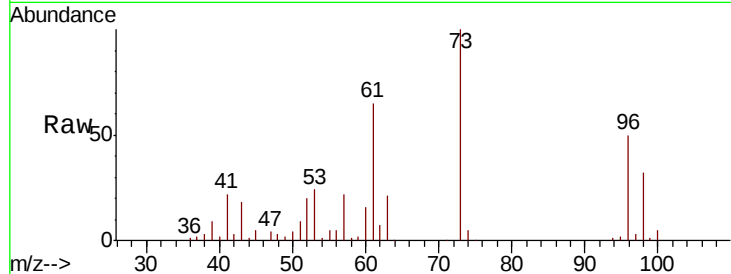


#21

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
ClientSampled :

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

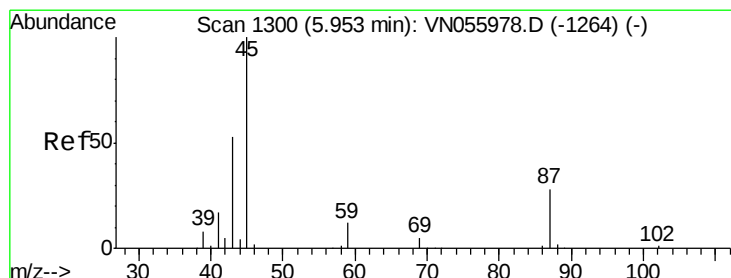
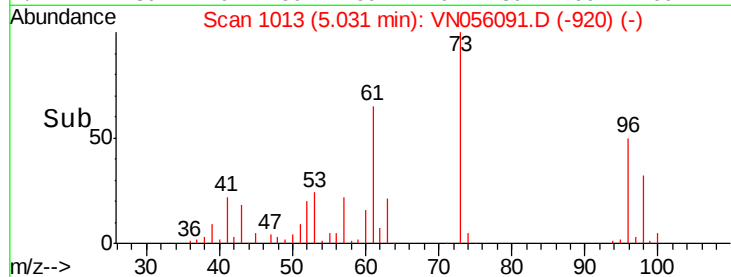
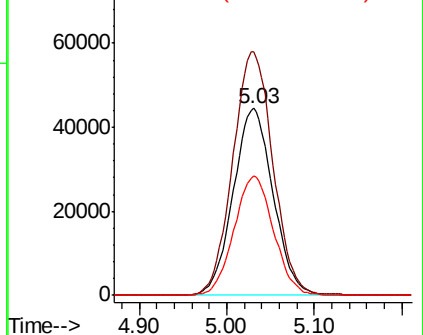


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

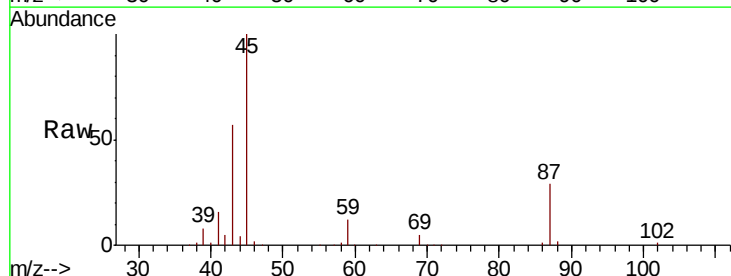
Ion 97.90 (97.60 to 98.60): VN0



#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	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



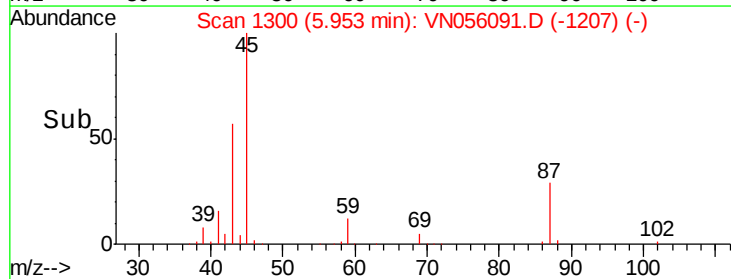
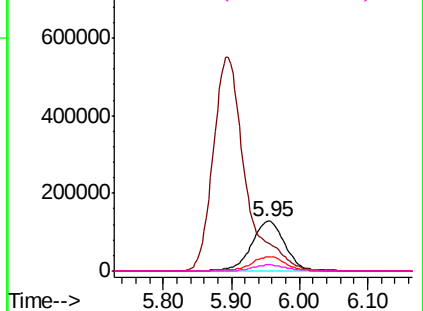
Abundance

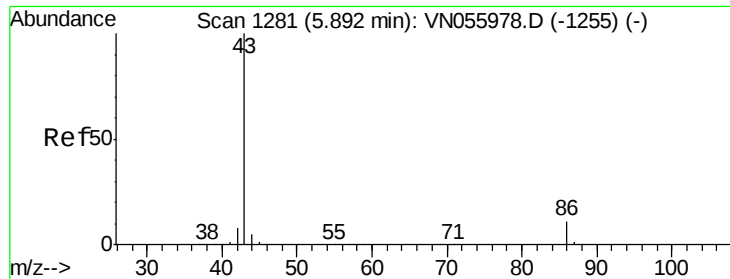
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#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

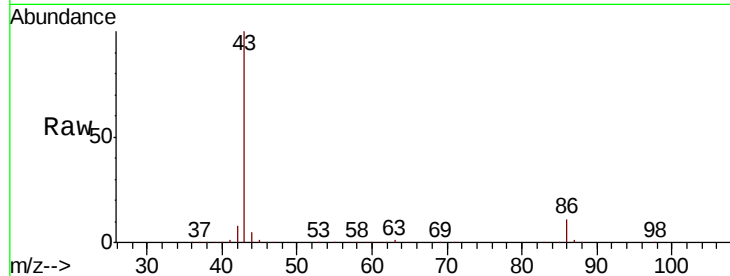
Instrument :
MSVOA_N
ClientSampled :

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

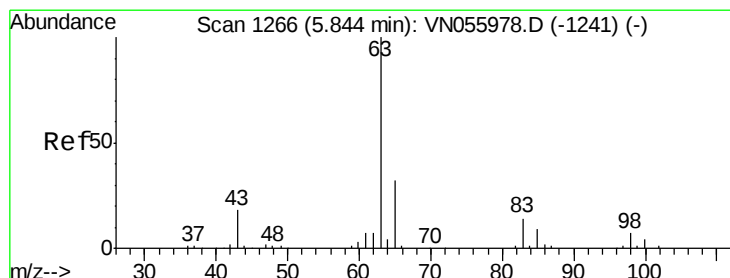
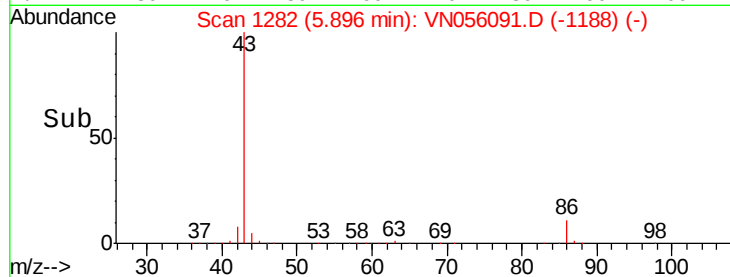
300000

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

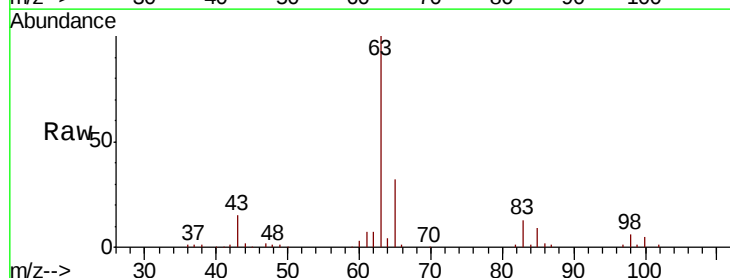
Tgt Ion: 63 Resp: 252503

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

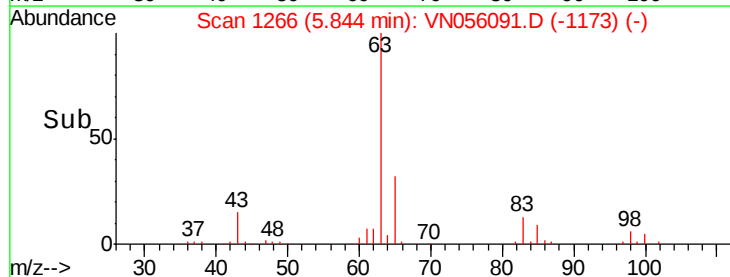
60000

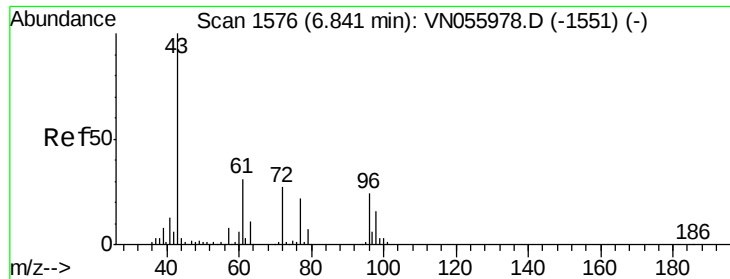
40000

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

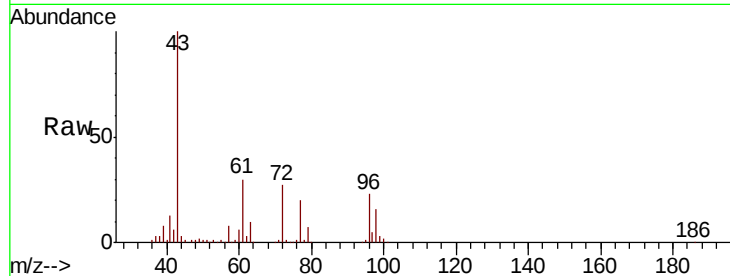
ClientSampled :

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): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.84

200000

150000

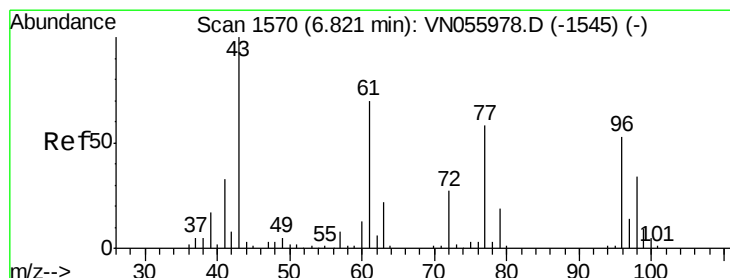
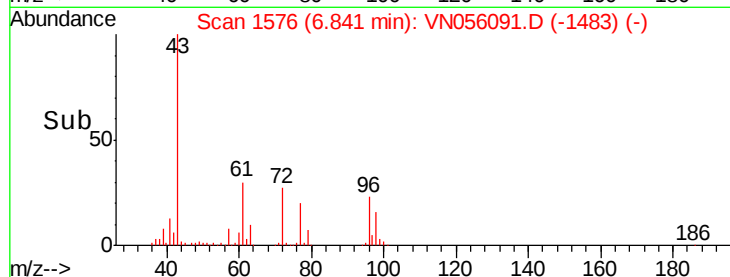
100000

50000

0

6.70 6.80 6.90

Time-->



#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

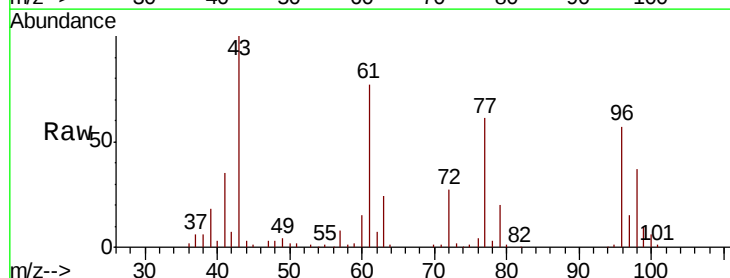
Acq: 7 Jun 2019 11:25

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): VN0

Ion 96.90 (96.60 to 97.60): VN0

6.82

60000

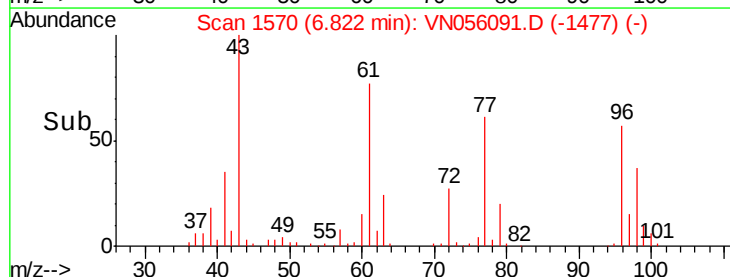
40000

20000

0

6.70 6.80 6.90

Time-->





#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 :

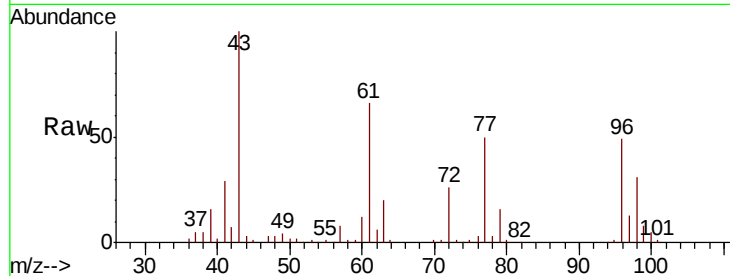
Tot Ion: 96 Resp: 166432

Ion Ratio Lower Upper

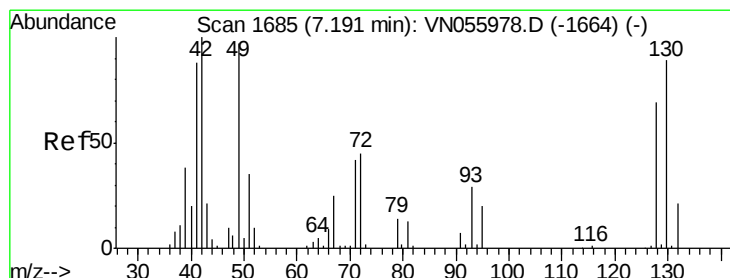
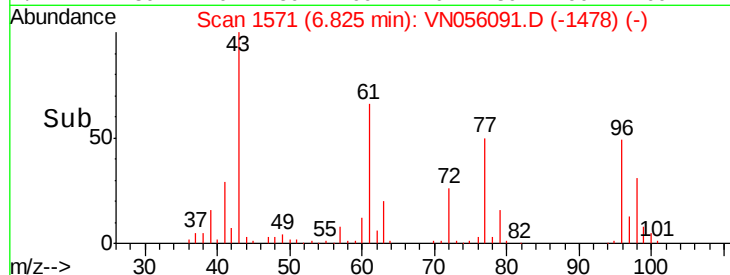
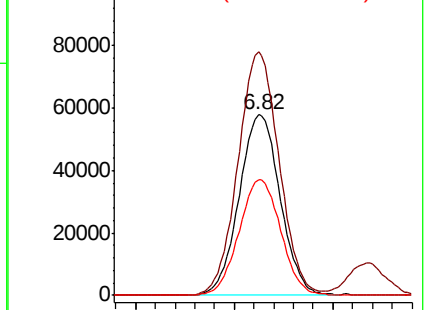
96 100

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

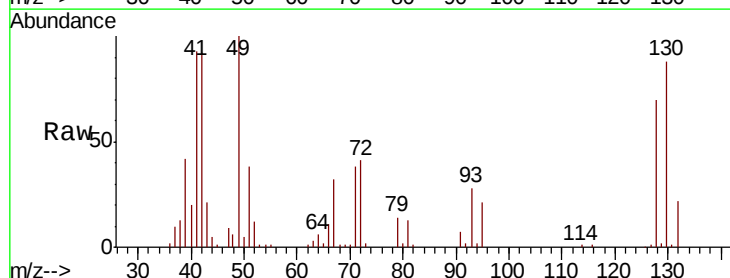
Tgt Ion: 49 Resp: 123183

Ion Ratio Lower Upper

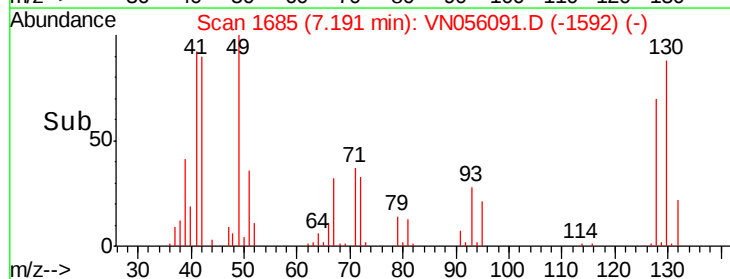
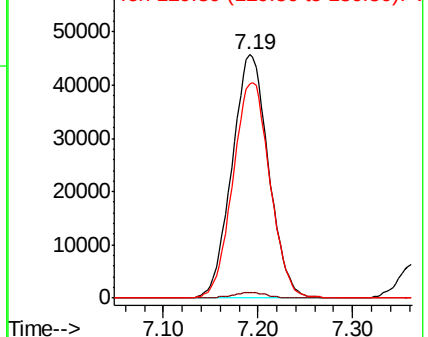
49 100

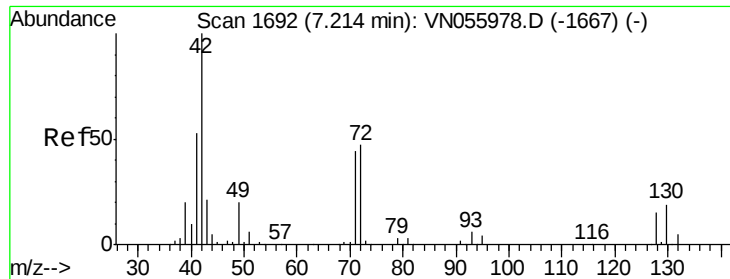
129 2.0 0.0 4.4

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

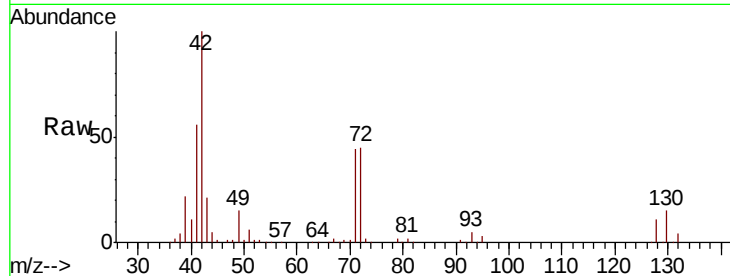




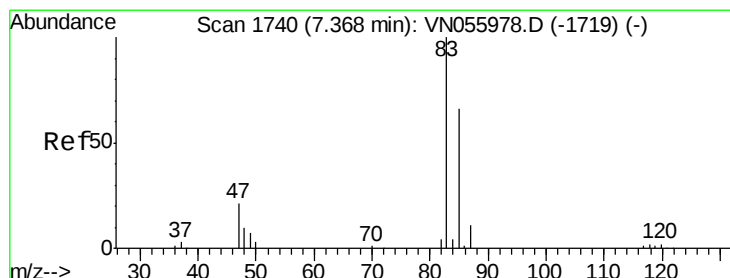
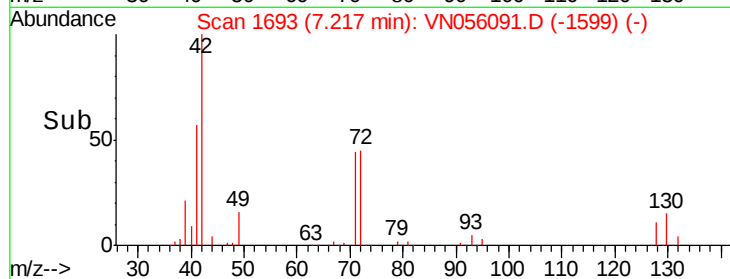
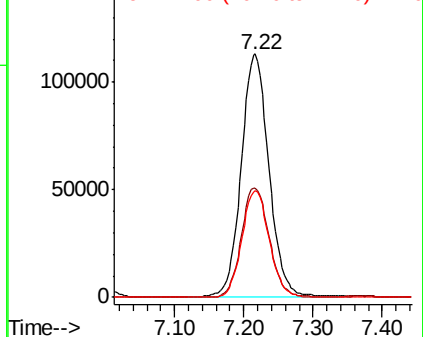
#29
Tetrahydrofuran
Concen: 271.698 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampled :

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

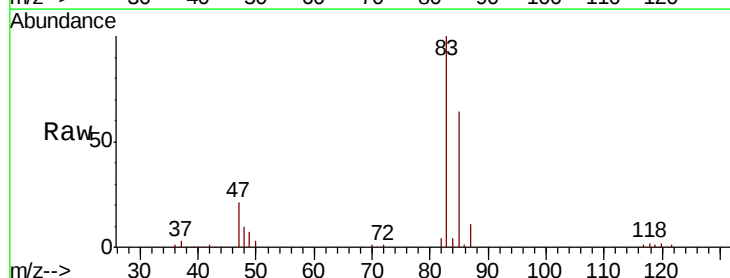


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

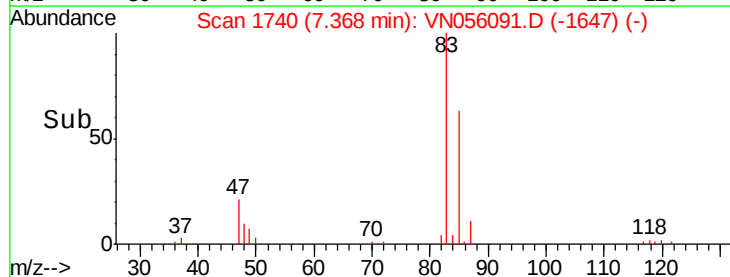
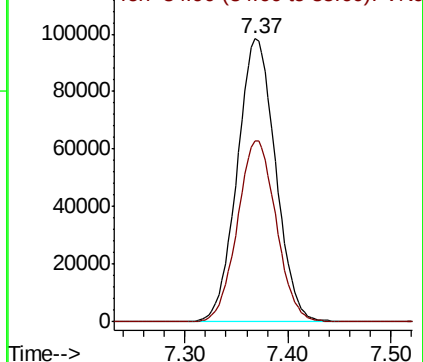


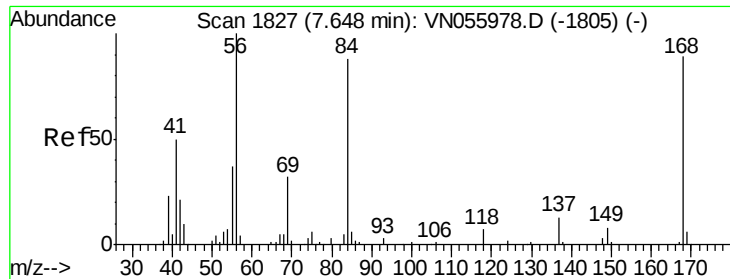
#30
Chloroform
Concen: 51.127 ug/l
RT: 7.37 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

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



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0

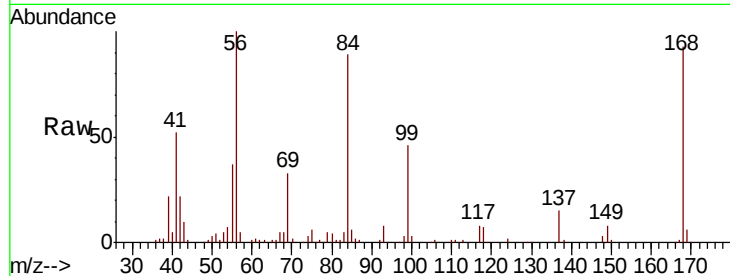




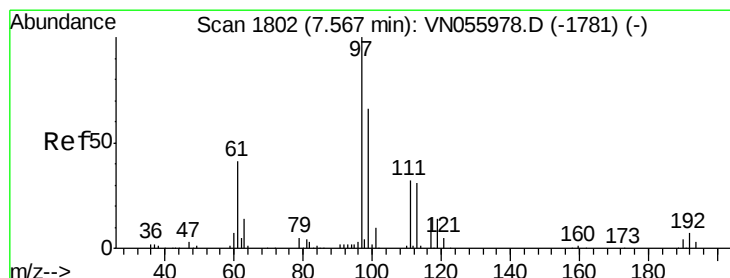
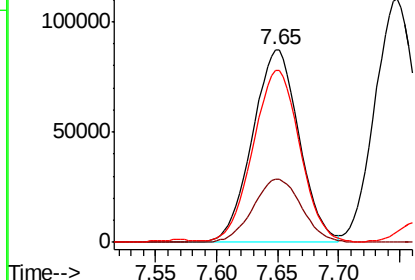
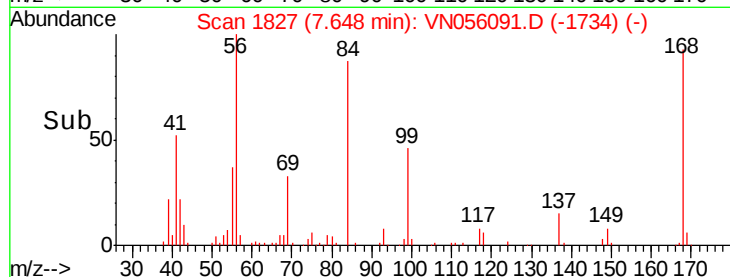
#31
Cyclohexane
Concen: 46.987 ug/l
RT: 7.65 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampled :

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

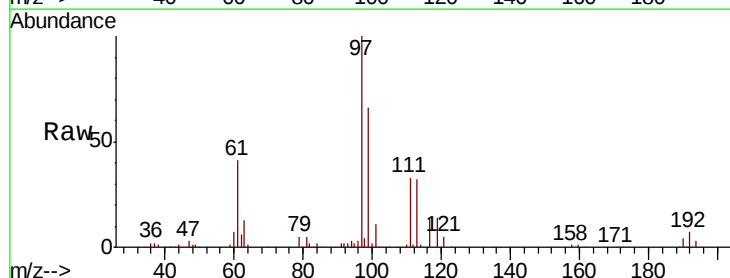


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

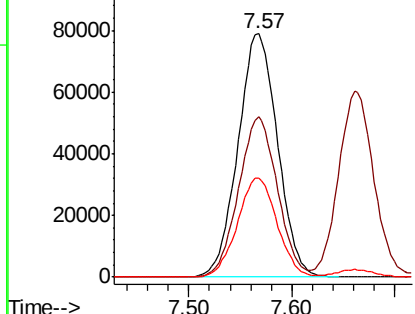
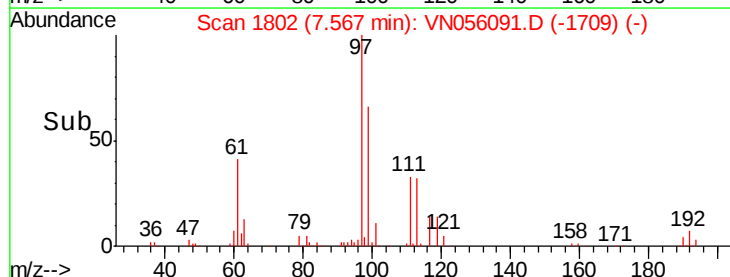


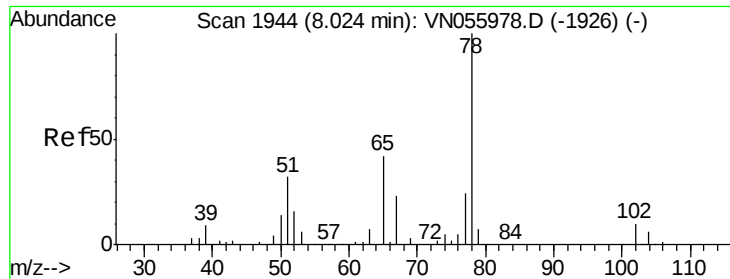
#32
1,1,1-Trichloroethane
Concen: 50.622 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

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): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

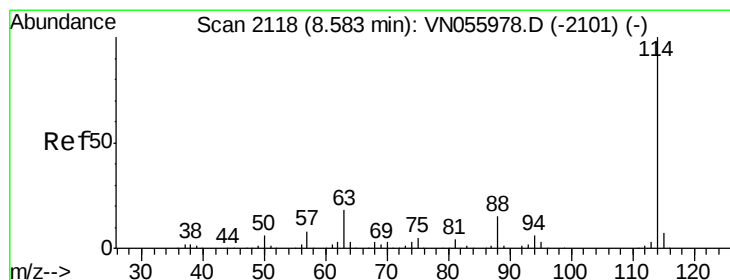
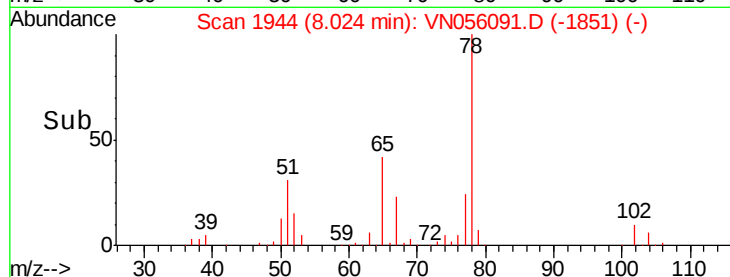
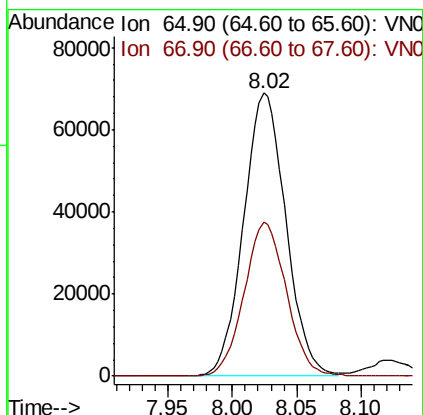
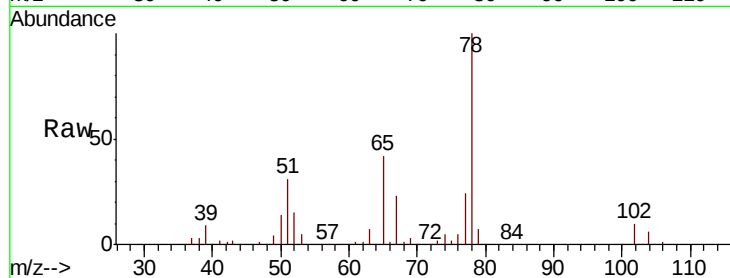




#33
 1,2-Dichloroethane-d4
 Concen: 50.716 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

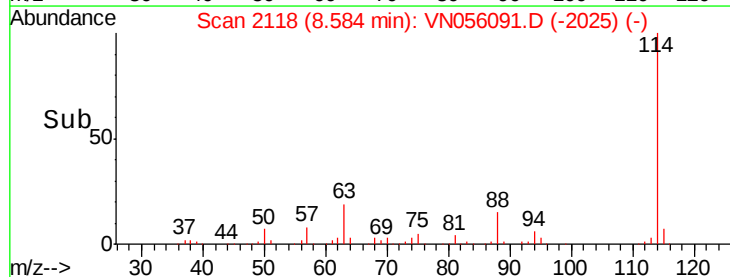
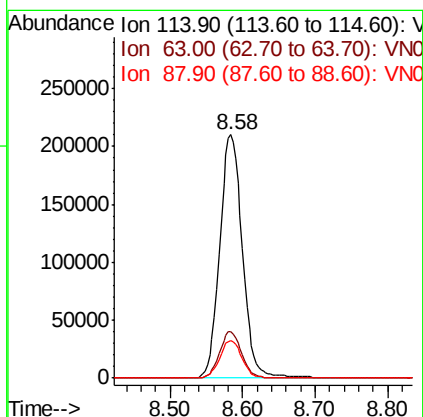
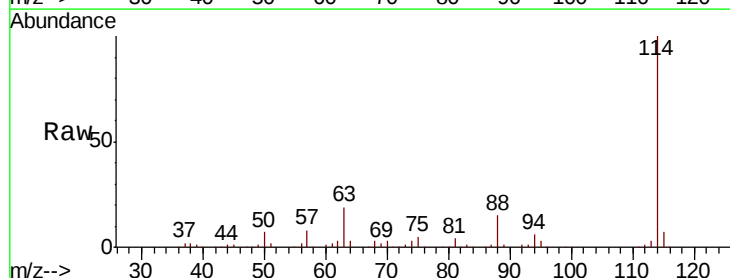
Instrument :
 MSVOA_N
 ClientSampled :

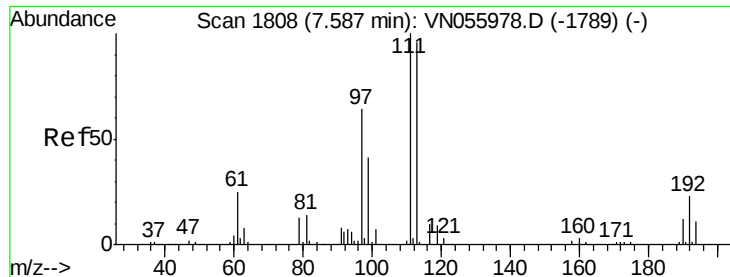
Tot Ion: 65 Resp: 157571
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.2



#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

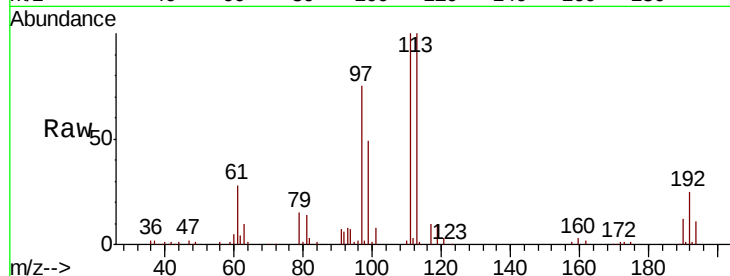




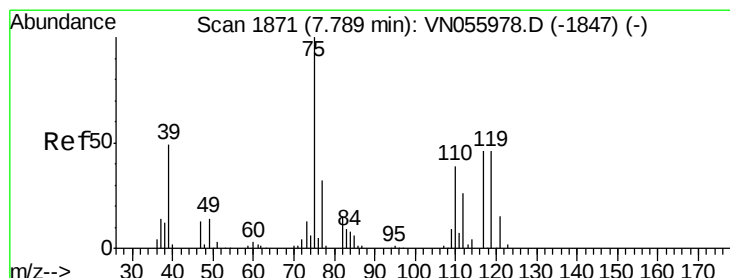
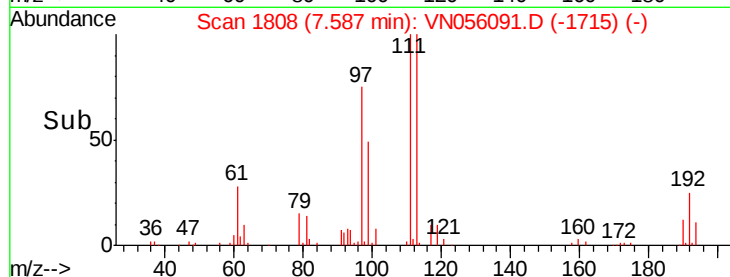
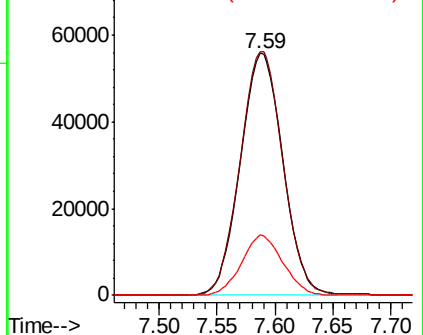
#35
 Dibromofluoromethane
 Concen: 50.869 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :

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

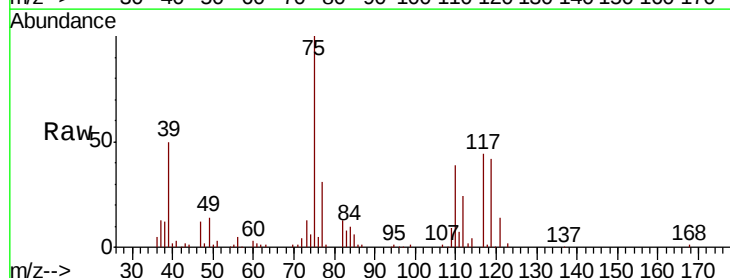


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

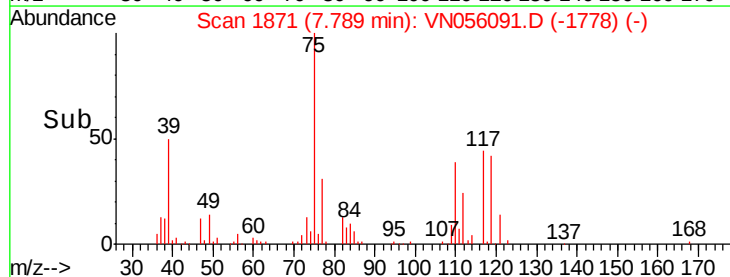
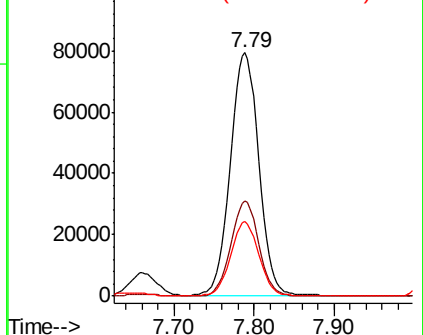


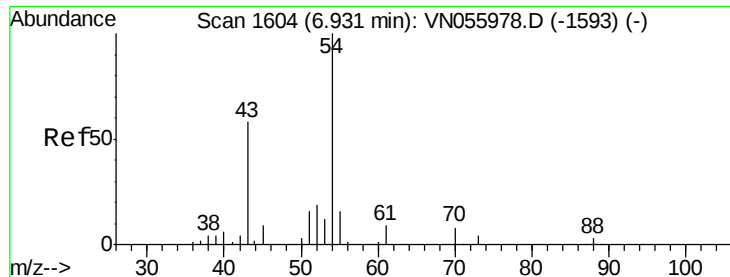
#36
 1,1-Dichloropropene
 Concen: 49.120 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

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



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

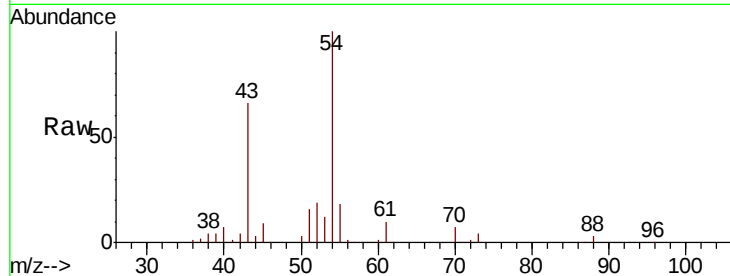




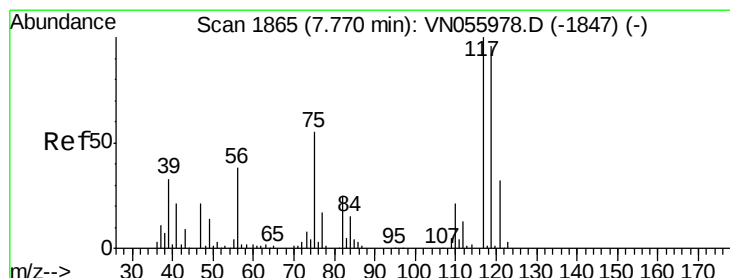
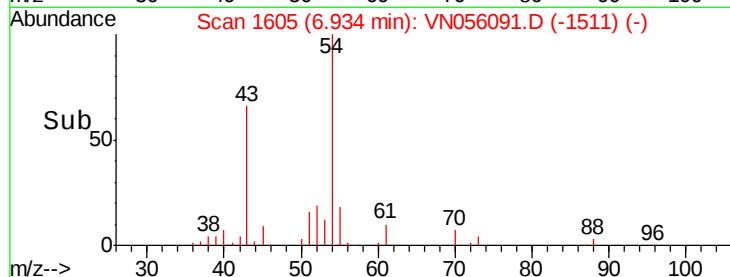
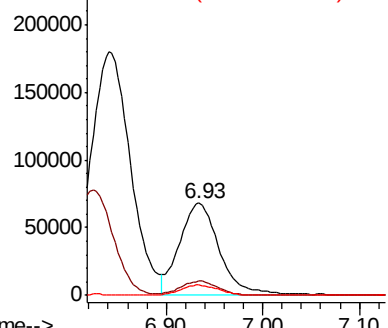
#37
Ethyl Acetate
Concen: 54.896 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampled :

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

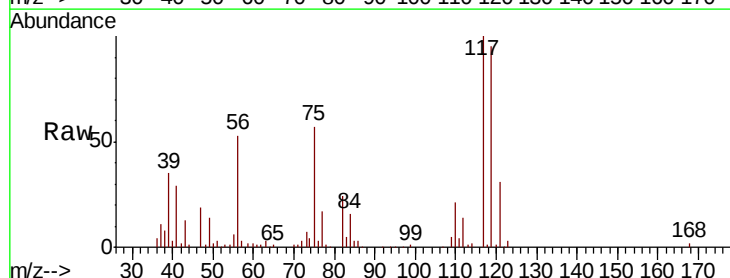


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1593) (-)
Ion 60.90 (60.60 to 61.60): VN055978.D (-1593) (-)
Ion 70.00 (69.70 to 70.70): VN055978.D (-1593) (-)

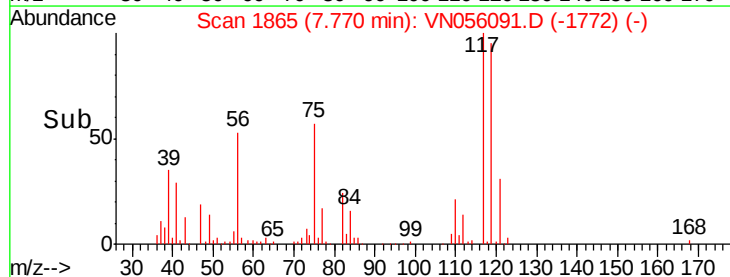
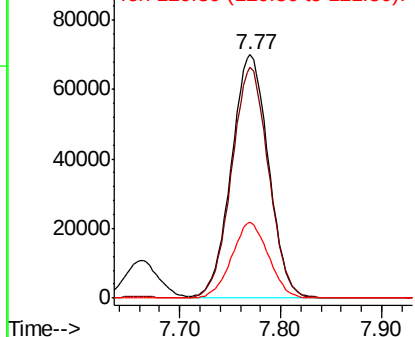


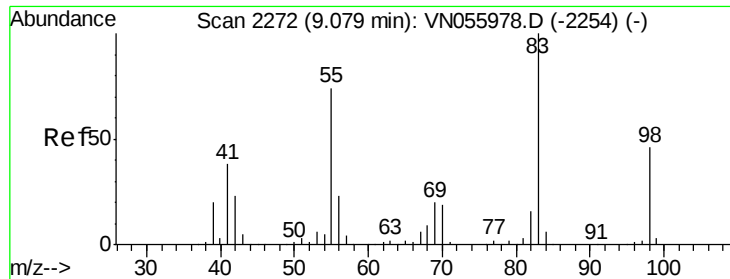
#38
Carbon Tetrachloride
Concen: 49.592 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

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) (-)

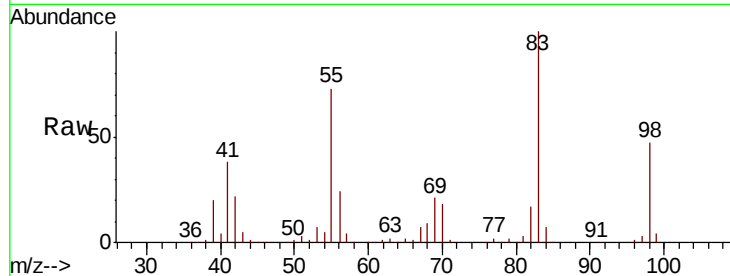




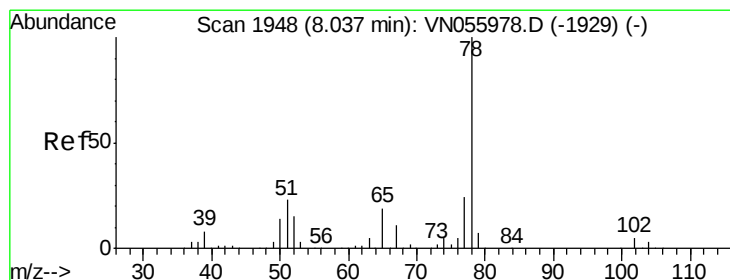
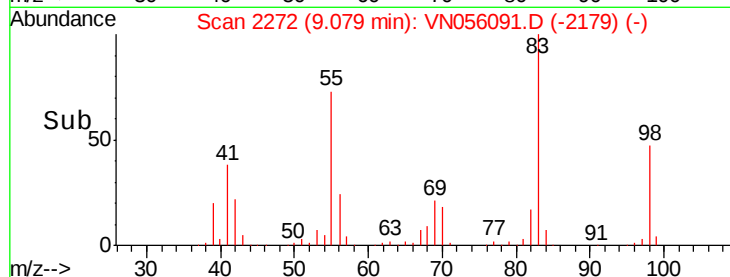
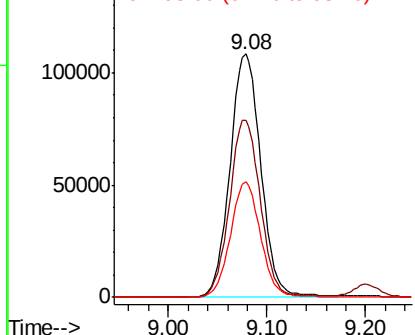
#39
Methvlcvclohexane
Concen: 48.531 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampled :

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

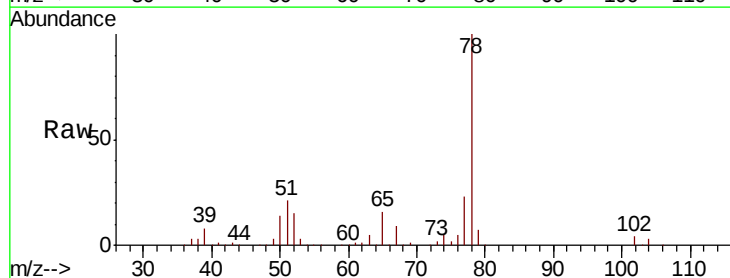


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

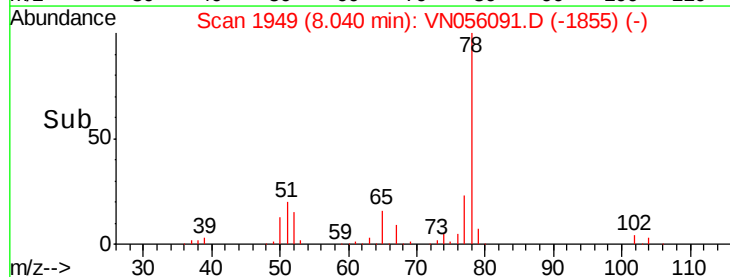
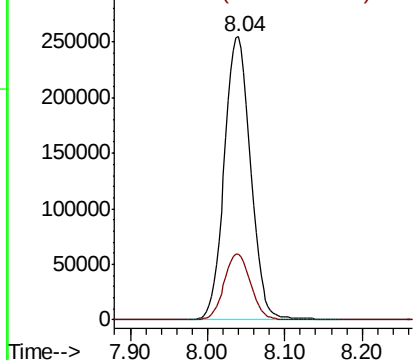


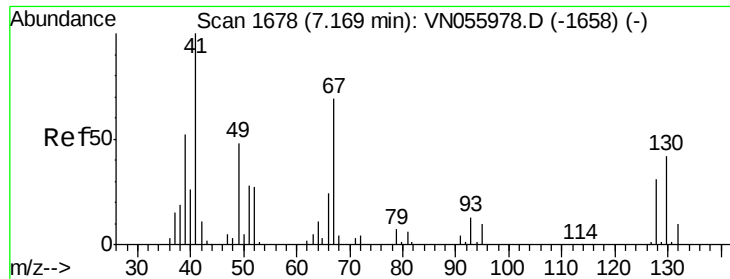
#40
Benzene
Concen: 50.541 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

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

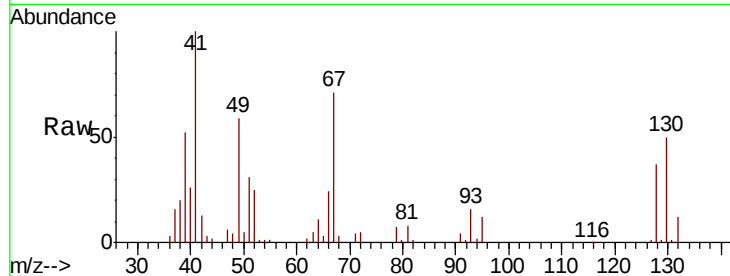




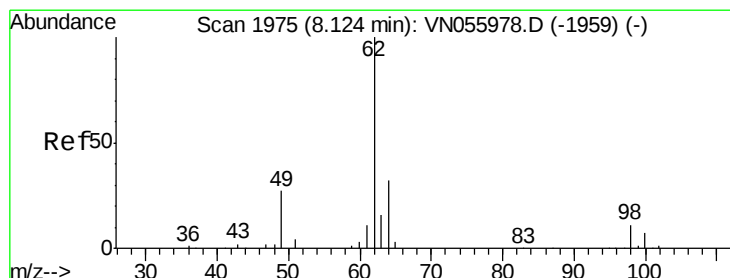
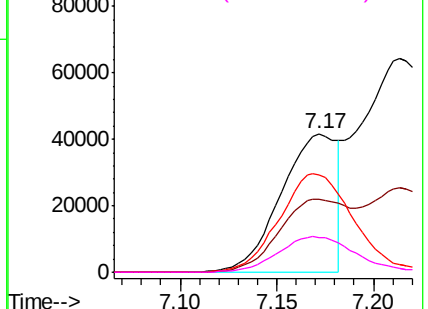
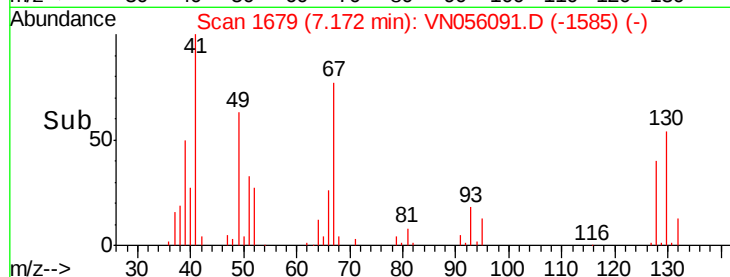
#41
Methacrylonitrile
Concen: 52.450 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampled :

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

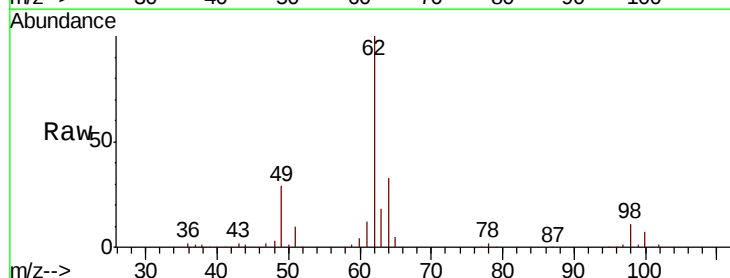


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

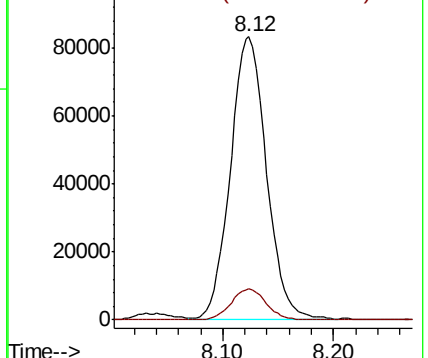
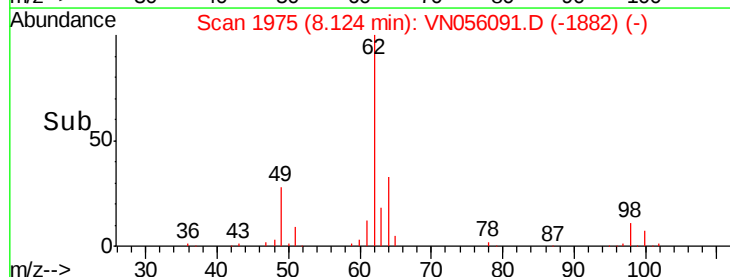


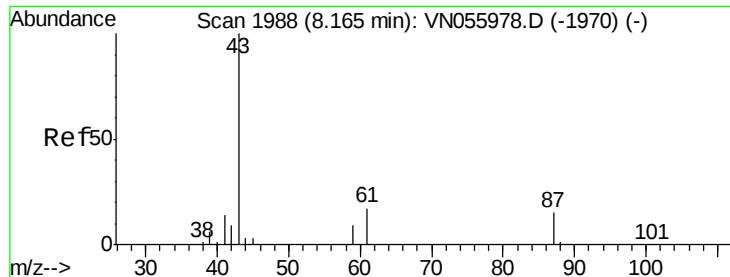
#42
1,2-Dichloroethane
Concen: 49.033 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

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): VNC
Ion 97.90 (97.60 to 98.60): VNC





#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 :

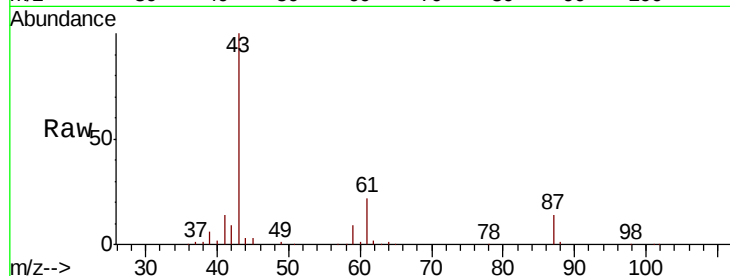
Tot Ion: 43 Resp: 294532

Ion Ratio Lower Upper

43 100

61 22.1 22.2 33.4#

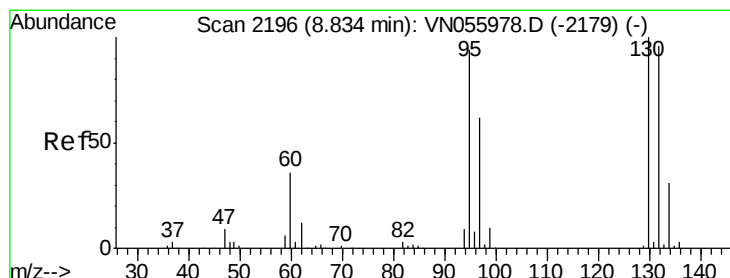
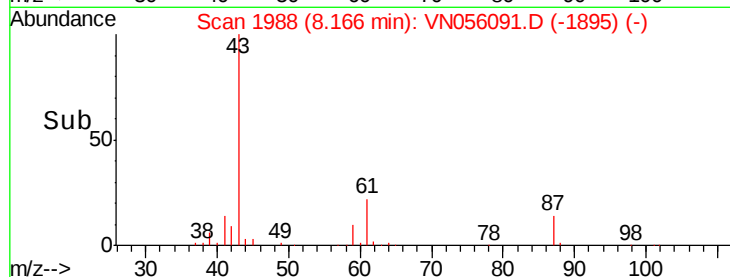
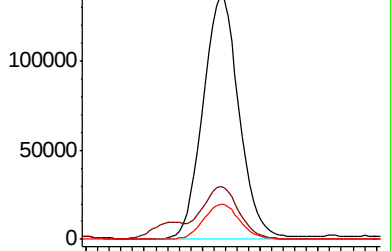
87 14.7 11.4 17.2



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

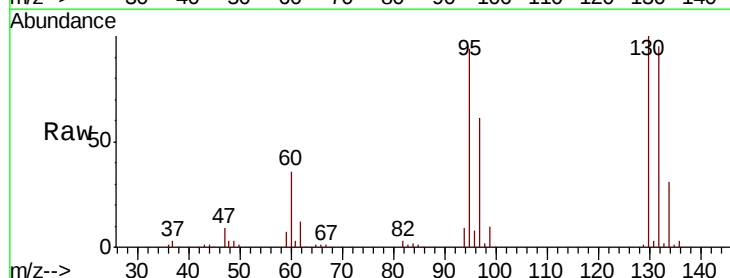
Acq: 7 Jun 2019 11:25

Tgt Ion:130 Resp: 167384

Ion Ratio Lower Upper

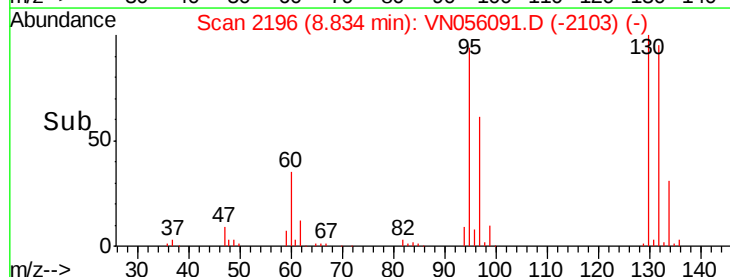
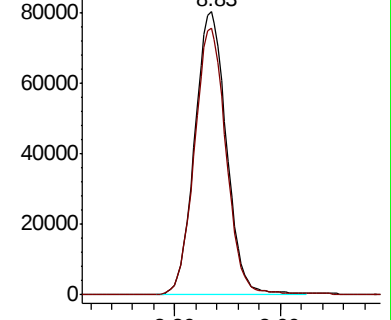
130 100

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

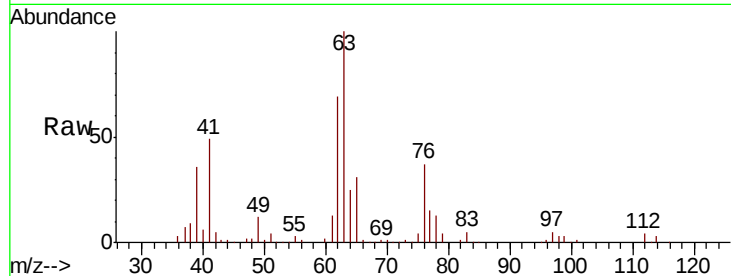
ClientSampleId :

Tot Ion: 63 Resp: 157407

Ion Ratio Lower Upper

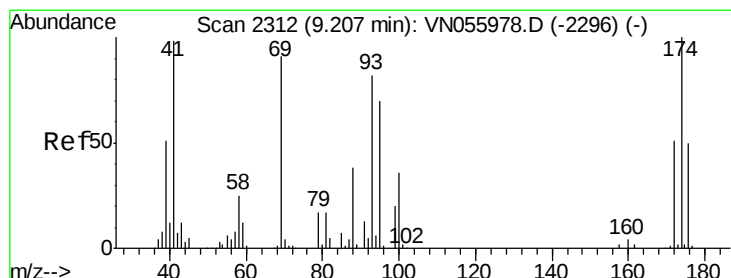
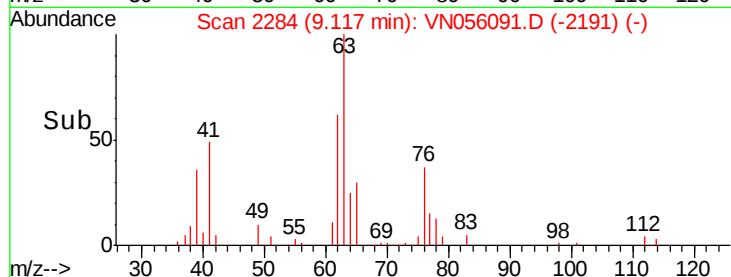
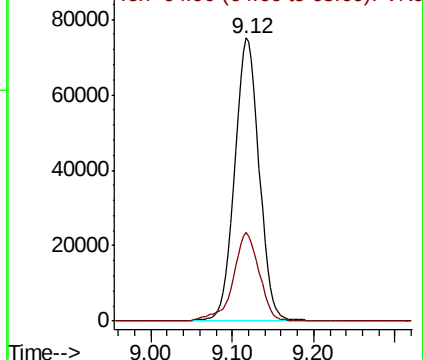
63 100

65 31.3 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#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

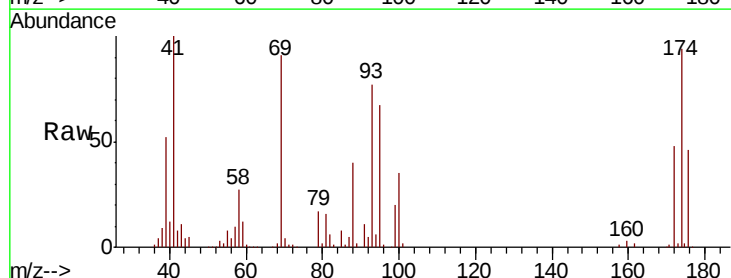
Tgt Ion: 93 Resp: 102008

Ion Ratio Lower Upper

93 100

95 84.7 66.7 100.1

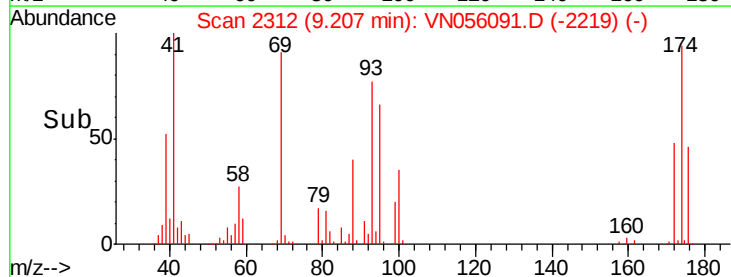
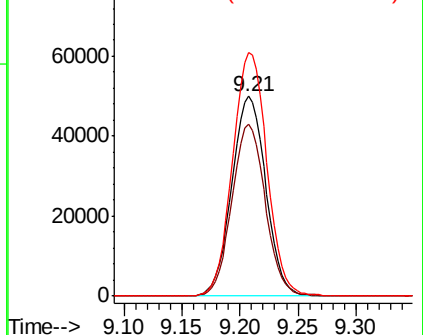
174 122.9 96.4 144.6



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#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 :

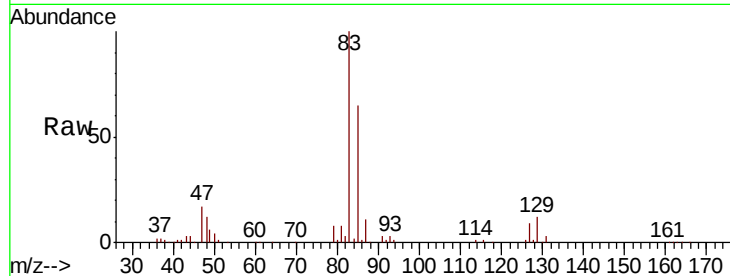
Tot Ion: 83 Resp: 183206

Ion Ratio Lower Upper

83 100

85 64.9 52.2 78.2

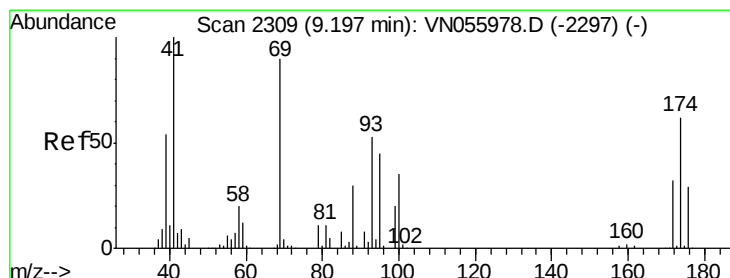
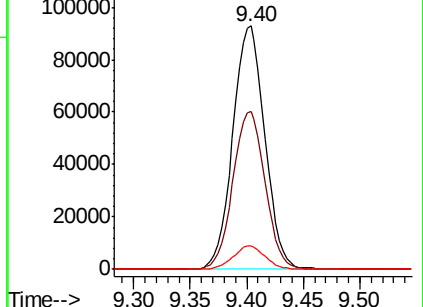
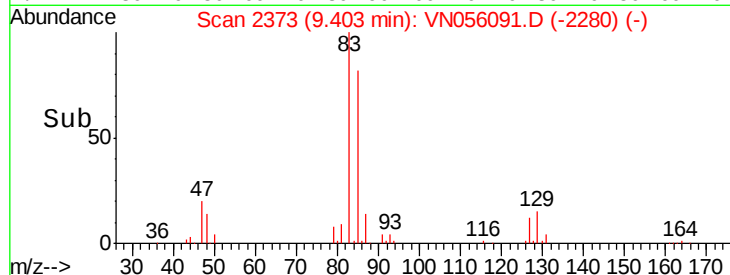
127 9.5 7.4 11.0



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

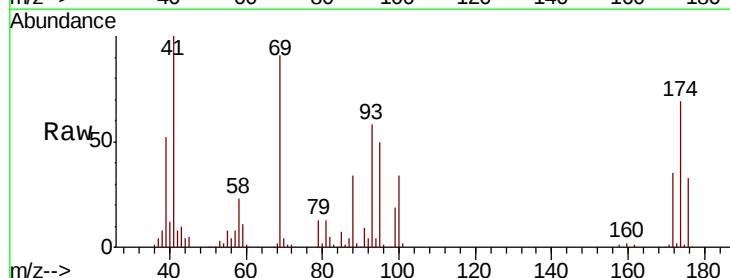
Tgt Ion: 41 Resp: 148909

Ion Ratio Lower Upper

41 100

69 91.6 71.0 106.6

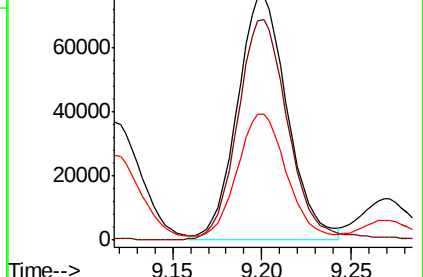
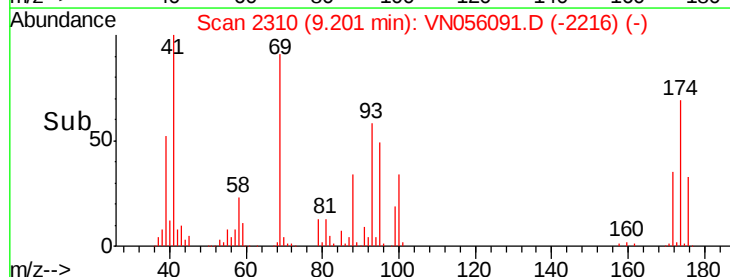
39 51.7 44.2 66.2

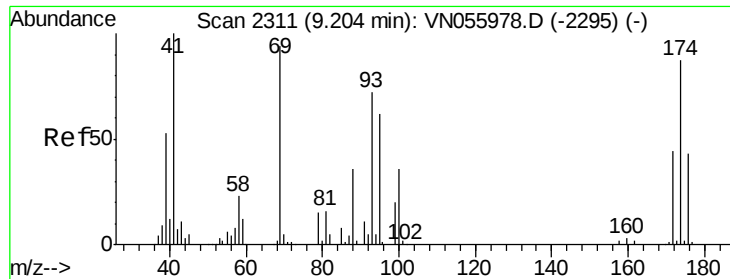


Abundance Ion 41.00 (40.70 to 41.70): VN056091.D (-2216) (-)

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

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

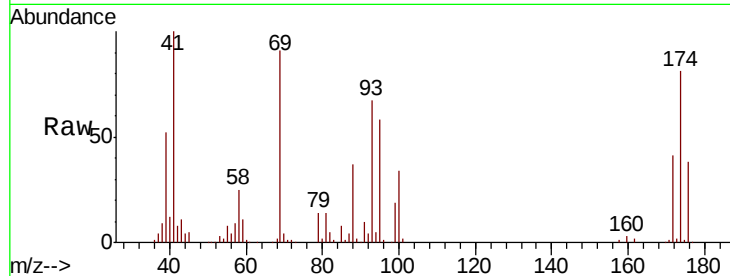




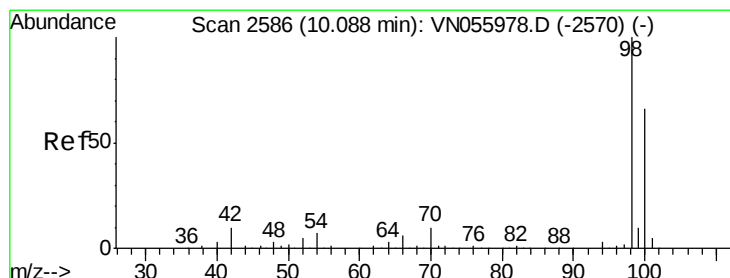
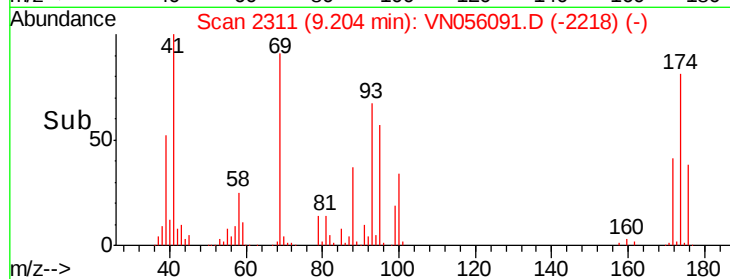
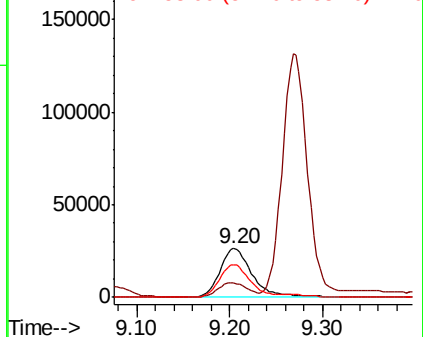
#49
1,4-Dioxane
Concen: 1073.550 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :

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

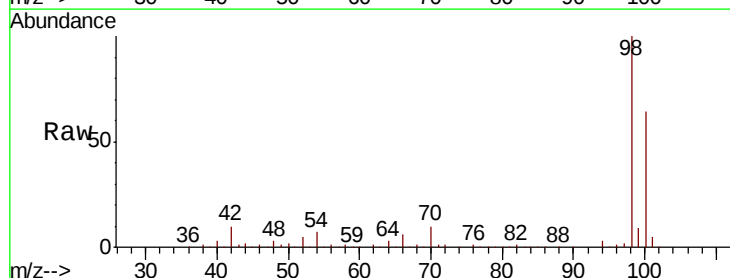


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

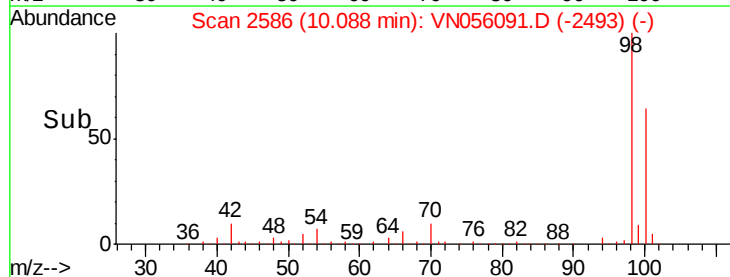
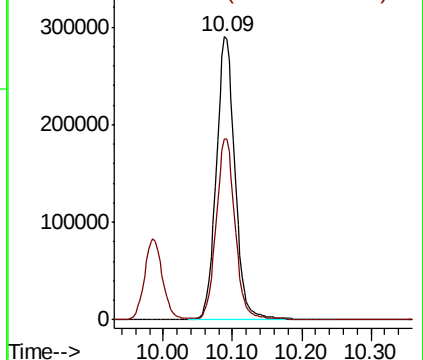


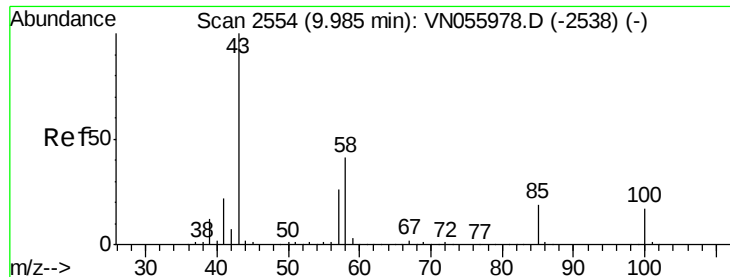
#50
Toluene-d8
Concen: 50.486 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

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

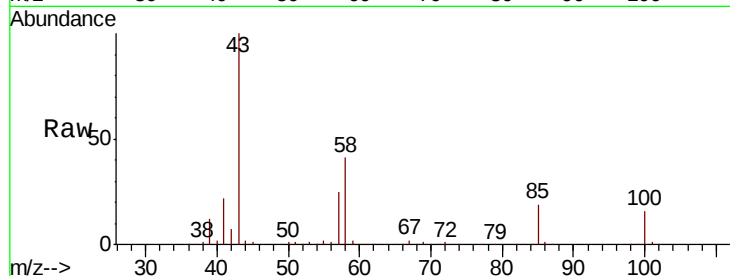
Instrument :
MSVOA_N
ClientSampled :

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

600000

500000

400000

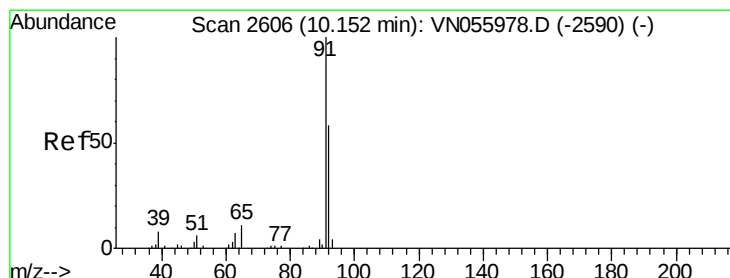
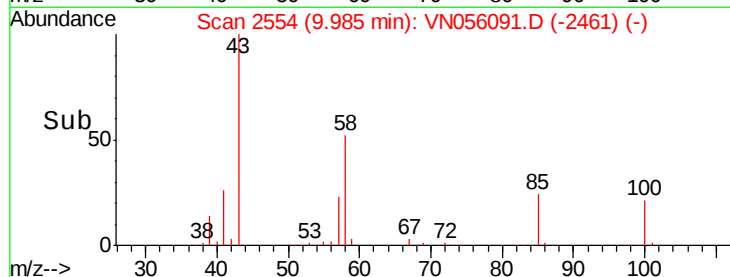
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 51.123 ug/l

RT: 10.15 min Scan# 2606

Delta R.T. 0.00 min

Lab File: VN056091.D

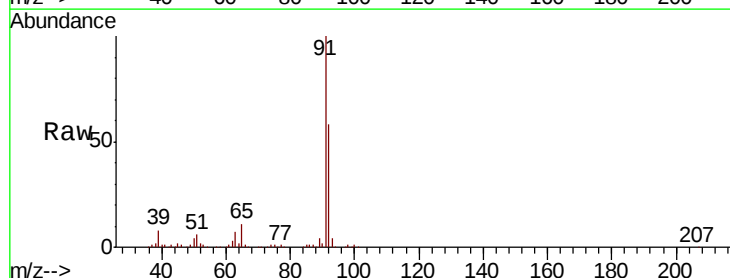
Acq: 7 Jun 2019 11:25

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

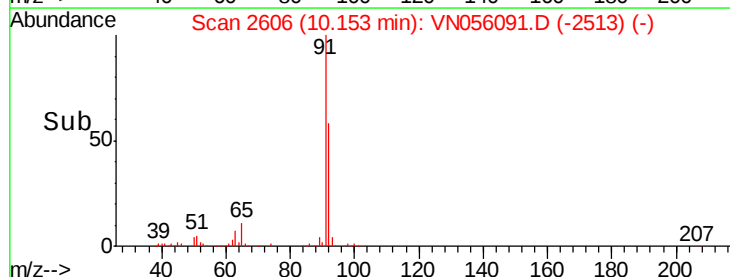
300000

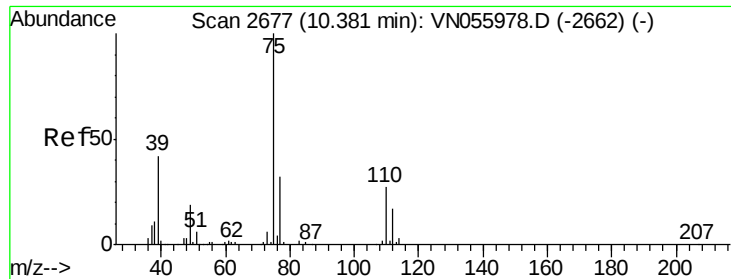
200000

100000

0

Time-->





#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

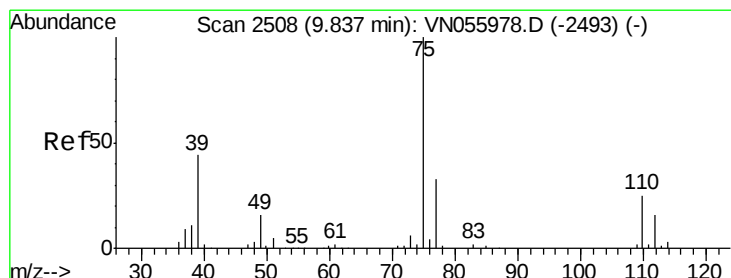
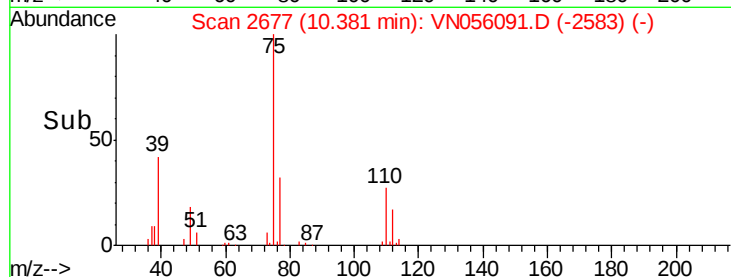
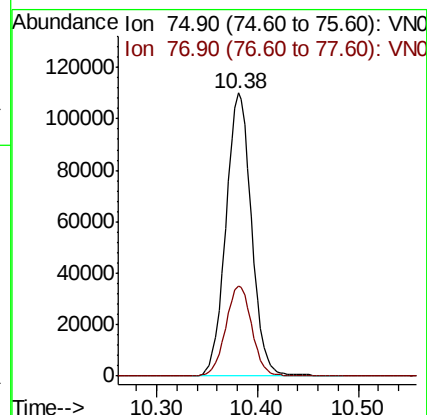
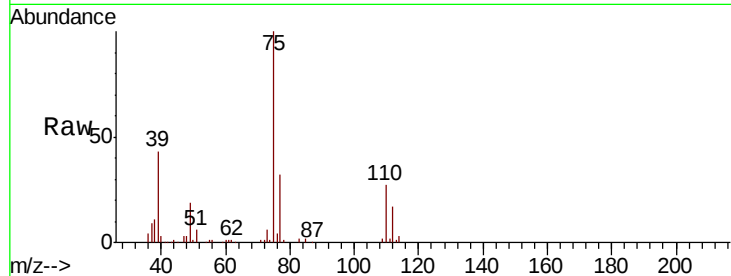
ClientSampled :

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

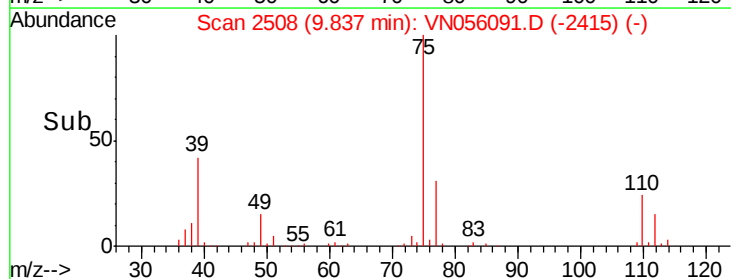
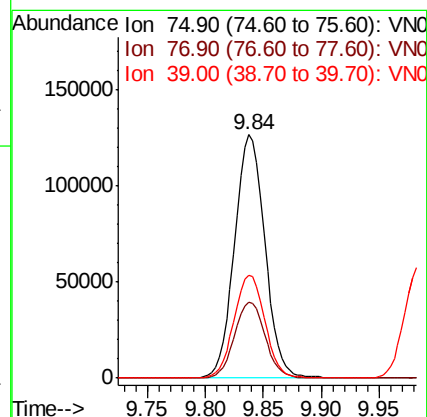
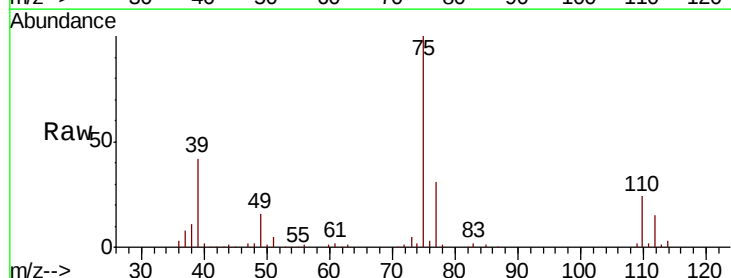
Tgt Ion: 75 Resp: 230709

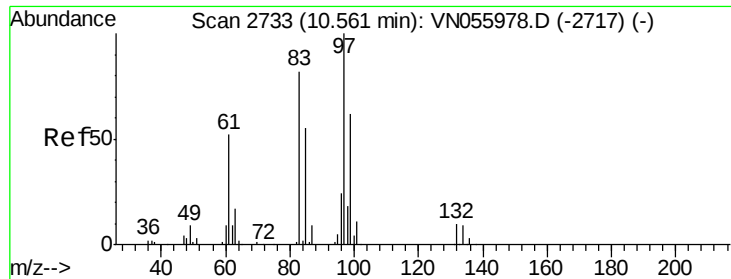
Ion Ratio Lower Upper

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 :

Tot Ion: 97 Resp: 152650

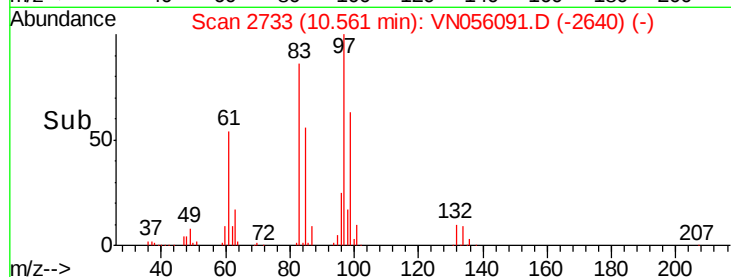
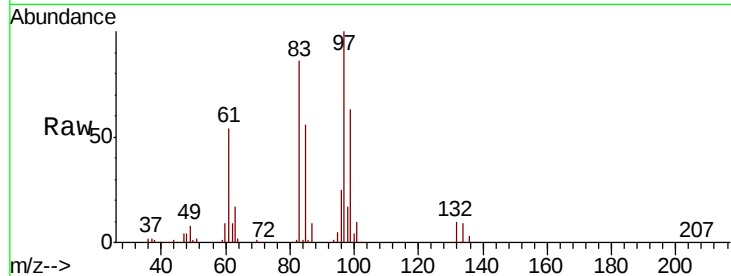
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.0	100.6
85	56.0	44.0	66.0
99	62.9	50.6	75.8

97 100

83 86.1 67.0 100.6

85 56.0 44.0 66.0

99 62.9 50.6 75.8

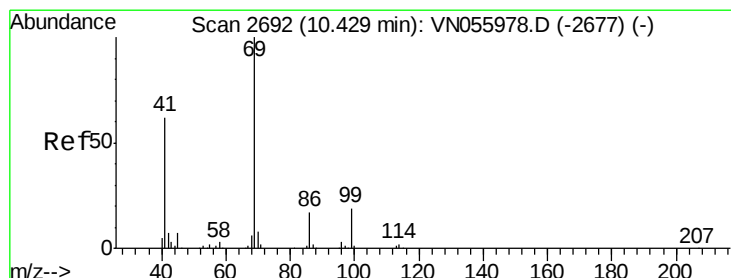
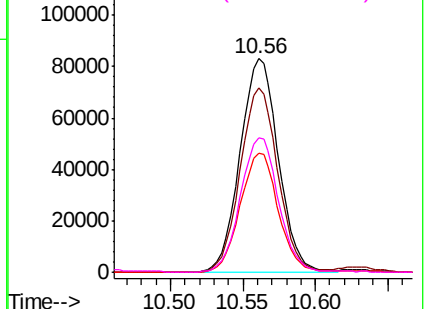


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#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

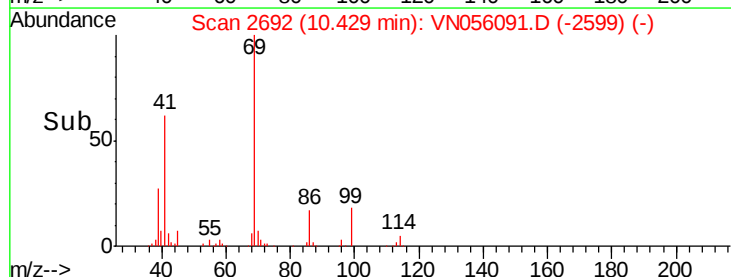
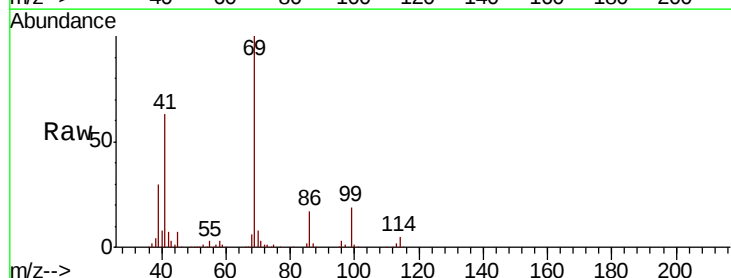
Tgt Ion: 69 Resp: 226466

Ion	Ratio	Lower	Upper
69	100		
41	62.0	49.7	74.5
39	29.6	24.7	37.1

69 100

41 62.0 49.7 74.5

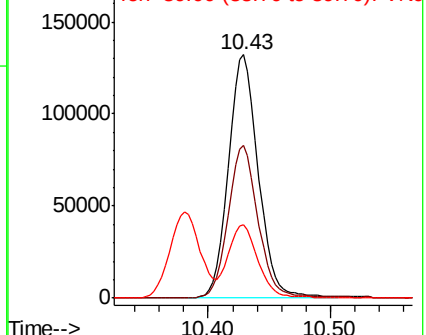
39 29.6 24.7 37.1

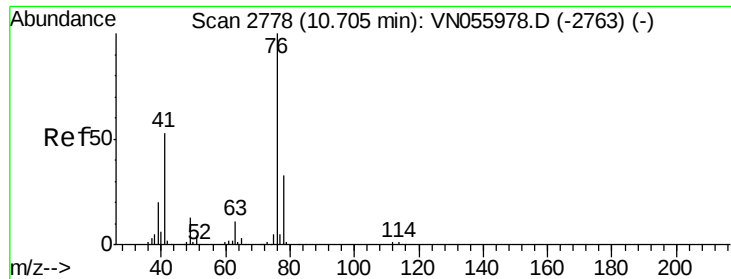


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

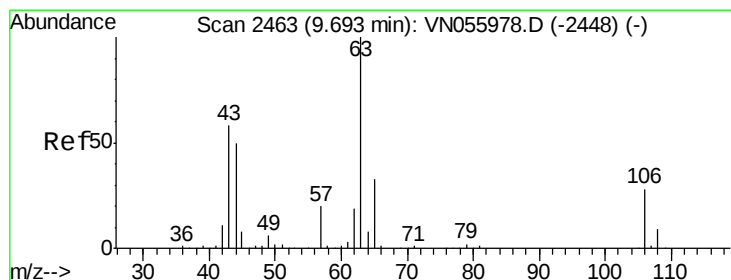
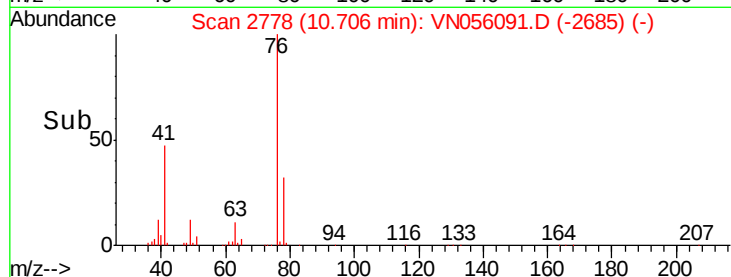
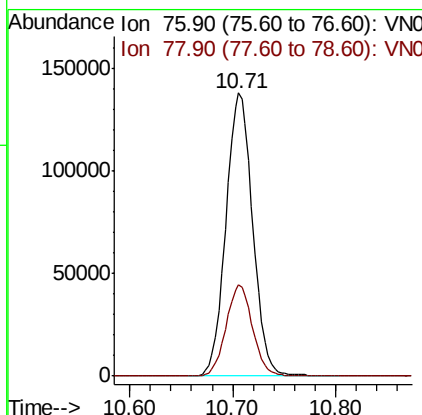
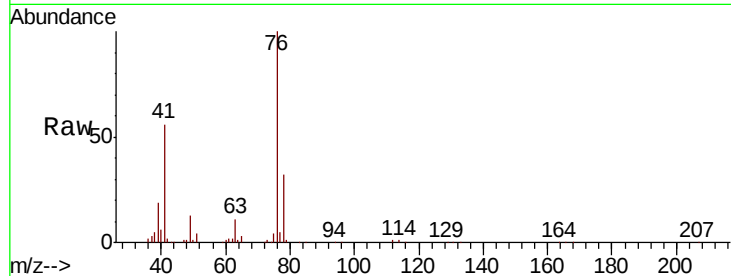




#57
 1,3-Dichloropropane
 Concen: 52.462 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

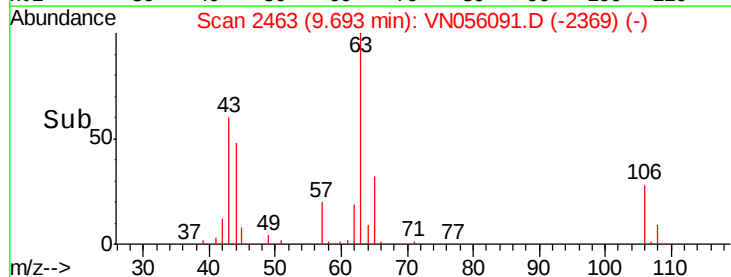
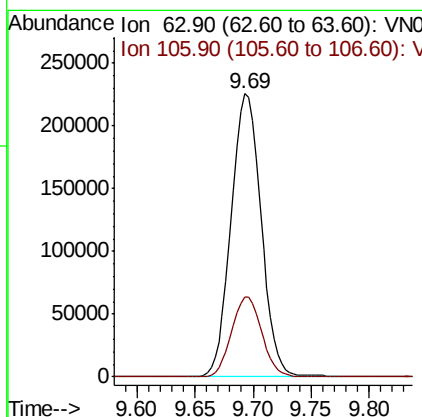
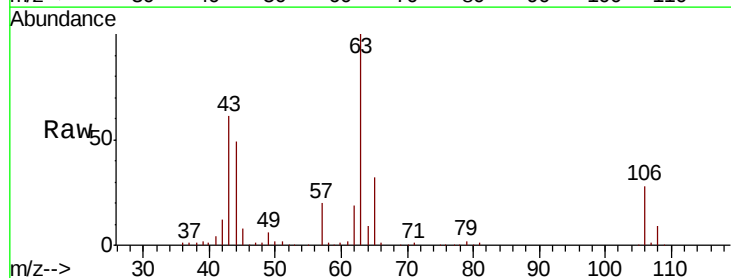
Instrument :
 MSVOA_N
 ClientSampled :

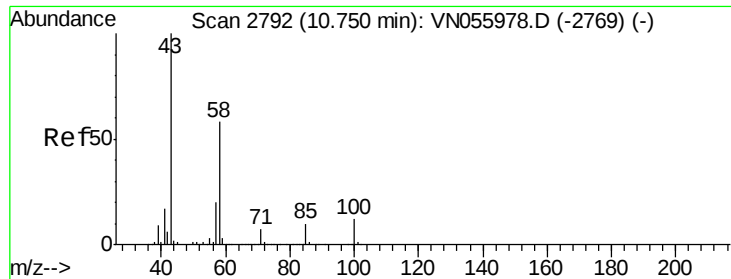
Tot Ion: 76 Resp: 250174
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.8 38.6



#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

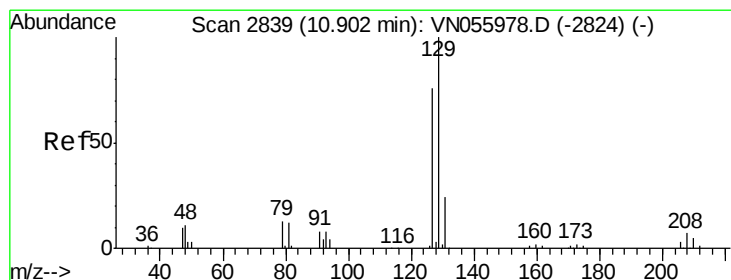
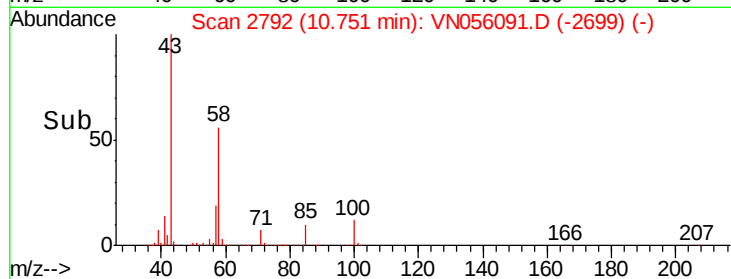
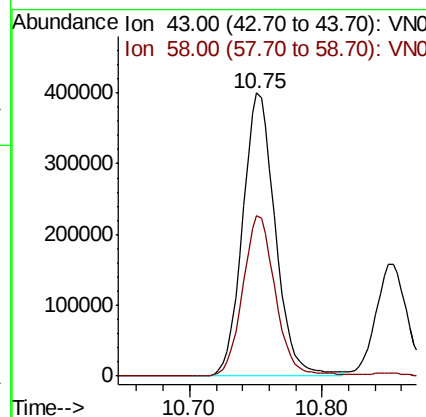
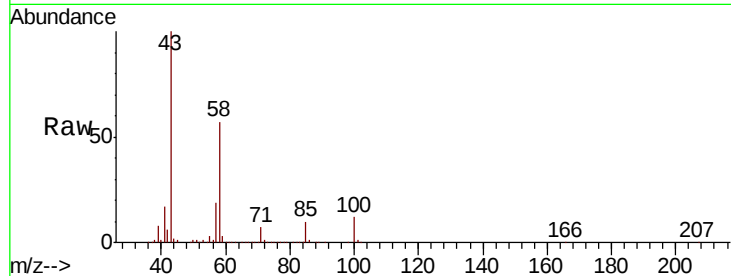




#59
2-Hexanone
Concen: 266.221 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

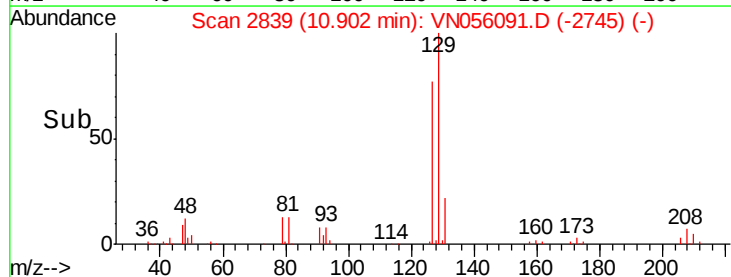
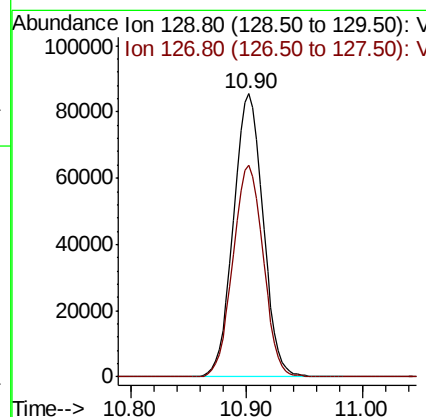
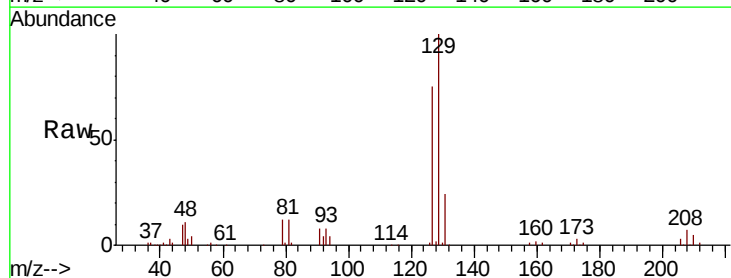
Instrument :
MSVOA_N
ClientSampled :

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

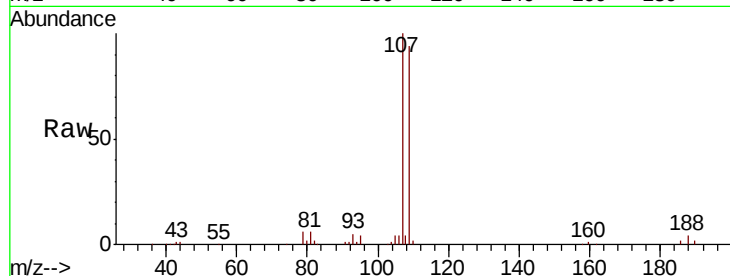
ClientSampleId :

Tot Ion: 107 Resp: 158148

Ion Ratio Lower Upper

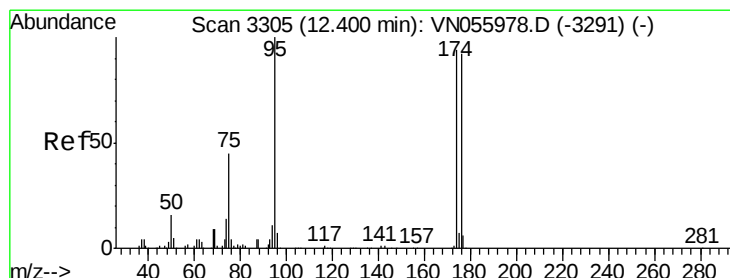
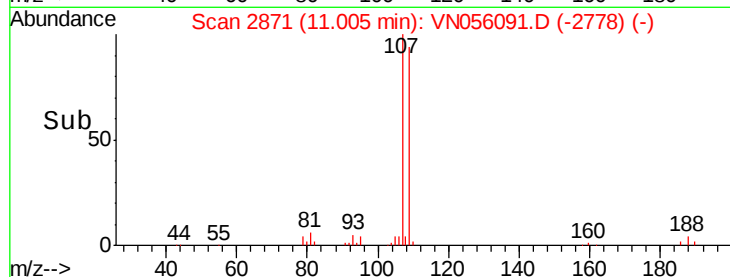
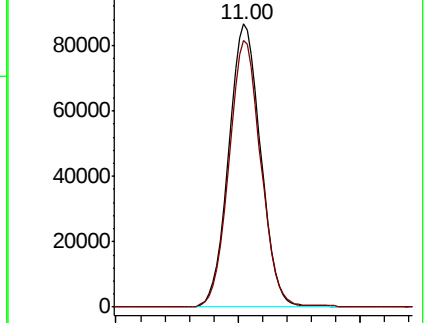
107 100

109 93.9 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#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

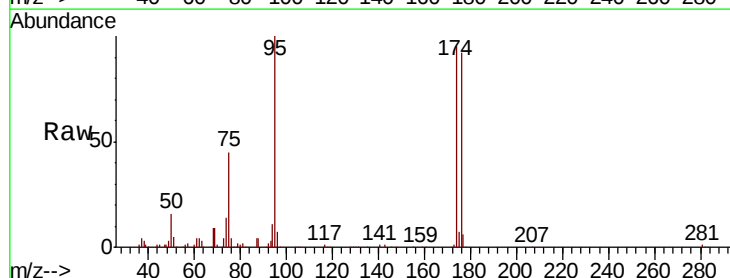
Tgt Ion: 95 Resp: 185556

Ion Ratio Lower Upper

95 100

174 95.4 0.0 191.0

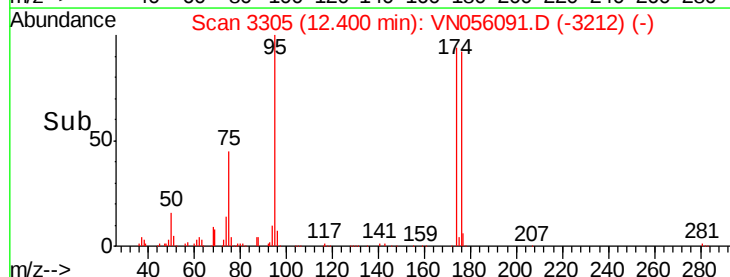
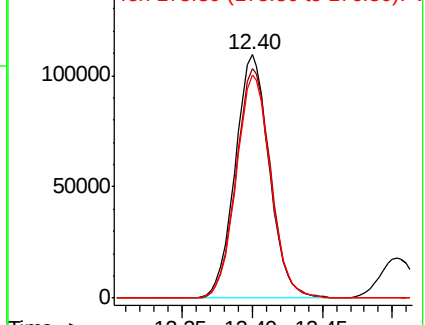
176 92.6 0.0 185.2

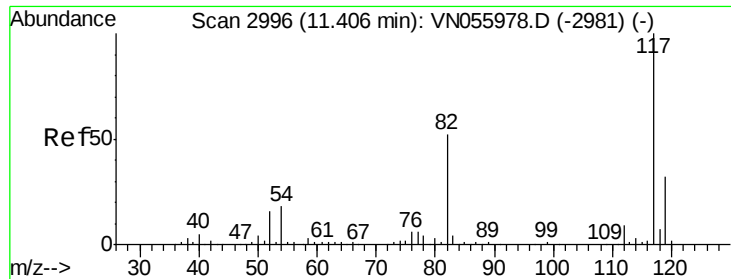


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

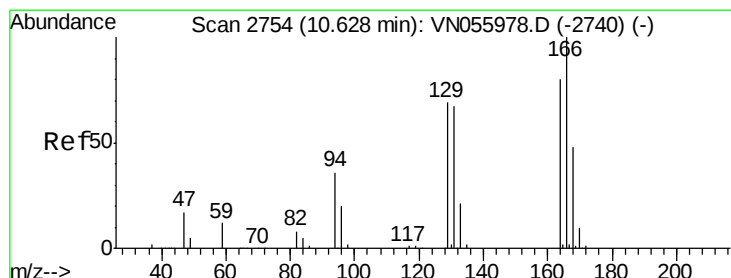
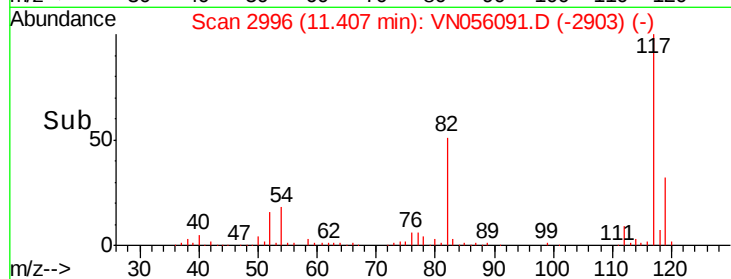
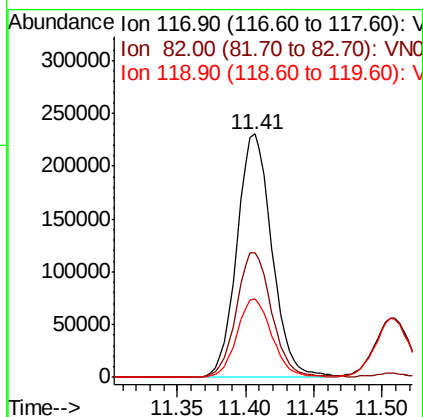
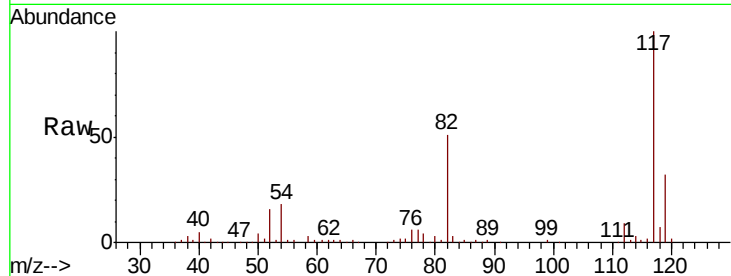




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

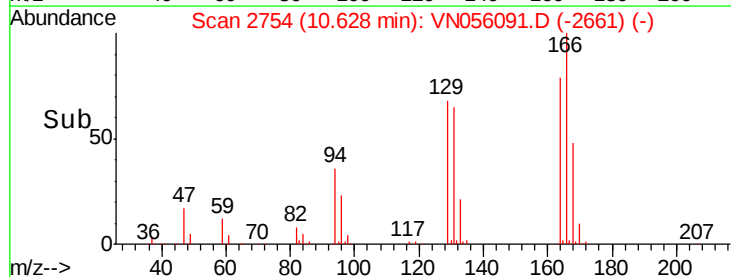
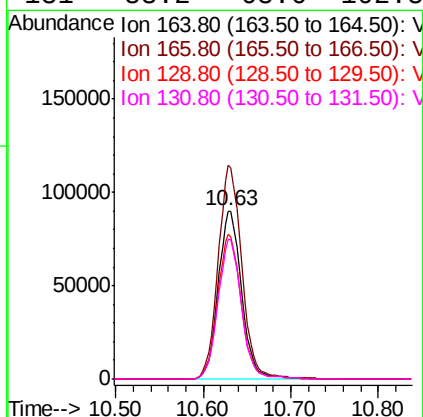
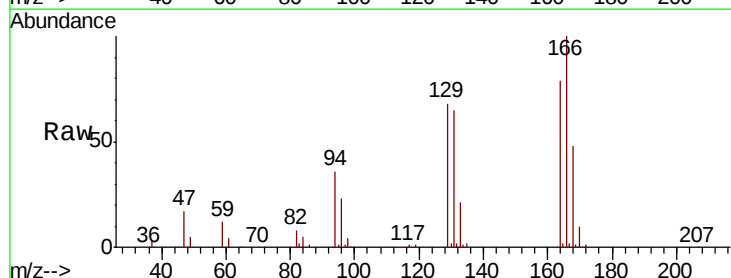
Instrument :
MSVOA_N
ClientSampleId :

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



#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

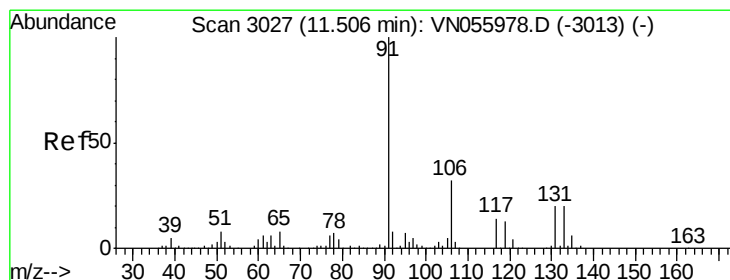
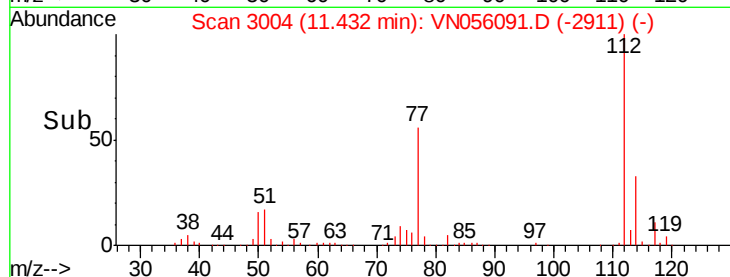
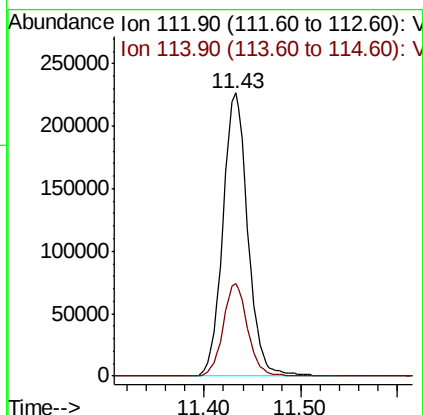
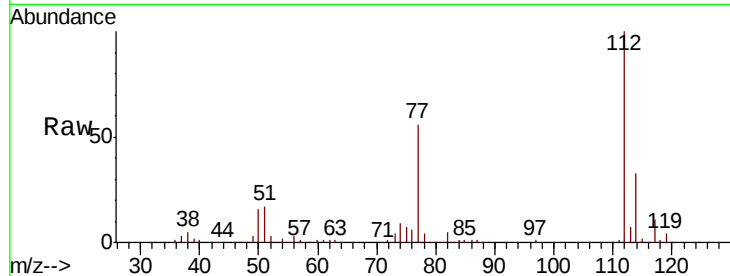




#65
Chlorobenzene
Concen: 49.425 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

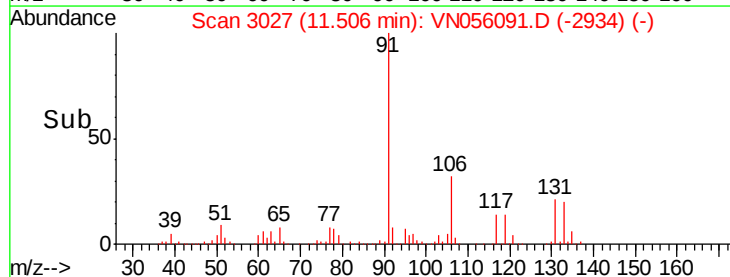
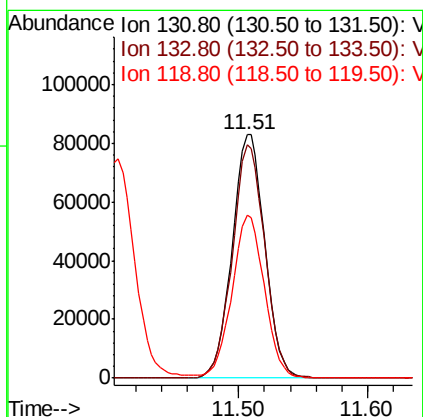
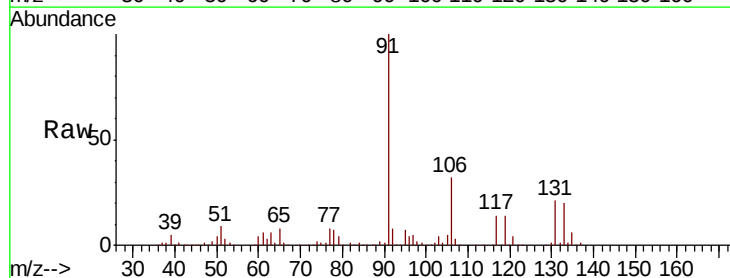
Instrument :
MSVOA_N
ClientSampled :

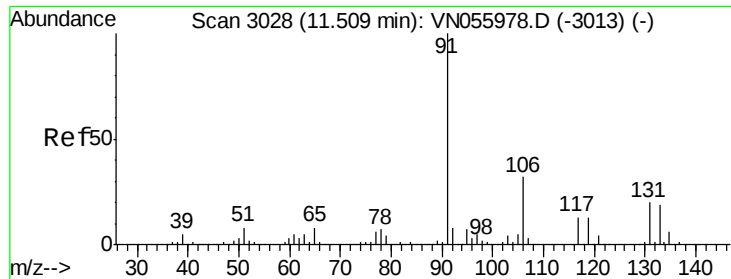
Tot Ion:112 Resp: 405009
Ion Ratio Lower Upper
112 100
114 32.6 26.2 39.4



#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

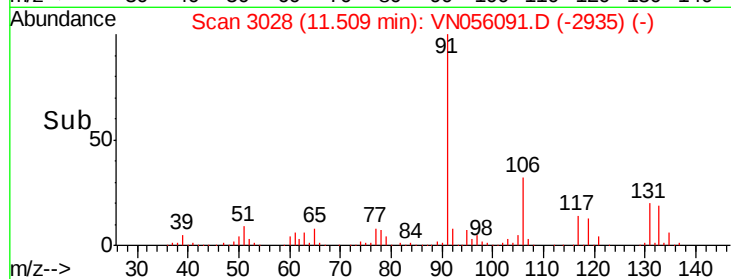
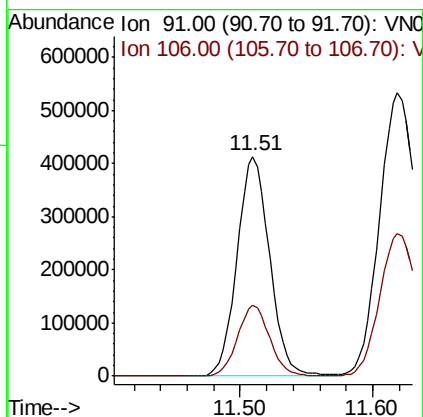
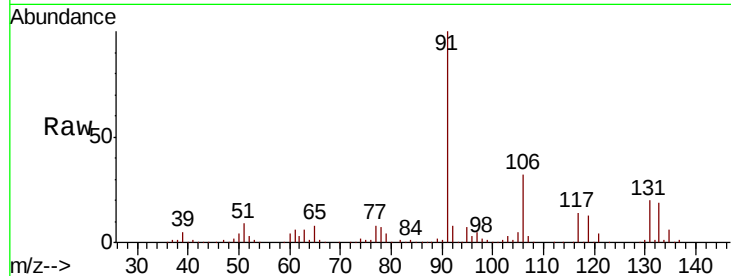




#67
Ethyl Benzene
Concen: 49.523 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

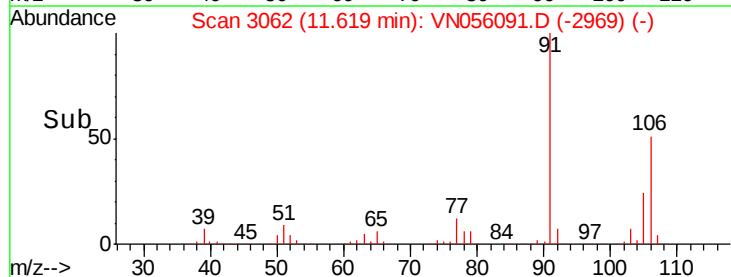
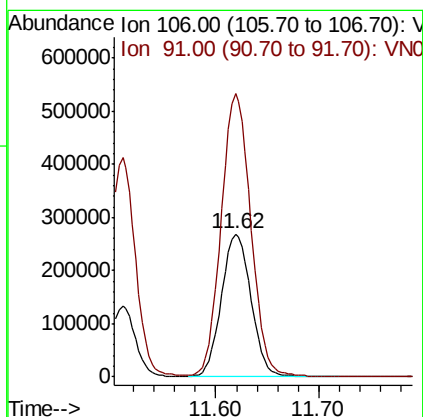
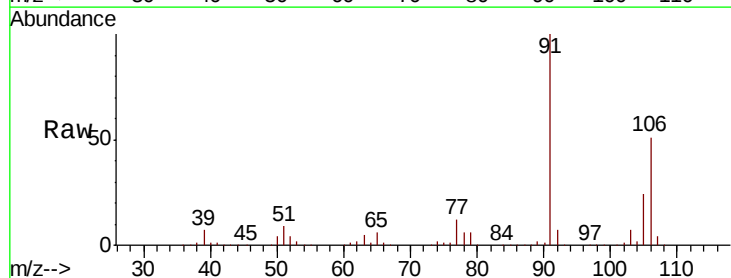
Instrument :
MSVOA_N
ClientSampled :

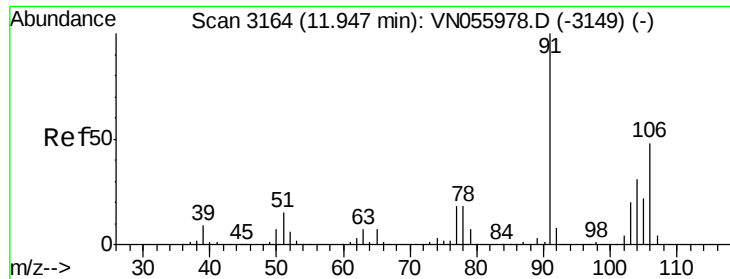
Tot Ion: 91 Resp: 705631
Ion Ratio Lower Upper
91 100
106 32.0 25.1 37.7



#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

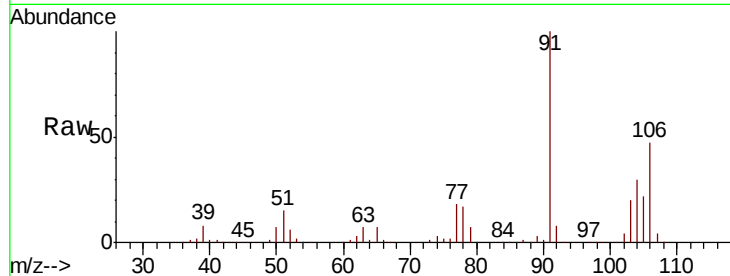




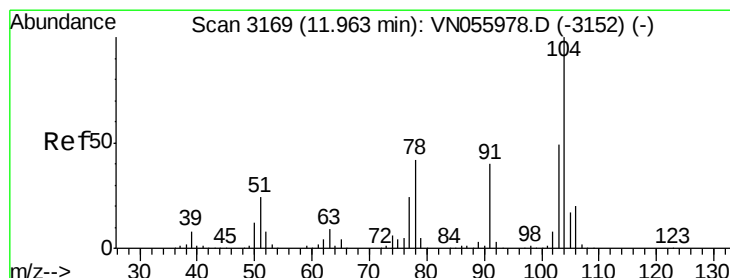
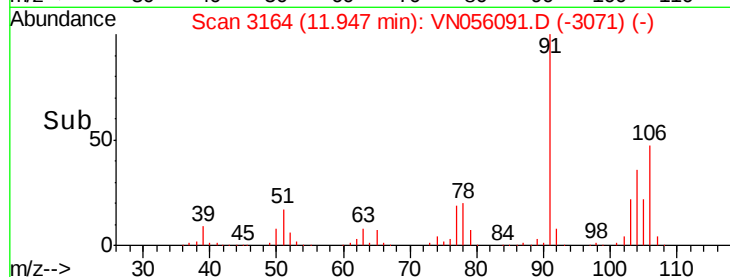
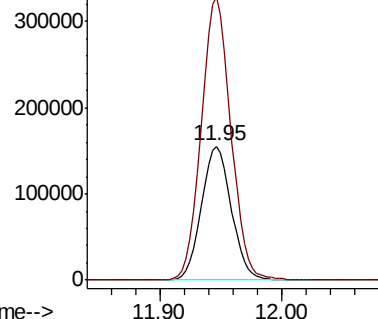
#69
o-Xylene
Concen: 49.647 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampled :

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

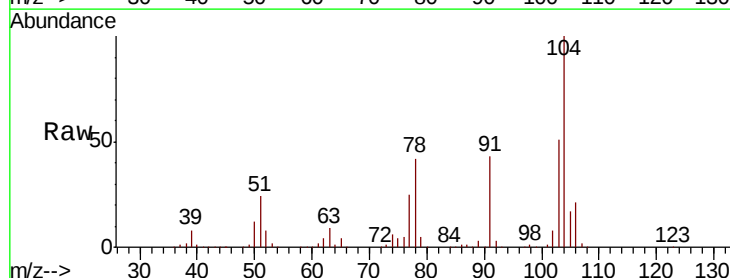


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

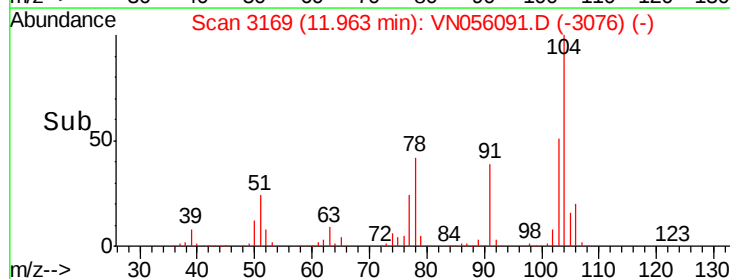
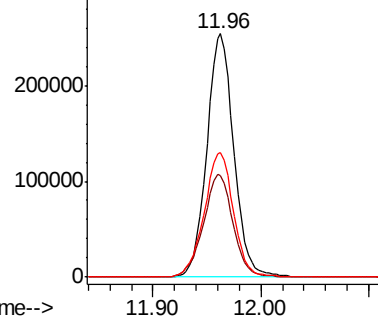


#70
Styrene
Concen: 52.034 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

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): VN
Ion 103.00 (102.70 to 103.70): V

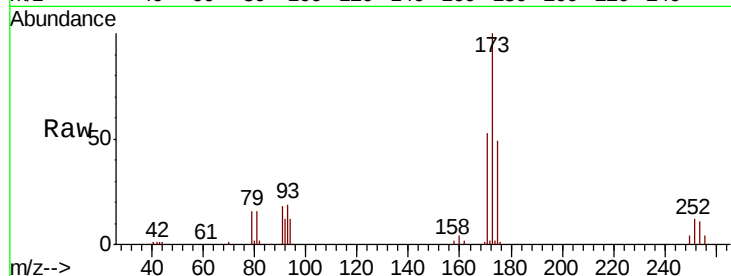




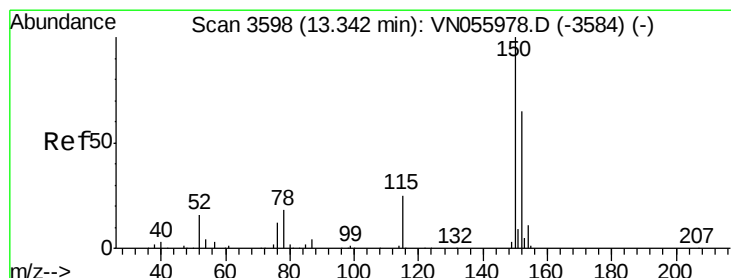
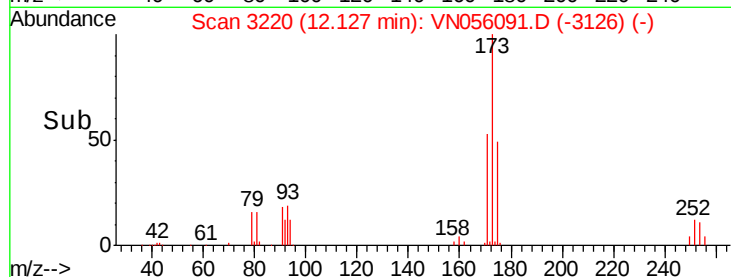
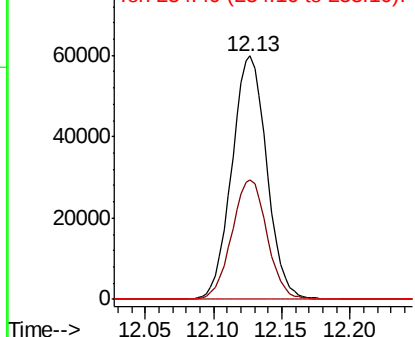
#71
Bromoform
Concen: 45.061 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampleId :

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

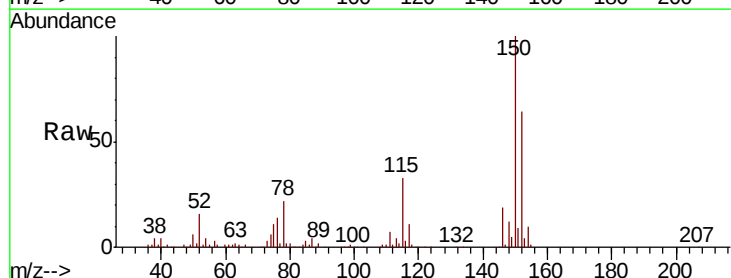


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

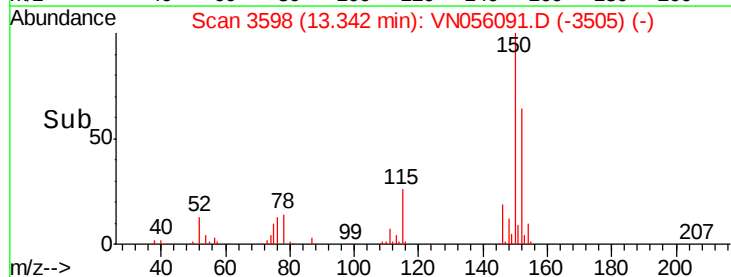
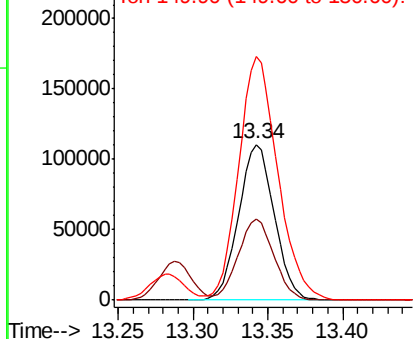


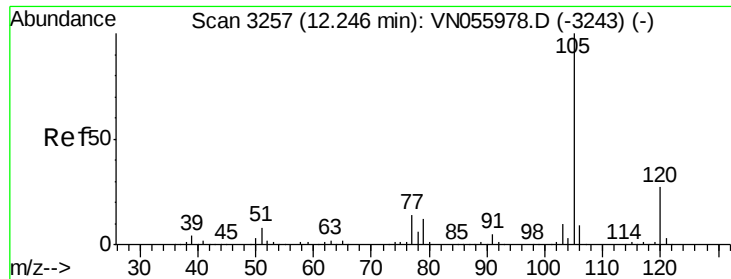
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

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

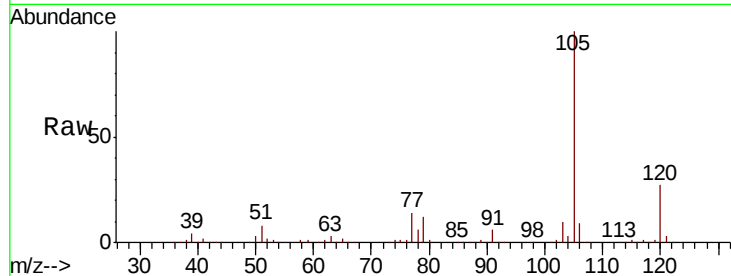
ClientSampleId :

Tot Ion:105 Resp: 701096

Ion Ratio Lower Upper

105 100

120 26.9 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

400000

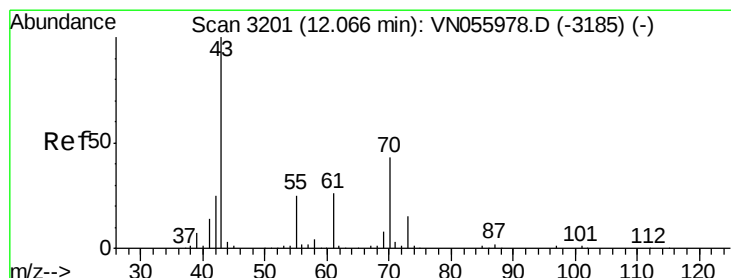
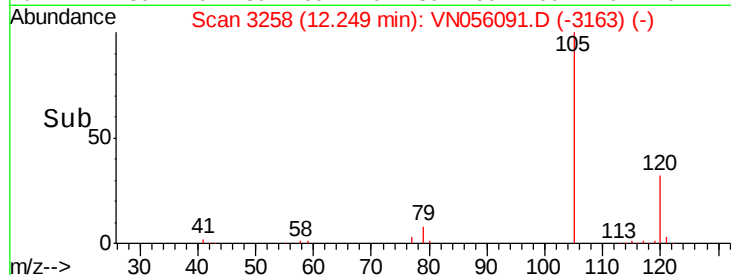
300000

200000

100000

0

Time-->



#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

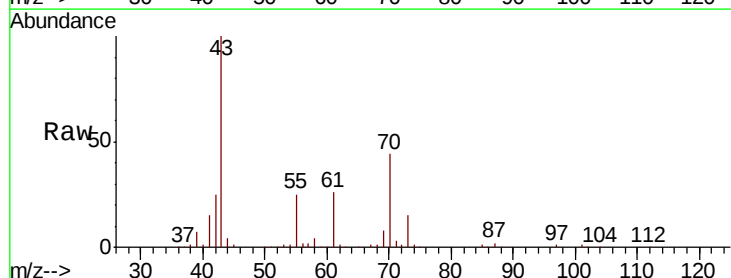
Ion Ratio Lower Upper

43 100

70 43.7 34.0 51.0

55 25.0 18.6 28.0

61 25.7 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

200000

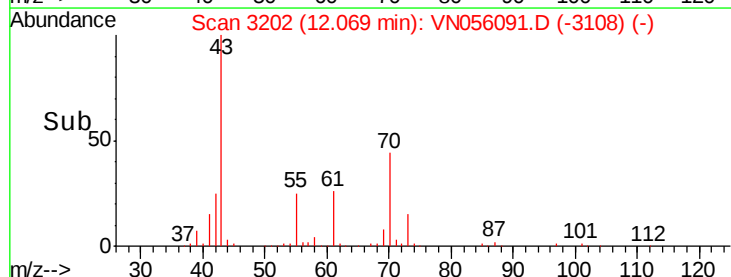
150000

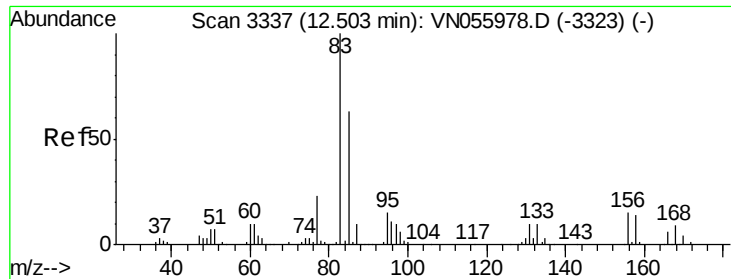
100000

50000

0

Time-->





#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

ClientSampled :

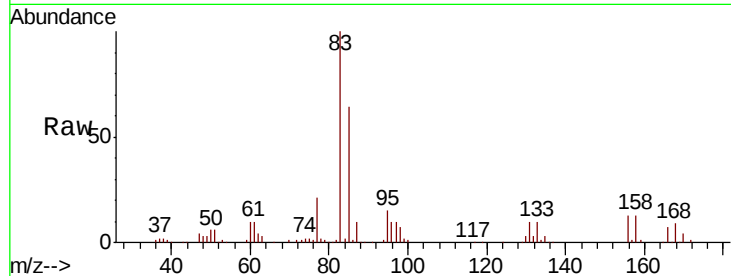
Tot Ion: 83 Resp: 210402

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

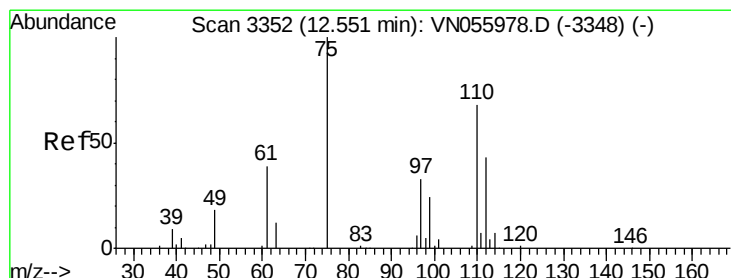
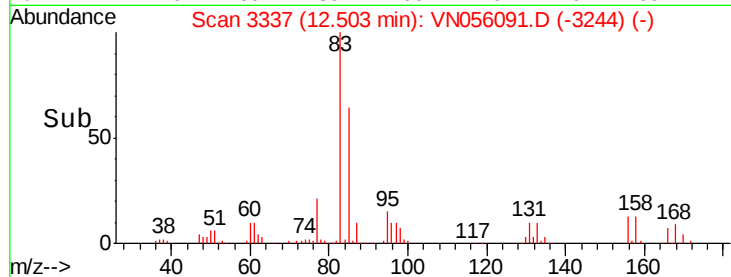
100000

50000

0

12.45 12.50 12.55

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

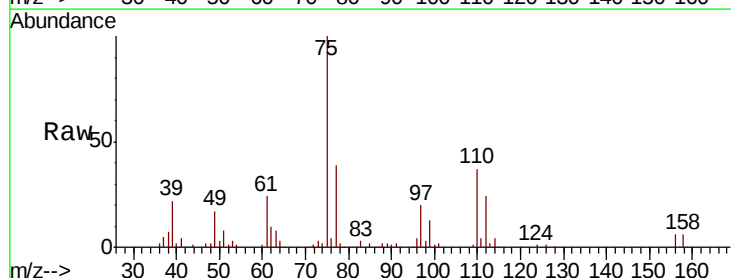
Acq: 7 Jun 2019 11:25

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) (-)

150000

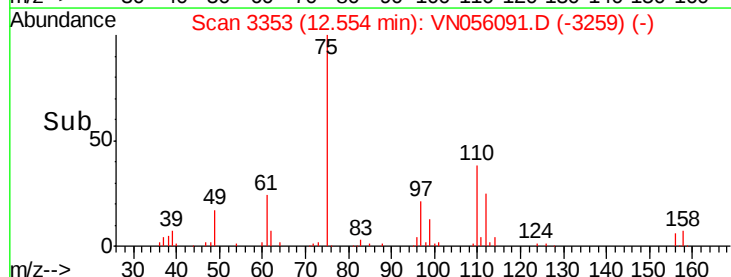
100000

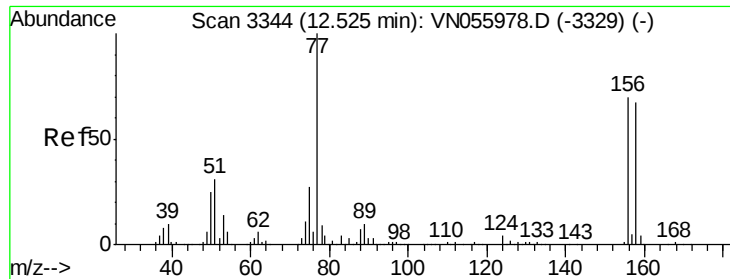
50000

0

12.50 12.55

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

ClientSampled :

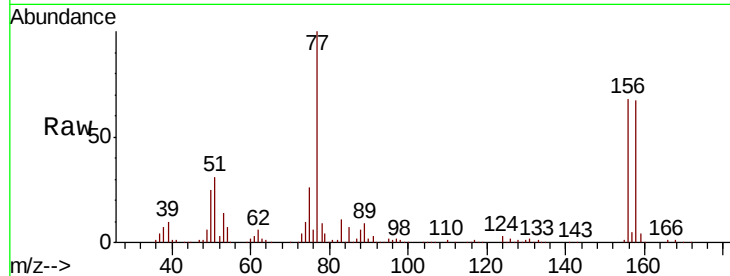
Tot Ion:156 Resp: 188067

Ion Ratio Lower Upper

156 100

77 176.5 90.8 272.5

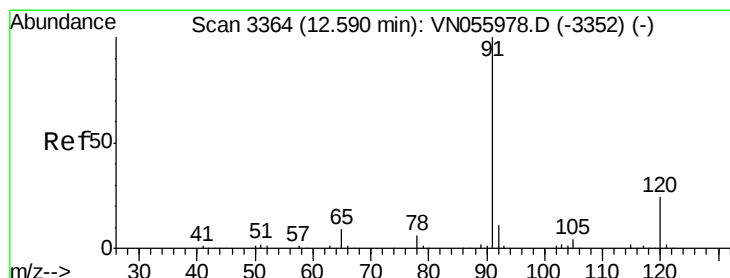
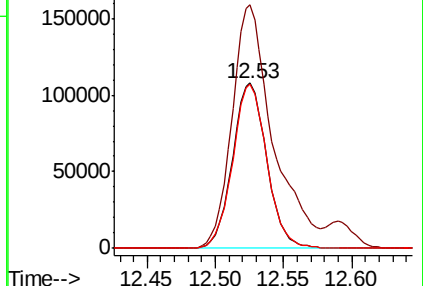
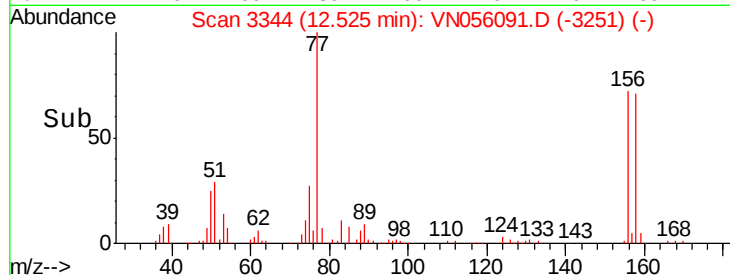
158 98.9 49.3 147.8



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

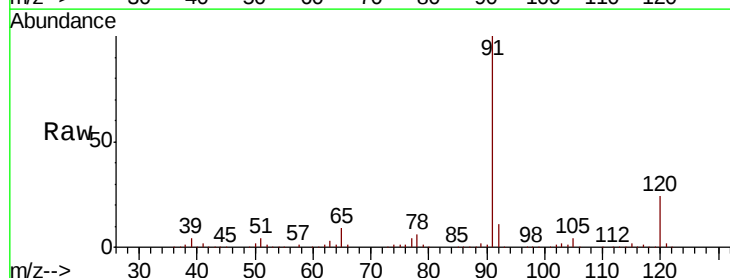
Acq: 7 Jun 2019 11:25

Tgt Ion: 91 Resp: 752202

Ion Ratio Lower Upper

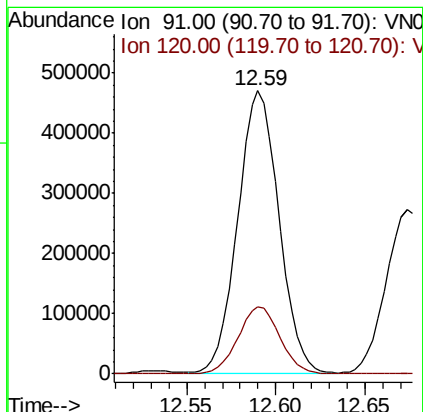
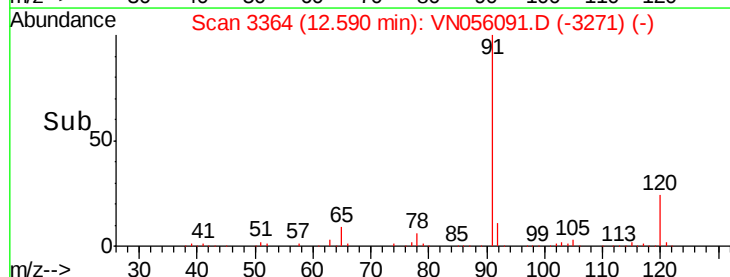
91 100

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

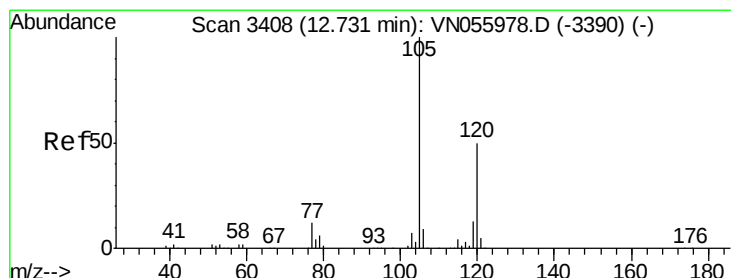
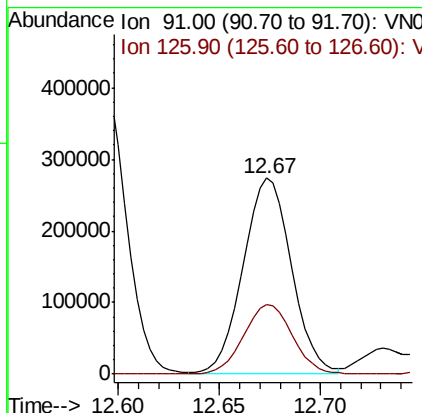
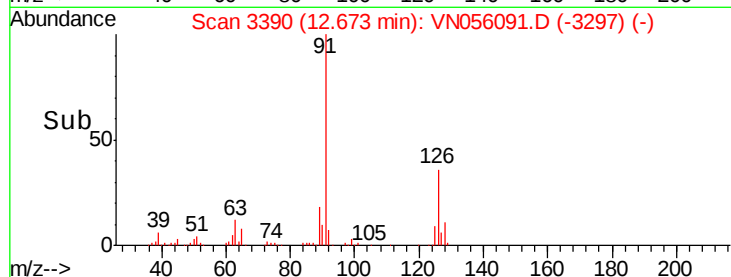
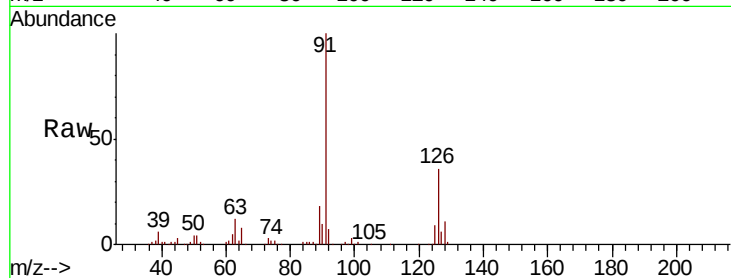
ClientSampled :

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

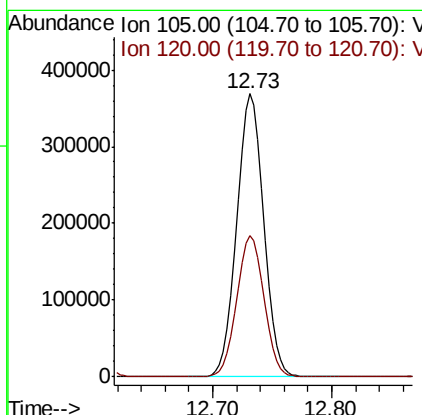
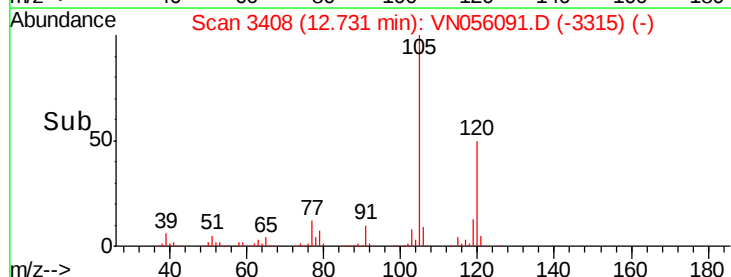
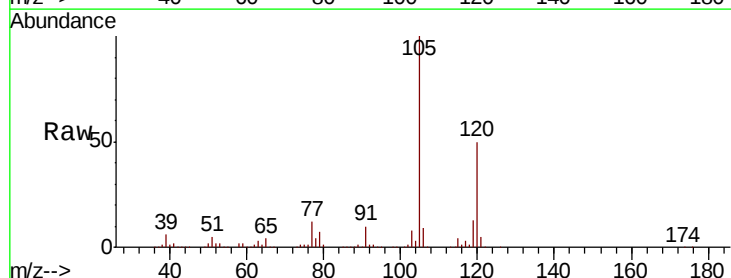
Acq: 7 Jun 2019 11:25

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 :

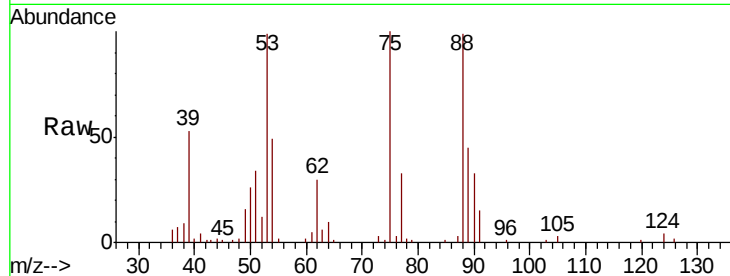
Tot Ion: 75 Resp: 50869

Ion Ratio Lower Upper

75 100

53 98.5 68.1 102.1

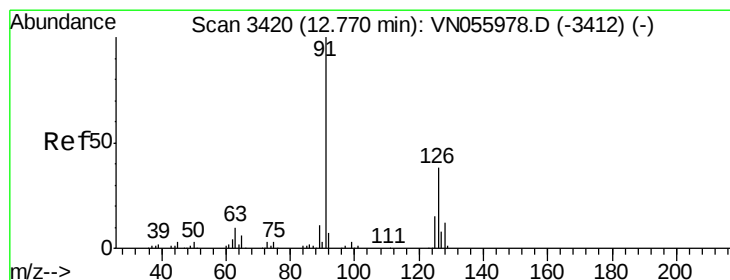
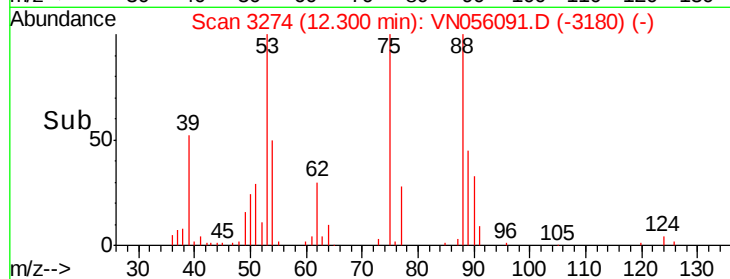
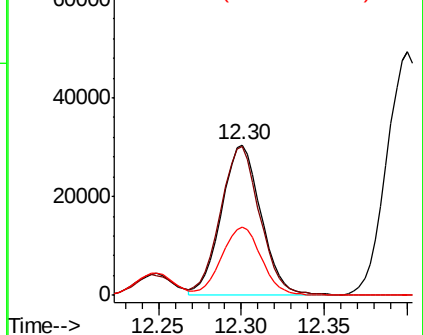
89 45.1 36.9 55.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 48.943 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056091.D

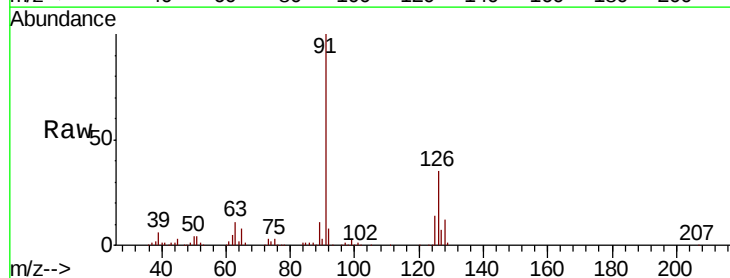
Acq: 7 Jun 2019 11:25

Tgt Ion: 91 Resp: 443804

Ion Ratio Lower Upper

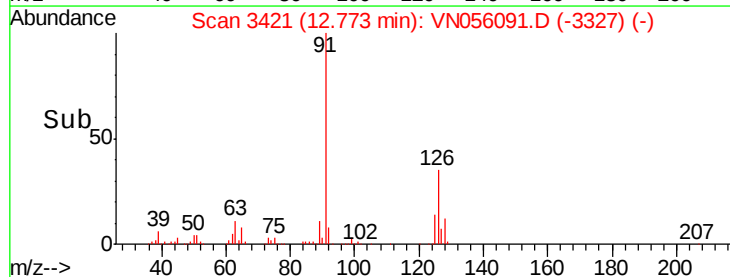
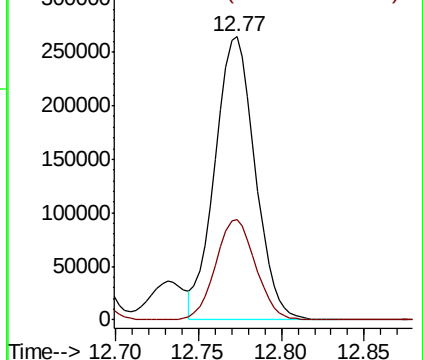
91 100

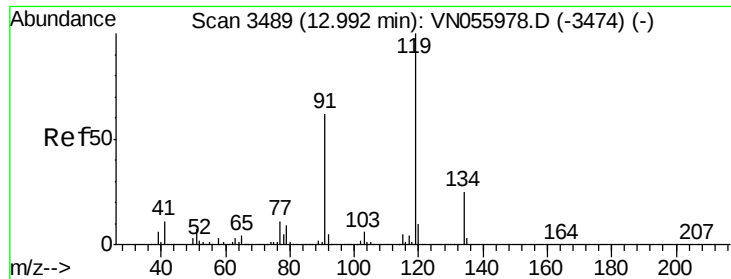
126 35.5 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

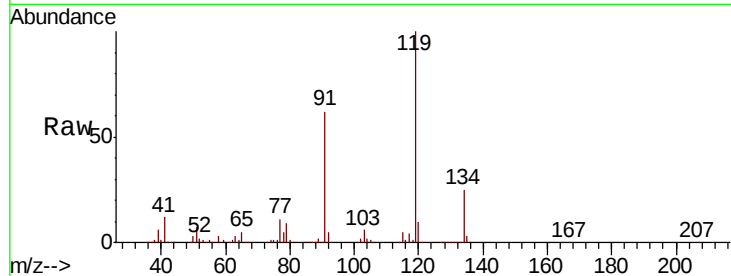




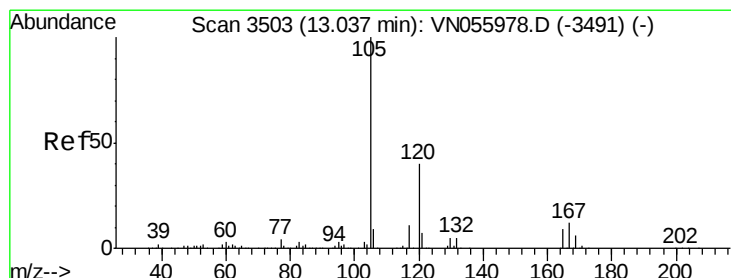
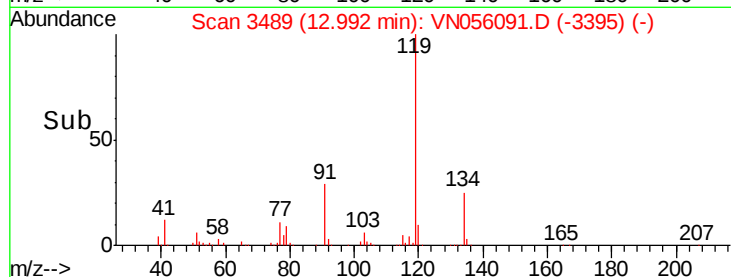
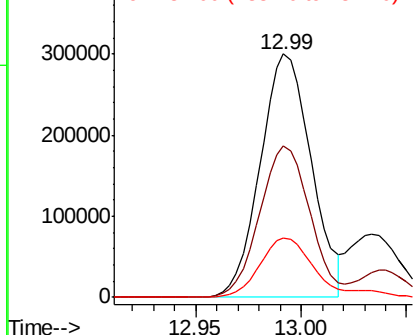
#83
tert-Butylbenzene
Concen: 52.966 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

Instrument :
MSVOA_N
ClientSampled :

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

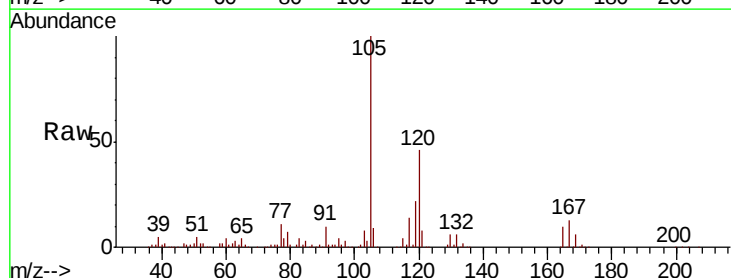


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

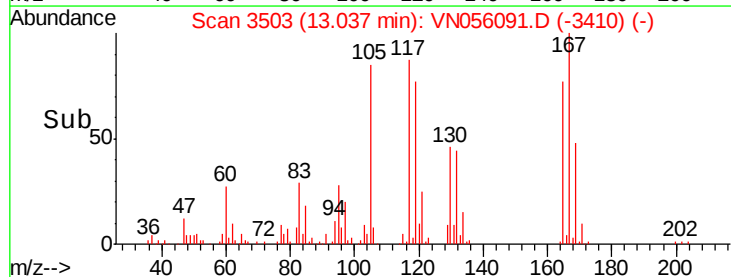
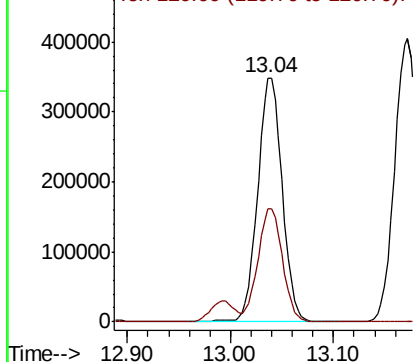


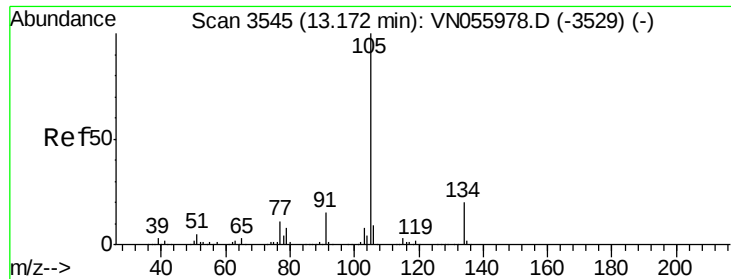
#84
1,2,4-Trimethylbenzene
Concen: 48.916 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN056091.D
Acq: 7 Jun 2019 11:25

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

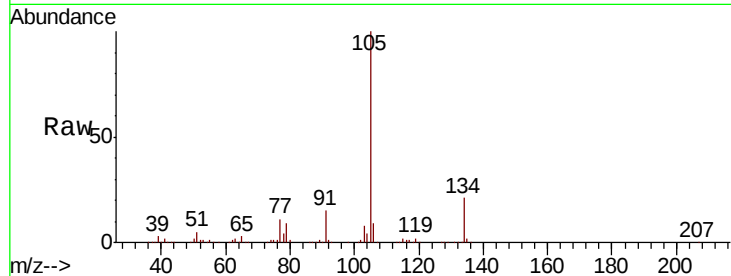
ClientSampleId :

Tot Ion:105 Resp: 653784

Ion Ratio Lower Upper

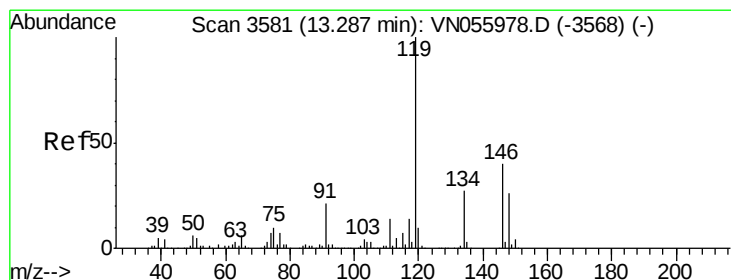
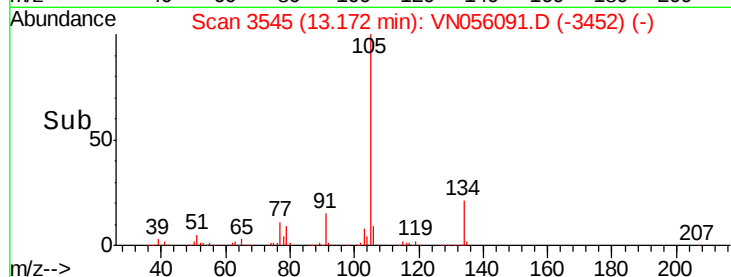
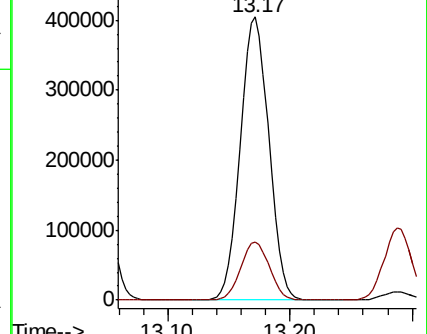
105 100

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

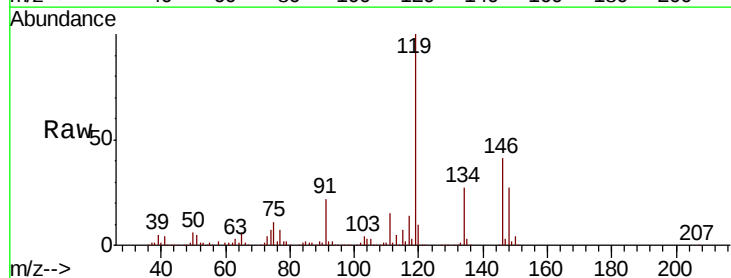
Tgt Ion:119 Resp: 596313

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

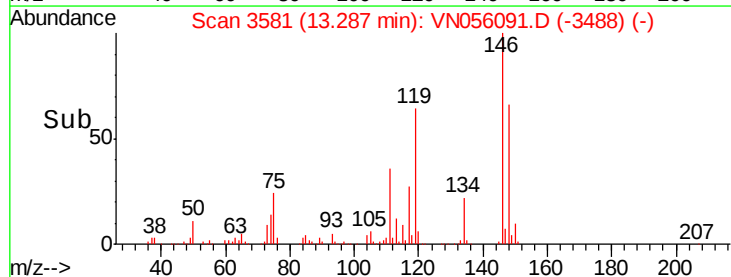
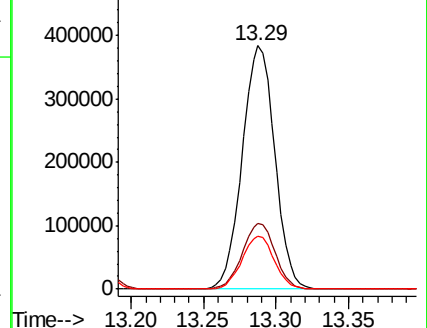
91 21.5 10.9 32.9

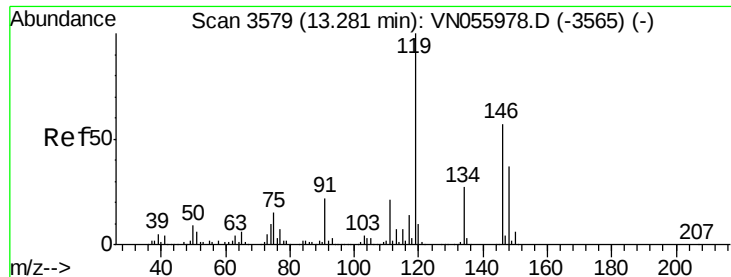


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

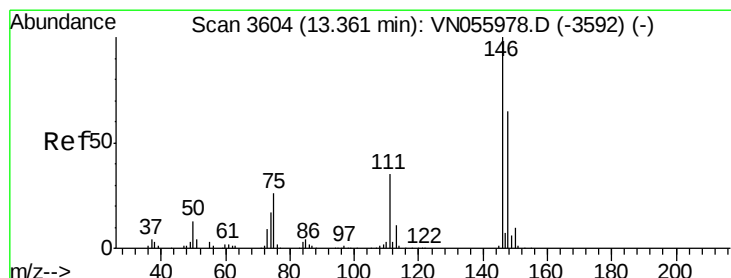
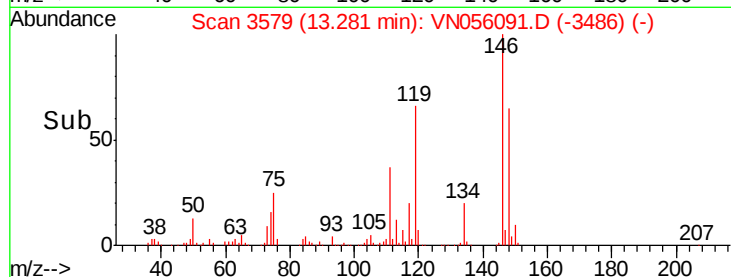
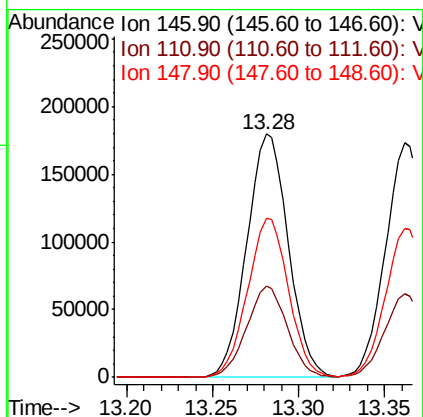
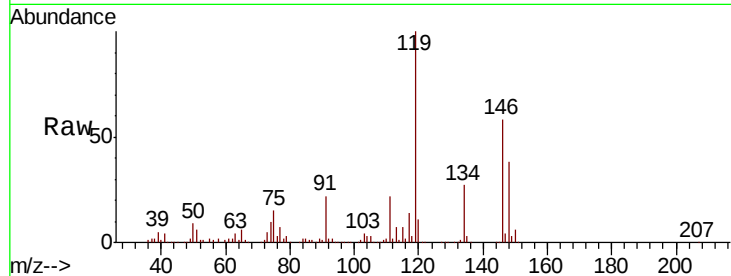




#87
 1,3-Dichlorobenzene
 Concen: 49.476 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

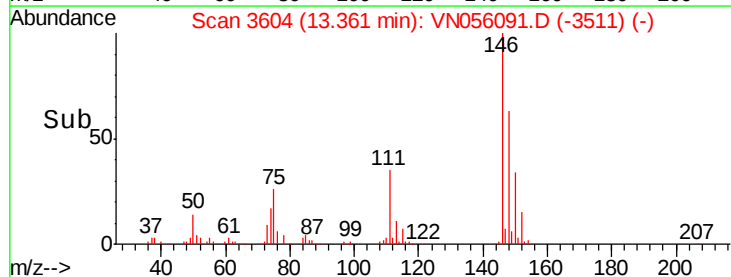
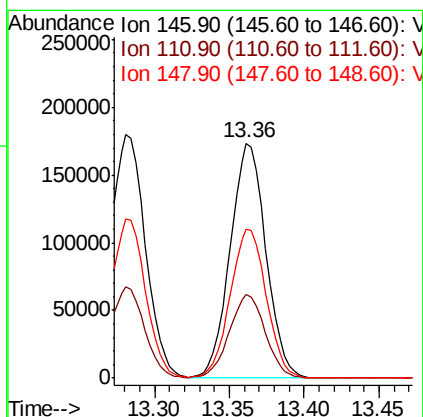
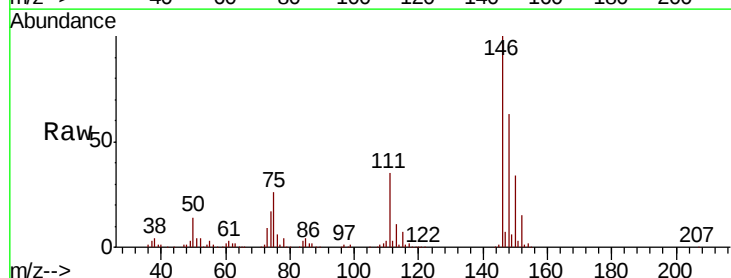
Instrument :
 MSVOA_N
 ClientSampled :

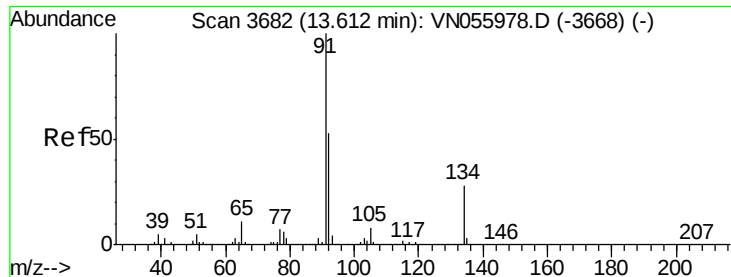
Tot Ion:146 Resp: 300362
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.5 55.5
 148 64.6 32.0 96.2



#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

ClientSampled :

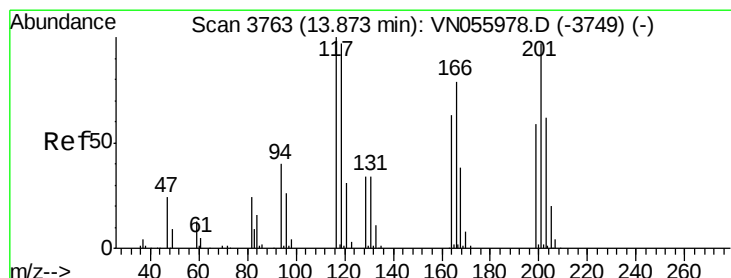
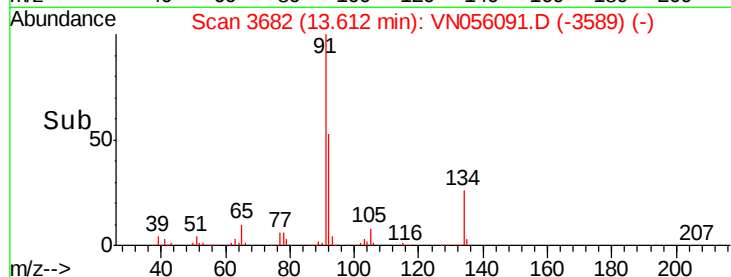
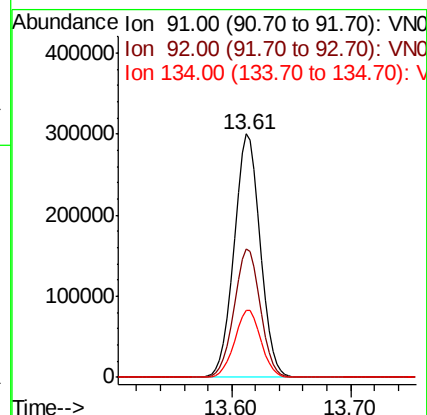
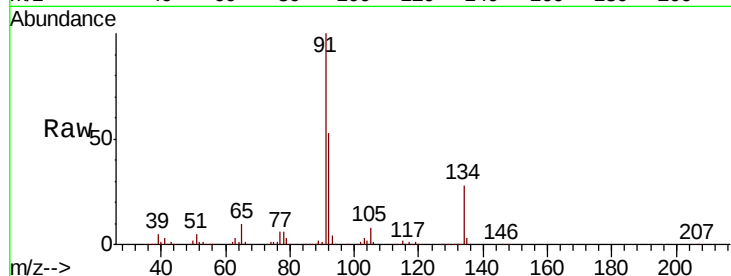
Tot Ion: 91 Resp: 456160

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

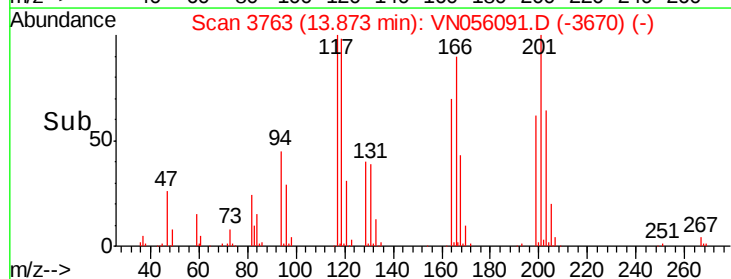
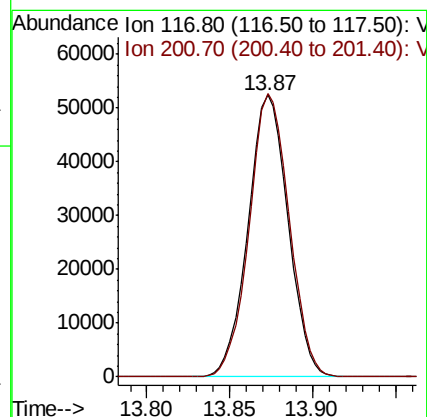
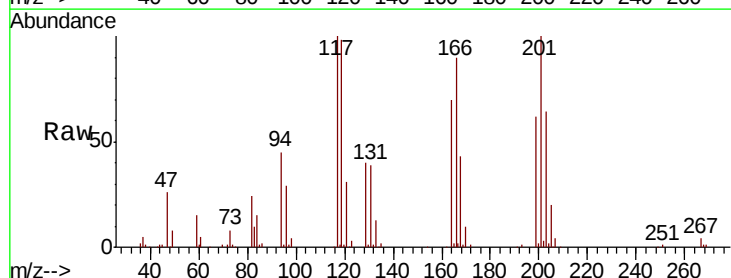
Acq: 7 Jun 2019 11:25

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 :

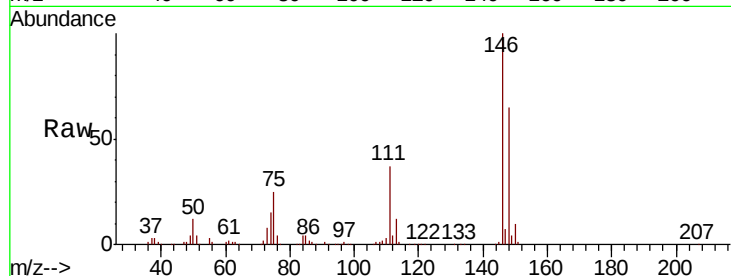
Tot Ion:146 Resp: 299363

Ion Ratio Lower Upper

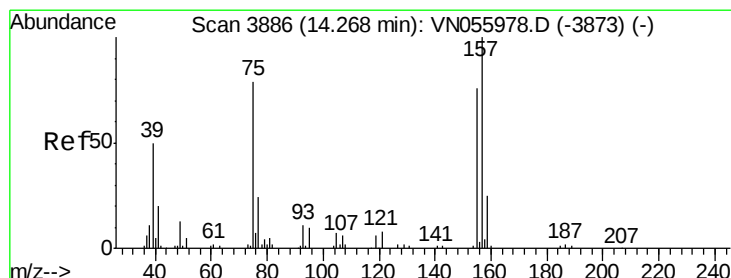
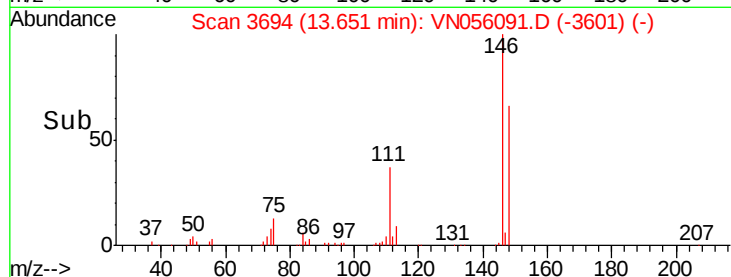
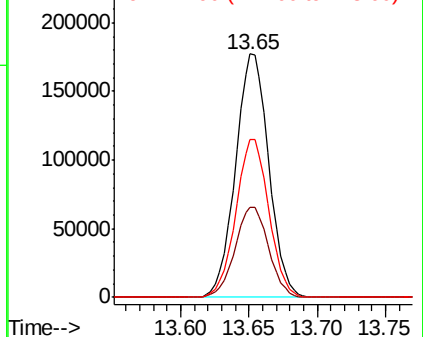
146 100

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

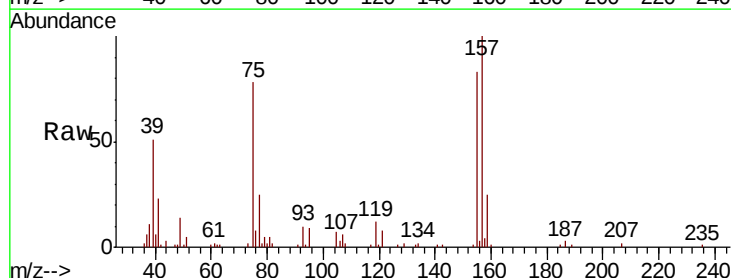
Tgt Ion: 75 Resp: 32051

Ion Ratio Lower Upper

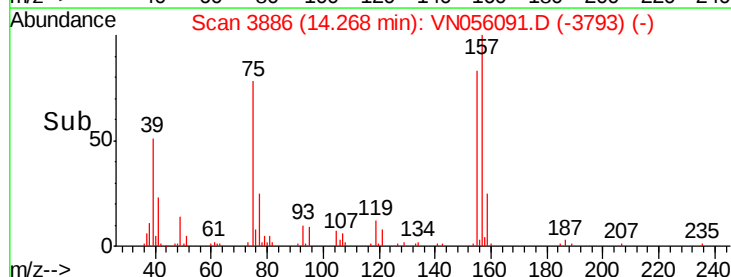
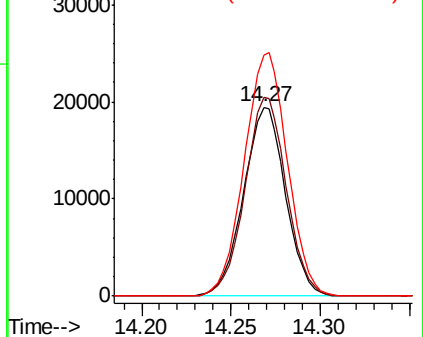
75 100

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

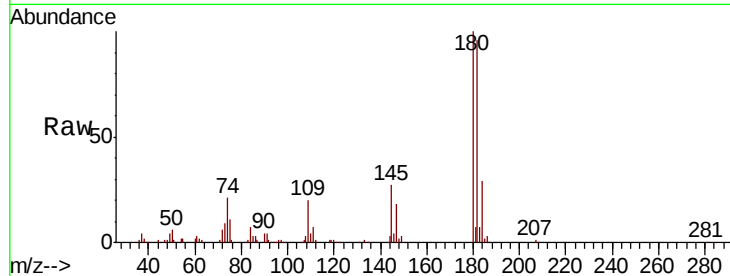




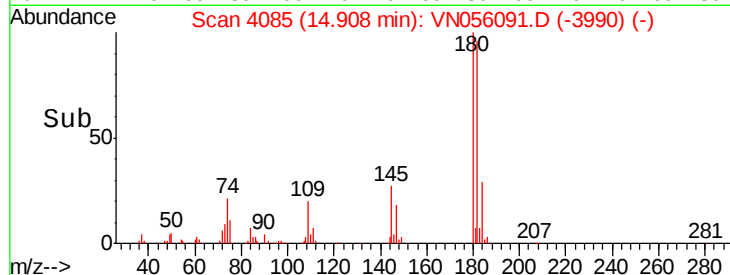
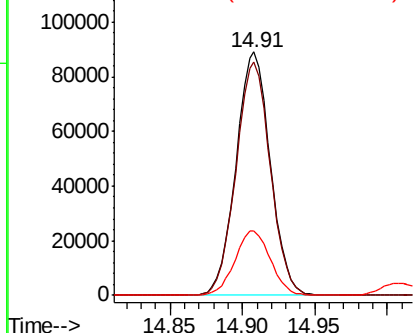
#93
 1,2,4-Trichlorobenzene
 Concen: 43.821 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

Instrument :
 MSVOA_N
 ClientSampleId :

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

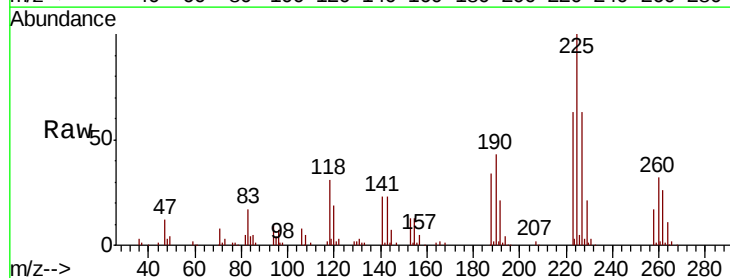


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

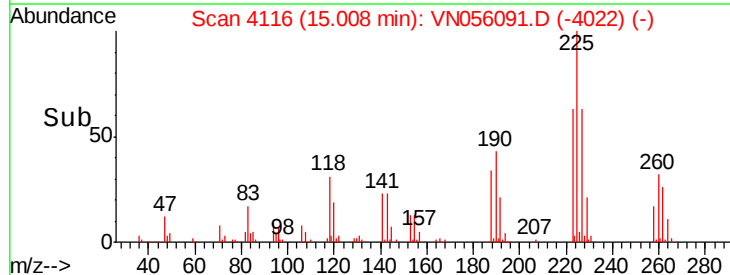
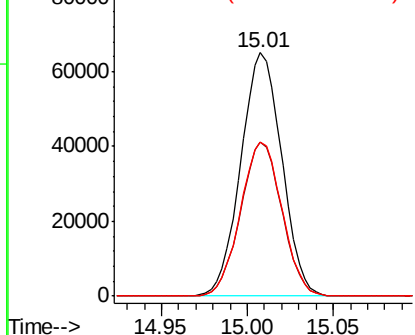


#94
 Hexachlorobutadiene
 Concen: 51.268 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056091.D
 Acq: 7 Jun 2019 11:25

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 :

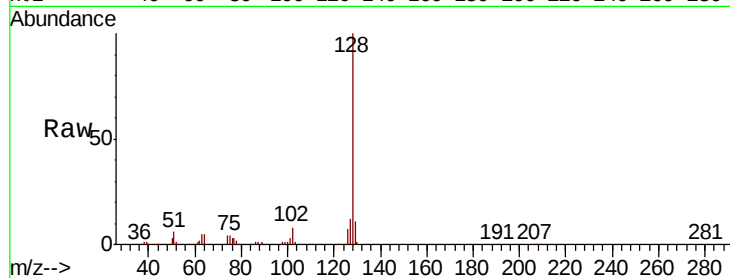
Tot Ion:128 Resp: 388372

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 10.8 8.7 13.1

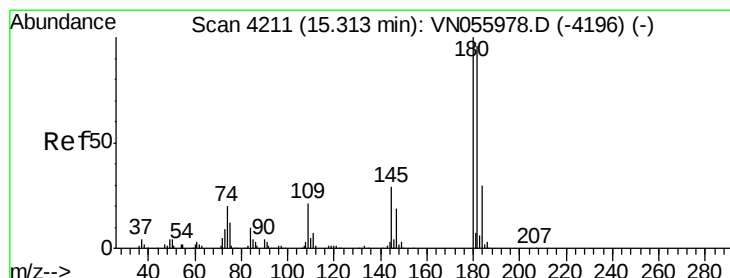
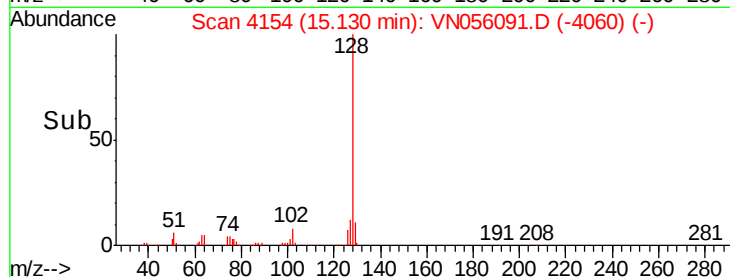
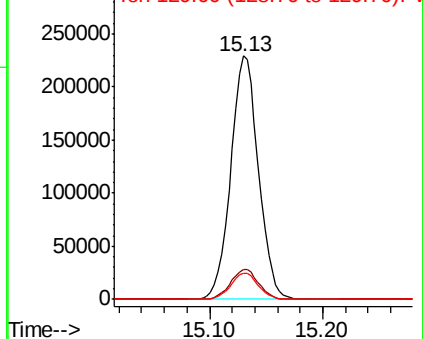


Abundance

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

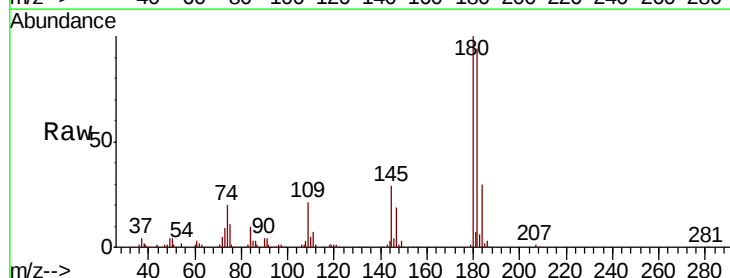
Tgt Ion:180 Resp: 157429

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

