

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
 Data File : VN056207.D
 Acq On : 11 Jun 2019 8:06
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 11 09:04:57 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	280415	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	409181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	373537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167278	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	141291	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.59	113	131110	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
50) Toluene-d8	10.09	98	479538	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.40	95	164639	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	143635	46.649	ug/l	100
3) Chloromethane	2.06	50	153875	50.622	ug/l	99
4) Vinyl Chloride	2.18	62	154343	50.619	ug/l	99
5) Bromomethane	2.53	94	94350	48.985	ug/l	100
6) Chloroethane	2.68	64	86951	49.184	ug/l	99
7) Trichlorofluoromethane	3.00	101	193578	49.731	ug/l	100
8) Diethyl Ether	3.40	74	76946	48.069	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.74	101	118480	50.107	ug/l	98
10) Methyl Iodide	3.94	142	176208	46.894	ug/l	99
11) Tert butyl alcohol	4.81	59	119002	245.605	ug/l	98
12) 1,1-Dichloroethene	3.72	96	118270	50.241	ug/l	96
13) Acrolein	3.60	56	49239	352.359	ug/l	99
14) Allyl chloride	4.31	41	181197	48.746	ug/l	97
15) Acrylonitrile	4.99	53	342888	290.713	ug/l	99
16) Acetone	3.82	43	278804	209.369	ug/l	100
17) Carbon Disulfide	4.04	76	267955	47.540	ug/l	99
18) Methyl Acetate	4.33	43	156383	59.900	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	392009	52.243	ug/l	100
20) Methylene Chloride	4.54	84	140772	51.311	ug/l	96
21) trans-1,2-Dichloroethene	5.03	96	127596	50.588	ug/l	96
22) Diisopropyl ether	5.95	45	402109	52.331	ug/l	98
23) Vinyl Acetate	5.90	43	1579008	260.946	ug/l	100
24) 1,1-Dichloroethane	5.84	63	232935	52.553	ug/l	99
25) 2-Butanone	6.84	43	444936	264.452	ug/l	99
26) 2,2-Dichloropropane	6.82	77	95762	27.688	ug/l	94
27) cis-1,2-Dichloroethene	6.83	96	151291	51.028	ug/l	93
28) Bromochloromethane	7.19	49	113196	54.004	ug/l	97
29) Tetrahydrofuran	7.22	42	294939	283.593	ug/l	99
30) Chloroform	7.37	83	237405	53.244	ug/l	100
31) Cyclohexane	7.65	56	201665	45.645	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	198346	53.270	ug/l	99
36) 1,1-Dichloropropene	7.79	75	169307	48.121	ug/l	99
37) Ethyl Acetate	6.93	43	175888	56.185	ug/l	99
38) Carbon Tetrachloride	7.77	117	170643	52.606	ug/l	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	196159	44.756	ug/l	98
40) Benzene	8.04	78	545541	51.051	ug/l	100
41) Methacrylonitrile	7.17	41	84192	58.453	ug/l	95
42) 1,2-Dichloroethane	8.12	62	175119	50.946	ug/l	99
43) Isopropyl Acetate	8.17	43	269021	53.031	ug/l #	93
44) Trichloroethene	8.83	130	154274	50.242	ug/l	98
45) 1,2-Dichloropropane	9.12	63	143537	52.440	ug/l	99
46) Dibromomethane	9.21	93	95752	53.495	ug/l	97
47) Bromodichloromethane	9.40	83	182562	56.276	ug/l	99
48) Methyl methacrylate	9.20	41	136857	55.144	ug/l	97
49) 1,4-Dioxane	9.21	88	58306	1088.221	ug/l	100
51) 4-Methyl-2-Pentanone	9.99	43	888973	280.227	ug/l	99
52) Toluene	10.16	92	341224	51.315	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	164885	43.671	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	194515	49.883	ug/l	97
55) 1,1,2-Trichloroethane	10.56	97	142725	54.186	ug/l	99
56) Ethyl methacrylate	10.43	69	210630	54.813	ug/l	98
57) 1,3-Dichloropropane	10.71	76	230393	53.806	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	348988	230.304	ug/l	99
59) 2-Hexanone	10.75	43	617577	268.601	ug/l	100
60) Dibromochloromethane	10.90	129	154135	52.908	ug/l	99
61) 1,2-Dibromoethane	11.00	107	146580	54.435	ug/l	98
64) Tetrachloroethene	10.63	164	169593	52.451	ug/l	99
65) Chlorobenzene	11.43	112	373216	50.203	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	142616	55.559	ug/l	99
67) Ethyl Benzene	11.51	91	639602	49.479	ug/l	98
68) m/p-Xylenes	11.62	106	490838	99.397	ug/l	99
69) o-Xylene	11.95	106	243474	50.124	ug/l	98
70) Styrene	11.96	104	406658	52.691	ug/l	99
71) Bromoform	12.13	173	114999	53.178	ug/l #	100
73) Isopropylbenzene	12.25	105	632164	53.171	ug/l	99
74) N-amyl acetate	12.07	43	223181	50.051	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.50	83	197259	50.797	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	220308	71.575	ug/l #	100
77) Bromobenzene	12.53	156	176470	49.274	ug/l	95
78) n-propylbenzene	12.59	91	668940	47.270	ug/l	99
79) 2-Chlorotoluene	12.67	91	413818	52.852	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	518057	46.061	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	40155	43.445	ug/l	90
82) 4-Chlorotoluene	12.77	91	398199	48.096	ug/l	99
83) tert-Butylbenzene	12.99	119	462314	53.150	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	510503	47.864	ug/l	99
85) sec-Butylbenzene	13.17	105	589047	47.001	ug/l	100
86) p-Isopropyltoluene	13.29	119	528649	47.133	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	278296	50.207	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	265833	49.855	ug/l	100
89) n-Butylbenzene	13.61	91	376204	45.278	ug/l	99
90) Hexachloroethane	13.87	117	88809	52.503	ug/l	95
91) 1,2-Dichlorobenzene	13.65	146	282222	50.431	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	32278	58.114	ug/l	94

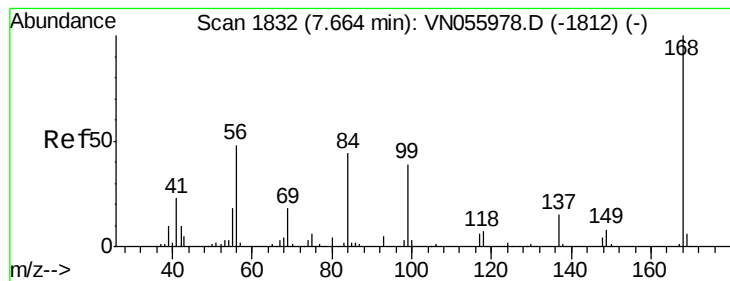
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061019\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	135105	44.339	ug/l	99
94) Hexachlorobutadiene	15.01	225	101681	53.105	ug/l	100
95) Naphthalene	15.13	128	361134	45.511	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	151226	48.232	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: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

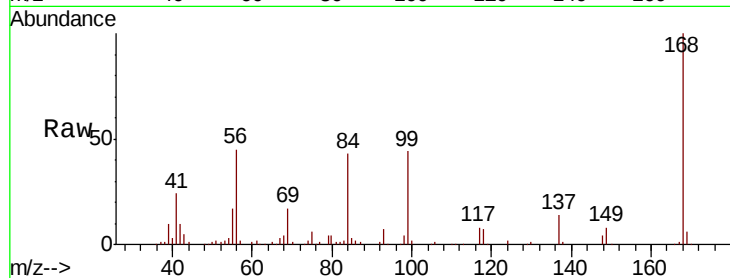
VSTDCCC050EC

Tot Ion:168 Resp: 280415

Ion Ratio Lower Upper

168 100

99 43.8 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

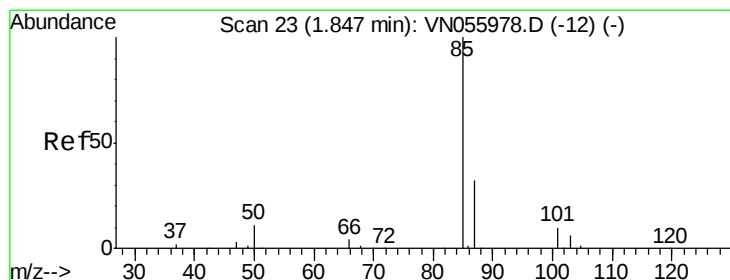
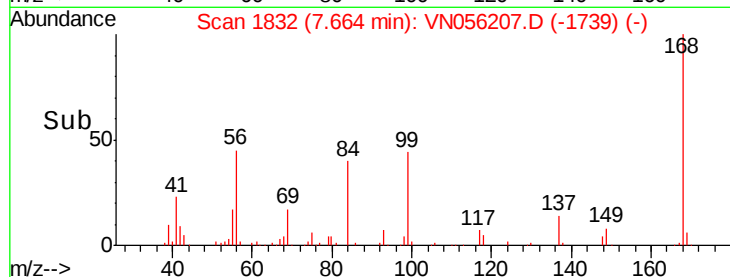
7.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.649 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN056207.D

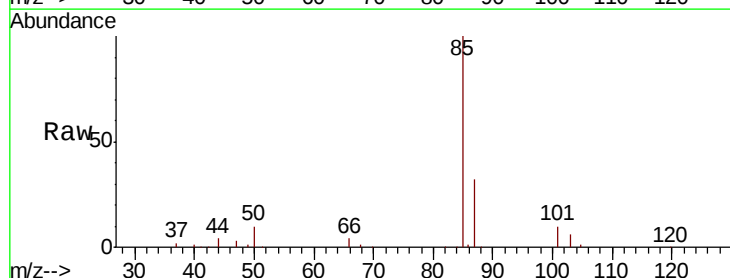
Acq: 11 Jun 2019 8:06

Tgt Ion: 85 Resp: 143635

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.85

100000

80000

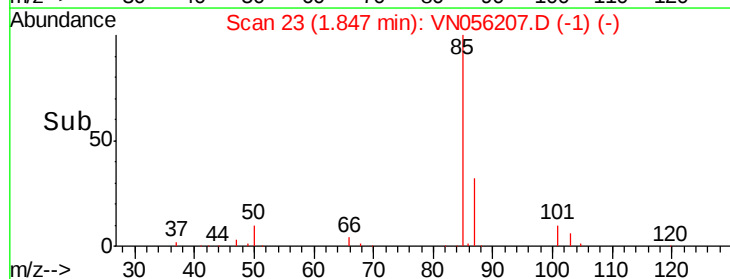
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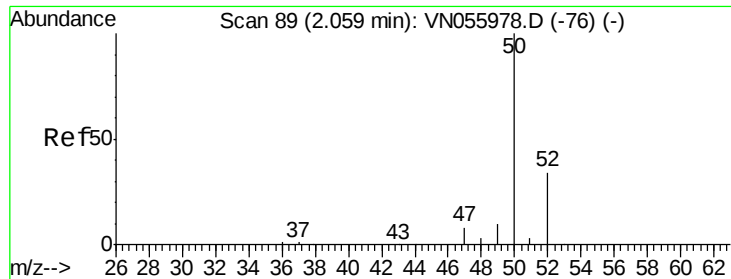
40000

20000

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Time-->





#3

Chloromethane

Concen: 50.622 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

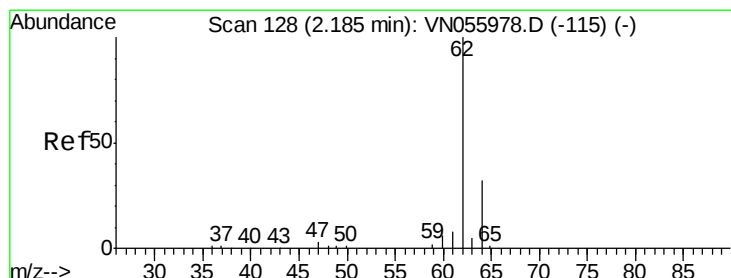
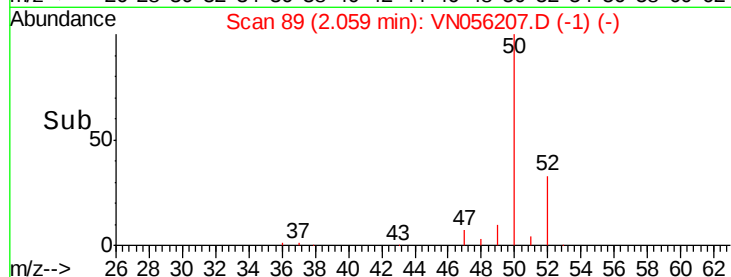
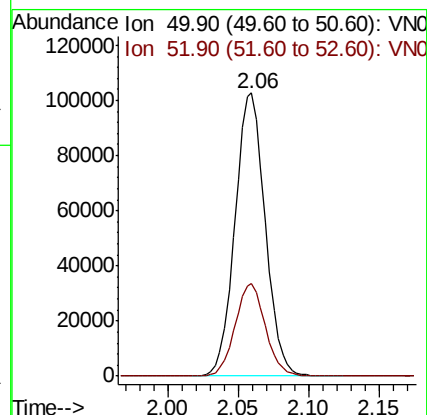
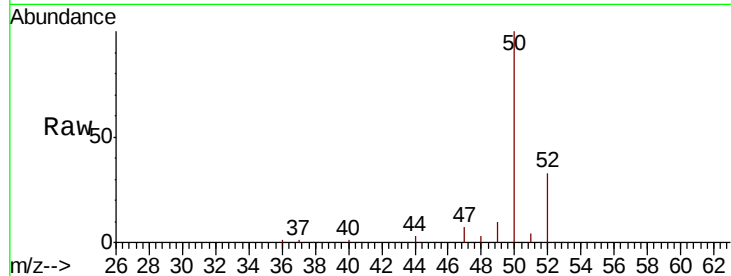
VSTDCCC050EC

Tot Ion: 50 Resp: 153875

Ion Ratio Lower Upper

50 100

52 32.5 26.6 40.0



#4

Vinyl Chloride

Concen: 50.619 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN056207.D

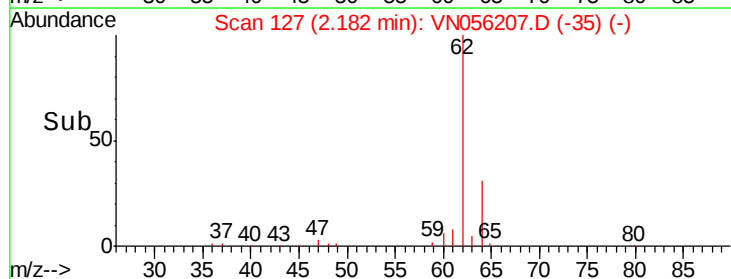
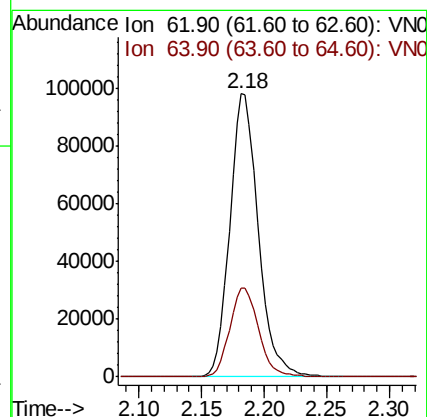
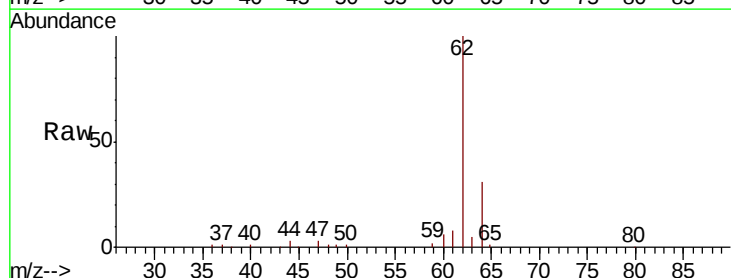
Acq: 11 Jun 2019 8:06

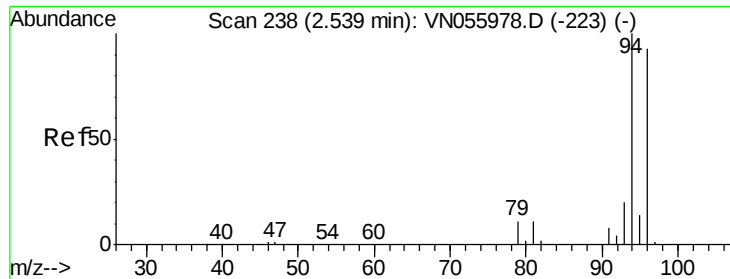
Tgt Ion: 62 Resp: 154343

Ion Ratio Lower Upper

62 100

64 31.3 25.6 38.4

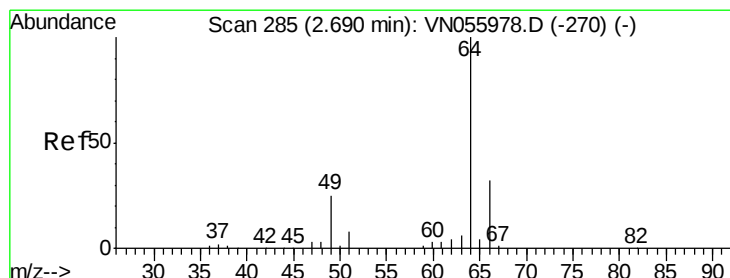
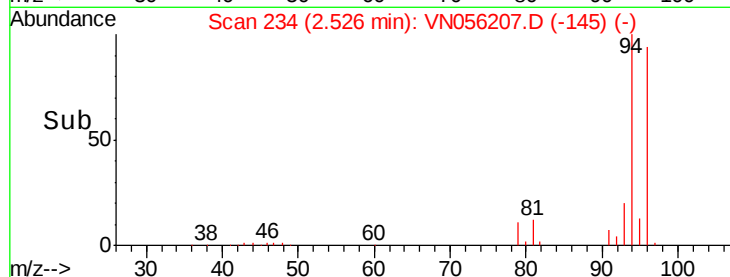
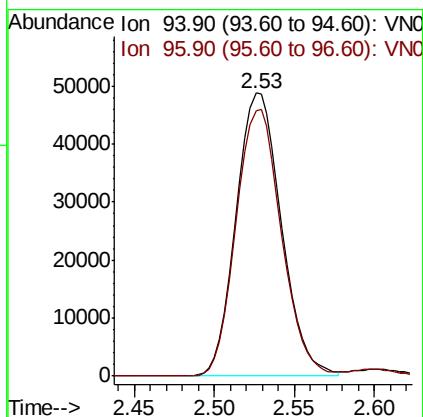
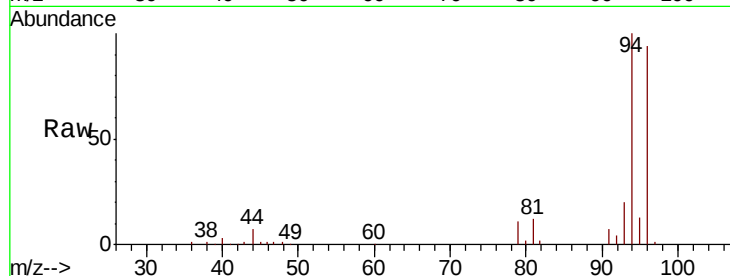




#5
Bromomethane
Concen: 48.985 ug/l
RT: 2.53 min Scan# 234
Delta R.T. -0.01 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

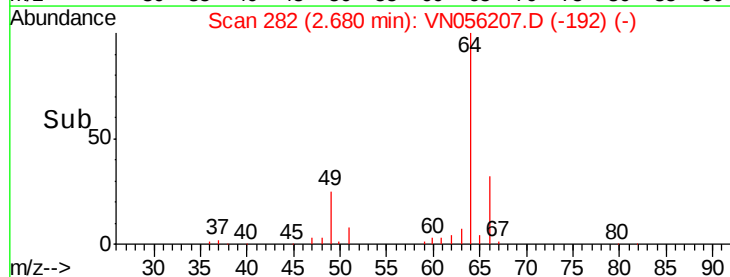
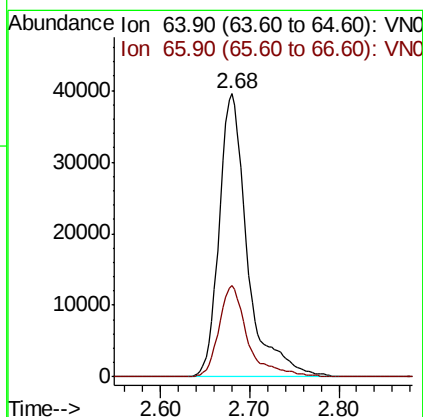
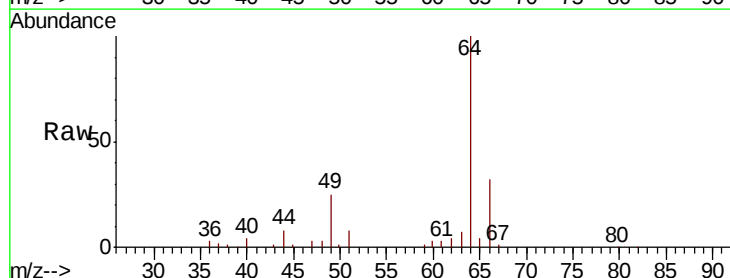
Instrument :
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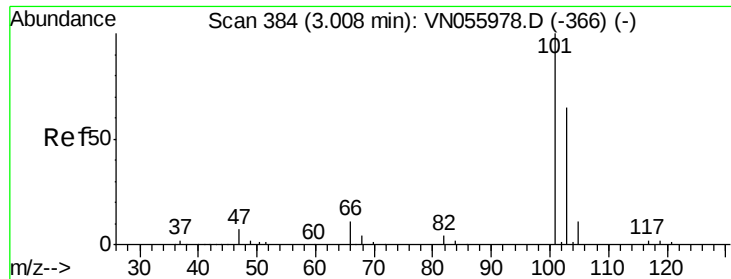
Tot Ion: 94 Resp: 94350
Ion Ratio Lower Upper
94 100
96 94.0 75.5 113.3



#6
Chloroethane
Concen: 49.184 ug/l
RT: 2.68 min Scan# 282
Delta R.T. -0.01 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 64 Resp: 86951
Ion Ratio Lower Upper
64 100
66 32.2 25.4 38.0



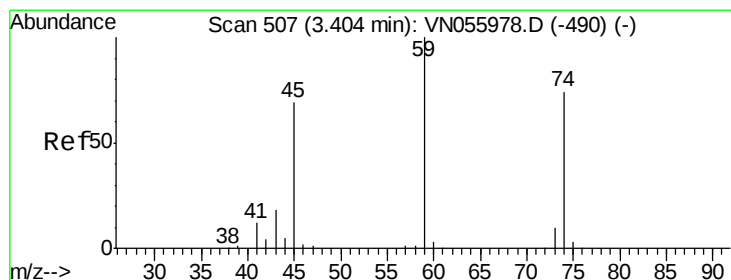
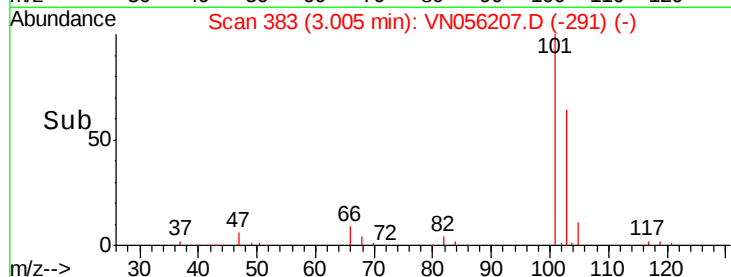
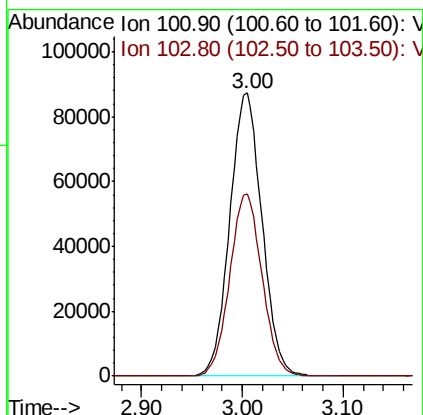
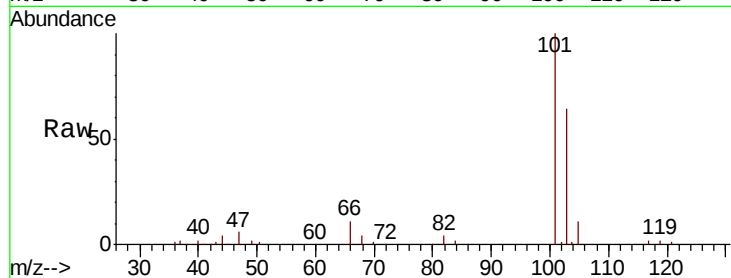


#7

Trichlorofluoromethane
 Concen: 49.731 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Instrument :
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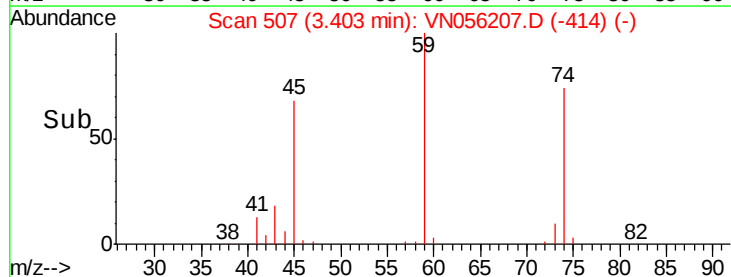
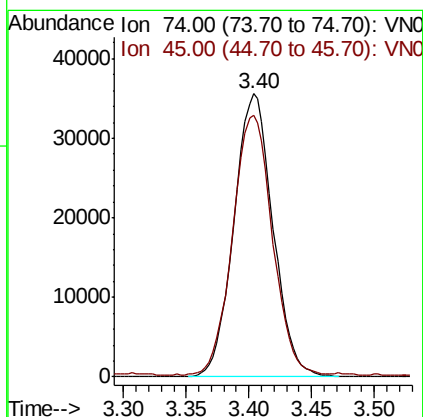
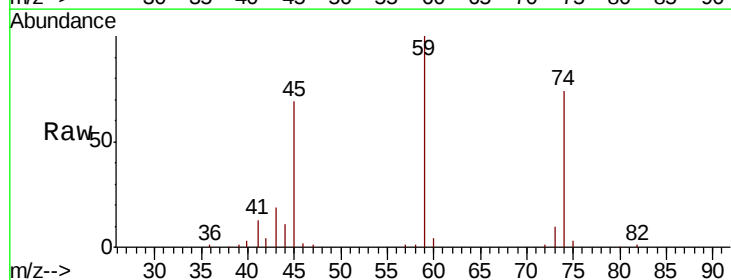
Tot Ion:101 Resp: 193578
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.2 76.8

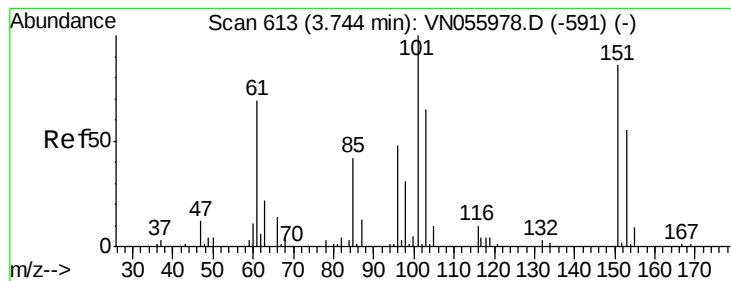


#8

Diethyl Ether
 Concen: 48.069 ug/l
 RT: 3.40 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion: 74 Resp: 76946
 Ion Ratio Lower Upper
 74 100
 45 94.0 48.6 145.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.107 ug/l

RT: 3.74 min Scan# 611

Delta R.T. -0.01 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

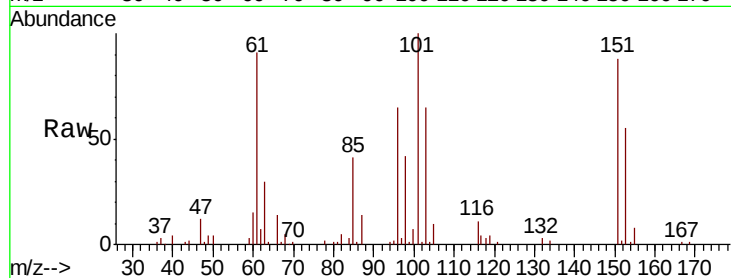
Tot Ion:101 Resp: 118480

Ion Ratio Lower Upper

101 100

85 41.4 33.4 50.2

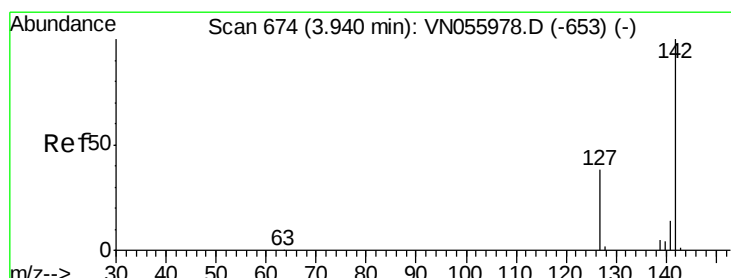
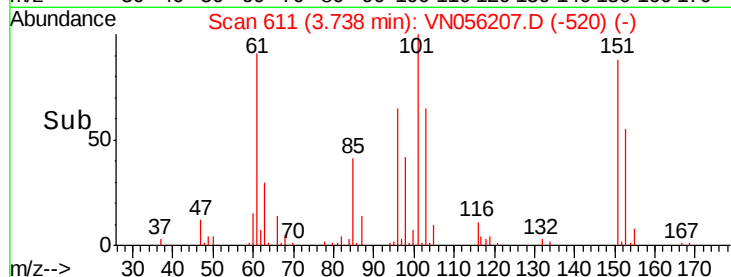
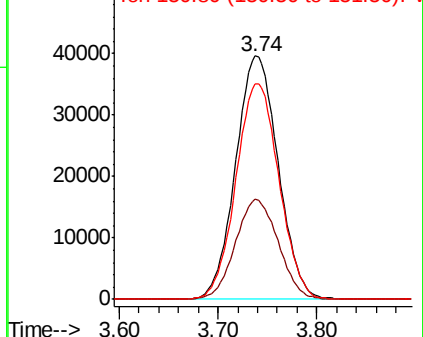
151 89.7 69.4 104.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.894 ug/l

RT: 3.94 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

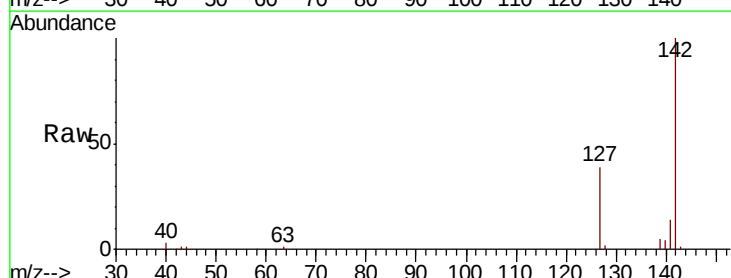
Tgt Ion:142 Resp: 176208

Ion Ratio Lower Upper

142 100

127 38.1 31.0 46.4

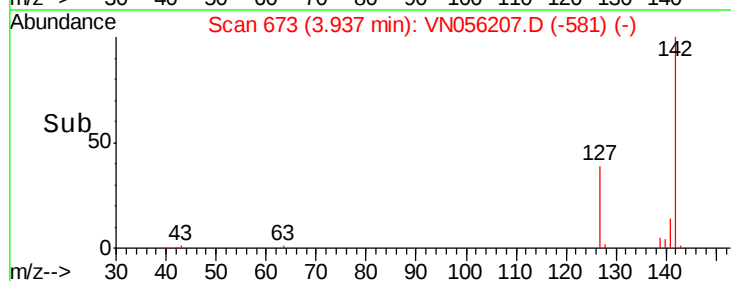
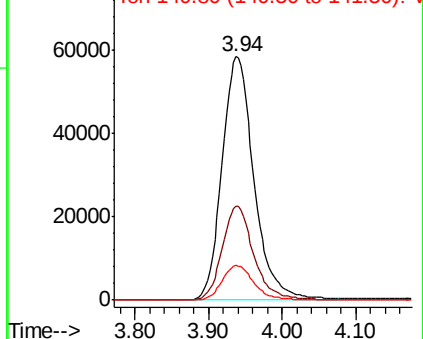
141 14.0 11.4 17.0

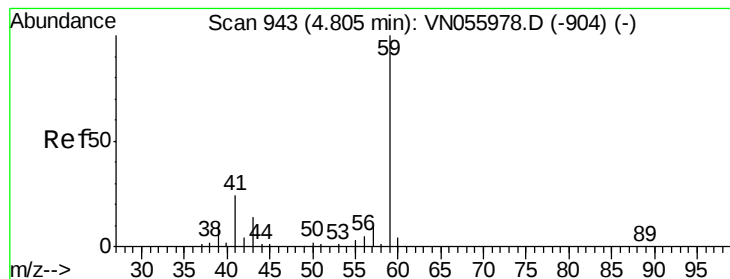


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



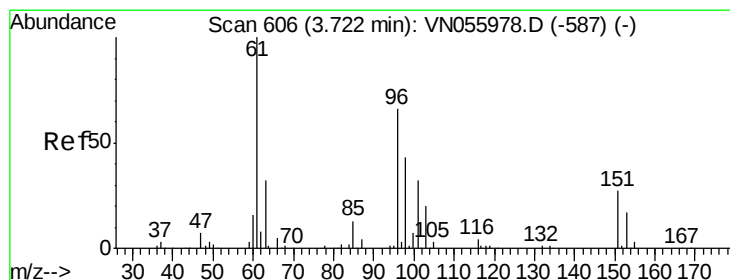
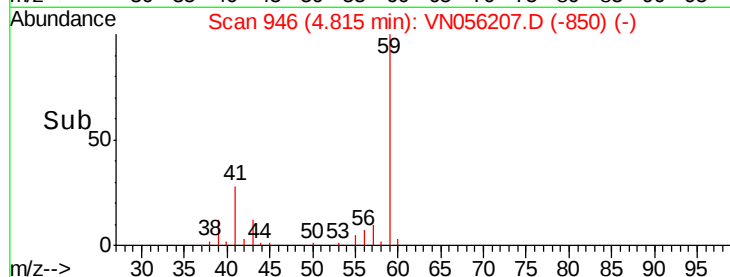
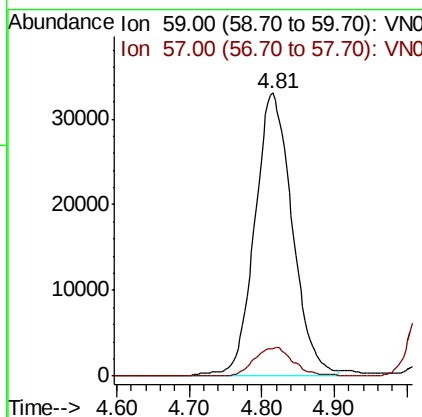
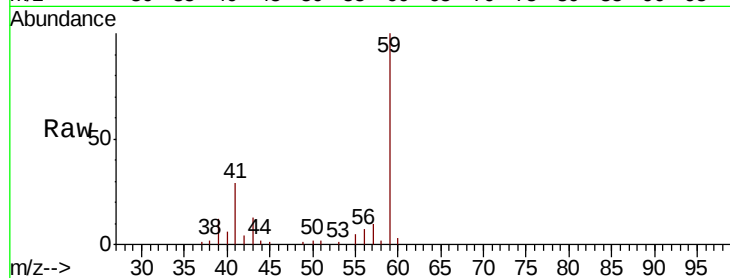


#11

Tert butyl alcohol
 Concen: 245.605 ug/l
 RT: 4.81 min Scan# 946
 Delta R.T. 0.01 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

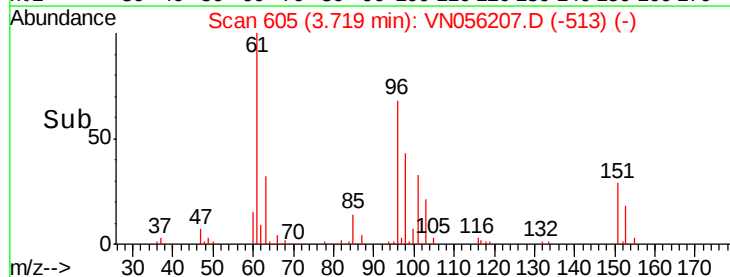
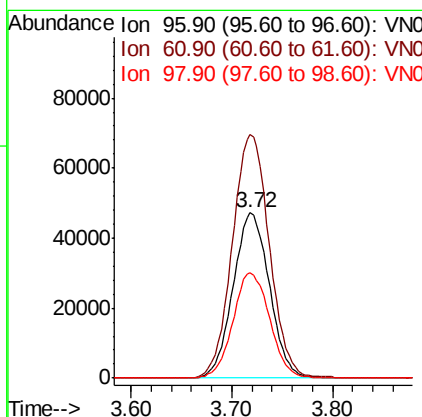
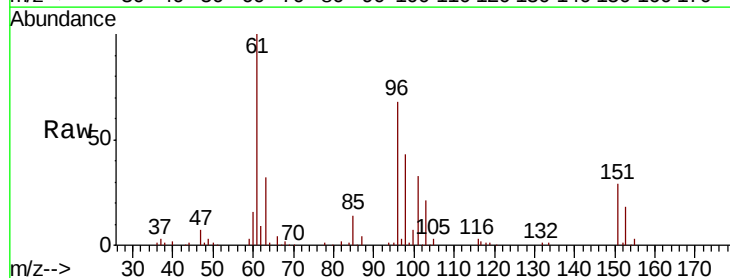
Tot Ion: 59 Resp: 119002
 Ion Ratio Lower Upper
 59 100
 57 10.3 7.8 11.6

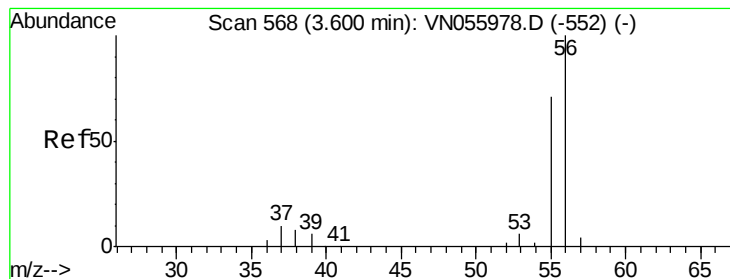


#12

1,1-Dichloroethene
 Concen: 50.241 ug/l
 RT: 3.72 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion: 96 Resp: 118270
 Ion Ratio Lower Upper
 96 100
 61 147.6 123.2 184.8
 98 63.9 50.4 75.6





#13

Acrolein

Concen: 352.359 ug/l

RT: 3.60 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

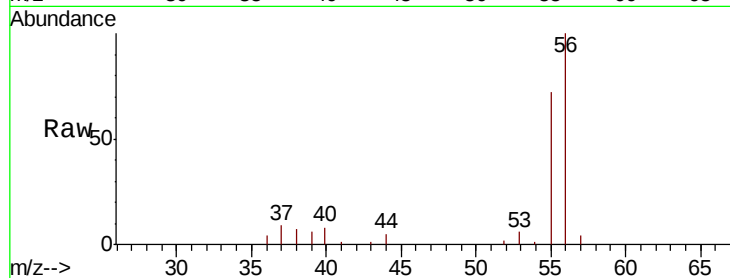
VSTDCCC050EC

Tot Ion: 56 Resp: 49239

Ion Ratio Lower Upper

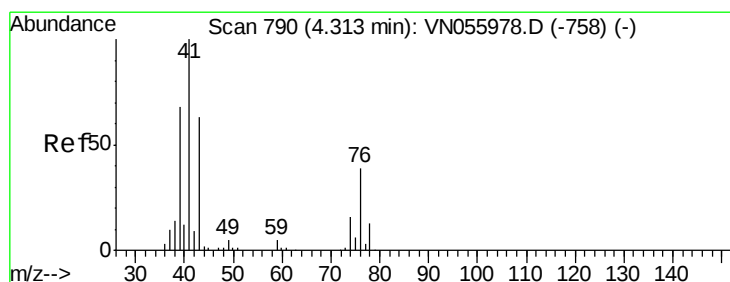
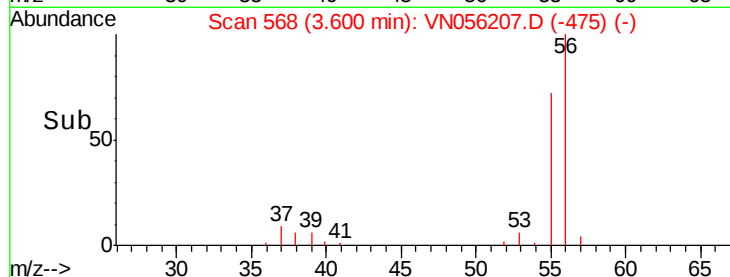
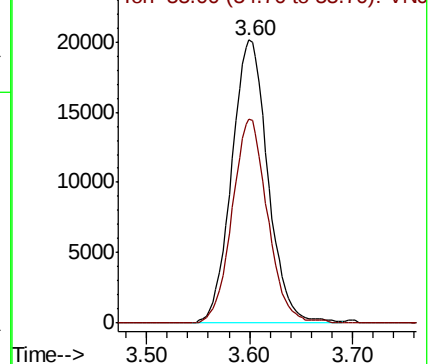
56 100

55 70.0 55.4 83.2



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 48.746 ug/l

RT: 4.31 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

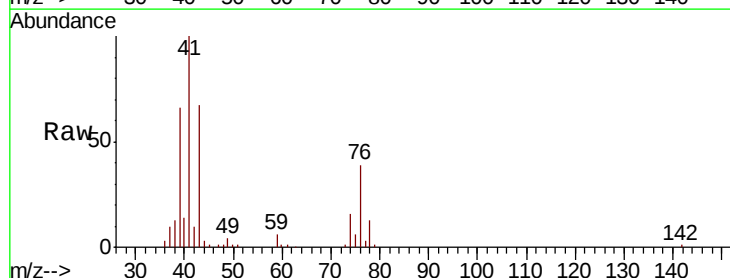
Tgt Ion: 41 Resp: 181197

Ion Ratio Lower Upper

41 100

39 60.3 50.0 75.0

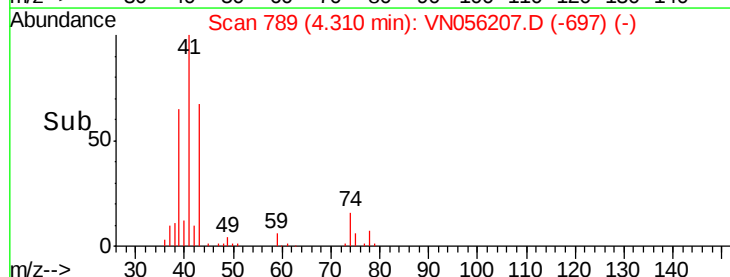
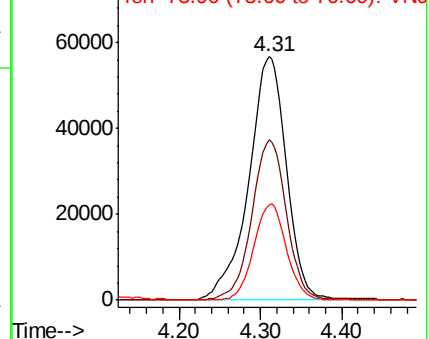
76 34.1 28.2 42.2

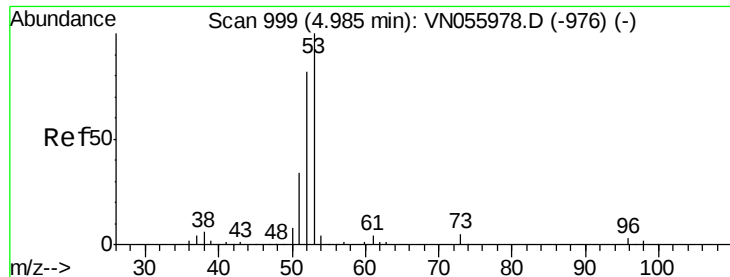


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 290.713 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

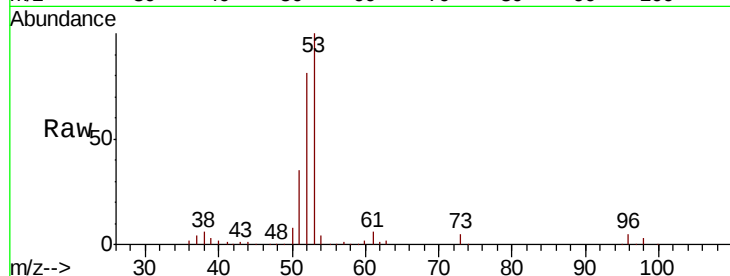
Tot Ion: 53 Resp: 342888

Ion Ratio Lower Upper

53 100

52 81.0 65.8 98.8

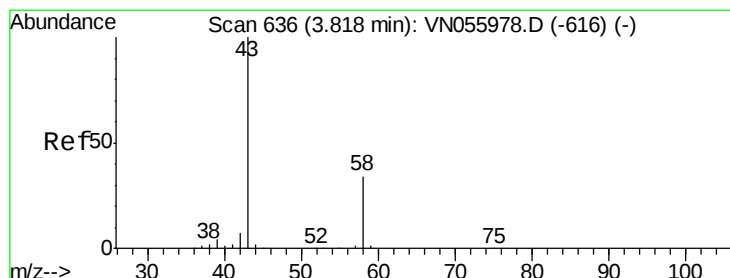
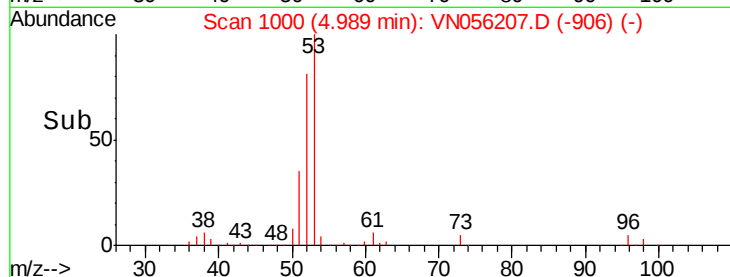
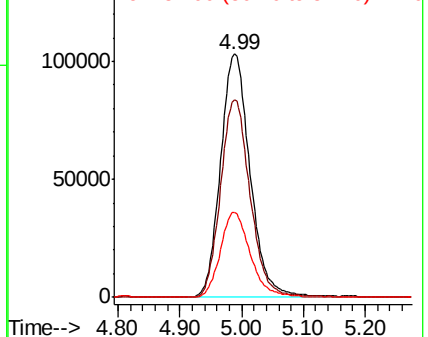
51 35.5 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 209.369 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN056207.D

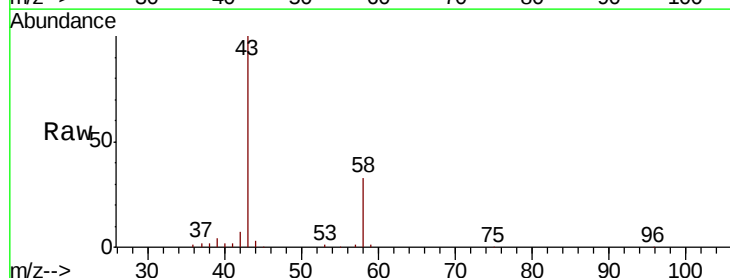
Acq: 11 Jun 2019 8:06

Tgt Ion: 43 Resp: 278804

Ion Ratio Lower Upper

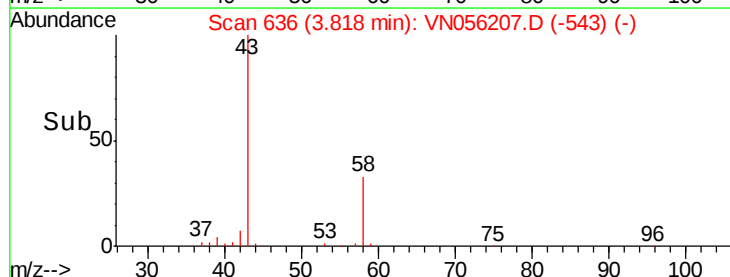
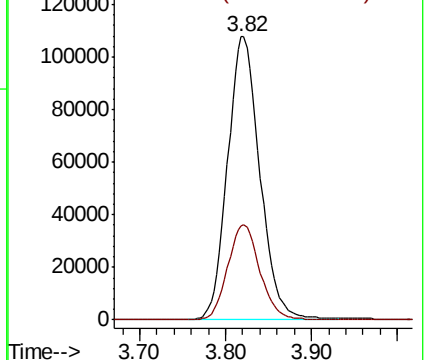
43 100

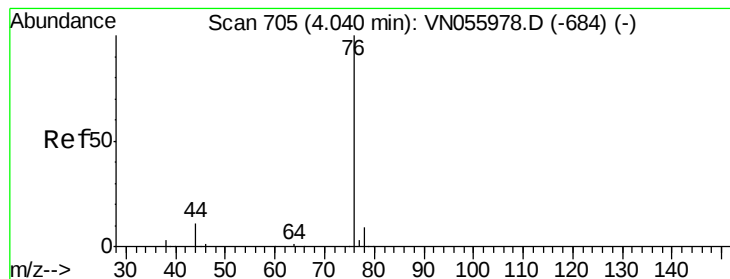
58 33.3 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 47.540 ug/l

RT: 4.04 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

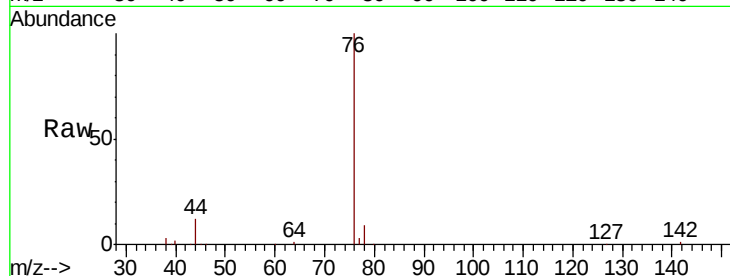
VSTDCCC050EC

Tot Ion: 76 Resp: 267955

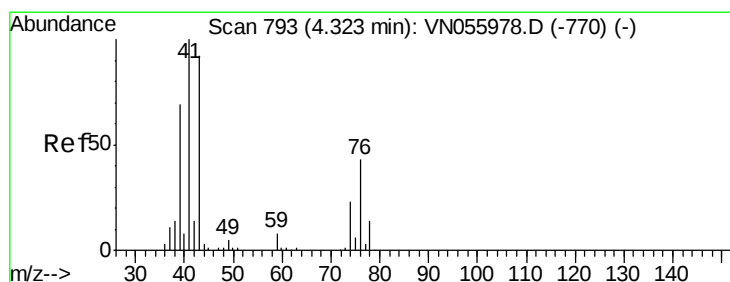
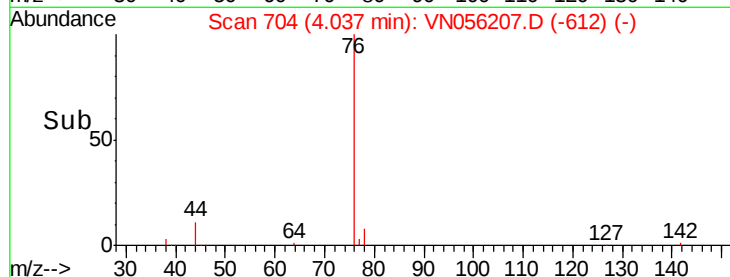
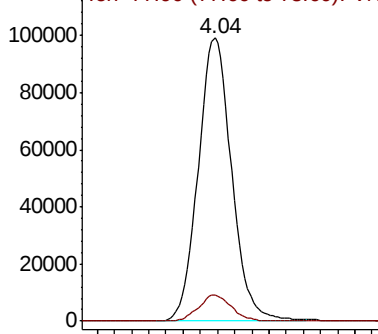
Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 59.900 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN056207.D

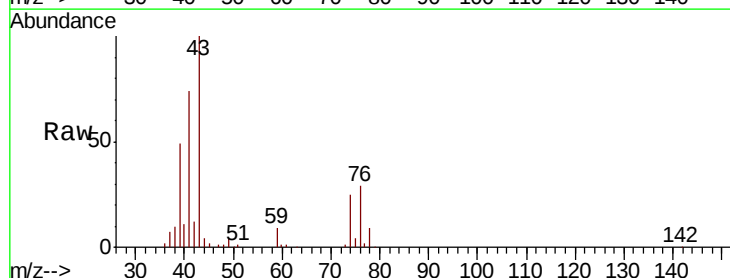
Acq: 11 Jun 2019 8:06

Tgt Ion: 43 Resp: 156383

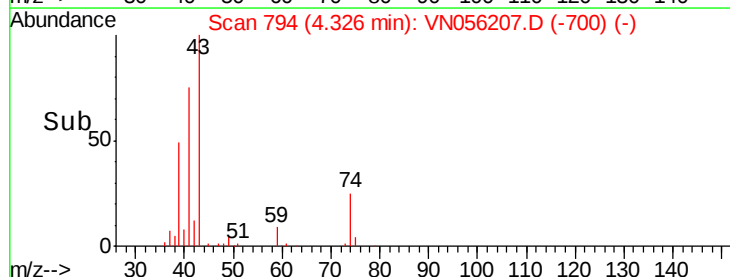
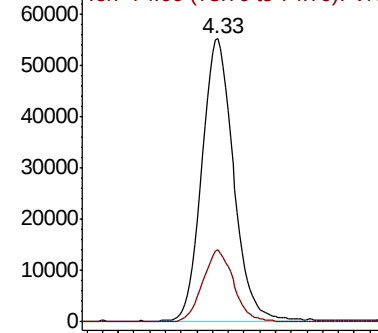
Ion Ratio Lower Upper

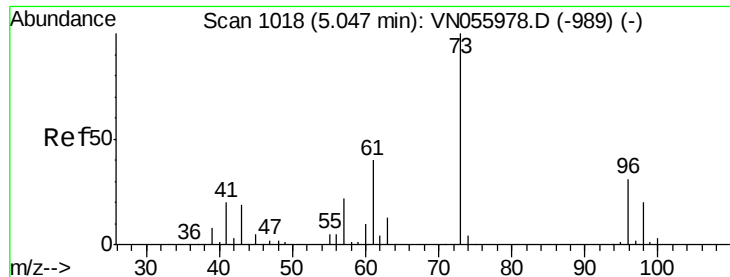
43 100

74 24.7 19.3 28.9



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

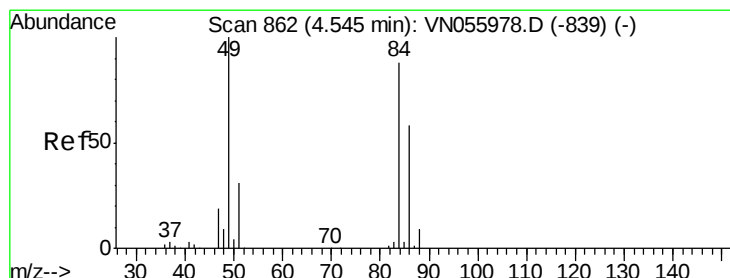
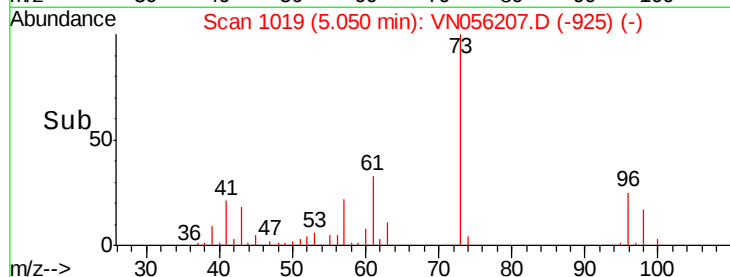
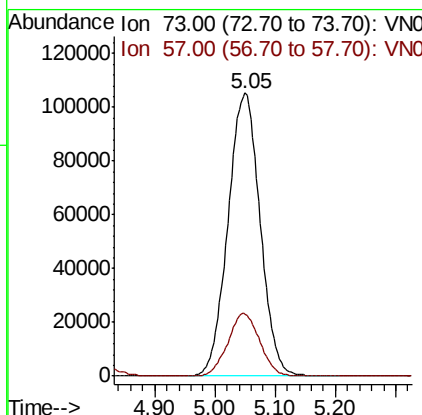
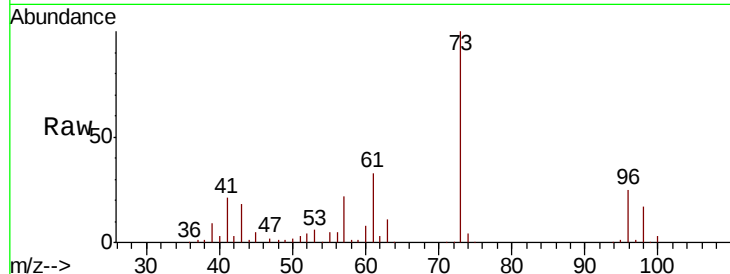




#19
Methyl tert-butyl Ether
Concen: 52.243 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

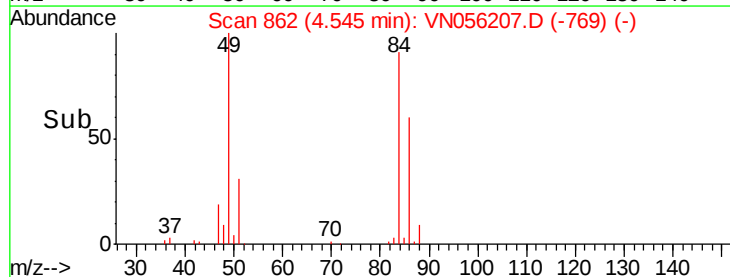
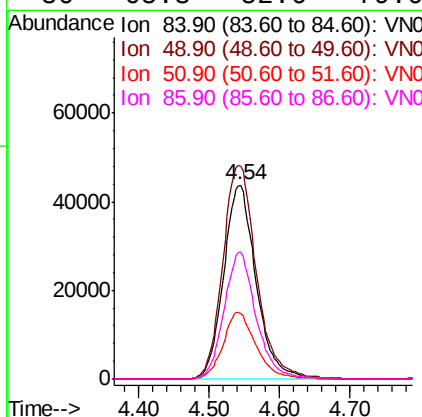
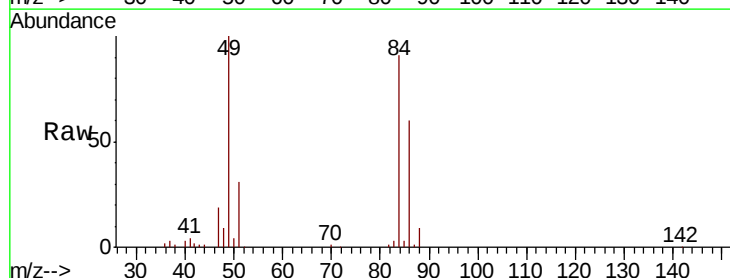
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

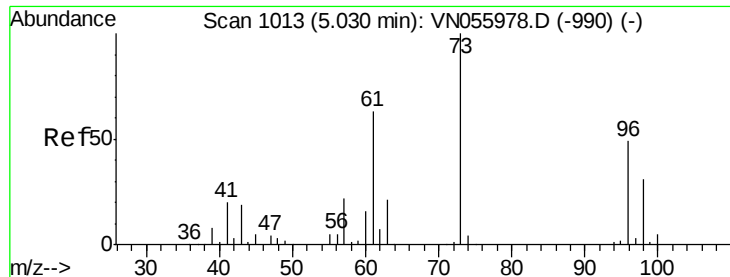
Tot Ion: 73 Resp: 392009
Ion Ratio Lower Upper
73 100
57 22.1 17.8 26.8



#20
Methylene Chloride
Concen: 51.311 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 84 Resp: 140772
Ion Ratio Lower Upper
84 100
49 109.6 93.5 140.3
51 33.7 28.6 43.0
86 65.3 52.6 79.0

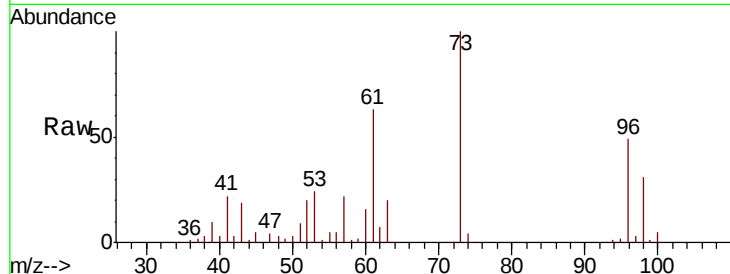




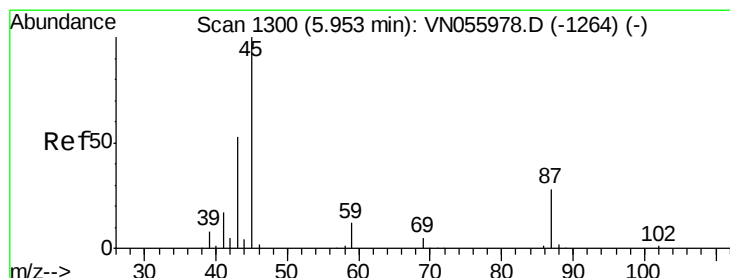
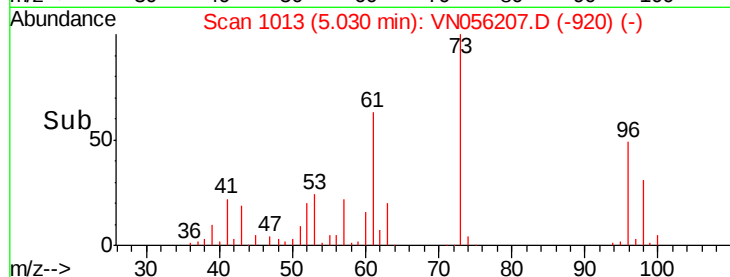
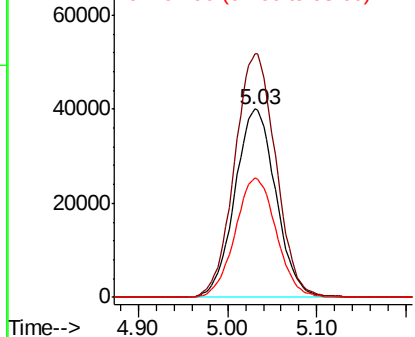
#21
trans-1,2-Dichloroethene
Concen: 50.588 ug/l
RT: 5.03 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 96 Resp: 127596
Ion Ratio Lower Upper
96 100
61 129.4 107.8 161.8
98 63.6 49.8 74.8

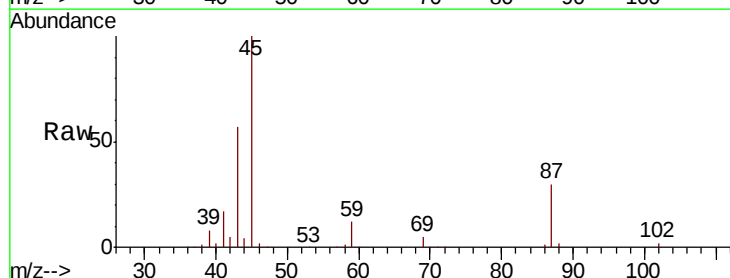


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

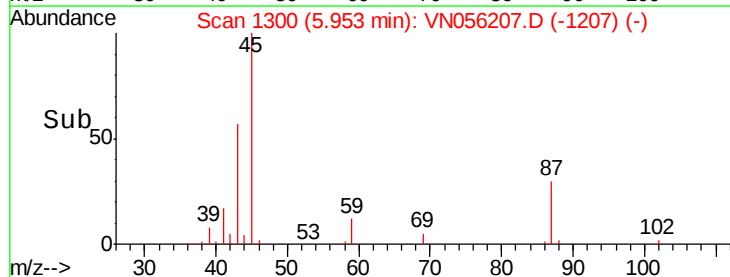
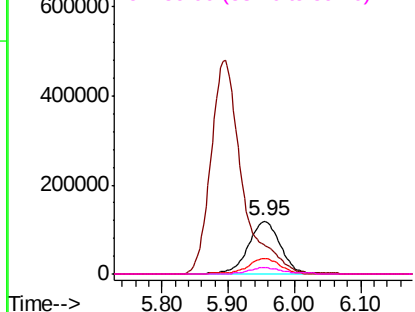


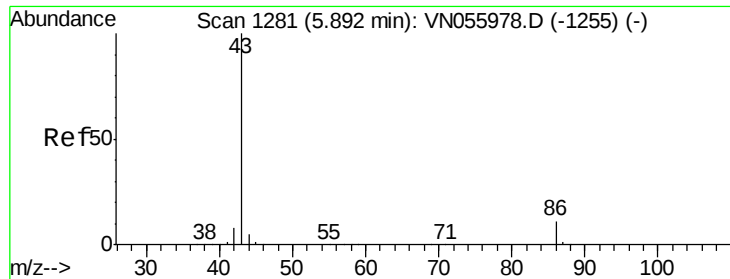
#22
Diisopropyl ether
Concen: 52.331 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 45 Resp: 402109
Ion Ratio Lower Upper
45 100
43 55.5 45.0 67.6
87 29.7 22.2 33.4
59 11.7 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: 260.946 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

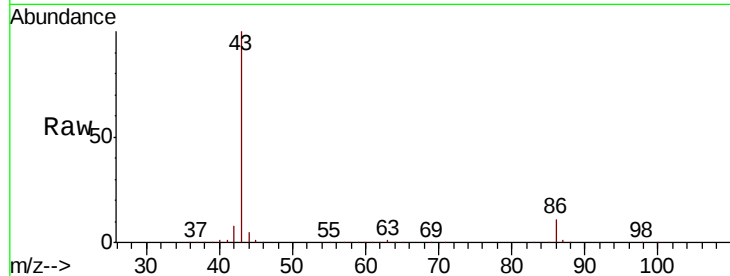
VSTDCCC050EC

Tot Ion: 43 Resp: 1579008

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

500000

400000

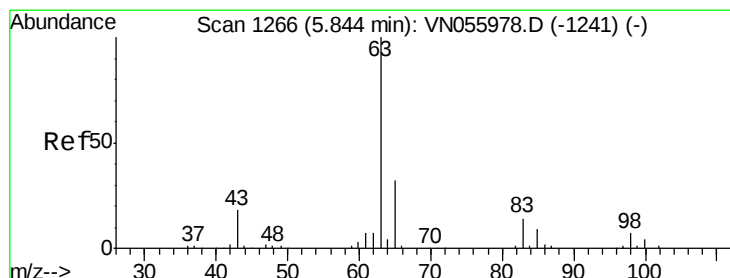
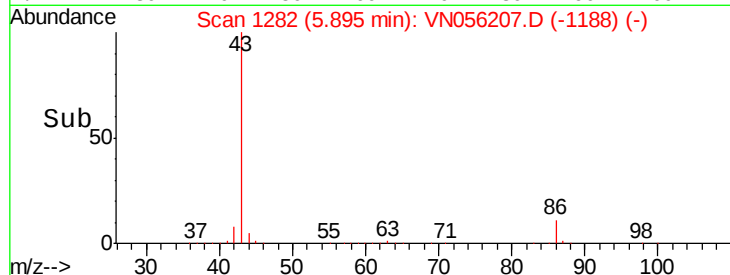
300000

200000

100000

0

Time--> 5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 52.553 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

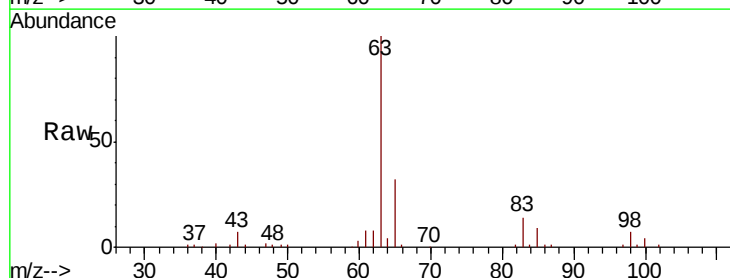
Tgt Ion: 63 Resp: 232935

Ion Ratio Lower Upper

63 100

98 7.2 3.4 10.1

100 4.4 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) (-)

5.84

100000

80000

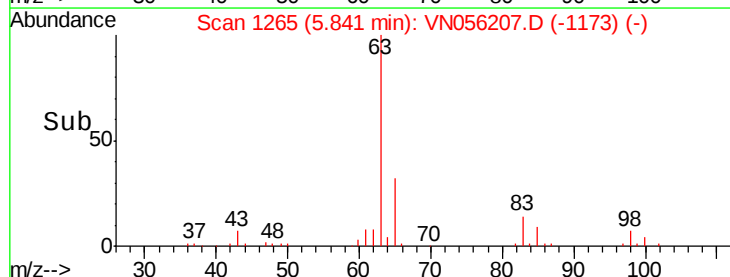
60000

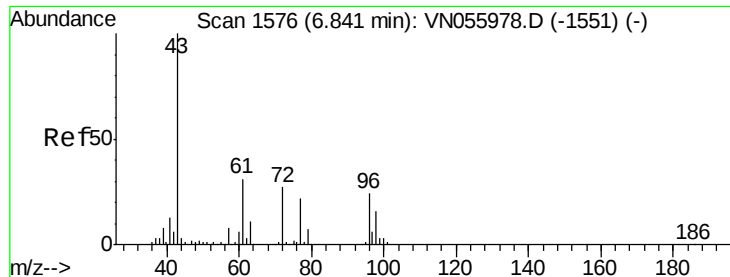
40000

20000

0

Time--> 5.70 5.80 5.90 6.00

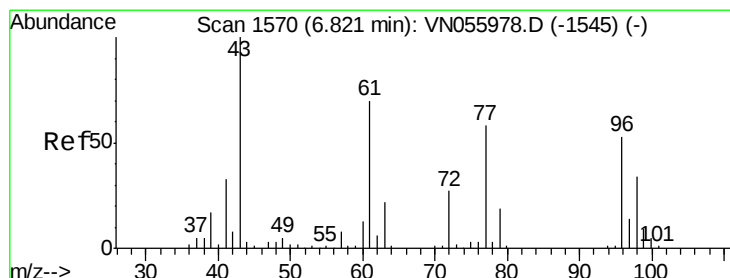
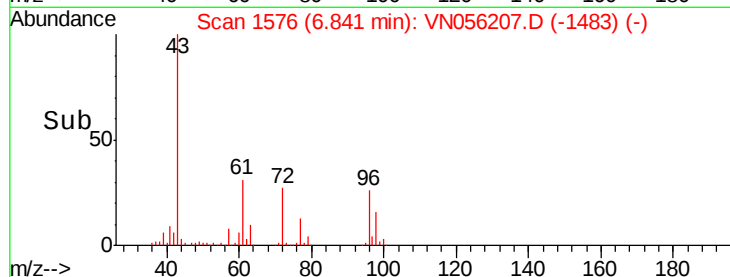
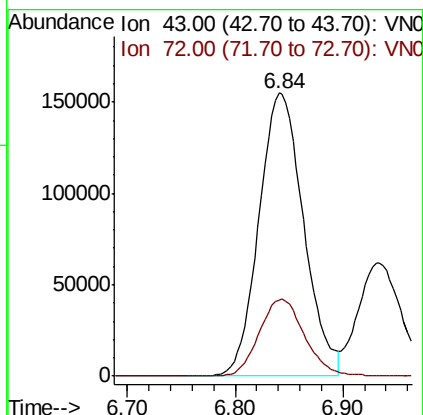
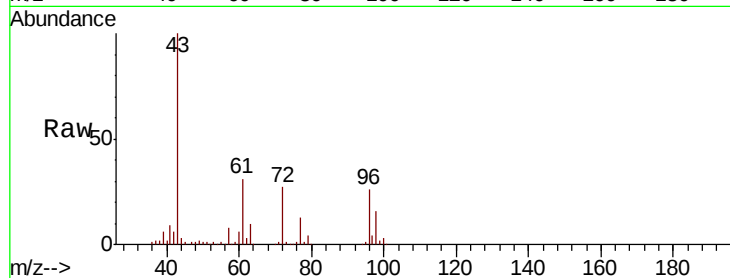




#25
2-Butanone
Concen: 264.452 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

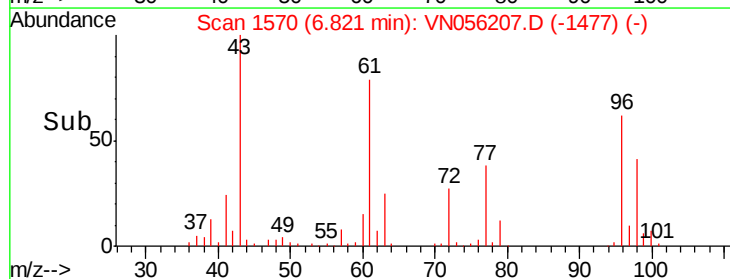
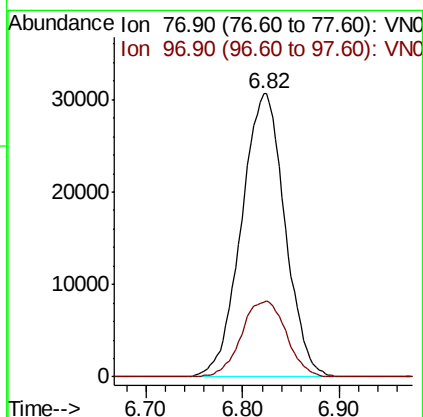
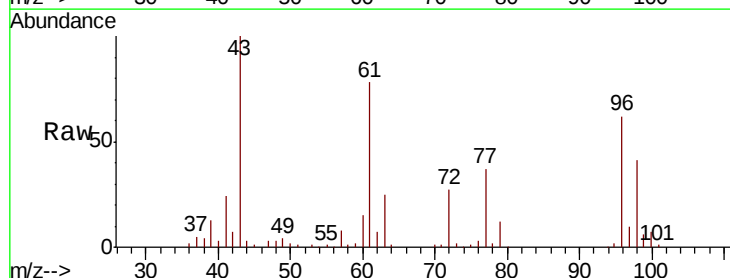
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

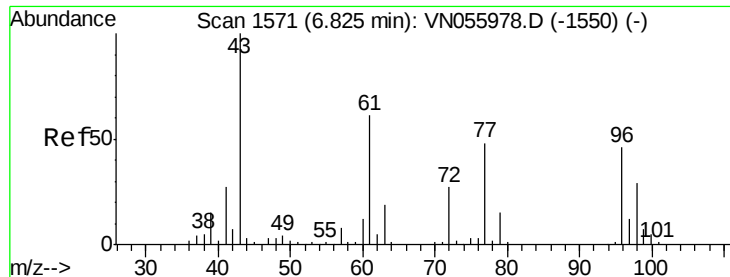
Tot Ion: 43 Resp: 444936
Ion Ratio Lower Upper
43 100
72 27.1 21.9 32.9



#26
2,2-Dichloropropane
Concen: 27.688 ug/l
RT: 6.82 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 77 Resp: 95762
Ion Ratio Lower Upper
77 100
97 27.5 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 51.028 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

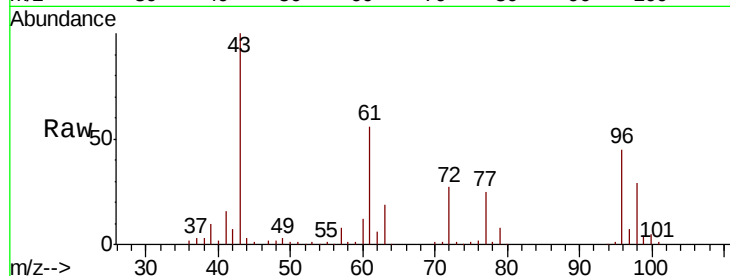
Tot Ion: 96 Resp: 151291

Ion Ratio Lower Upper

96 100

61 126.0 0.0 275.8

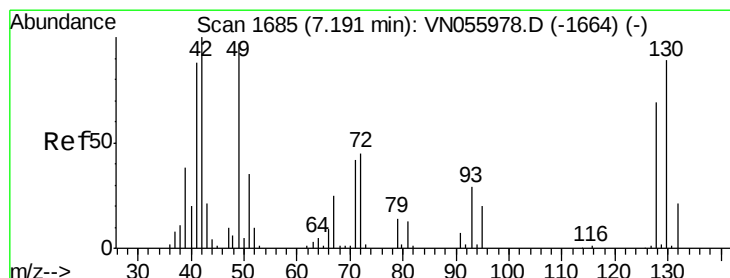
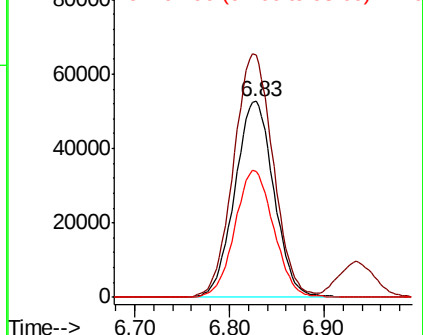
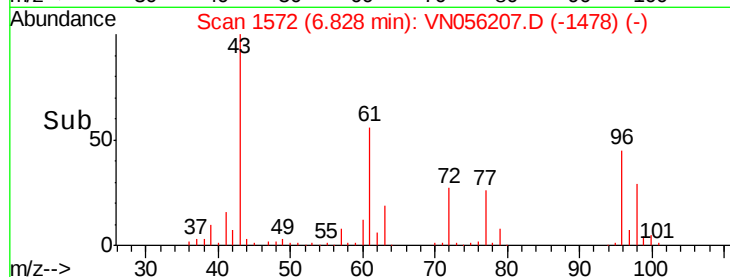
98 64.3 0.0 128.4



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: 54.004 ug/l

RT: 7.19 min Scan# 1685

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

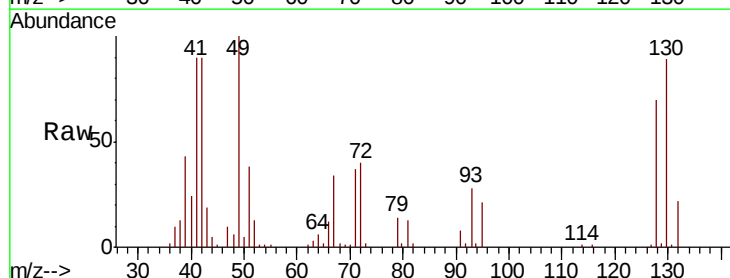
Tgt Ion: 49 Resp: 113196

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

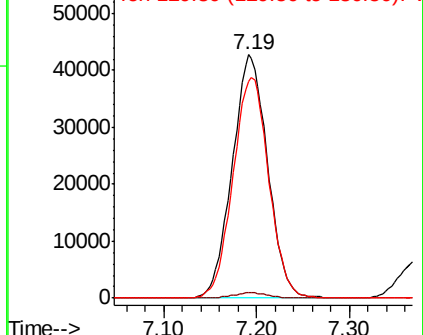
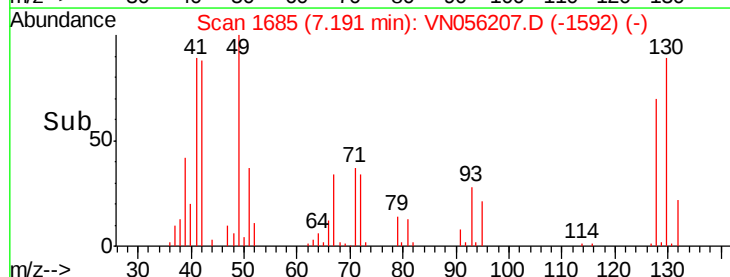
130 91.5 71.2 106.8

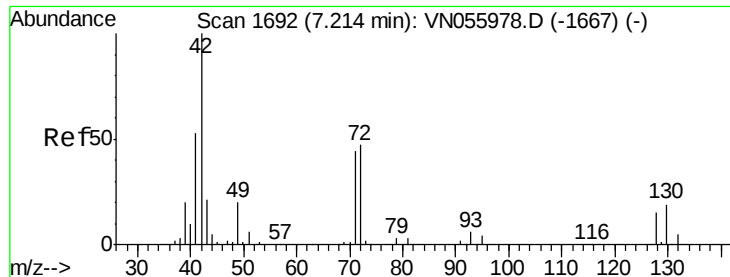


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

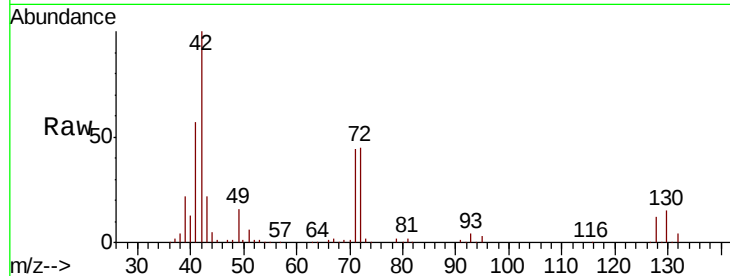




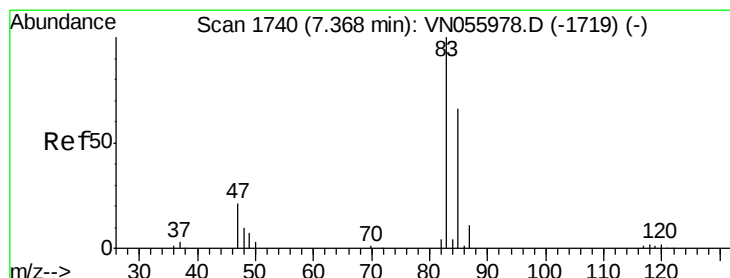
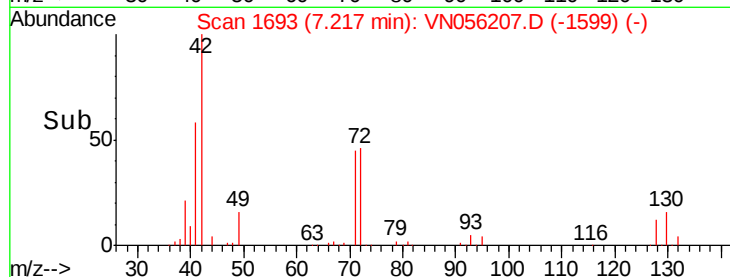
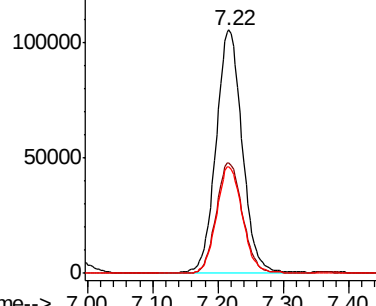
#29
Tetrahydrofuran
Concen: 283.593 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 294939
Ion Ratio Lower Upper
42 100
72 45.6 35.9 53.9
71 43.1 34.0 51.0

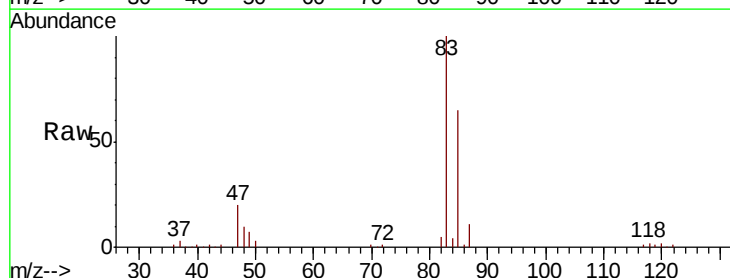


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

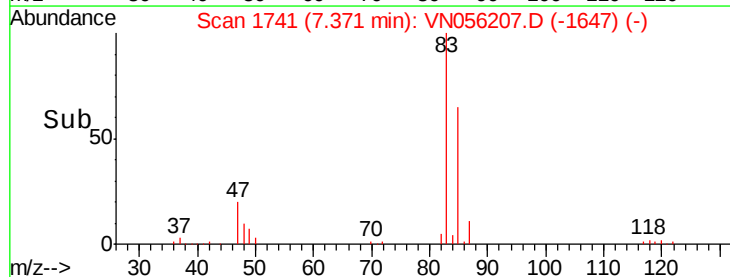
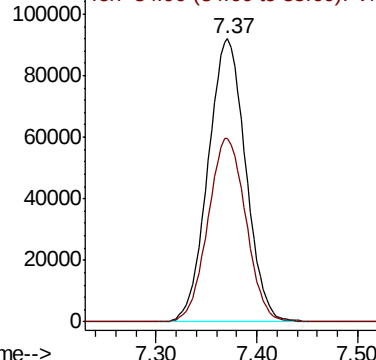


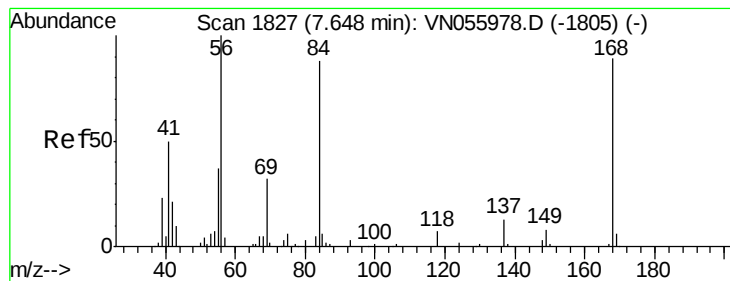
#30
Chloroform
Concen: 53.244 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 83 Resp: 237405
Ion Ratio Lower Upper
83 100
85 64.9 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: 45.645 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

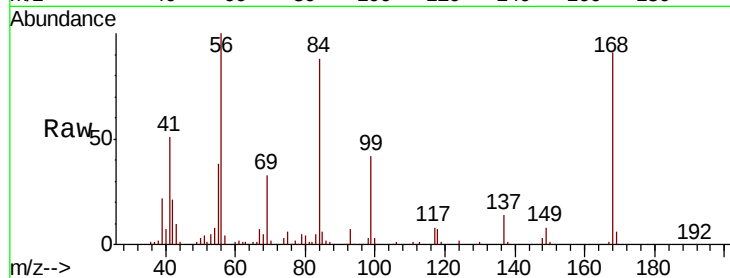
Tot Ion: 56 Resp: 201665

Ion Ratio Lower Upper

56 100

69 32.8 25.6 38.4

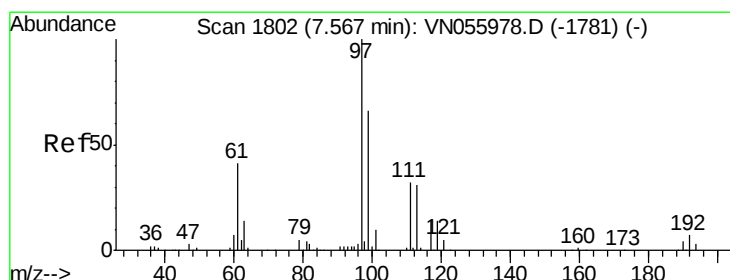
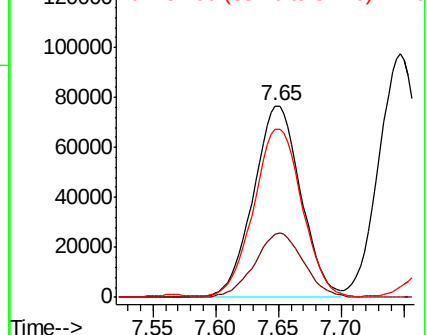
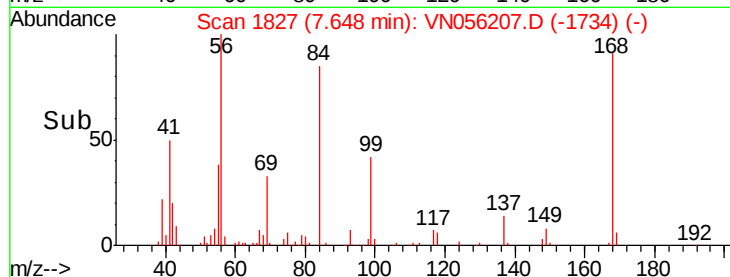
84 86.6 67.4 101.0



Abundance Ion 56.00 (55.70 to 56.70): VN056207.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN056207.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN056207.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 53.270 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

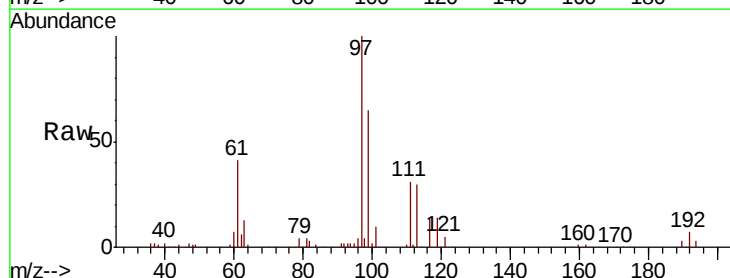
Tgt Ion: 97 Resp: 198346

Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

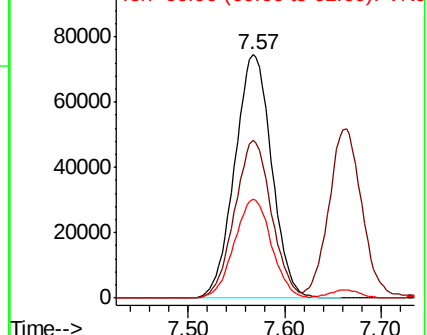
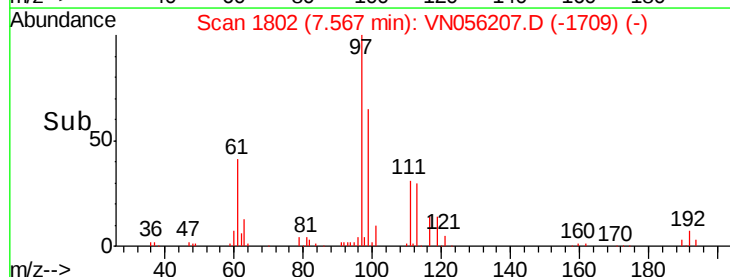
61 40.7 32.9 49.3

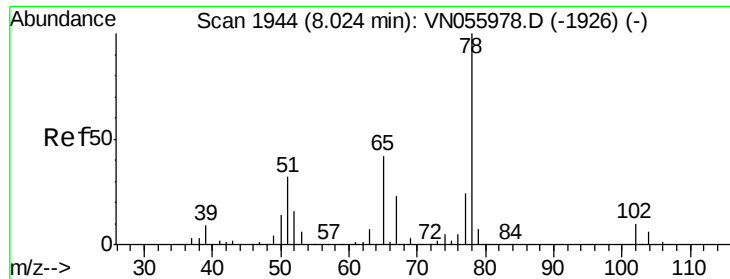


Abundance Ion 96.90 (96.60 to 97.60): VN056207.D (-1709) (-)

Ion 98.90 (98.60 to 99.60): VN056207.D (-1709) (-)

Ion 60.90 (60.60 to 61.60): VN056207.D (-1709) (-)

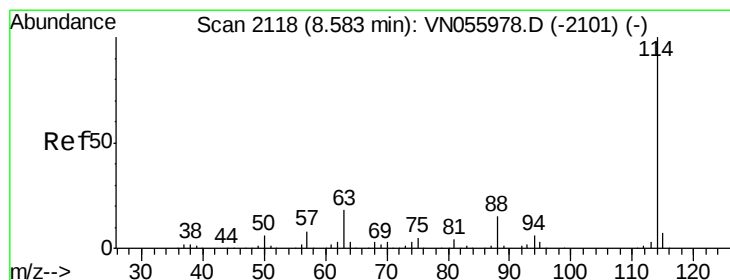
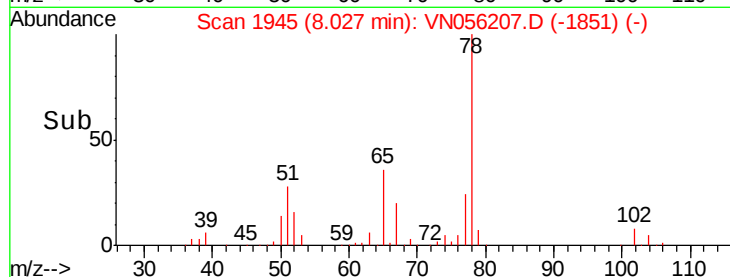
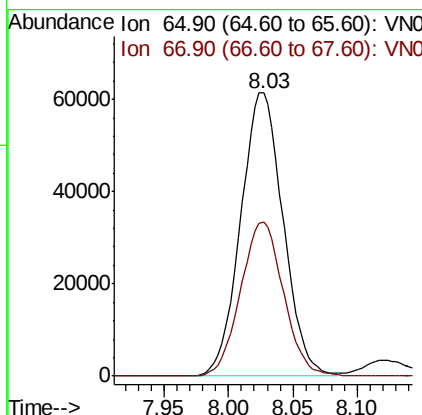
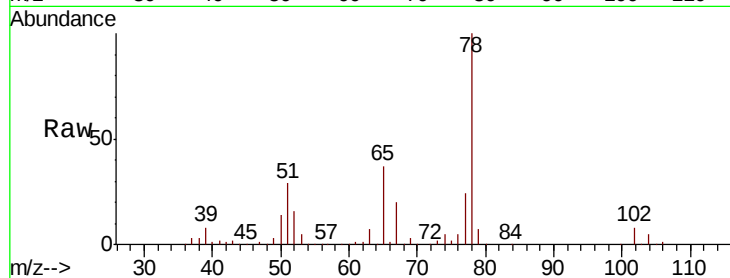




#33
 1,2-Dichloroethane-d4
 Concen: 50.746 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

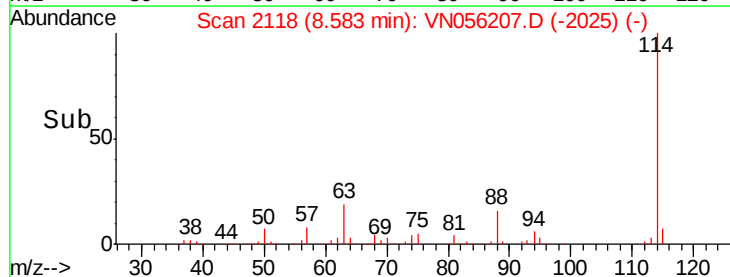
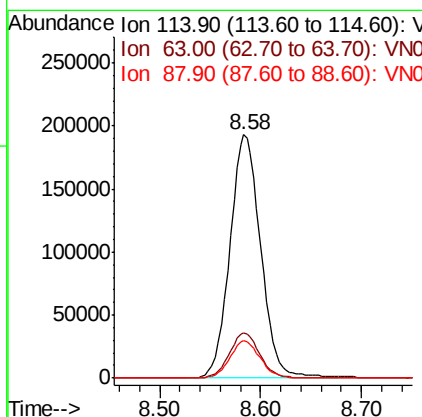
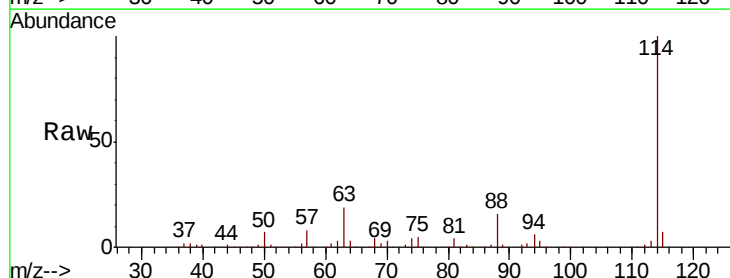
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

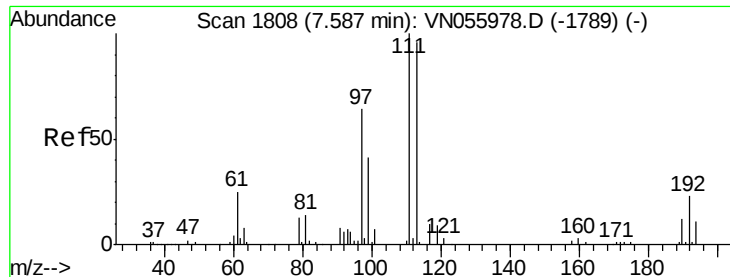
Tot Ion: 65 Resp: 141291
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 109.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion: 114 Resp: 409181
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 39.2
 88 15.5 0.0 31.0

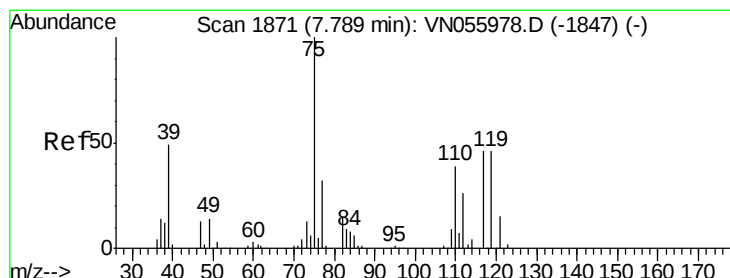
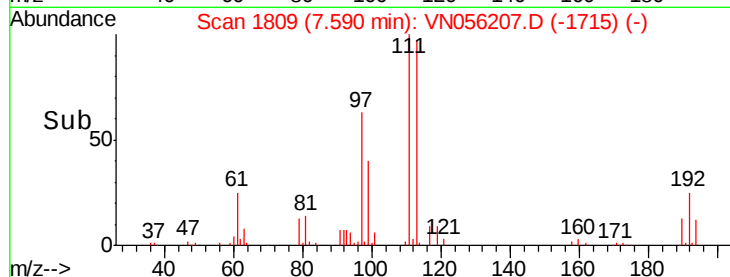
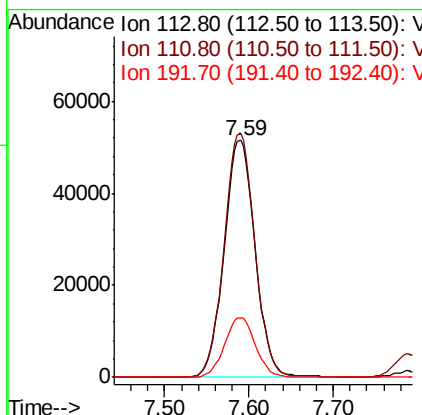
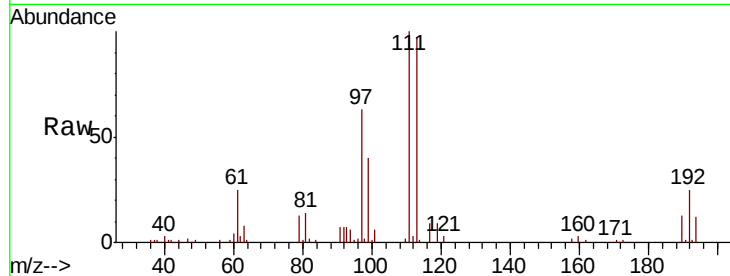




#35
 Dibromofluoromethane
 Concen: 52.225 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

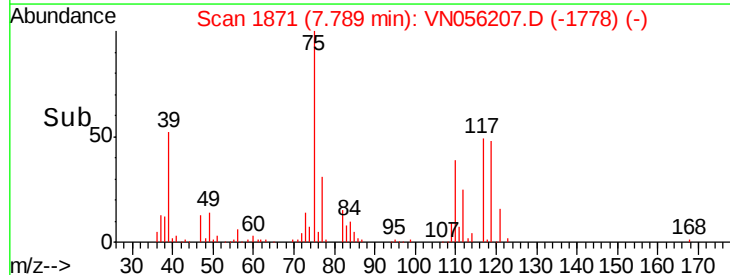
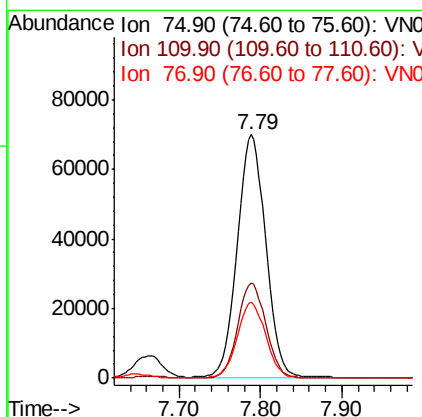
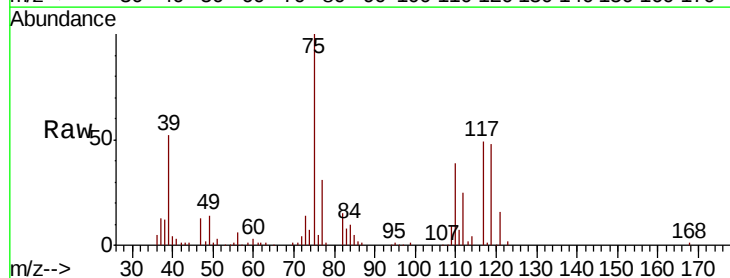
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

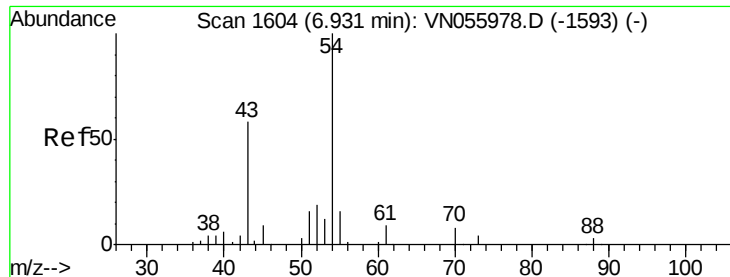
Tot Ion:113 Resp: 131110
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.9 122.9
 192 25.1 19.5 29.3



#36
 1,1-Dichloropropene
 Concen: 48.121 ug/l
 RT: 7.79 min Scan# 1871
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion: 75 Resp: 169307
 Ion Ratio Lower Upper
 75 100
 110 38.7 19.0 57.0
 77 31.2 25.1 37.7

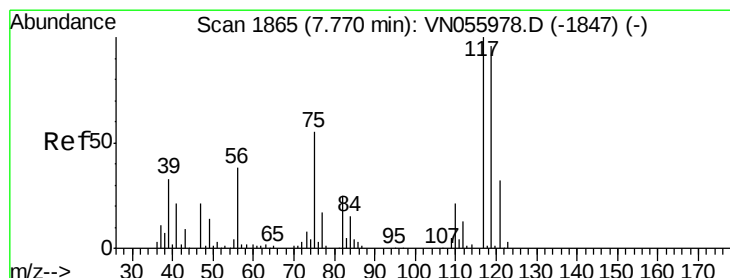
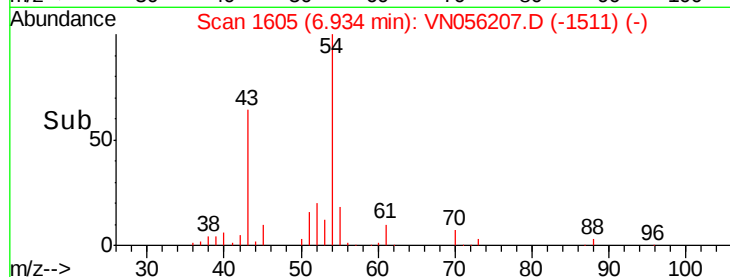
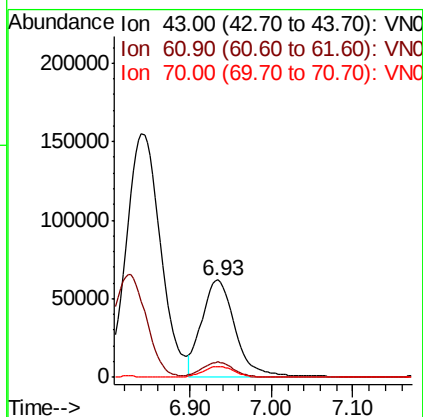
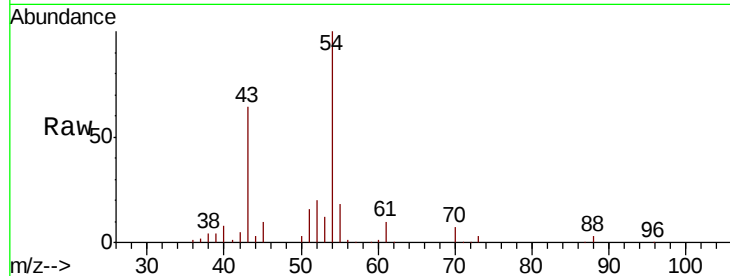




#37
Ethyl Acetate
Concen: 56.185 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. 0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

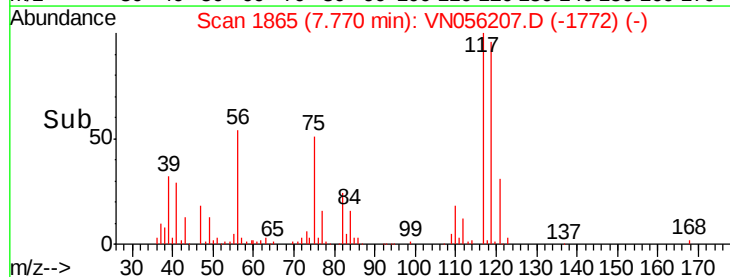
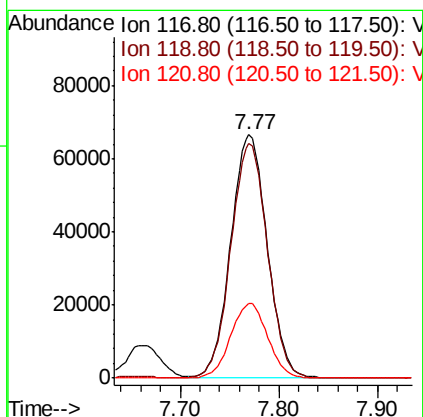
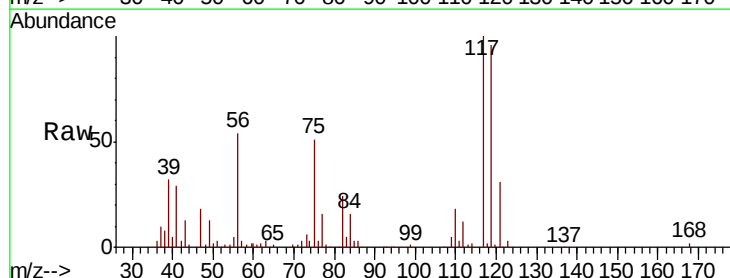
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

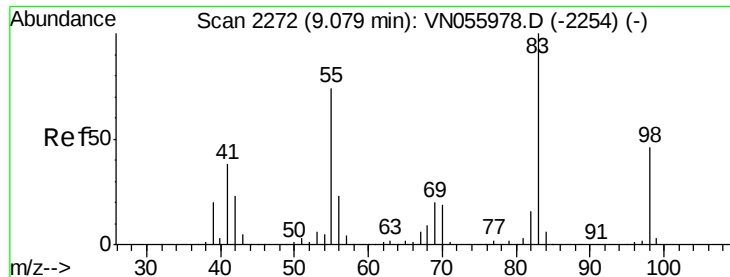
Tot Ion: 43 Resp: 175888
Ion Ratio Lower Upper
43 100
61 14.5 12.2 18.2
70 10.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 52.606 ug/l
RT: 7.77 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 117 Resp: 170643
Ion Ratio Lower Upper
117 100
119 96.3 79.0 118.6
121 30.9 24.7 37.1

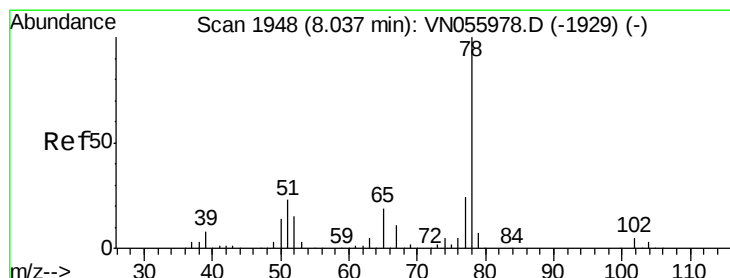
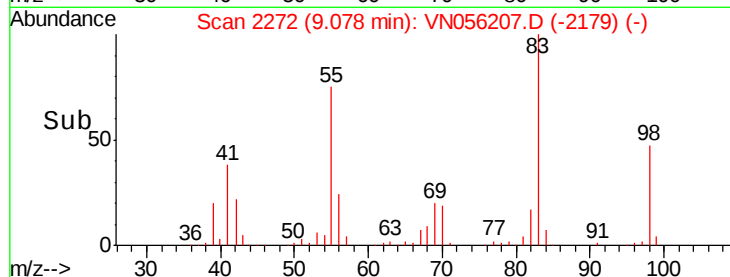
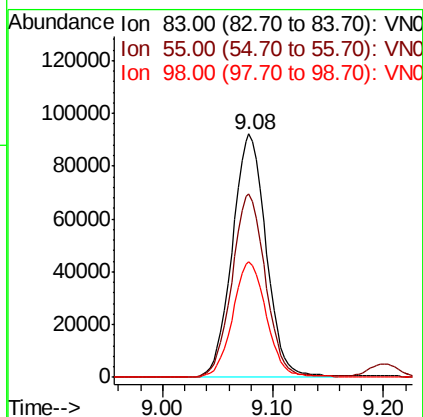
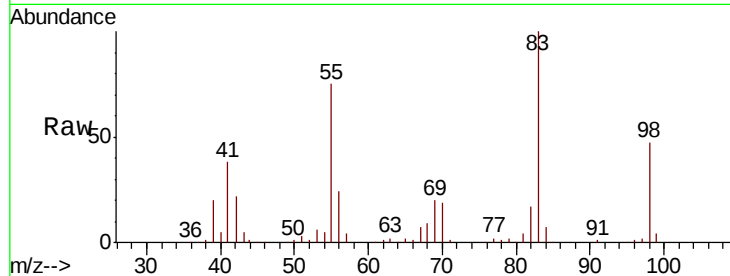




#39
Methvlcvclohexane
Concen: 44.756 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

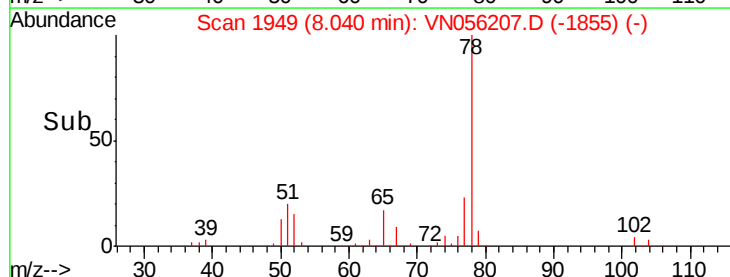
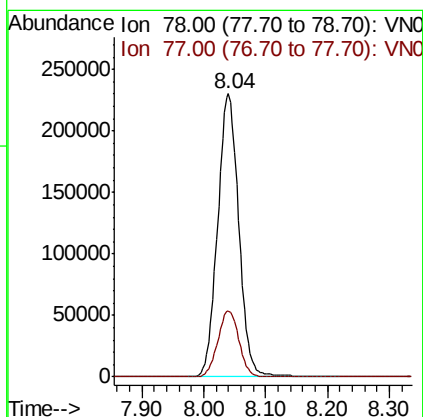
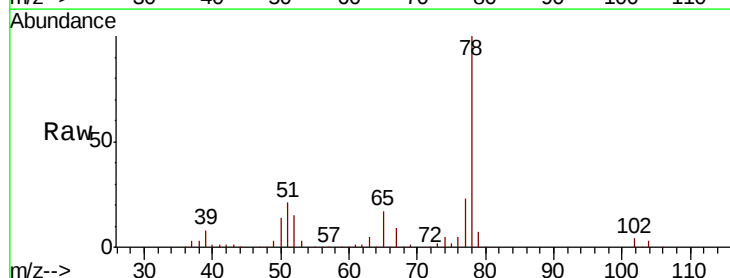
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

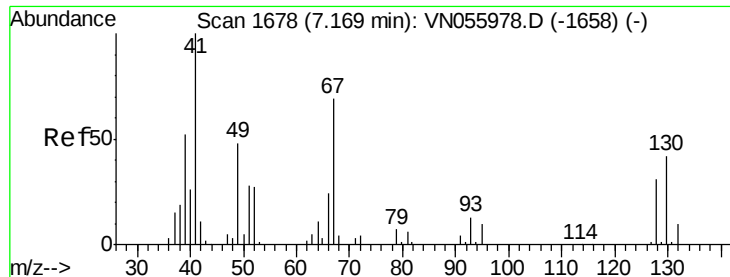
Tot Ion: 83 Resp: 196159
Ion Ratio Lower Upper
83 100
55 75.5 59.3 88.9
98 47.4 36.6 54.8



#40
Benzene
Concen: 51.051 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 78 Resp: 545541
Ion Ratio Lower Upper
78 100
77 23.4 18.8 28.2

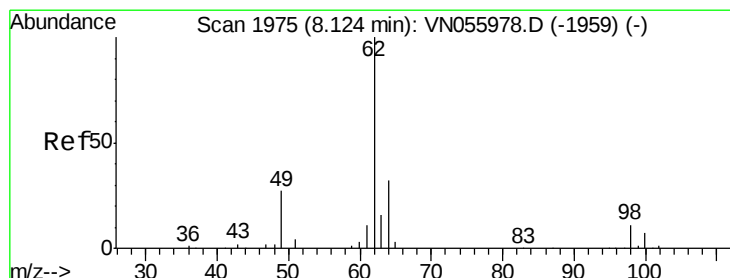
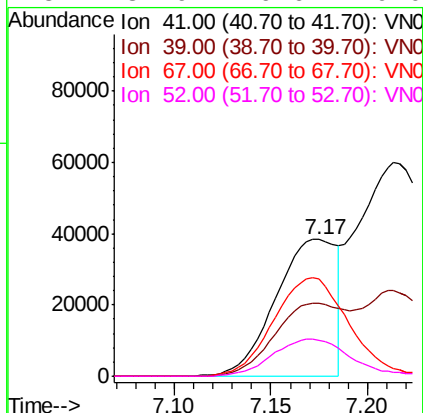
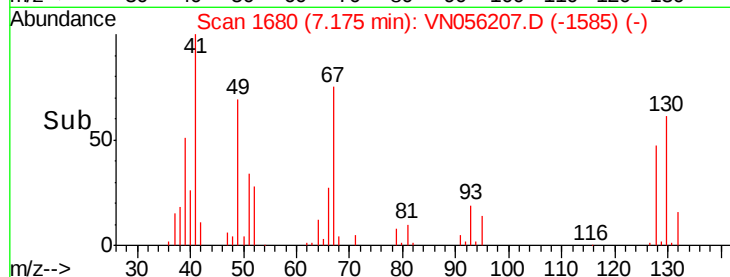
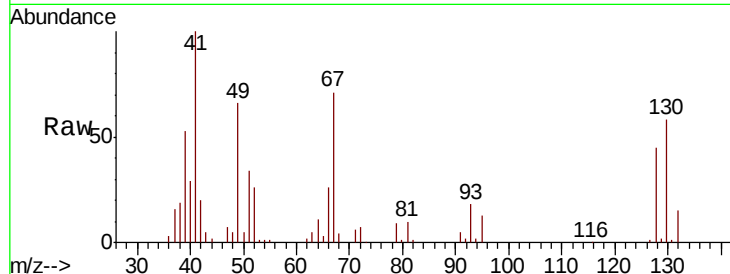




#41
Methacrylonitrile
Concen: 58.453 ug/l
RT: 7.17 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

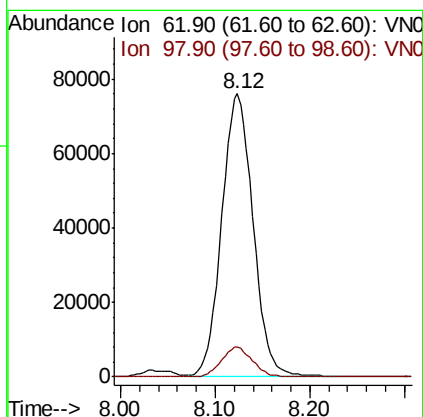
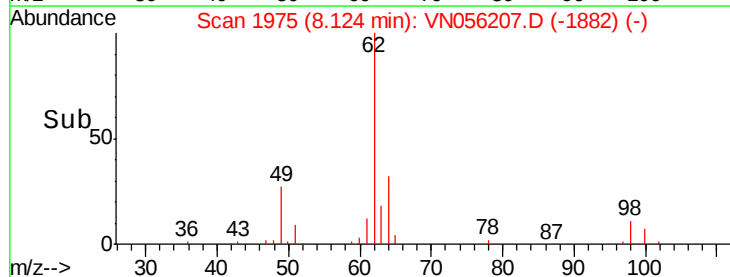
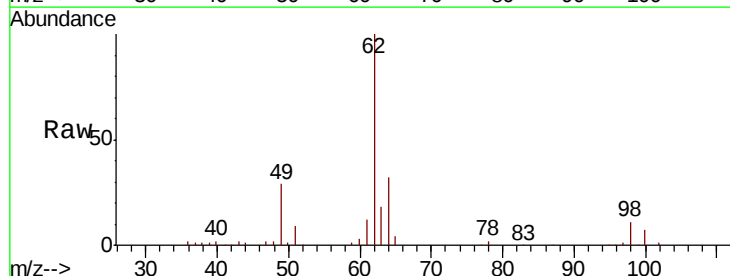
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

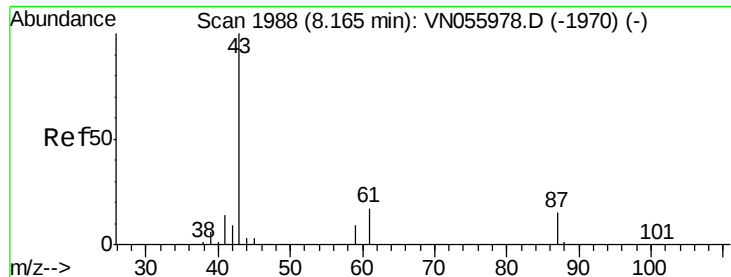
Tot Ion: 41 Resp: 84192
Ion Ratio Lower Upper
41 100
39 62.2 45.6 68.4
67 89.3 67.7 101.5
52 34.9 26.6 40.0



#42
1,2-Dichloroethane
Concen: 50.946 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 62 Resp: 175119
Ion Ratio Lower Upper
62 100
98 10.3 0.0 20.2





#43

Isopropyl Acetate

Concen: 53.031 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

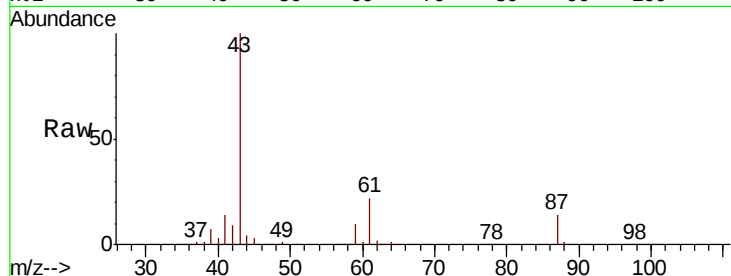
Tot Ion: 43 Resp: 269021

Ion Ratio Lower Upper

43 100

61 22.0 22.2 33.4#

87 14.6 11.4 17.2

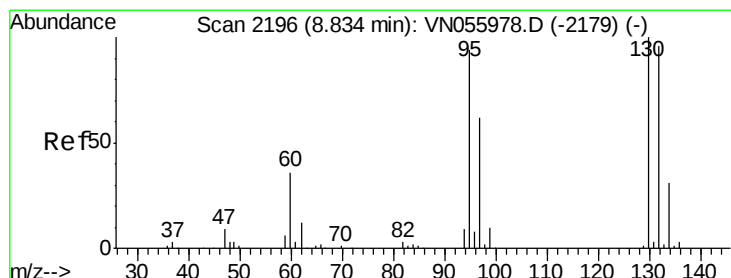
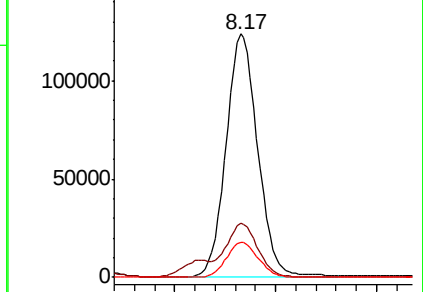
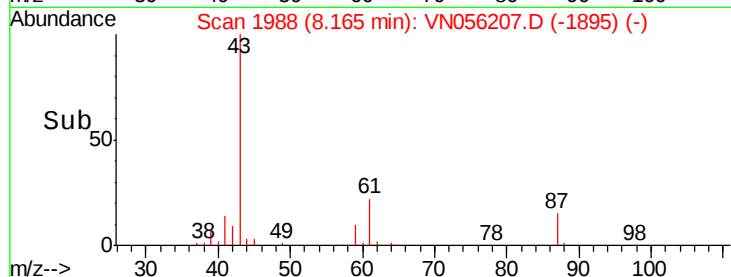


Abundance Ion 43.00 (42.70 to 43.70): VN055978.D (-1970) (-)

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

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

Time-->



#44

Trichloroethene

Concen: 50.242 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN056207.D

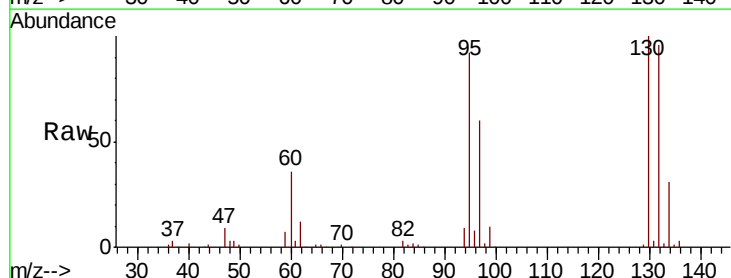
Acq: 11 Jun 2019 8:06

Tgt Ion: 130 Resp: 154274

Ion Ratio Lower Upper

130 100

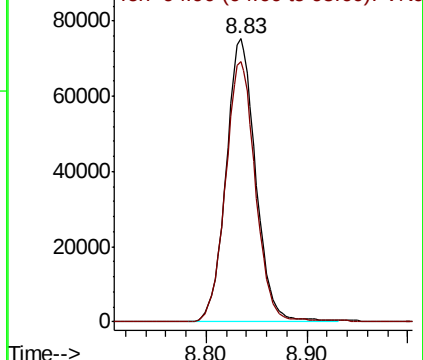
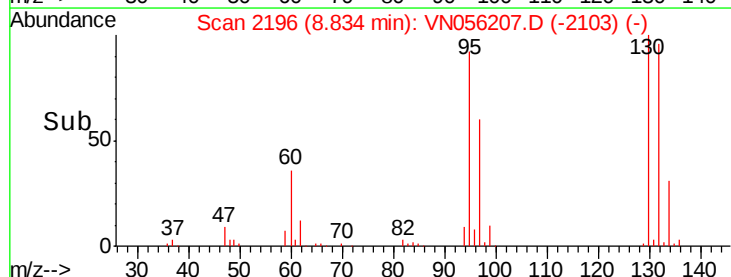
95 91.9 0.0 188.0

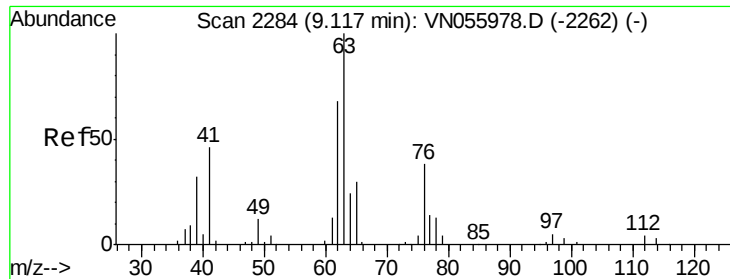


Abundance Ion 129.80 (129.50 to 130.50): VN055978.D (-2179) (-)

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

Time-->

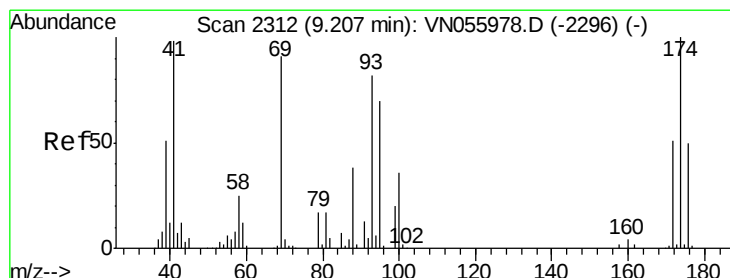
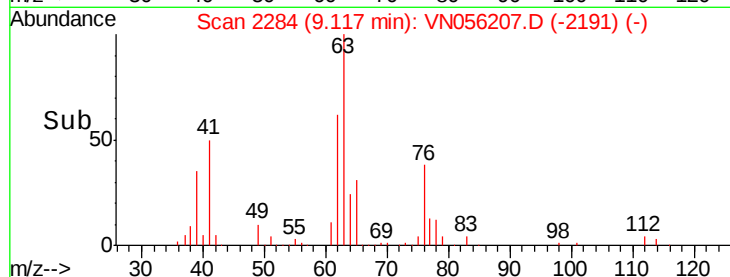
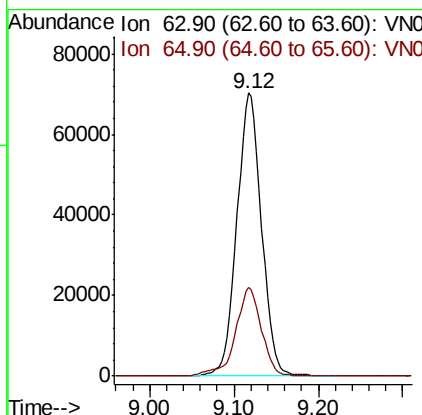
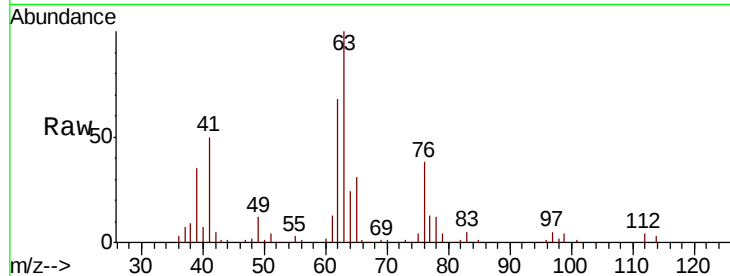




#45
 1,2-Dichloropropane
 Concen: 52.440 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

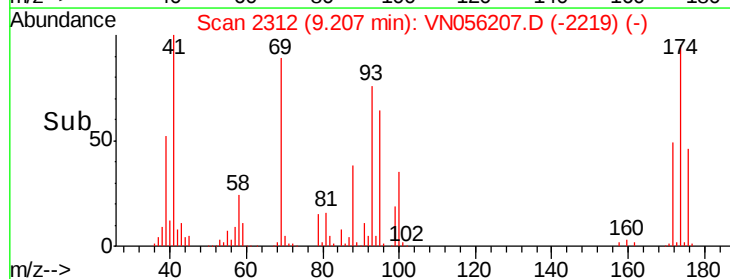
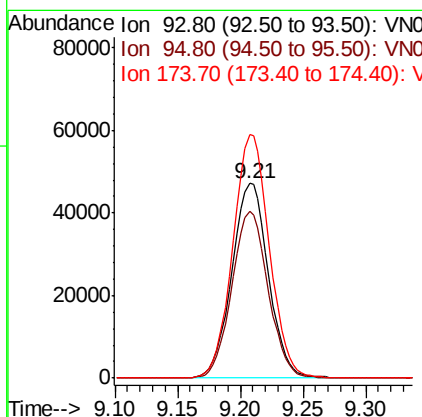
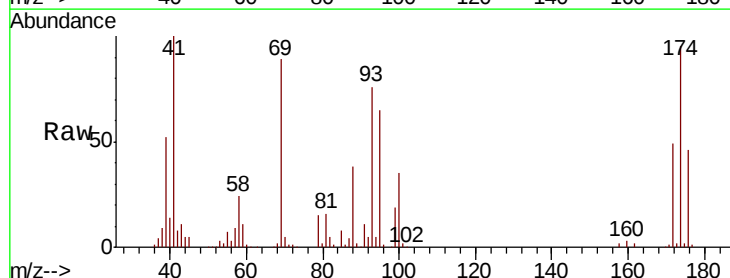
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

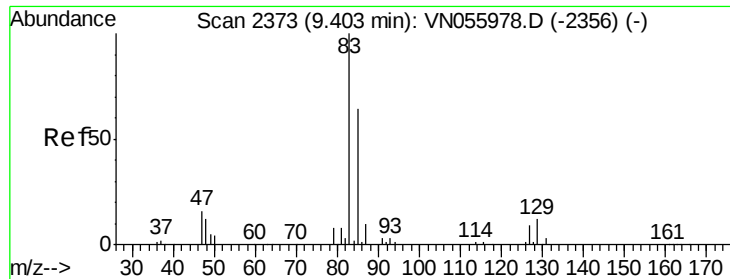
Tot Ion: 63 Resp: 143537
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8



#46
 Dibromomethane
 Concen: 53.495 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion: 93 Resp: 95752
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.7 100.1
 174 124.5 96.4 144.6





#47

Bromodichloromethane

Concen: 56.276 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

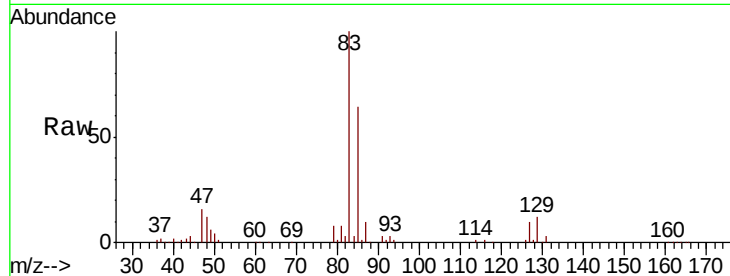
Tot Ion: 83 Resp: 182562

Ion Ratio Lower Upper

83 100

85 64.3 52.2 78.2

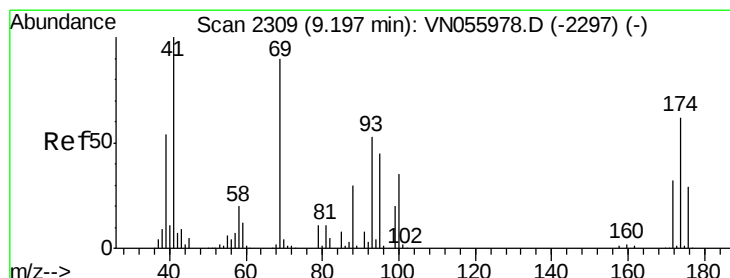
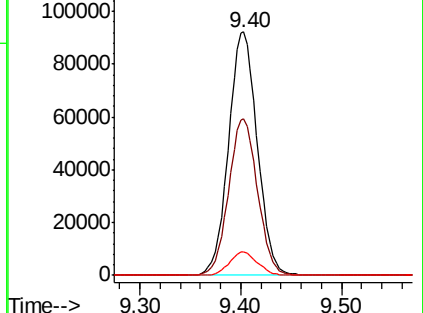
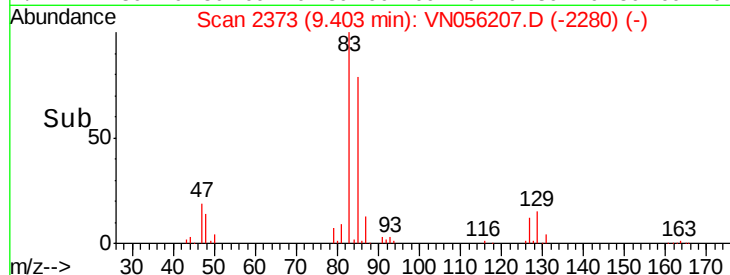
127 9.5 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN056207.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN056207.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN056207.D (-2280) (-)



#48

Methyl methacrylate

Concen: 55.144 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

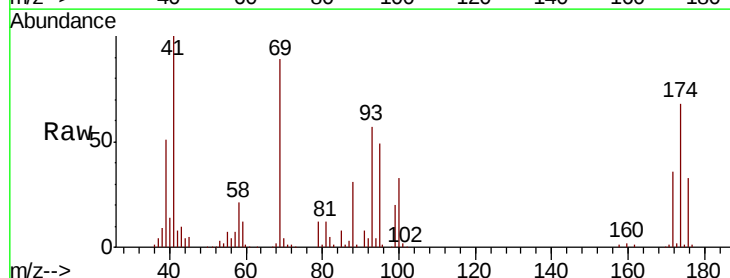
Tgt Ion: 41 Resp: 136857

Ion Ratio Lower Upper

41 100

69 90.1 71.0 106.6

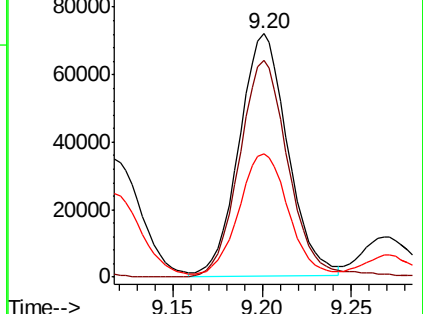
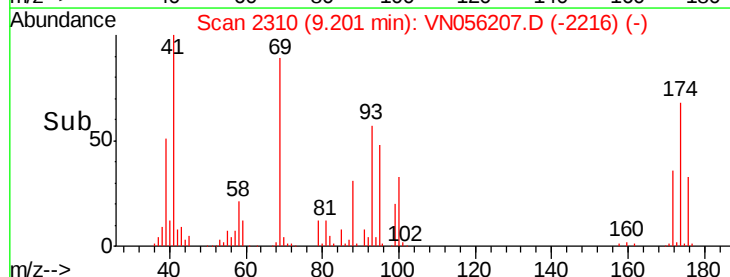
39 51.5 44.2 66.2

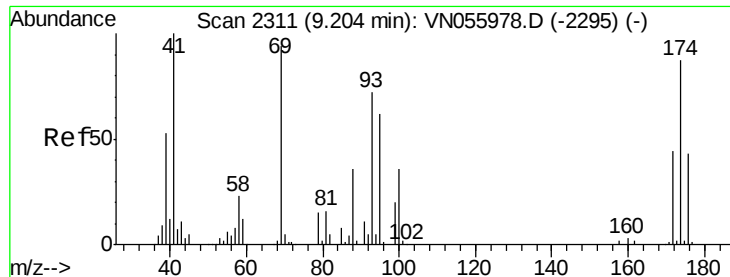


Abundance Ion 41.00 (40.70 to 41.70): VN056207.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN056207.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN056207.D (-2216) (-)

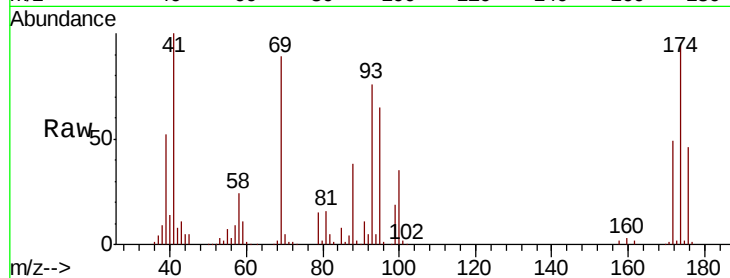




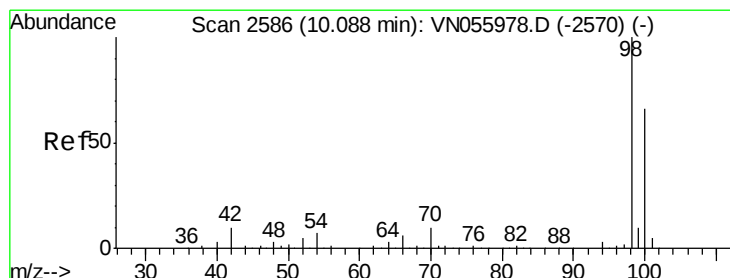
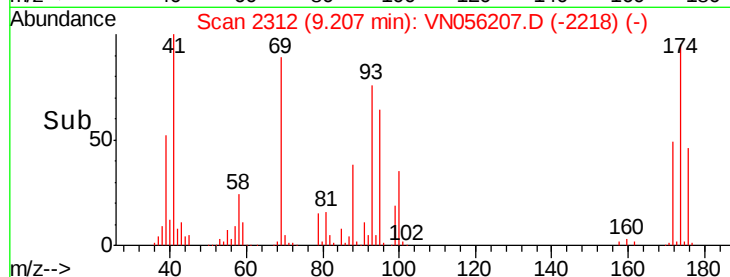
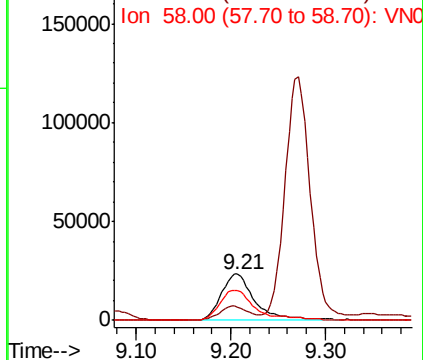
#49
1,4-Dioxane
Concen: 1088.221 ug/l
RT: 9.21 min Scan# 2312
Delta R.T. 0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 88 Resp: 58306
Ion Ratio Lower Upper
88 100
43 25.2 20.5 30.7
58 69.6 55.8 83.6

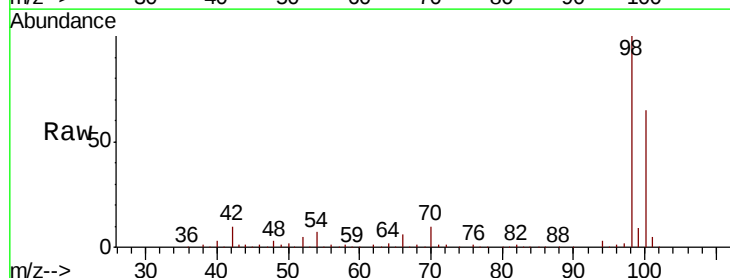


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

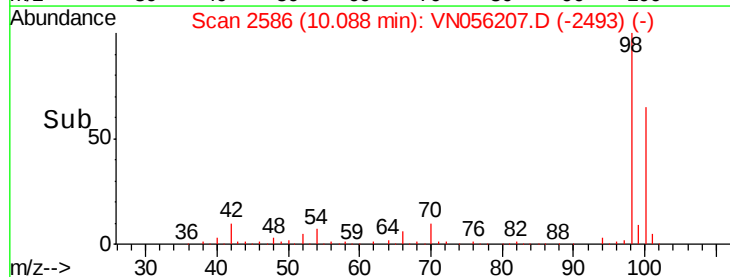
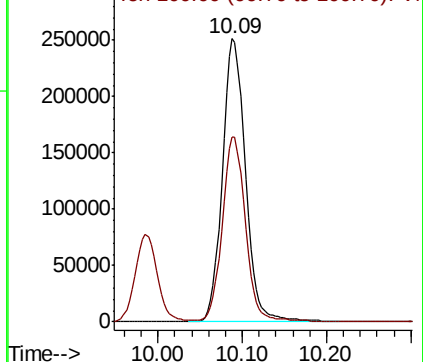


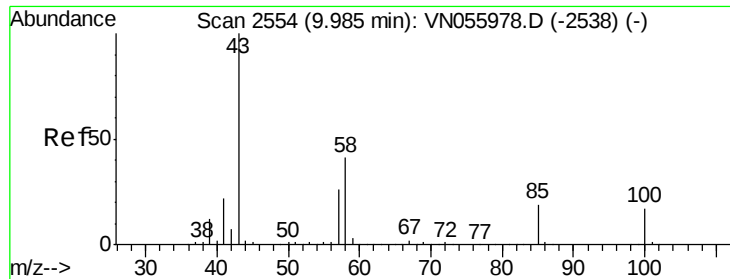
#50
Toluene-d8
Concen: 49.640 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 98 Resp: 479538
Ion Ratio Lower Upper
98 100
100 65.2 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: 280.227 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

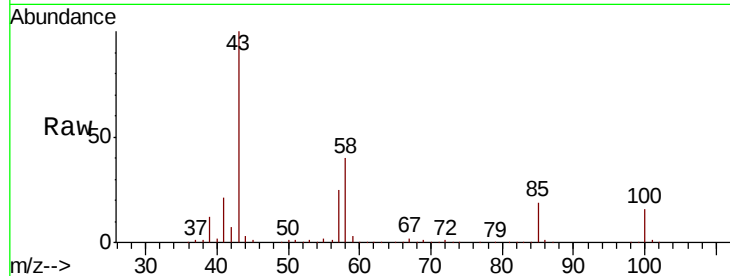
VSTDCCC050EC

Tot Ion: 43 Resp: 888973

Ion Ratio Lower Upper

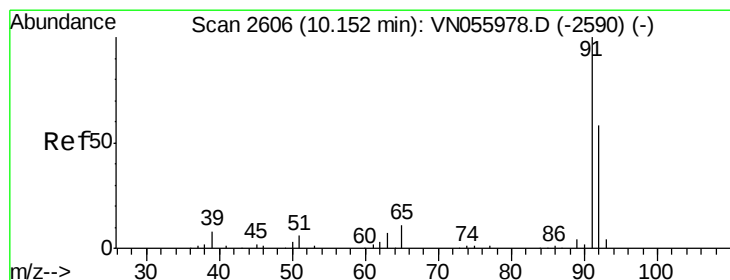
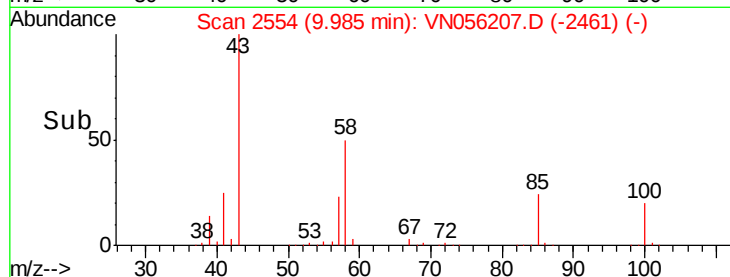
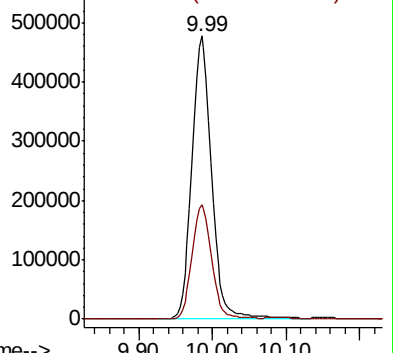
43 100

58 40.4 32.1 48.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.315 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN056207.D

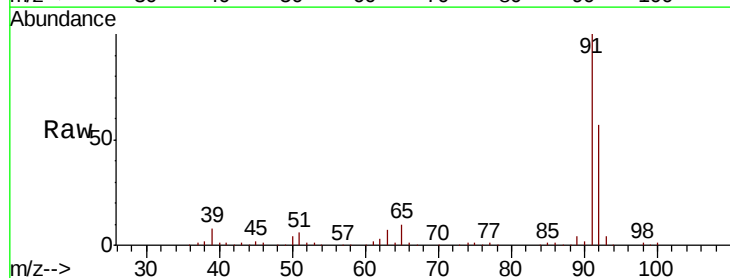
Acq: 11 Jun 2019 8:06

Tgt Ion: 92 Resp: 341224

Ion Ratio Lower Upper

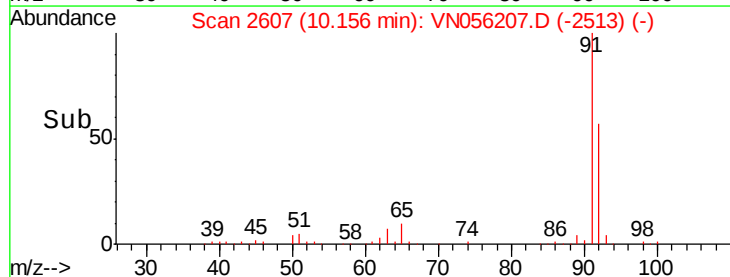
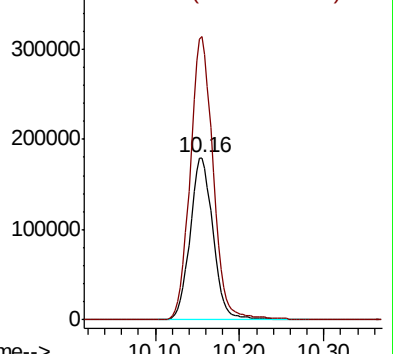
92 100

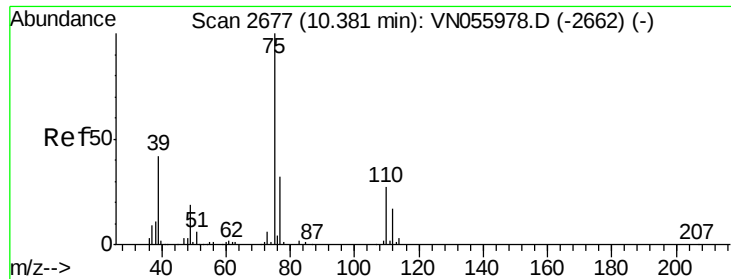
91 174.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 43.671 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

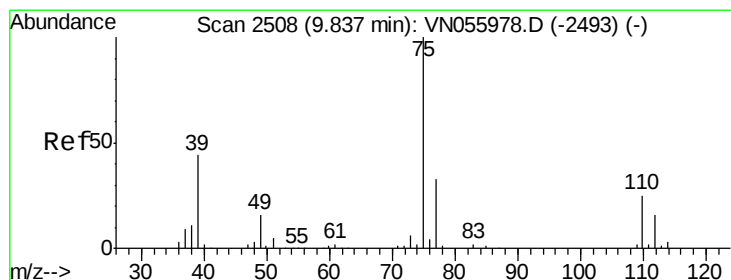
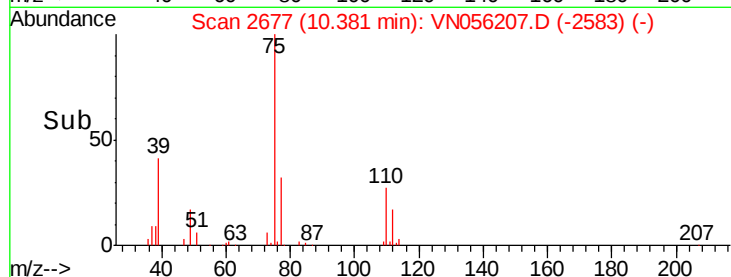
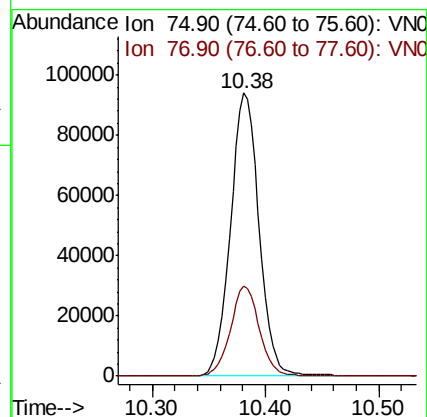
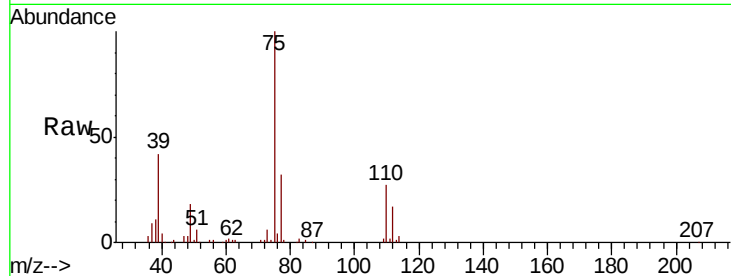
VSTDCCC050EC

Tot Ion: 75 Resp: 164885

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 49.883 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

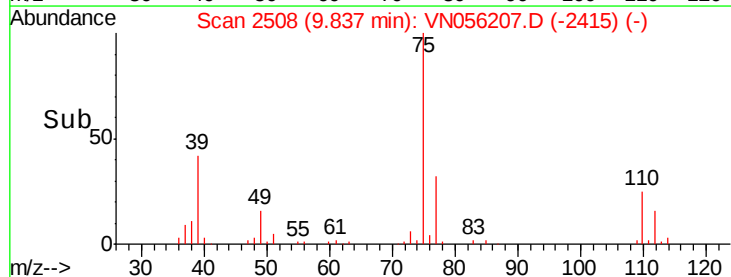
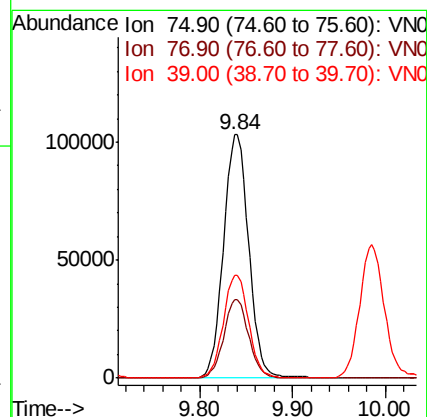
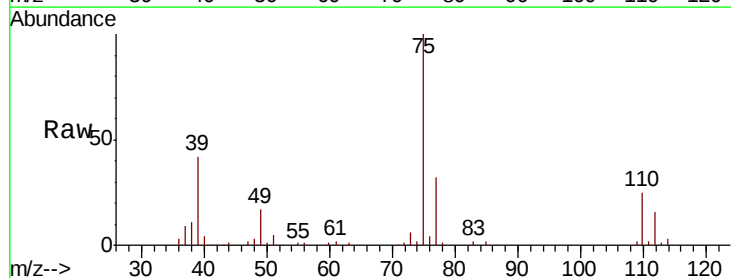
Tgt Ion: 75 Resp: 194515

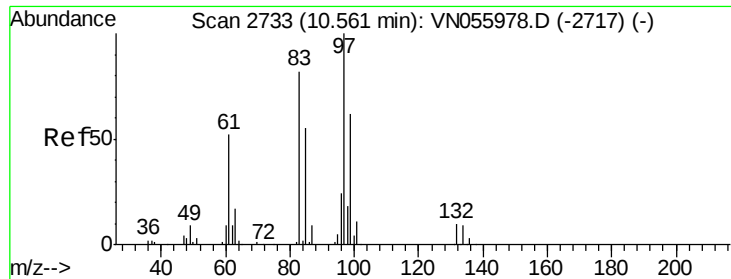
Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0

39 42.3 36.3 54.5





#55

1,1,2-Trichloroethane

Concen: 54.186 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 142725

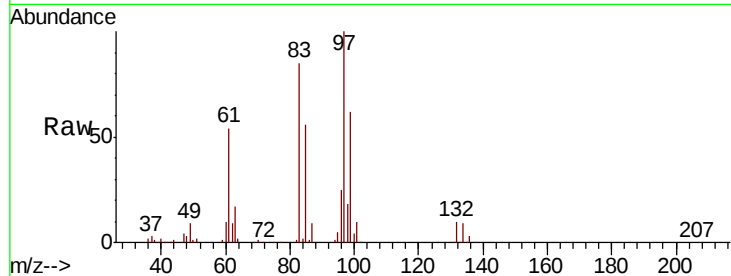
Ion Ratio Lower Upper

97 100

83 84.7 67.0 100.6

85 55.6 44.0 66.0

99 62.1 50.6 75.8

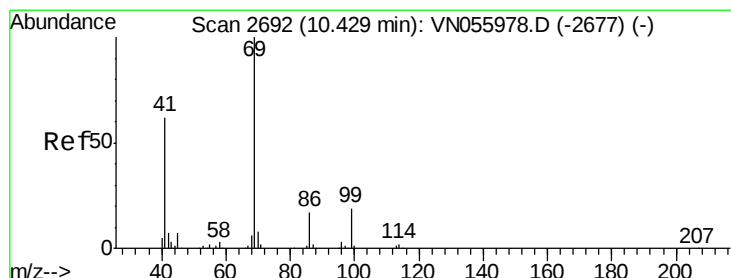
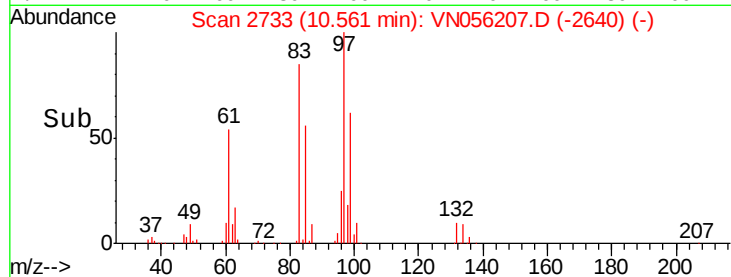
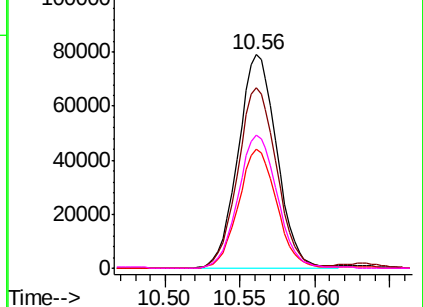


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 54.813 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

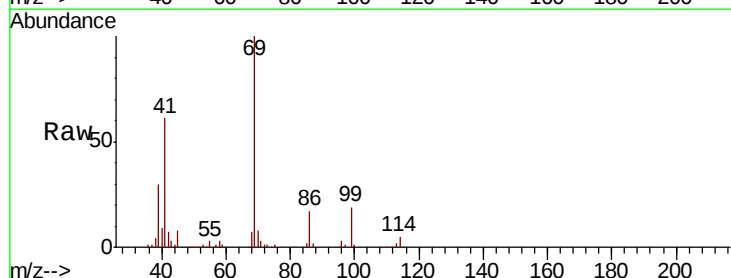
Tgt Ion: 69 Resp: 210630

Ion Ratio Lower Upper

69 100

41 60.5 49.7 74.5

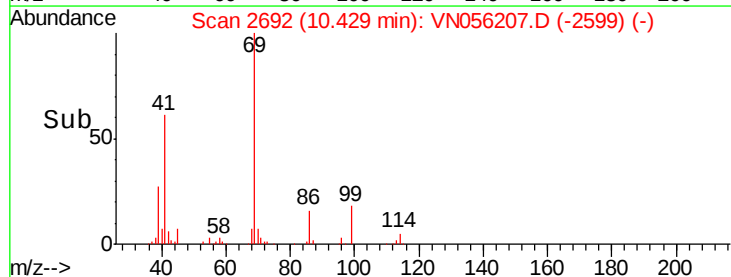
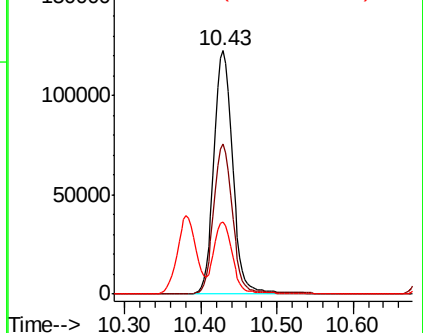
39 29.2 24.7 37.1

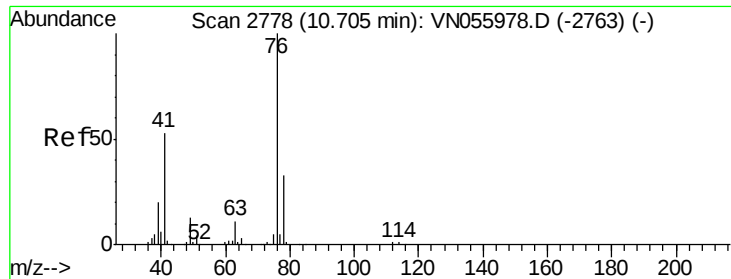


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

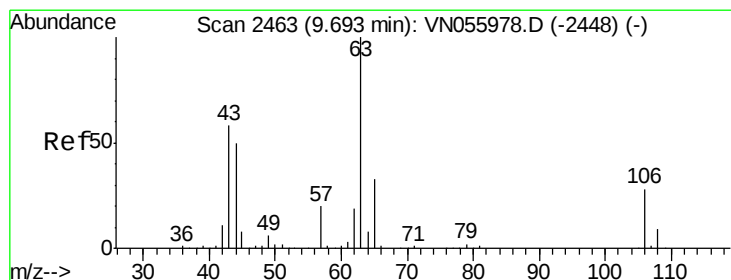
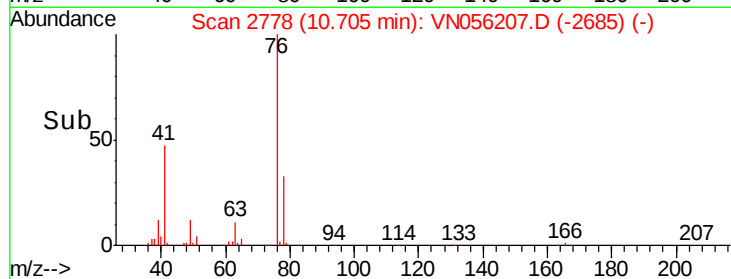
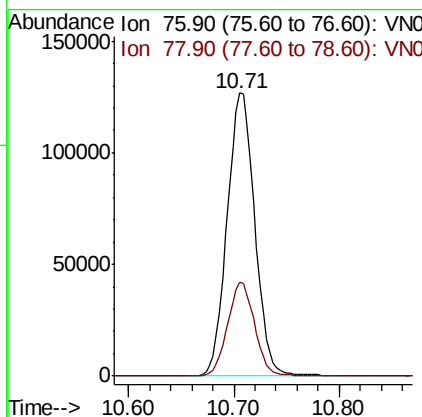
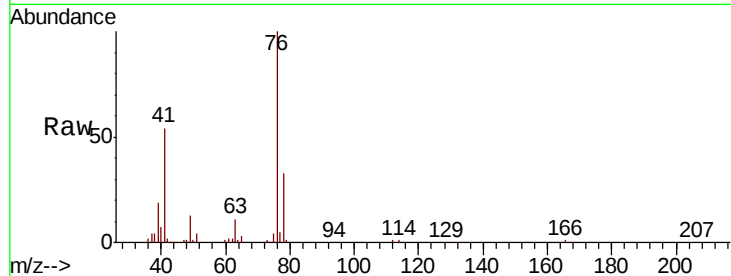




#57
 1,3-Dichloropropane
 Concen: 53.806 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

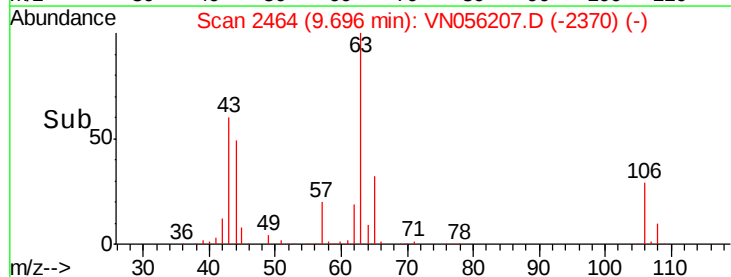
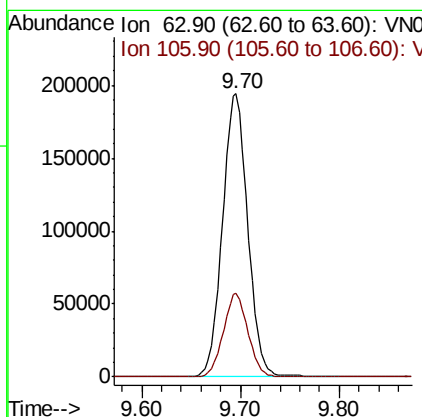
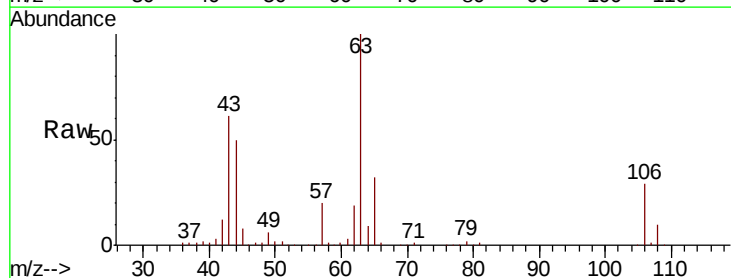
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

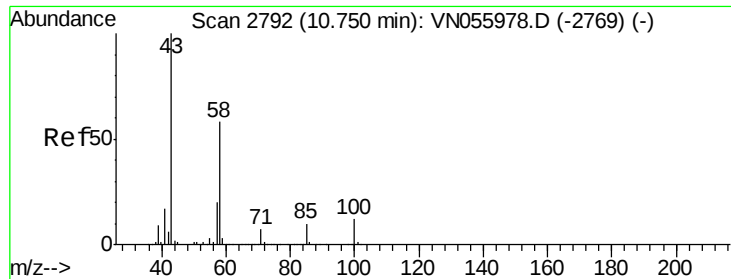
Tot Ion: 76 Resp: 230393
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.304 ug/l
 RT: 9.70 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion: 63 Resp: 348988
 Ion Ratio Lower Upper
 63 100
 106 28.7 22.7 34.1

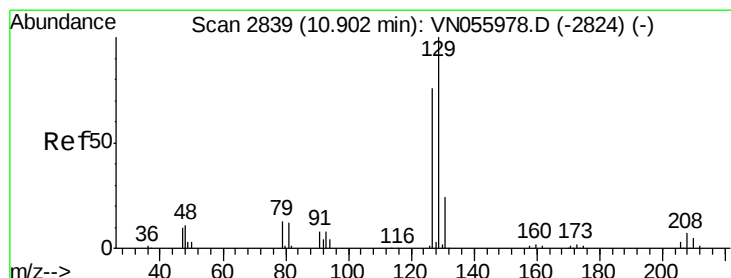
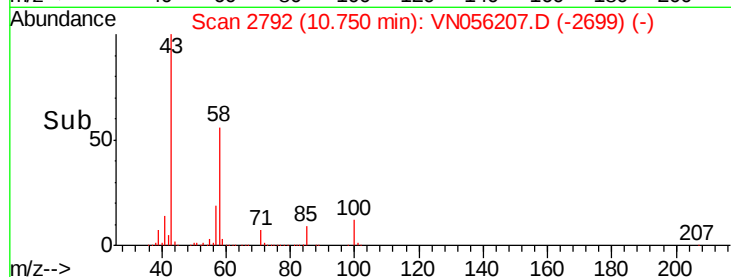
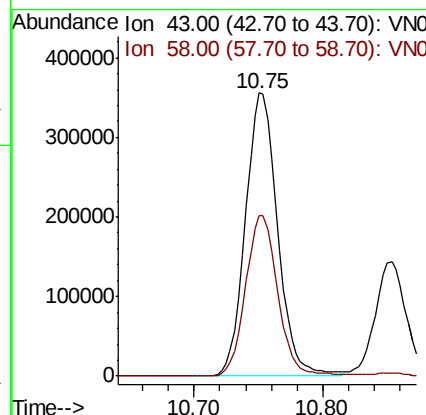
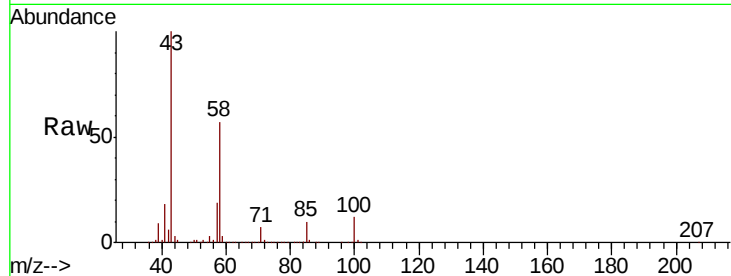




#59
2-Hexanone
Concen: 268.601 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

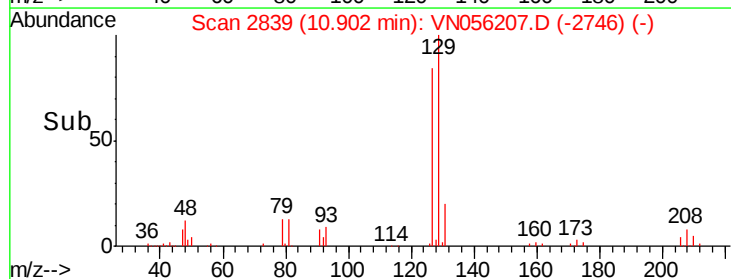
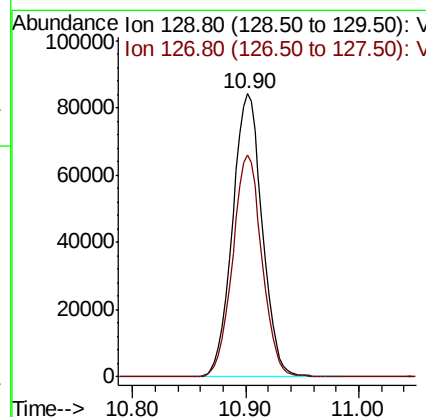
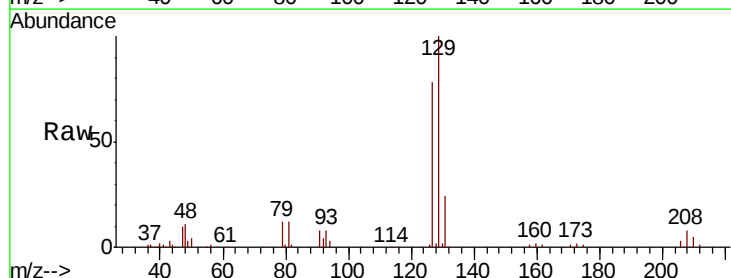
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

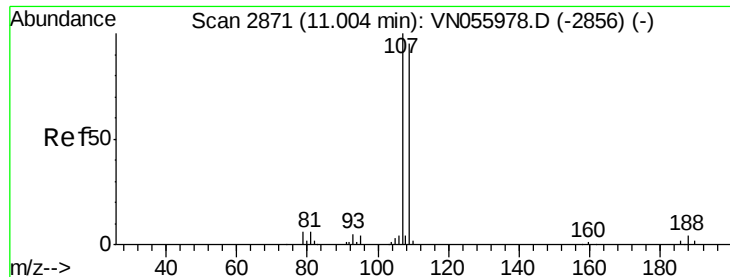
Tot Ion: 43 Resp: 617577
Ion Ratio Lower Upper
43 100
58 56.8 28.2 84.7



#60
Dibromochloromethane
Concen: 52.908 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 129 Resp: 154135
Ion Ratio Lower Upper
129 100
127 77.2 38.1 114.3





#61

1,2-Dibromoethane

Concen: 54.435 ug/l

RT: 11.00 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

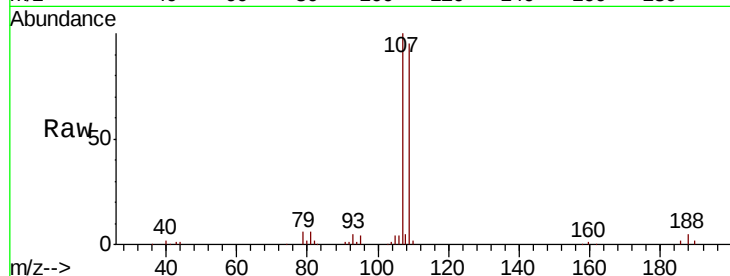
VSTDCCC050EC

Tot Ion: 107 Resp: 146580

Ion Ratio Lower Upper

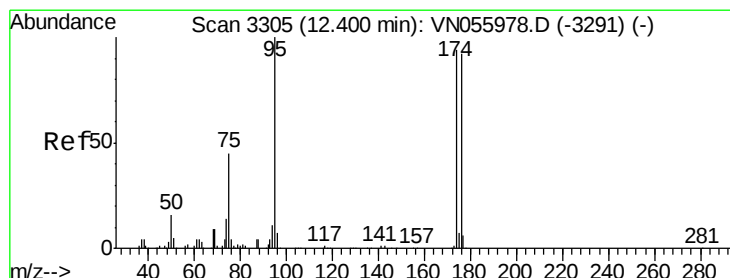
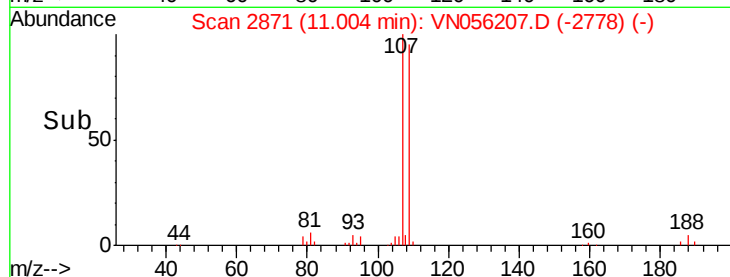
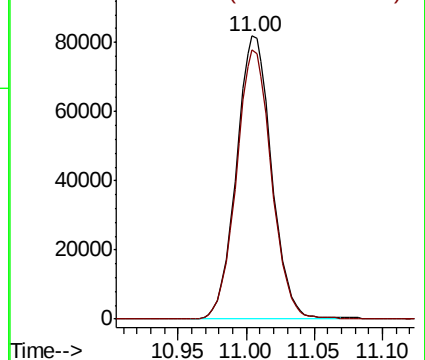
107 100

109 95.0 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: 50.115 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

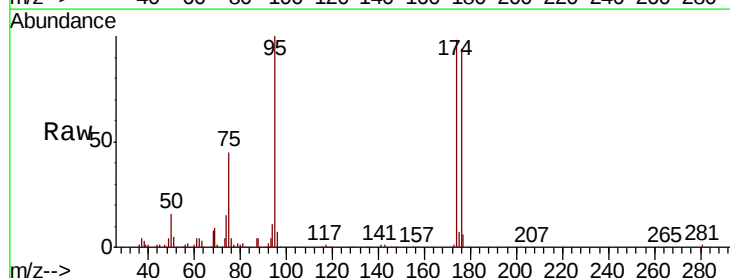
Tgt Ion: 95 Resp: 164639

Ion Ratio Lower Upper

95 100

174 99.2 0.0 191.0

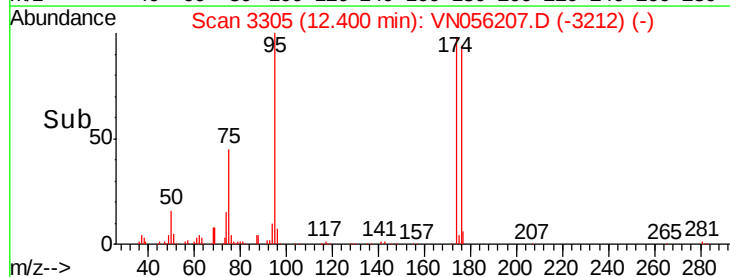
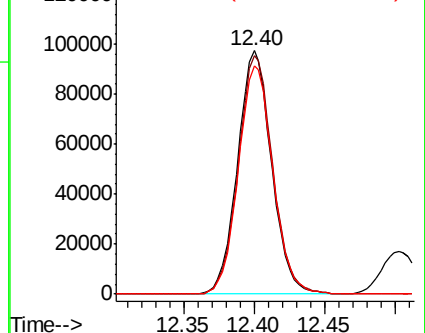
176 95.4 0.0 185.2

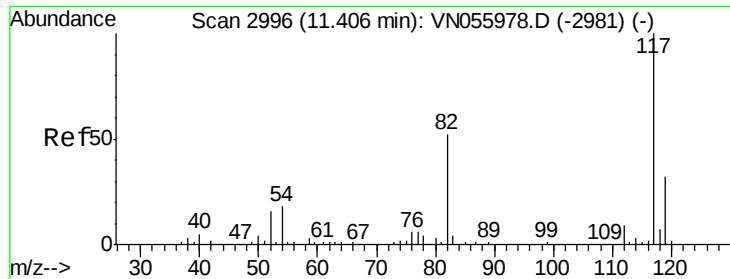


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

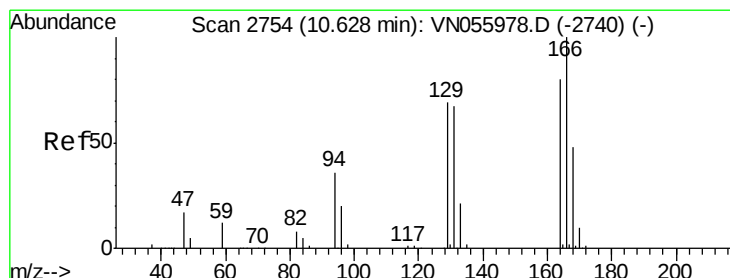
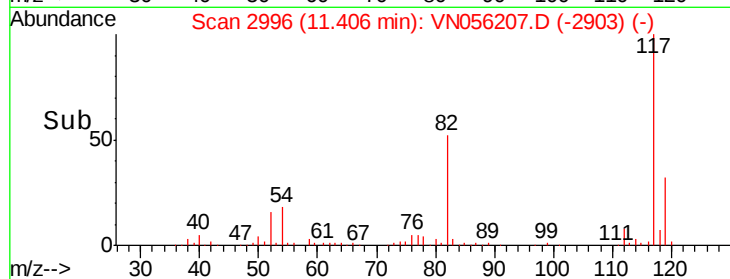
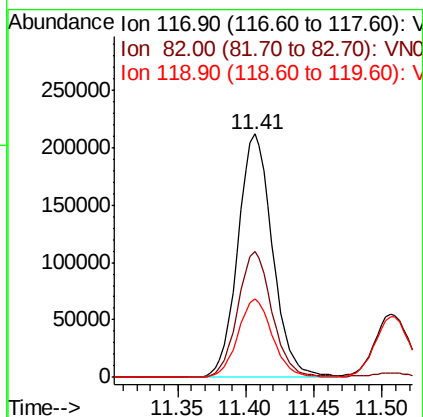
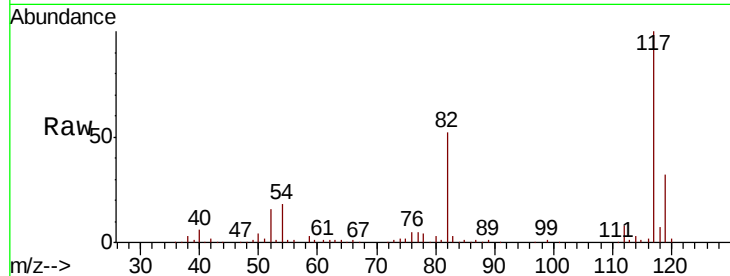




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

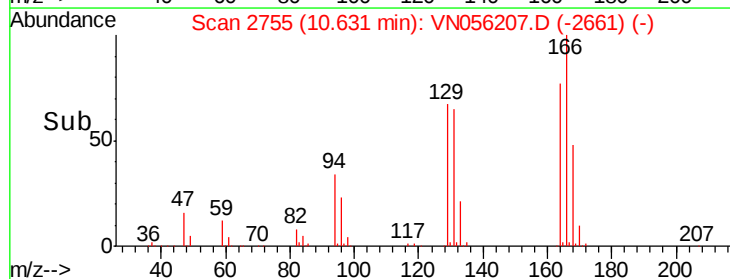
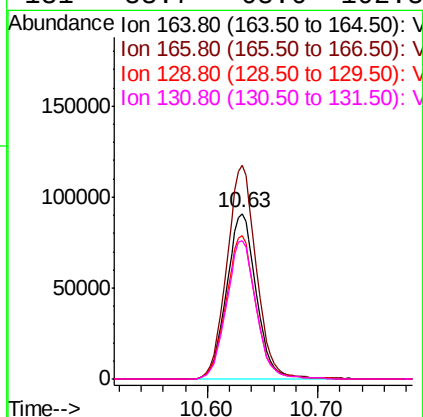
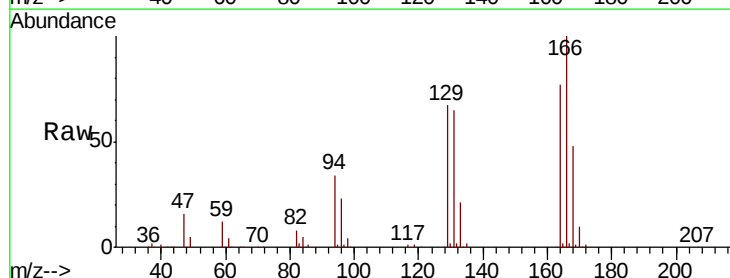
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

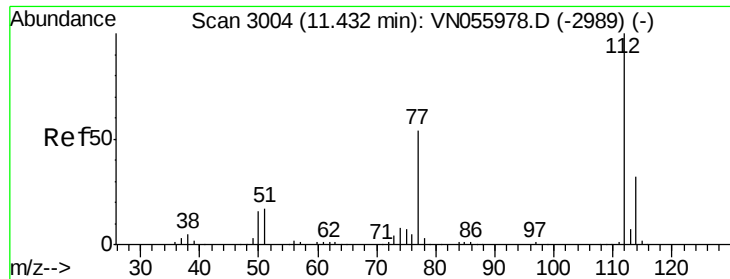
Tot Ion:117 Resp: 373537
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 52.451 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion:164 Resp: 169593
Ion Ratio Lower Upper
164 100
166 129.2 103.0 154.6
129 86.7 70.6 105.8
131 83.7 68.6 102.8

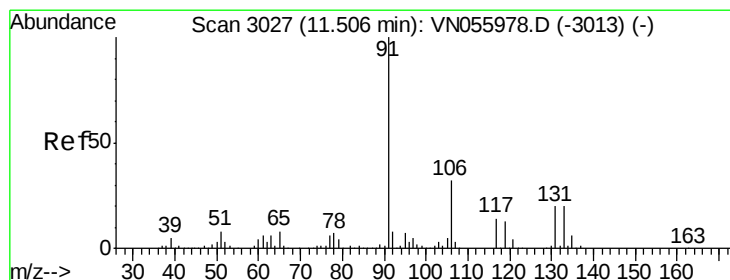
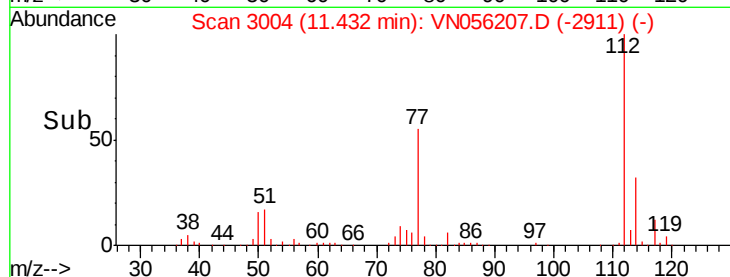
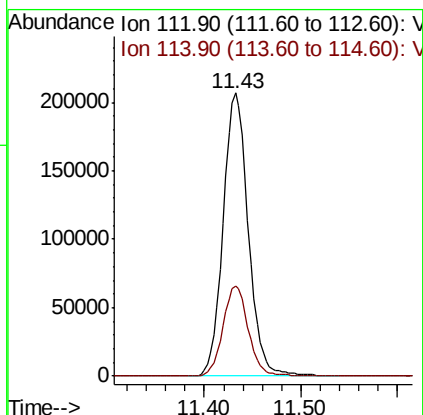
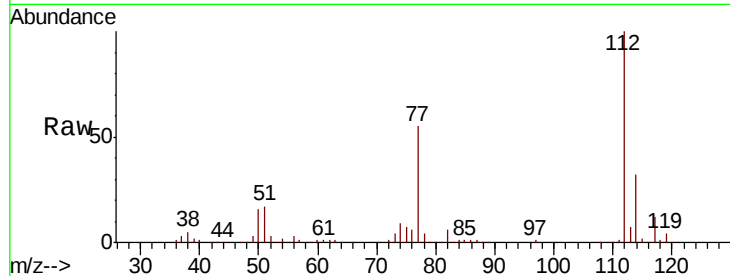




#65
Chlorobenzene
Concen: 50.203 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

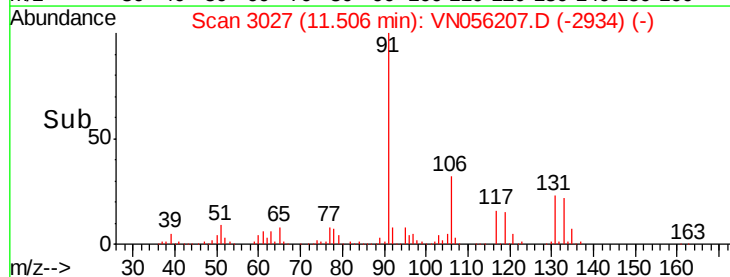
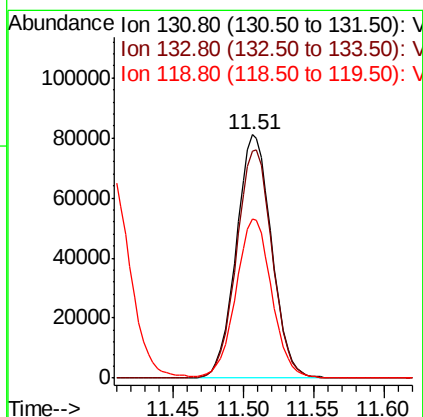
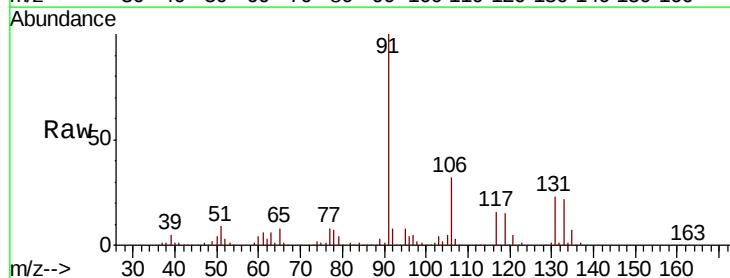
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

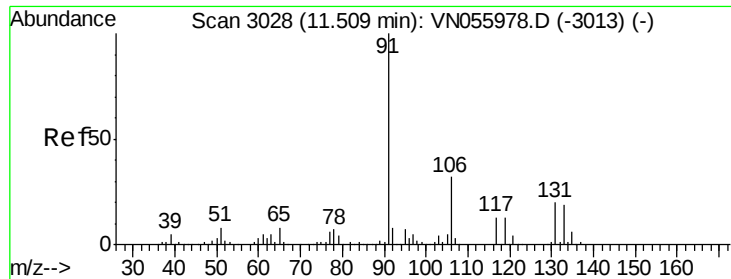
Tot Ion:112 Resp: 373216
Ion Ratio Lower Upper
112 100
114 32.0 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 55.559 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion:131 Resp: 142616
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.0
119 66.1 33.1 99.5

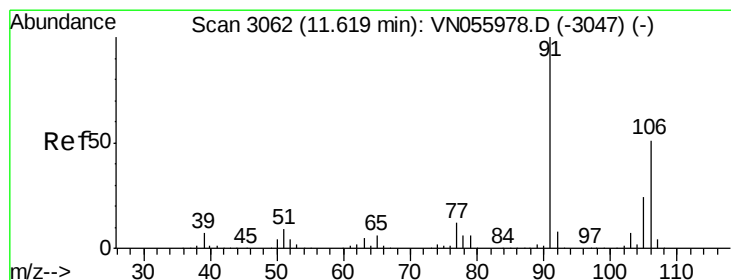
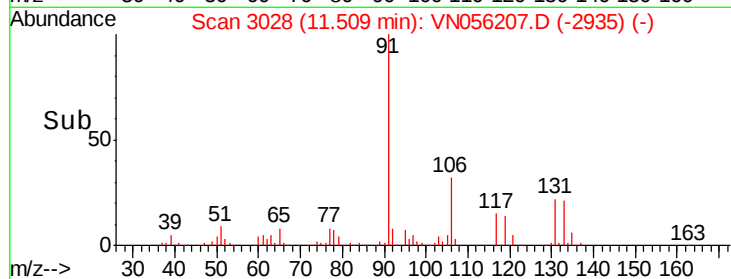
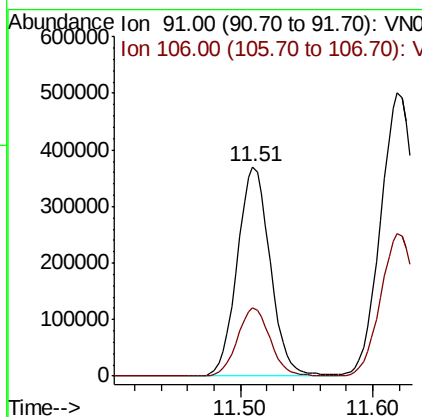
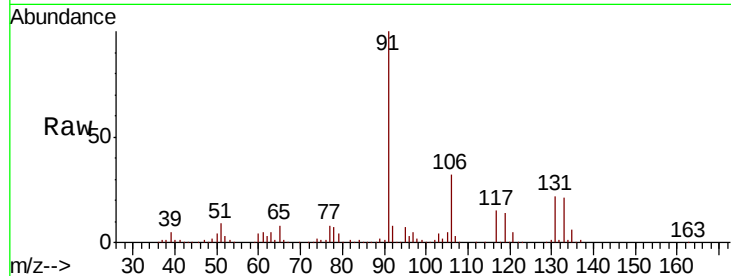




#67
Ethyl Benzene
Concen: 49.479 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

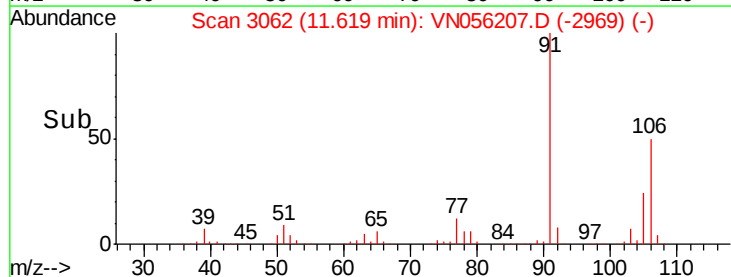
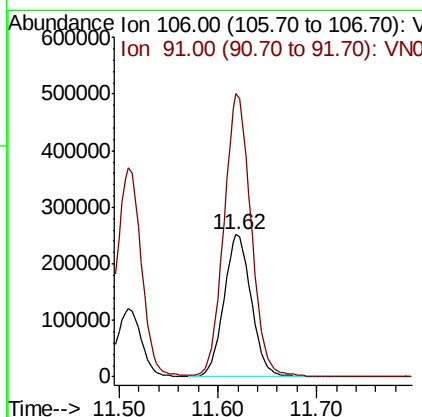
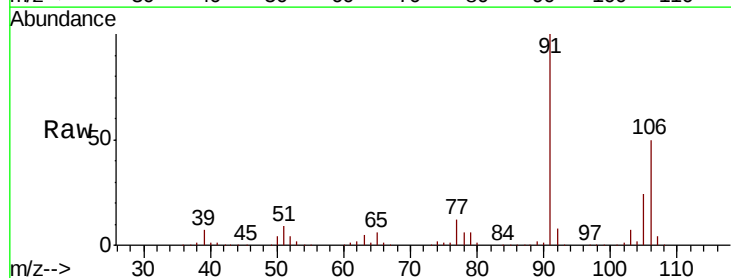
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

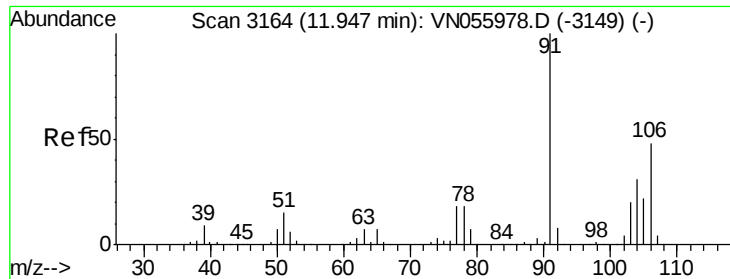
Tot Ion: 91 Resp: 639602
Ion Ratio Lower Upper
91 100
106 32.4 25.1 37.7



#68
m/p-Xylenes
Concen: 99.397 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 106 Resp: 490838
Ion Ratio Lower Upper
106 100
91 197.0 159.3 238.9

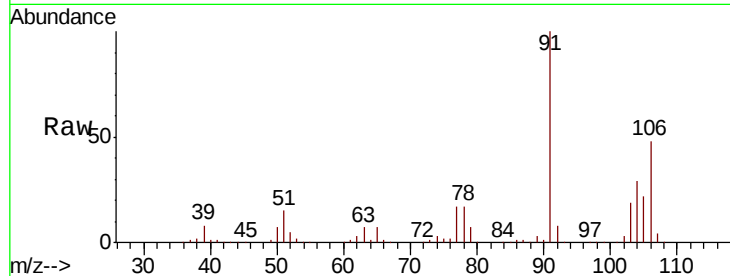




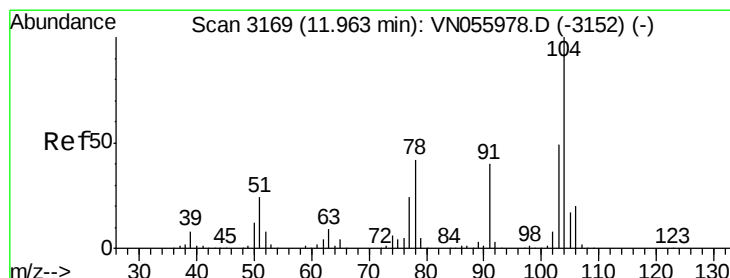
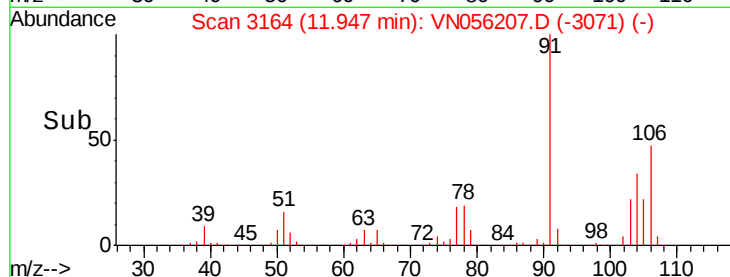
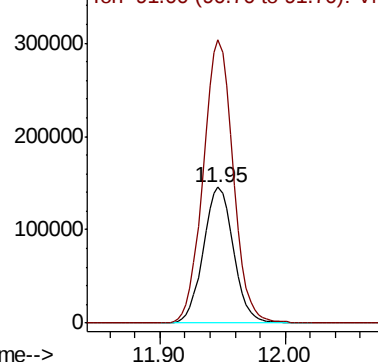
#69
o-Xylene
Concen: 50.124 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 243474
Ion Ratio Lower Upper
106 100
91 207.1 104.7 314.1

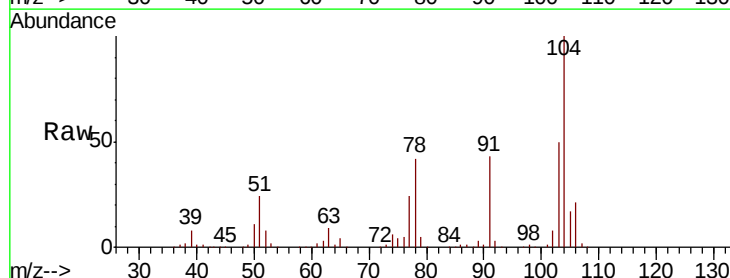


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

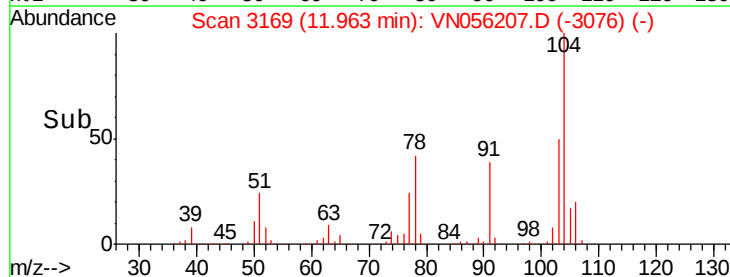
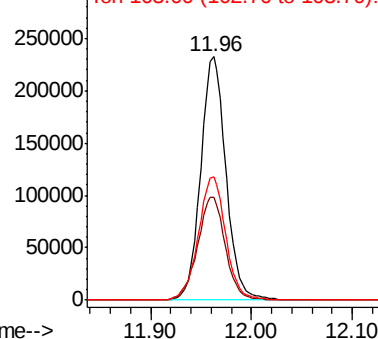


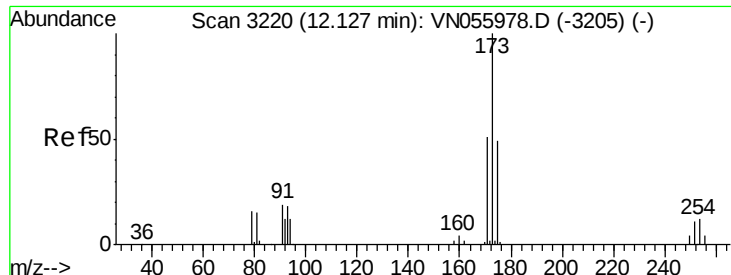
#70
Styrene
Concen: 52.691 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion:104 Resp: 406658
Ion Ratio Lower Upper
104 100
78 46.5 37.8 56.6
103 54.8 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

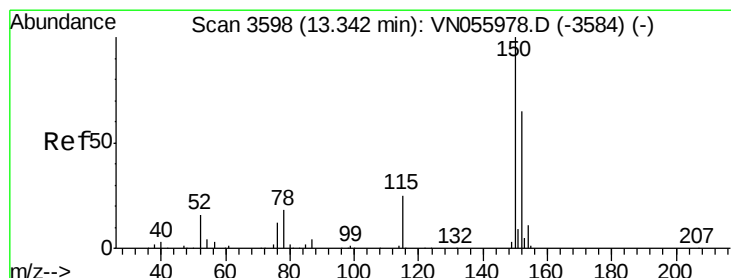
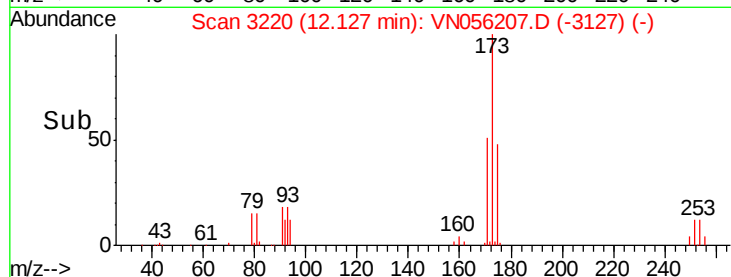
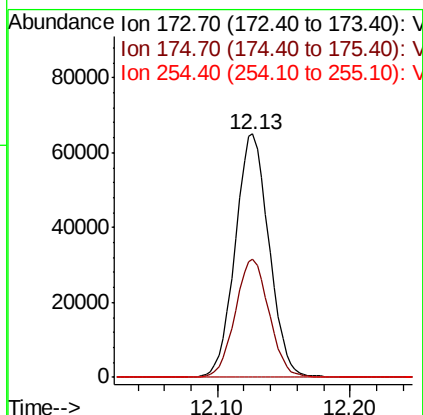
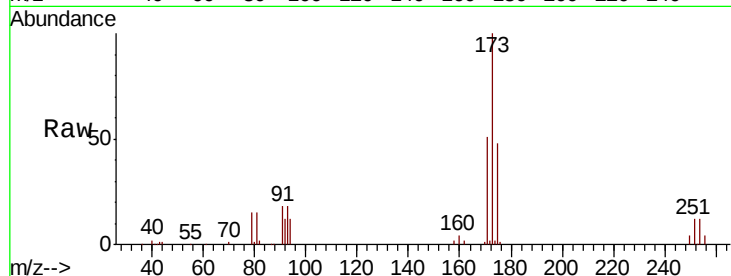




#71
Bromoform
Concen: 53.178 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

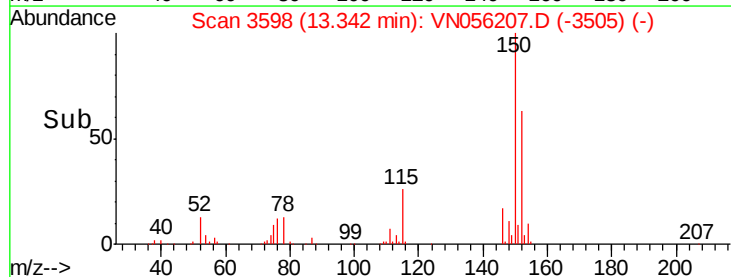
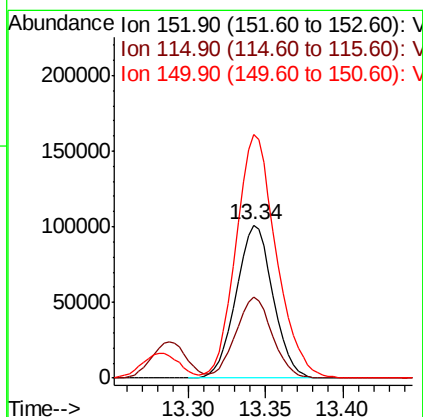
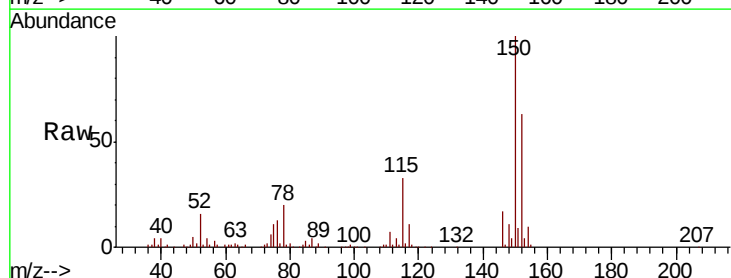
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

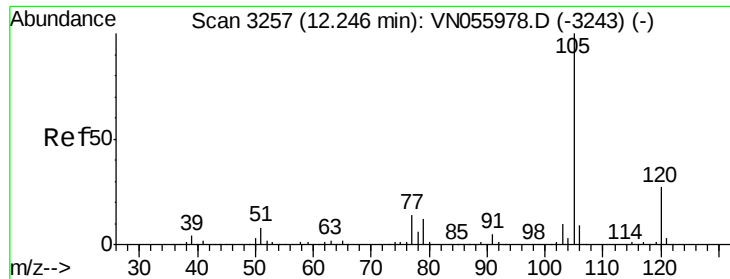
Tot Ion:173 Resp: 114999
Ion Ratio Lower Upper
173 100
175 48.6 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion:152 Resp: 167278
Ion Ratio Lower Upper
152 100
115 52.4 27.0 81.0
150 173.2 0.0 343.2





#73

Isopropylbenzene

Concen: 53.171 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

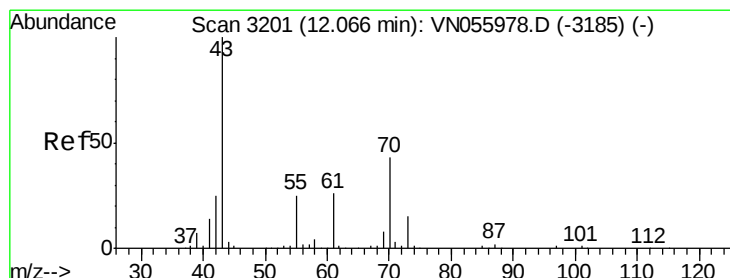
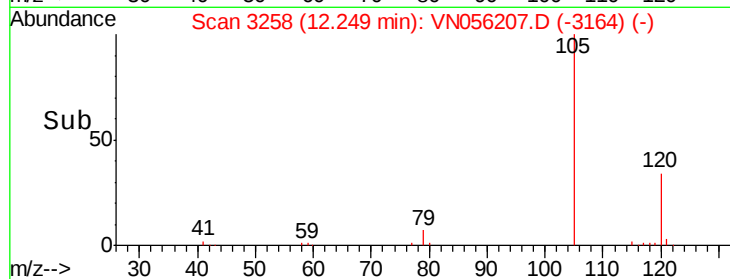
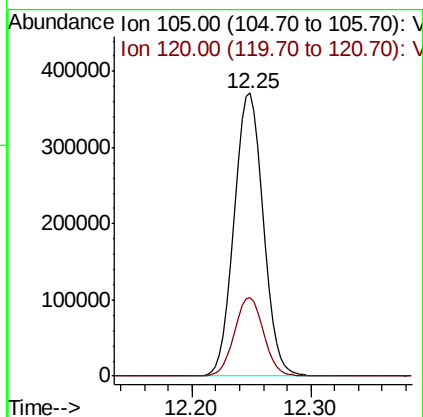
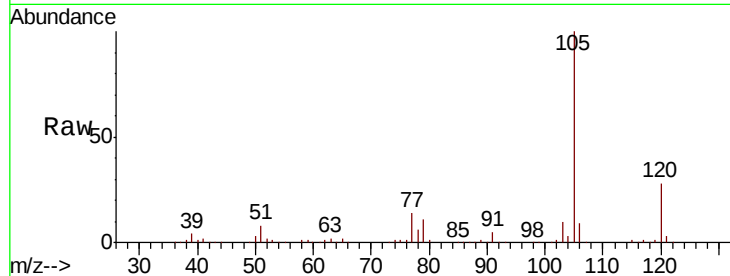
VSTDCCC050EC

Tot Ion:105 Resp: 632164

Ion Ratio Lower Upper

105 100

120 27.7 13.6 40.7



#74

N-ethyl acetate

Concen: 50.051 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Tgt Ion: 43 Resp: 223181

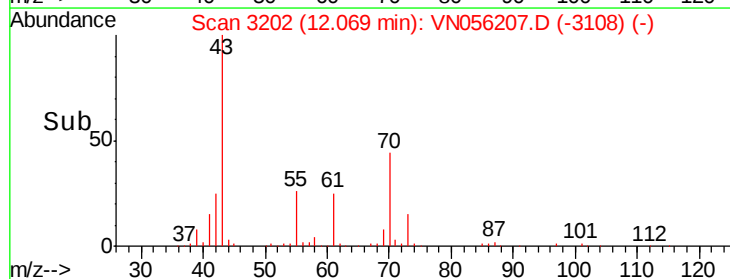
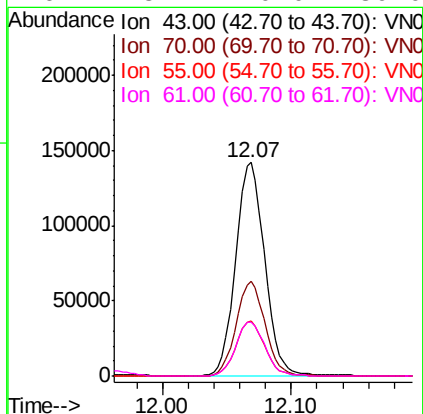
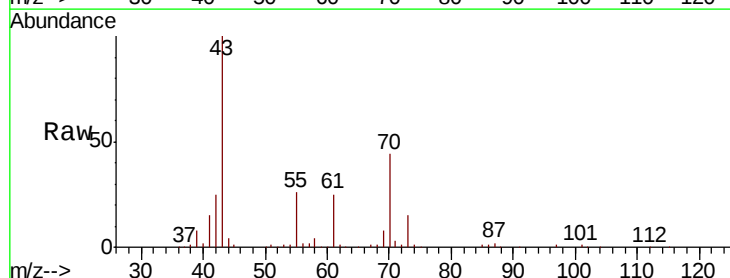
Ion Ratio Lower Upper

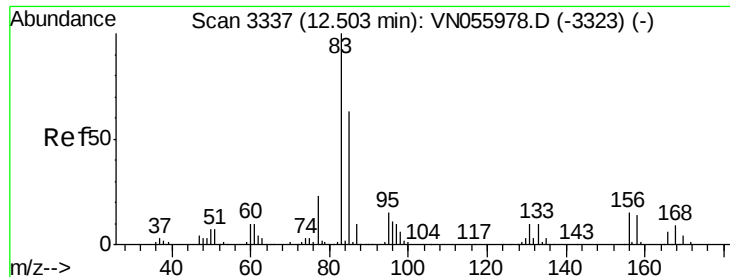
43 100

70 44.1 34.0 51.0

55 25.5 18.6 28.0

61 25.4 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.797 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

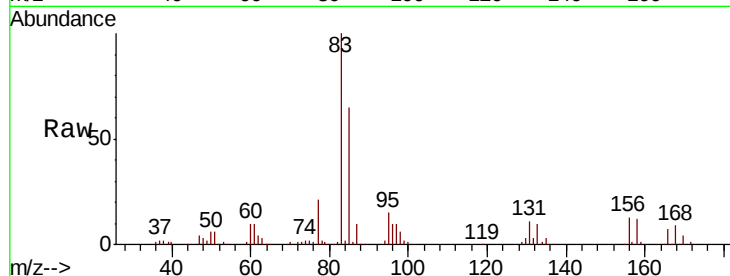
Tot Ion: 83 Resp: 197259

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

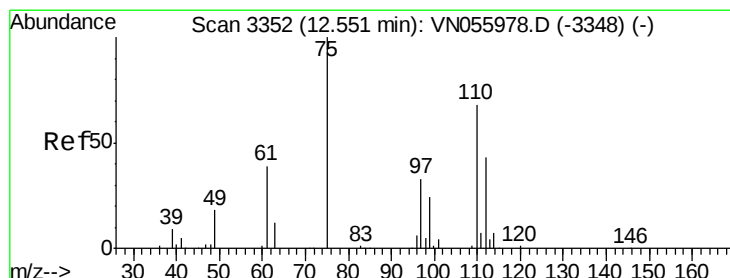
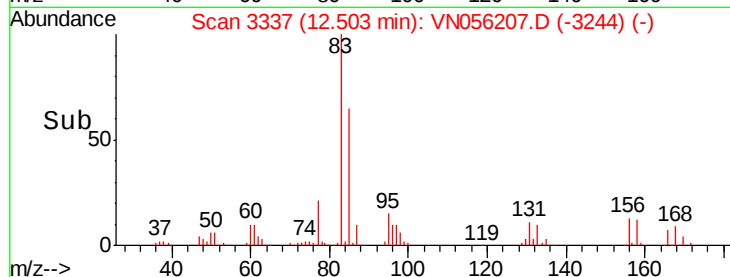
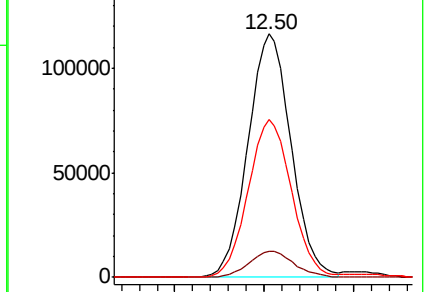
85 65.0 32.4 97.0



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) (-)



#76

1,2,3-Trichloropropane

Concen: 71.575 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN056207.D

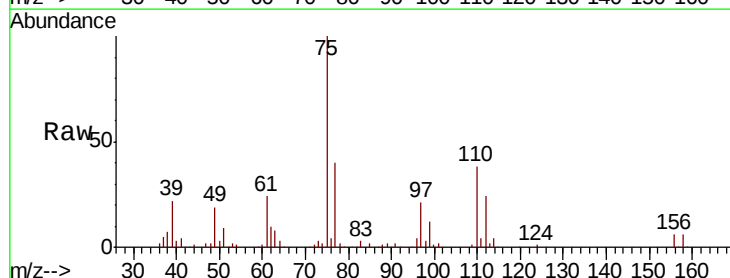
Acq: 11 Jun 2019 8:06

Tgt Ion: 75 Resp: 220308

Ion Ratio Lower Upper

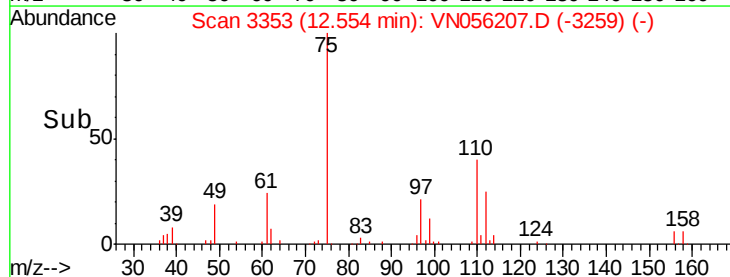
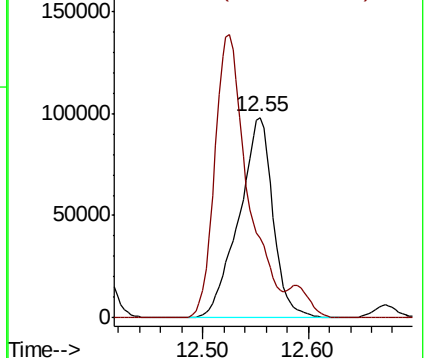
75 100

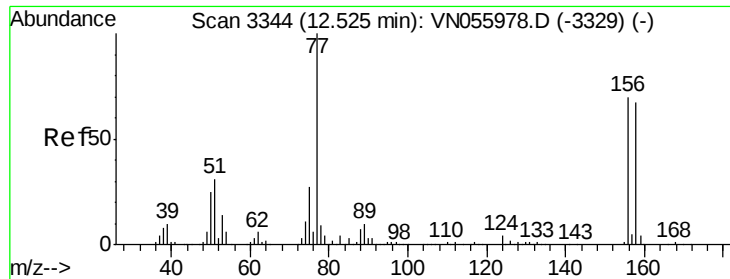
77 0.0 0.0 0.0



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

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





#77

Bromobenzene

Concen: 49.274 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

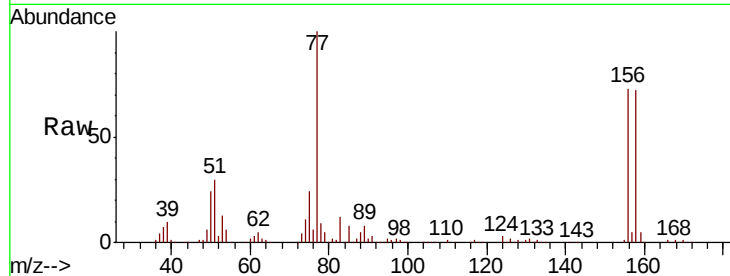
Tot Ion:156 Resp: 176470

Ion Ratio Lower Upper

156 100

77 171.0 90.8 272.5

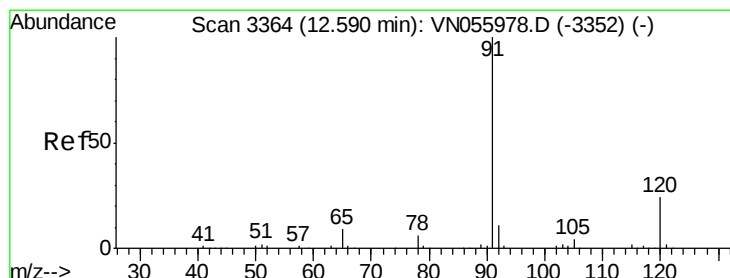
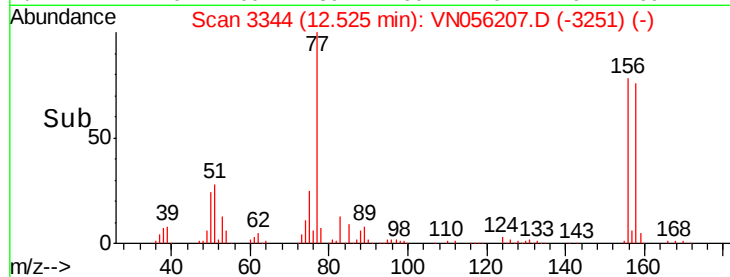
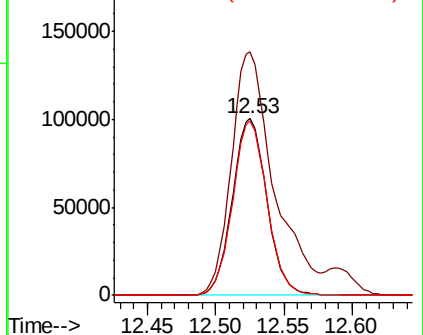
158 98.4 49.3 147.8



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: 47.270 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN056207.D

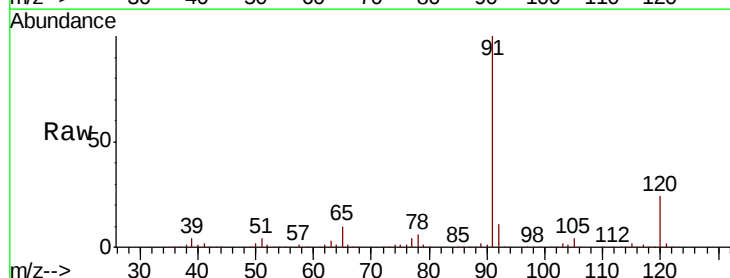
Acq: 11 Jun 2019 8:06

Tgt Ion: 91 Resp: 668940

Ion Ratio Lower Upper

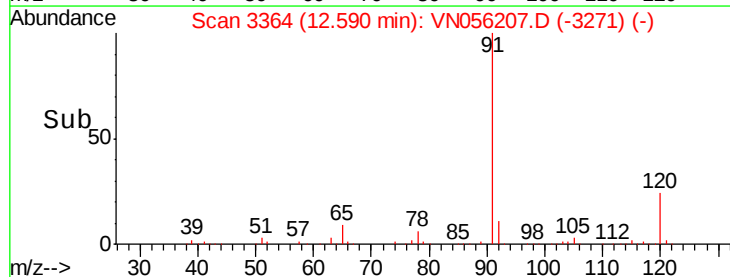
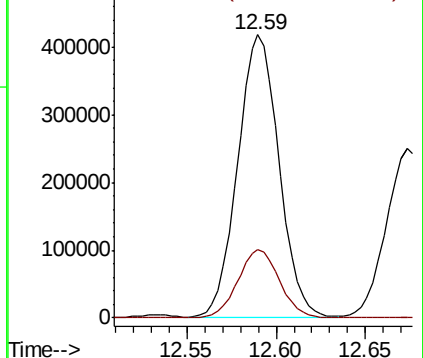
91 100

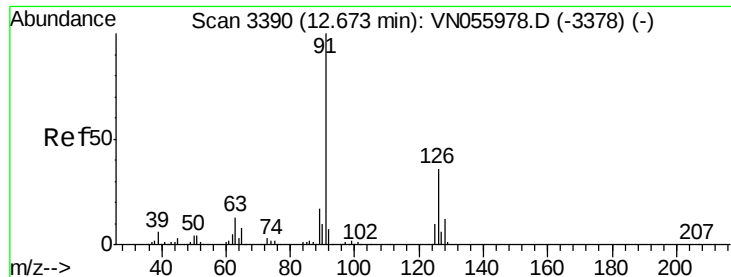
120 24.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

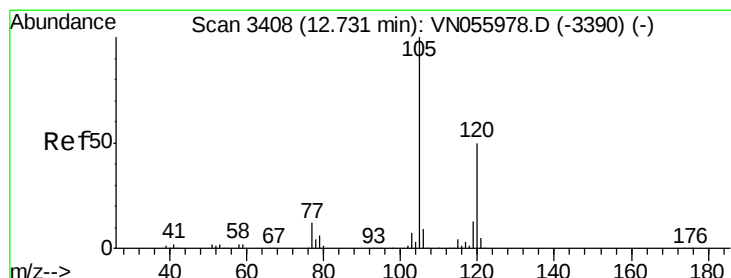
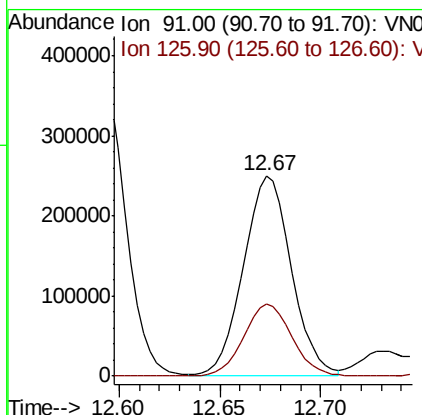
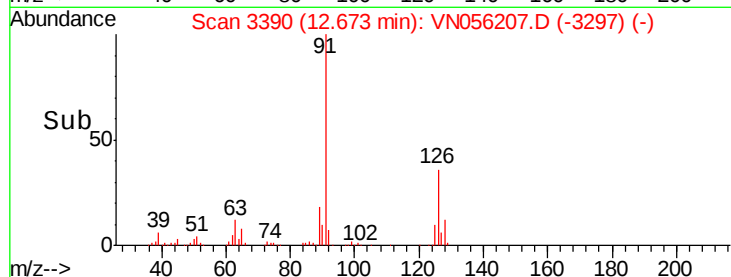
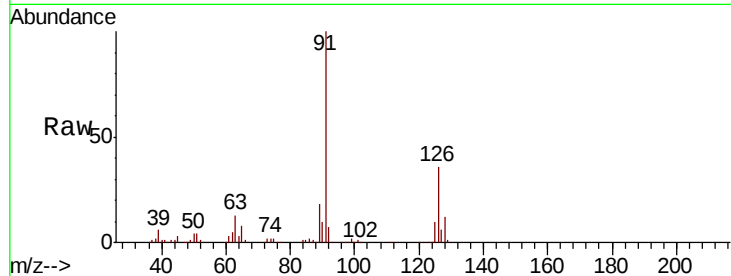




#79
 2-Chlorotoluene
 Concen: 52.852 ug/l
 RT: 12.67 min Scan# 3390
 Delta R.T. 0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

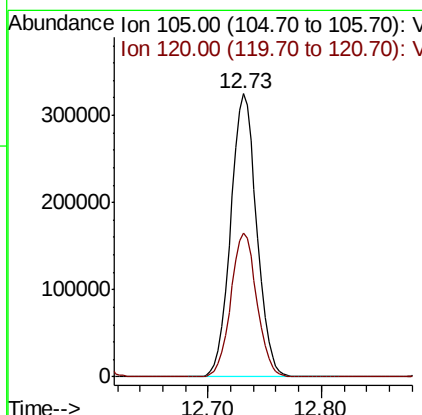
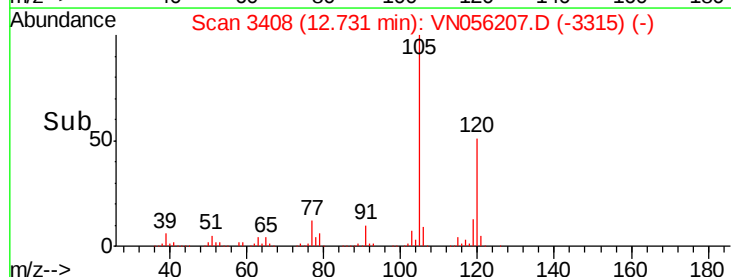
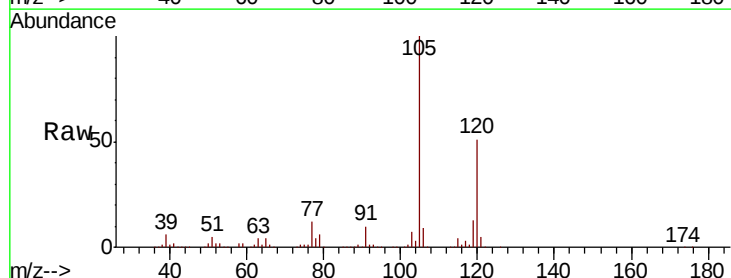
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

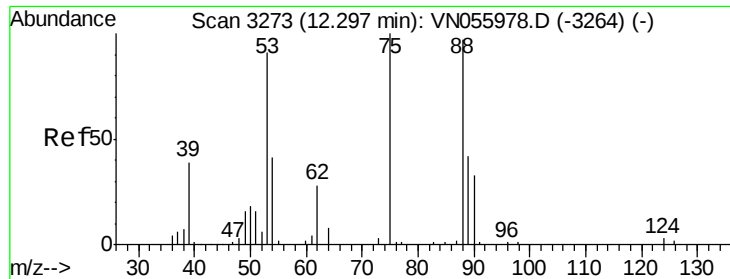
Tot Ion: 91 Resp: 413818
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.1 54.4



#80
 1,3,5-Trimethylbenzene
 Concen: 46.061 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion: 105 Resp: 518057
 Ion Ratio Lower Upper
 105 100
 120 50.6 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 43.445 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

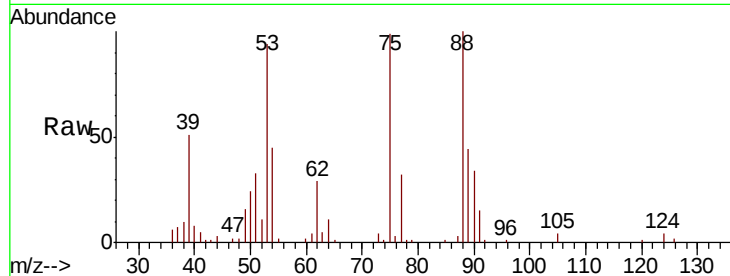
Tot Ion: 75 Resp: 40155

Ion Ratio Lower Upper

75 100

53 97.6 68.1 102.1

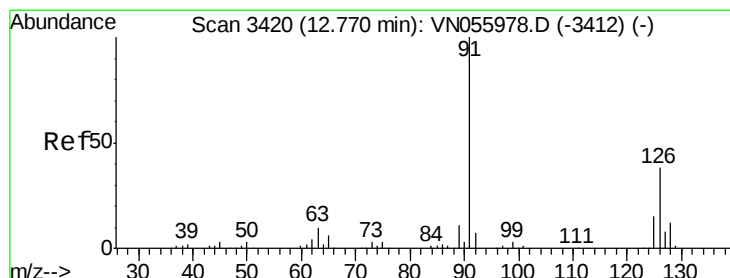
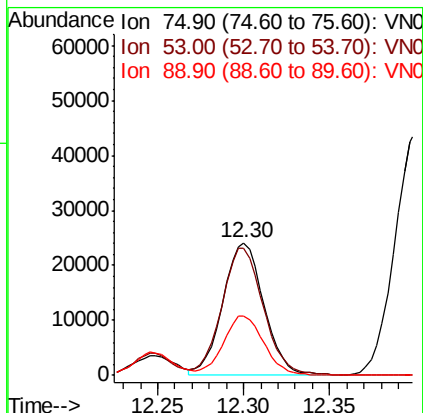
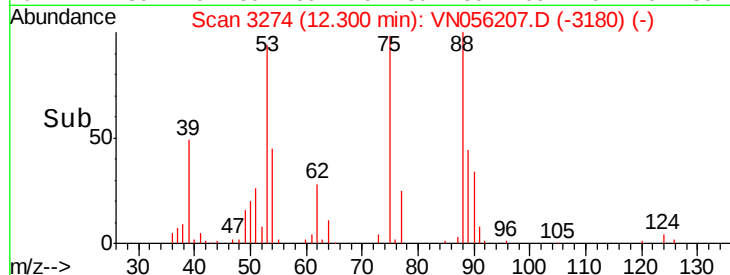
89 44.4 36.9 55.3



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: 48.096 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN056207.D

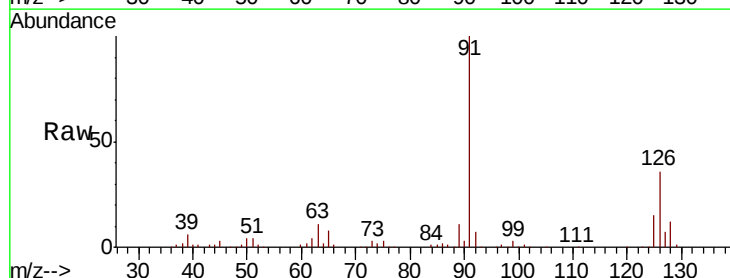
Acq: 11 Jun 2019 8:06

Tgt Ion: 91 Resp: 398199

Ion Ratio Lower Upper

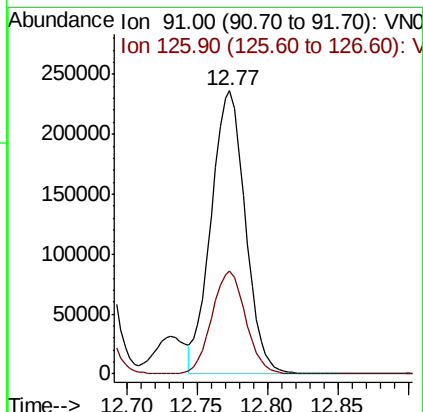
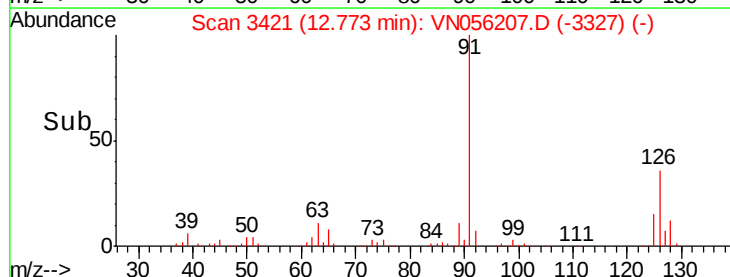
91 100

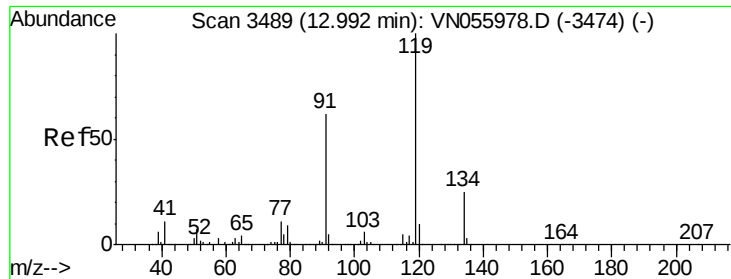
126 36.0 17.8 53.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

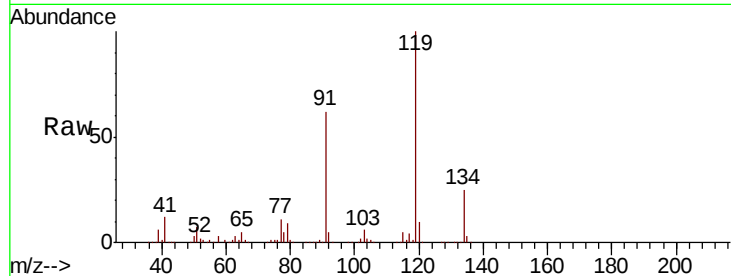




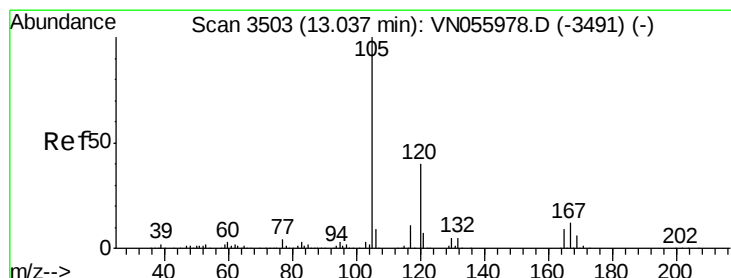
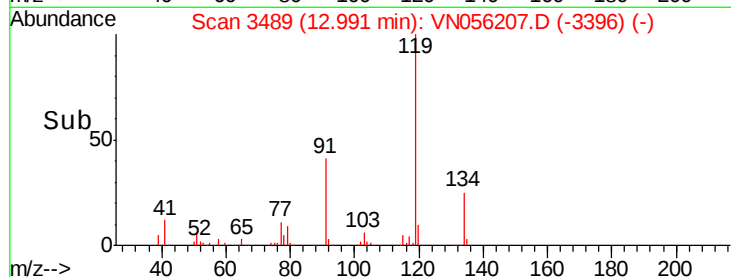
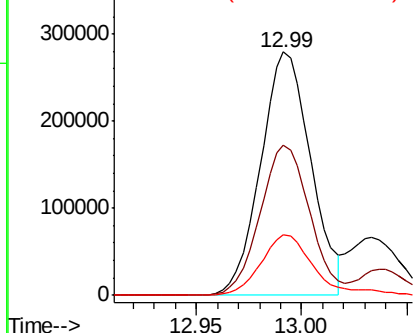
#83
 tert-Butylbenzene
 Concen: 53.150 ug/l
 RT: 12.99 min Scan# 3489
 Delta R.T. 0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.0	30.9	92.8
134	26.4	13.3	39.8

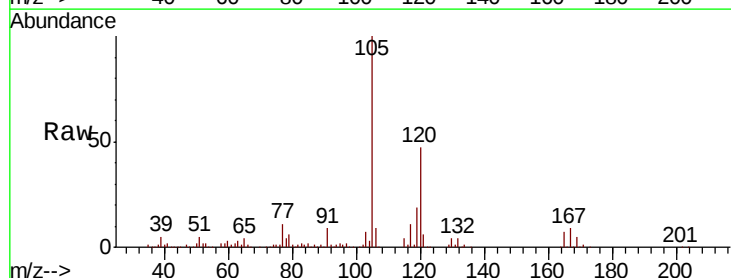


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

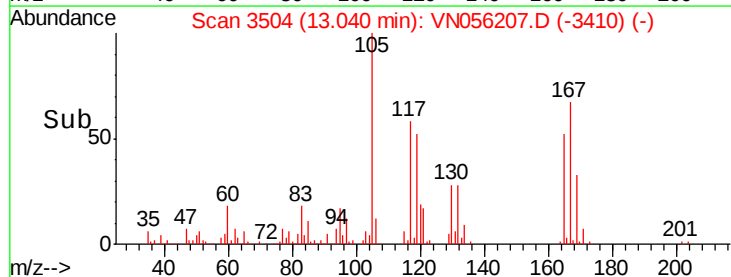
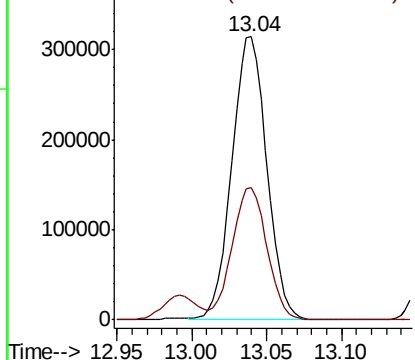


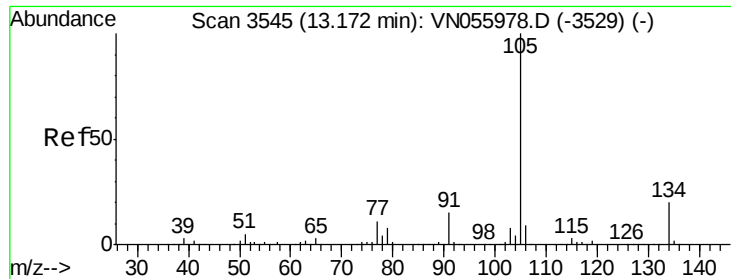
#84
 1,2,4-Trimethylbenzene
 Concen: 47.864 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	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: 47.001 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

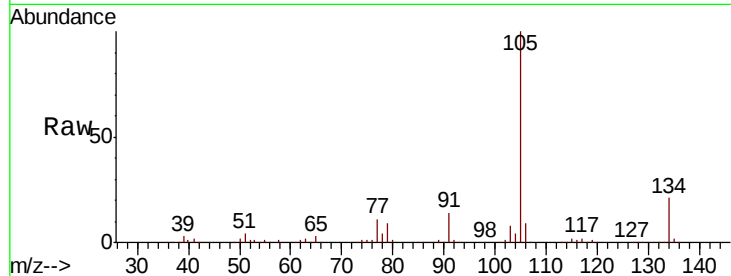
VSTDCCC050EC

Tot Ion:105 Resp: 589047

Ion Ratio Lower Upper

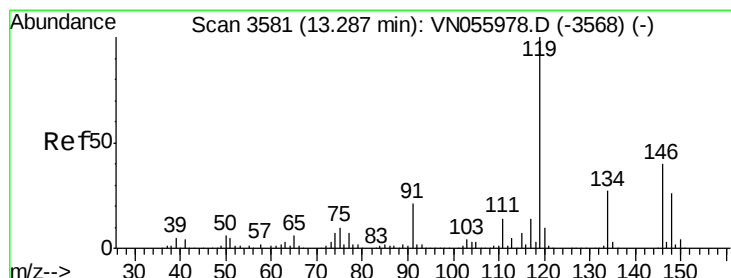
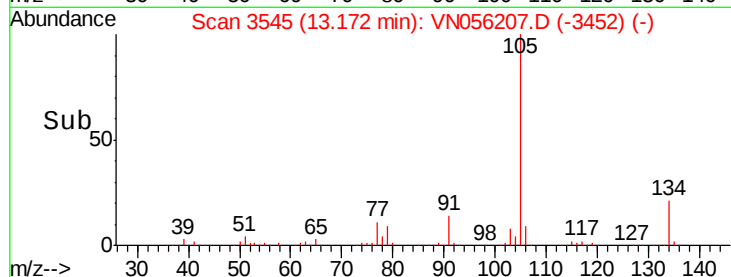
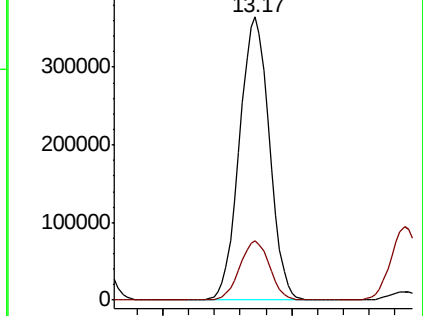
105 100

134 21.0 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: 47.133 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

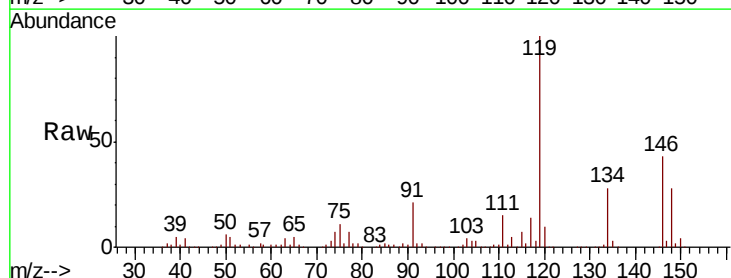
Tgt Ion:119 Resp: 528649

Ion Ratio Lower Upper

119 100

134 27.6 13.4 40.1

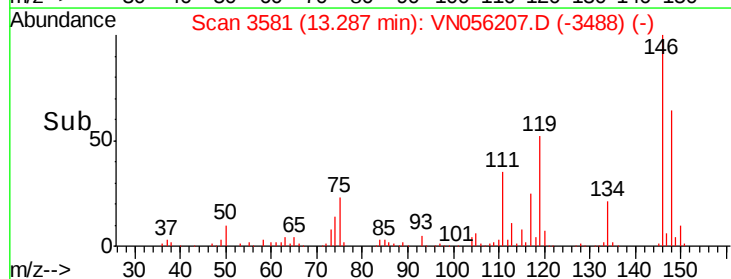
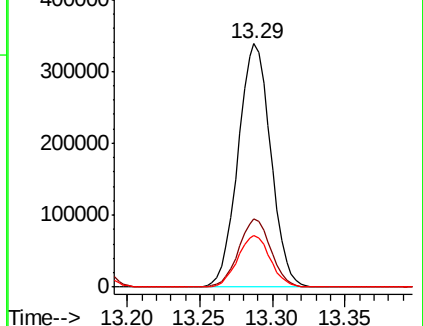
91 21.0 10.9 32.9

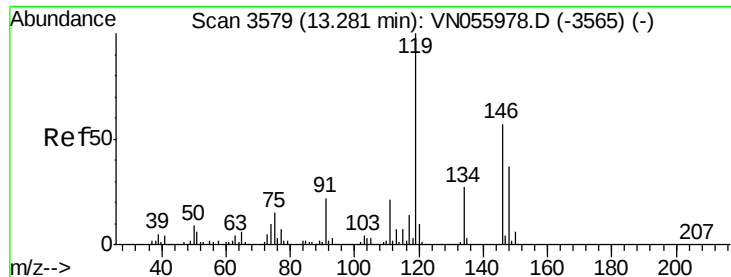


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.207 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

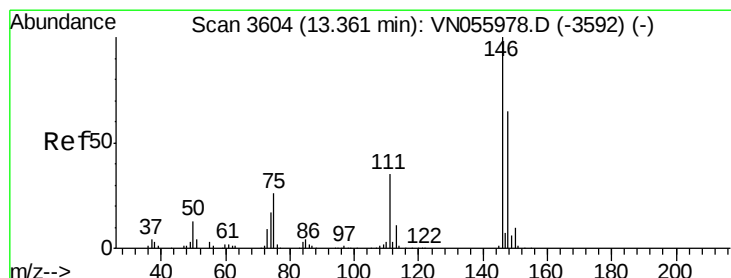
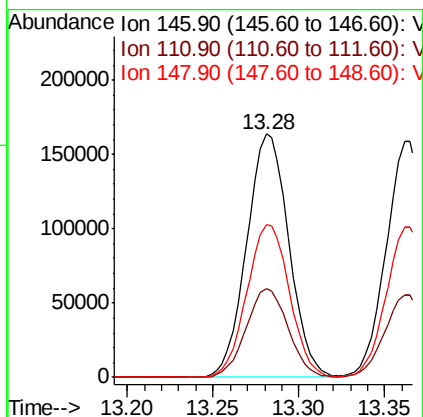
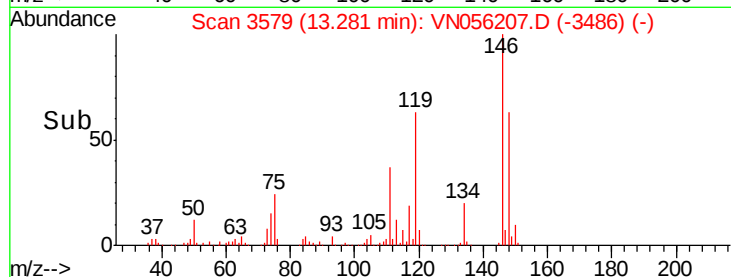
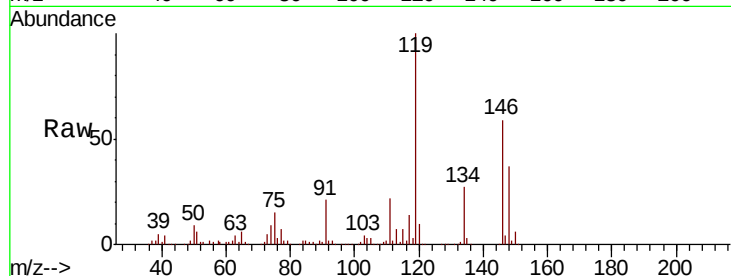
Tot Ion:146 Resp: 278296

Ion Ratio Lower Upper

146 100

111 36.4 18.5 55.5

148 63.5 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 49.855 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

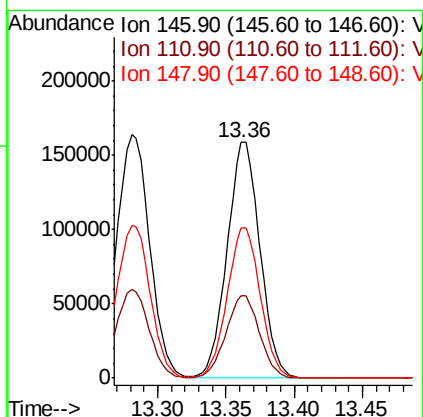
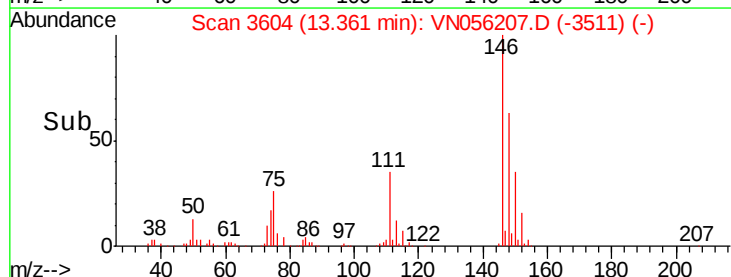
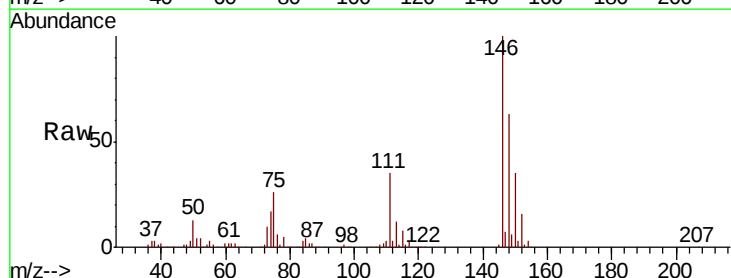
Tgt Ion:146 Resp: 265833

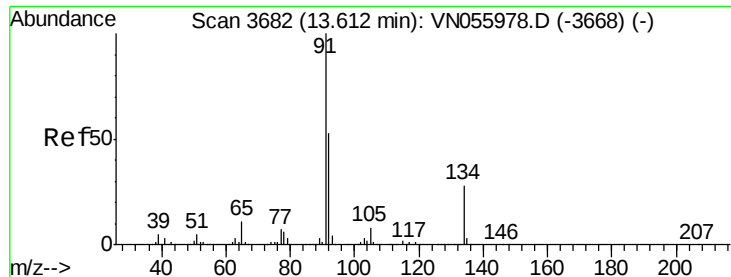
Ion Ratio Lower Upper

146 100

111 35.8 18.1 54.4

148 64.2 32.1 96.5

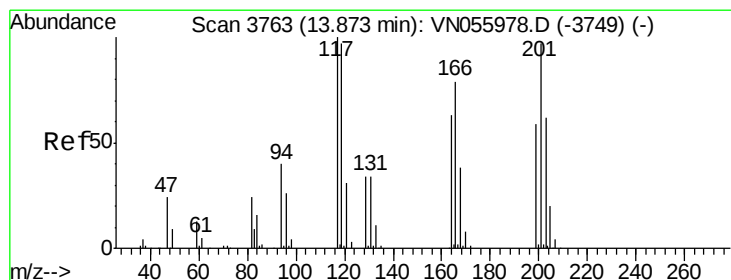
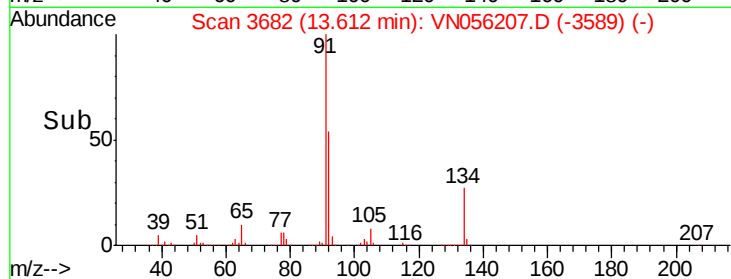
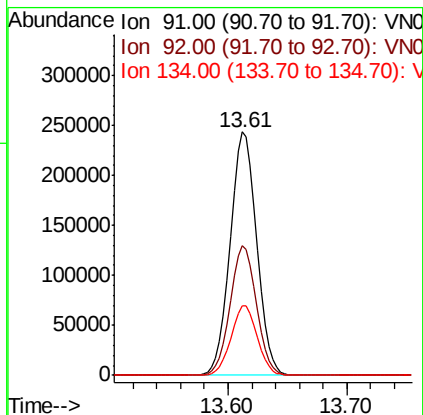
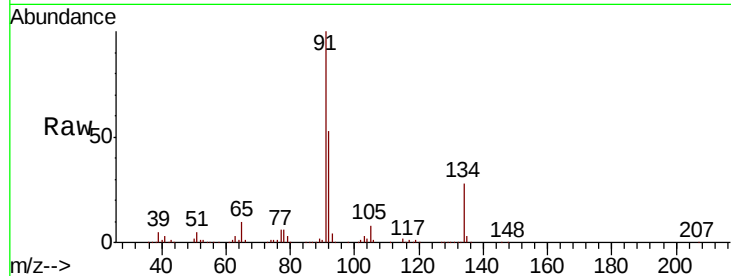




#89
n-Butylbenzene
Concen: 45.278 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

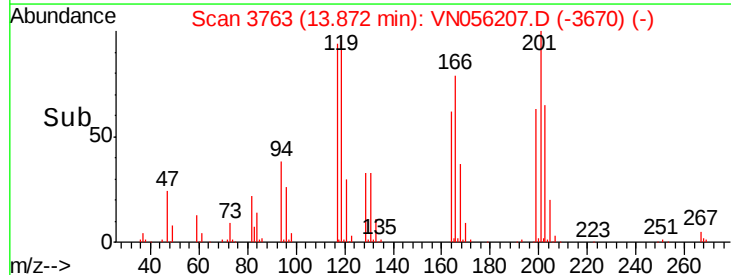
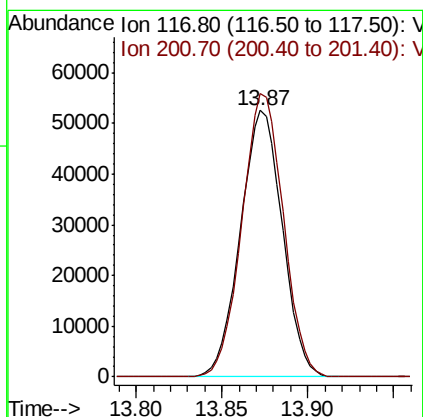
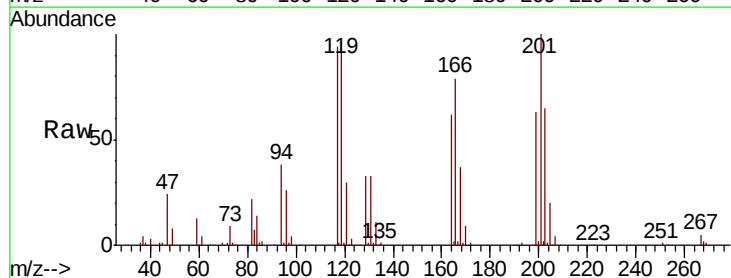
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

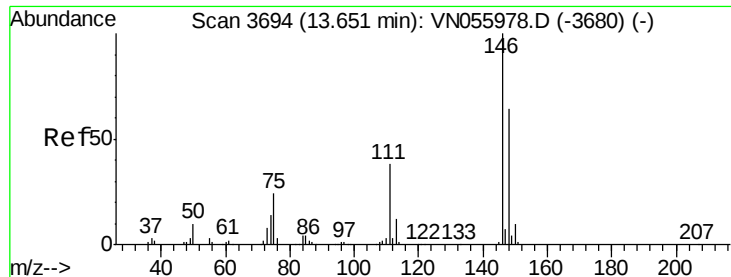
Tot Ion: 91 Resp: 376204
Ion Ratio Lower Upper
91 100
92 52.9 26.4 79.0
134 28.3 13.9 41.7



#90
Hexachloroethane
Concen: 52.503 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN056207.D
Acq: 11 Jun 2019 8:06

Tgt Ion: 117 Resp: 88809
Ion Ratio Lower Upper
117 100
201 105.2 50.0 150.0

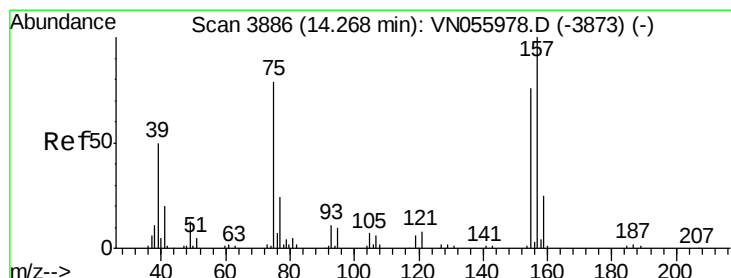
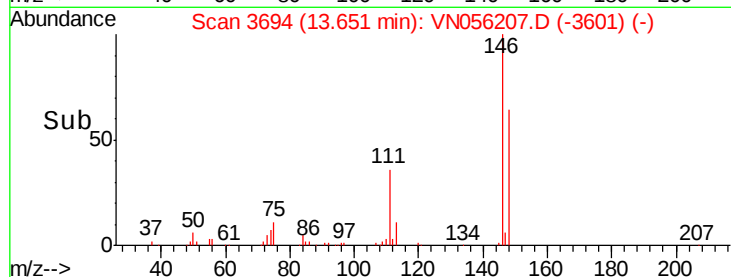
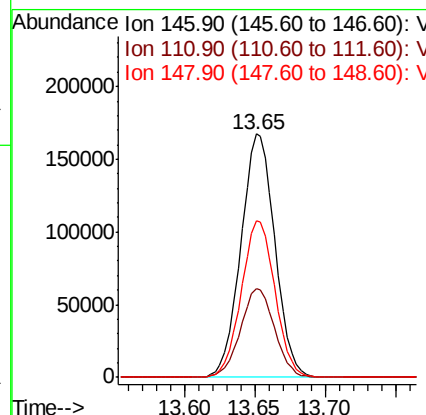
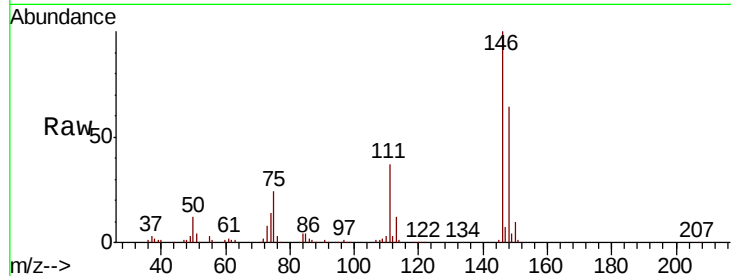




#91
 1,2-Dichlorobenzene
 Concen: 50.431 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

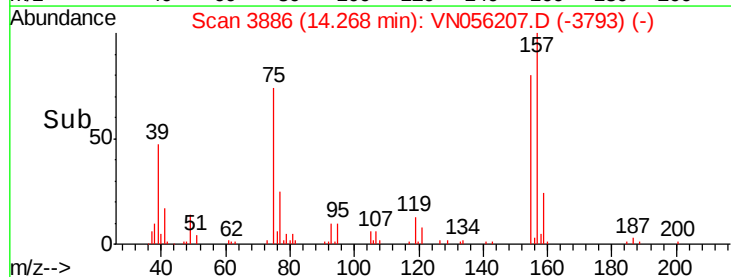
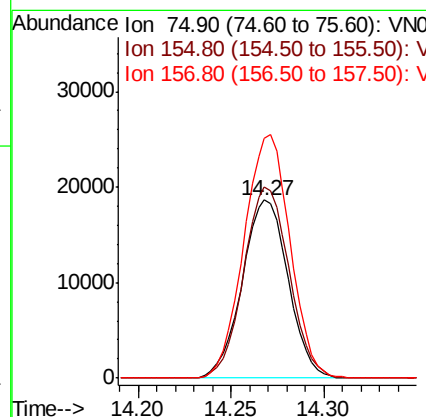
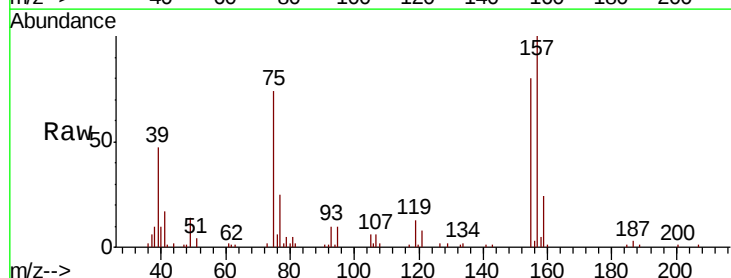
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

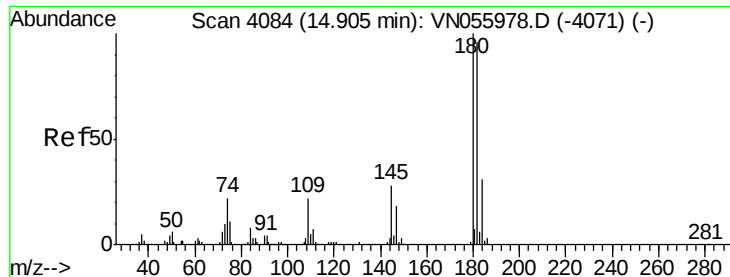
Tot Ion:146 Resp: 282222
 Ion Ratio Lower Upper
 146 100
 111 36.6 19.1 57.5
 148 63.7 31.9 95.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 58.114 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion: 75 Resp: 32278
 Ion Ratio Lower Upper
 75 100
 155 105.9 50.0 150.1
 157 136.8 64.8 194.3

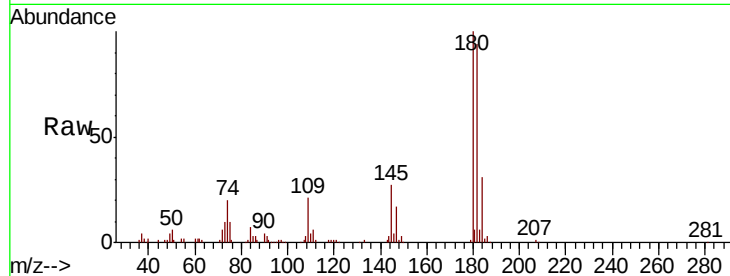




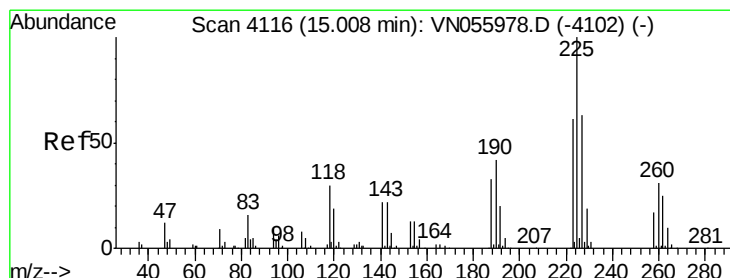
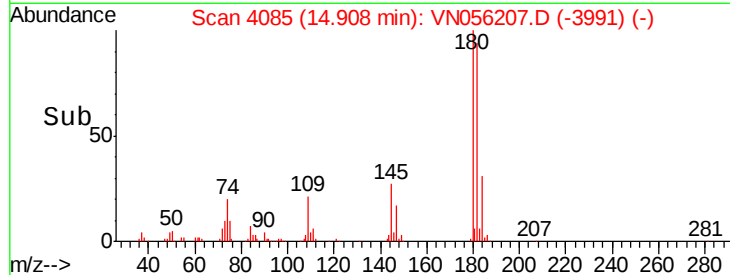
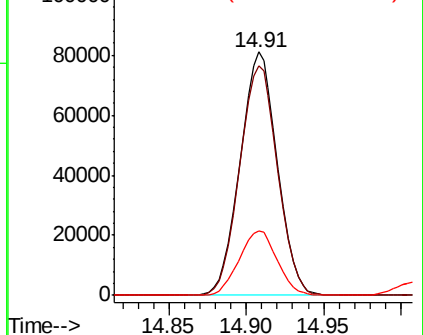
#93
 1,2,4-Trichlorobenzene
 Concen: 44.339 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 135105
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.3 144.9
 145 27.1 14.0 41.9

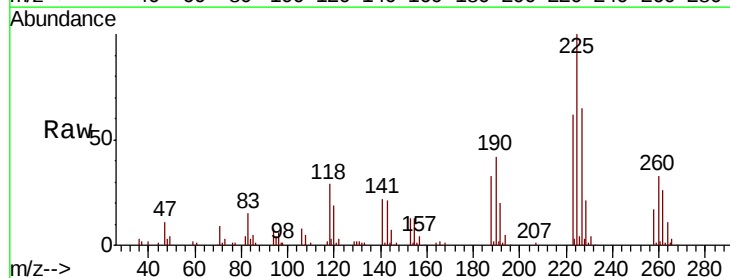


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

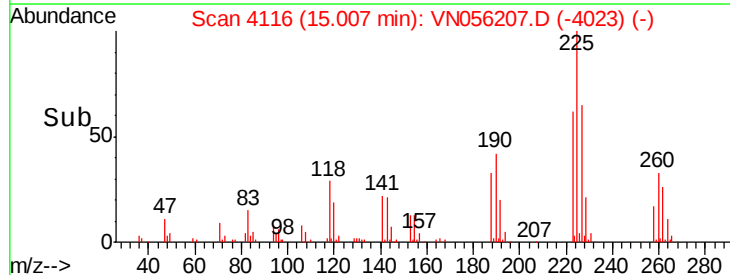
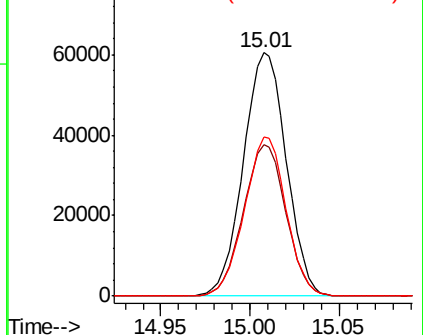


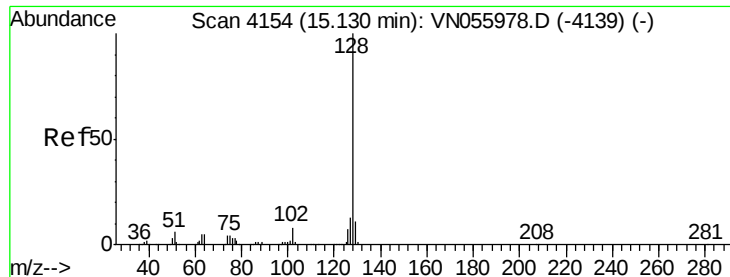
#94
 Hexachlorobutadiene
 Concen: 53.105 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN056207.D
 Acq: 11 Jun 2019 8:06

Tgt Ion:225 Resp: 101681
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.7
 227 63.3 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: 45.511 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

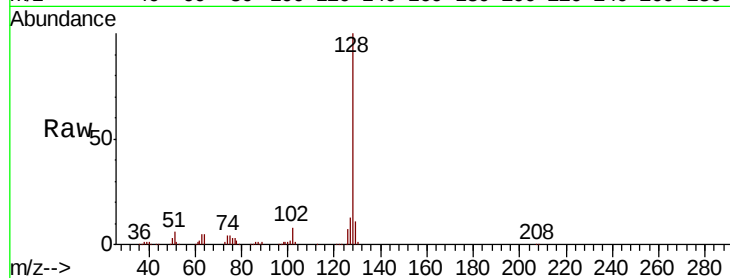
Tot Ion:128 Resp: 361134

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

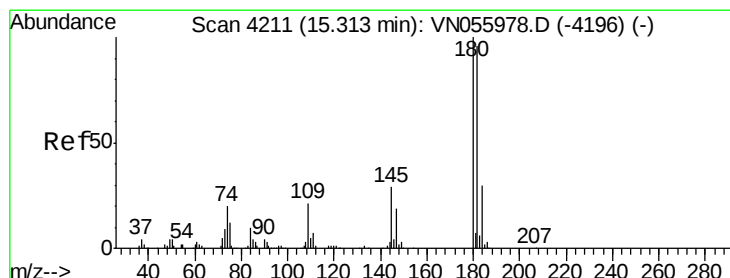
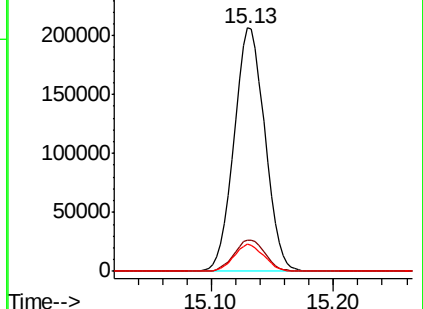
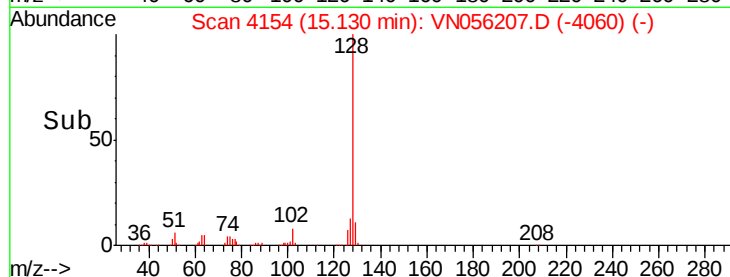
129 10.9 8.7 13.1



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: 48.232 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN056207.D

Acq: 11 Jun 2019 8:06

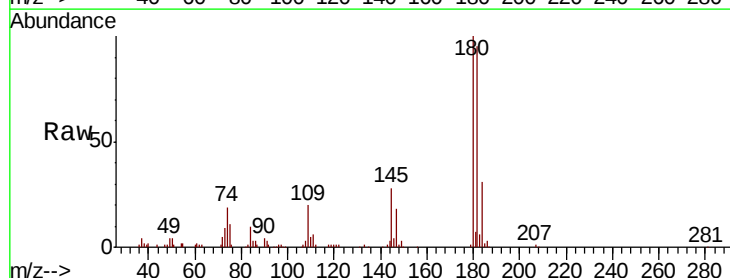
Tgt Ion:180 Resp: 151226

Ion Ratio Lower Upper

180 100

182 96.0 47.9 143.7

145 28.7 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

