

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052956.D
 Acq On : 18 Dec 2018 12:42
 Operator : MD\SY
 Sample : VSTDICC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Jan 11 03:27:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1087149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1670155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1499537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	741124	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	1688038	153.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.02%	
35) Dibromofluoromethane	7.59	113	1288841	168.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.86%	
50) Toluene-d8	10.09	98	6266117	152.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.98%	
62) 4-Bromofluorobenzene	12.40	95	2207280	153.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	307.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	1576178	143.253	ug/l	100
3) Chloromethane	2.06	50	1913893	143.545	ug/l	99
4) Vinyl Chloride	2.19	62	1966880	145.659	ug/l	100
5) Bromomethane	2.56	94	1278537	136.661	ug/l	100
6) Chloroethane	2.70	64	1147262	143.455	ug/l	99
7) Trichlorofluoromethane	3.02	101	2451725	145.748	ug/l	99
8) Diethyl Ether	3.41	74	936374	147.552	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.76	101	1540996	143.678	ug/l	98
10) Methyl Iodide	3.96	142	2396005	159.077	ug/l	99
11) Tert butyl alcohol	4.77	59	517833	769.256	ug/l	99
12) 1,1-Dichloroethene	3.74	96	1513615	146.074	ug/l	99
13) Acrolein	3.60	56	493705	808.847	ug/l	99
14) Allyl chloride	4.32	41	2534153	157.887	ug/l	95
15) Acrylonitrile	4.98	53	2735083	731.357	ug/l	99
16) Acetone	3.81	43	1609713	744.160	ug/l	97
17) Carbon Disulfide	4.06	76	4750119	140.566	ug/l	99
18) Methyl Acetate	4.32	43	1506663	151.409	ug/l	99
19) Methyl tert-butyl Ether	5.04	73	4137887	149.224	ug/l	98
20) Methylene Chloride	4.55	84	1684226	142.736	ug/l	98
21) trans-1,2-Dichloroethene	5.04	96	1604932	144.160	ug/l	99
22) Diisopropyl ether	5.95	45	5065156	147.846	ug/l	97
23) Vinyl Acetate	5.89	43	14459091	733.951	ug/l	98
24) 1,1-Dichloroethane	5.85	63	2963897	145.589	ug/l	99
25) 2-Butanone	6.83	43	2807946	773.484	ug/l	97
26) 2,2-Dichloropropane	6.82	77	2271409	146.159	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	1852160	146.952	ug/l	99
28) Bromochloromethane	7.19	49	1320387	149.678	ug/l	95
29) Tetrahydrofuran	7.21	42	2019582	744.869	ug/l	98
30) Chloroform	7.37	83	2895964	144.808	ug/l	99
31) Cyclohexane	7.65	56	2816749	149.619	ug/l	99
32) 1,1,1-Trichloroethane	7.57	97	2512463	147.476	ug/l	99
36) 1,1-Dichloropropene	7.79	75	2329721	145.330	ug/l	100
37) Ethyl Acetate	6.93	43	1354584	151.366	ug/l	98
38) Carbon Tetrachloride	7.78	117	2217378	150.909	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	2857661	146.743	ug/l	98
40) Benzene	8.04	78	6917008	145.063	ug/l	99
41) Methacrylonitrile	7.17	41	783519	151.531	ug/l	95
42) 1,2-Dichloroethane	8.12	62	2011757	142.817	ug/l	99
43) Isopropyl Acetate	8.16	43	2559721	149.893	ug/l	98
44) Trichloroethene	8.83	130	2009043	145.670	ug/l	97
45) 1,2-Dichloropropane	9.12	63	1819065	146.463	ug/l	98
46) Dibromomethane	9.21	93	1053532	145.613	ug/l	99
47) Bromodichloromethane	9.40	83	2279016	148.184	ug/l	99
48) Methyl methacrylate	9.20	41	1308139	150.639	ug/l	99
49) 1,4-Dioxane	9.20	88	322603	2936.822	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	6456526	745.001	ug/l	99
52) Toluene	10.16	92	4325794	146.364	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	2475565	153.075	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	2809889	151.370	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	1503745	145.841	ug/l	99
56) Ethyl methacrylate	10.43	69	2100762	153.932	ug/l	97
57) 1,3-Dichloropropane	10.71	76	2594629	146.745	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	5815085	776.135	ug/l	99
59) 2-Hexanone	10.75	43	4367936	744.927	ug/l	99
60) Dibromochloromethane	10.90	129	1761991	149.289	ug/l	100
61) 1,2-Dibromoethane	11.01	107	1567099	149.650	ug/l	100
64) Tetrachloroethene	10.63	164	2304754	141.889	ug/l	99
65) Chlorobenzene	11.43	112	4800142	144.406	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	1716737	148.516	ug/l	100
67) Ethyl Benzene	11.51	91	8337345	145.847	ug/l	100
68) m/p-Xylenes	11.62	106	6318955	290.772	ug/l	98
69) o-Xylene	11.95	106	3049579	146.240	ug/l	100
70) Styrene	11.96	104	5086867	149.598	ug/l	99
71) Bromoform	12.13	173	1256875	150.513	ug/l #	100
73) Isopropylbenzene	12.25	105	8073573	139.232	ug/l	99
74) N-amyl acetate	12.07	43	2366109	146.971	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	1563502	137.438	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	2417126	193.741	ug/l #	100
77) Bromobenzene	12.53	156	2098321	139.209	ug/l	99
78) n-propylbenzene	12.59	91	9335966	141.365	ug/l	99
79) 2-Chlorotoluene	12.68	91	5419325	132.387	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	6632760	140.334	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	613169	158.409	ug/l	92
82) 4-Chlorotoluene	12.77	91	5699823	142.239	ug/l	100
83) tert-Butylbenzene	12.99	119	5749803	137.553	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	6817868	143.493	ug/l	100
85) sec-Butylbenzene	13.17	105	7870762	139.208	ug/l	99
86) p-Isopropyltoluene	13.29	119	7063041	144.572	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	3810223	142.824	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	3778724	139.869	ug/l	99
89) n-Butylbenzene	13.62	91	6098913	145.107	ug/l	99
90) Hexachloroethane	13.88	117	1163814	155.234	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	3463548	137.948	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	277623	141.141	ug/l	99

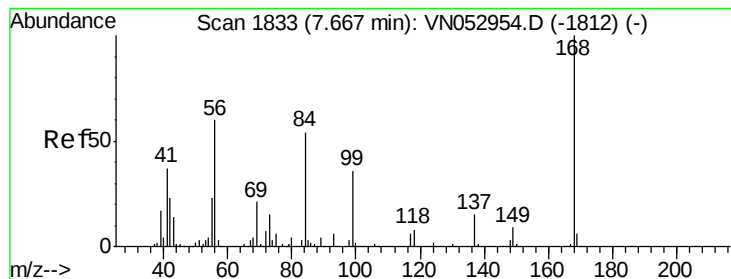
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	2032550	151.573	ug/l	100
94) Hexachlorobutadiene	15.01	225	981492	148.139	ug/l	99
95) Naphthalene	15.13	128	4489891	151.698	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	1830324	151.754	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

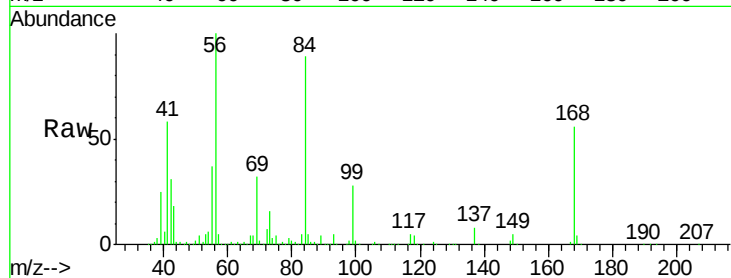
VSTDIC150

Tgt Ion:168 Resp: 1087149

Ion Ratio Lower Upper

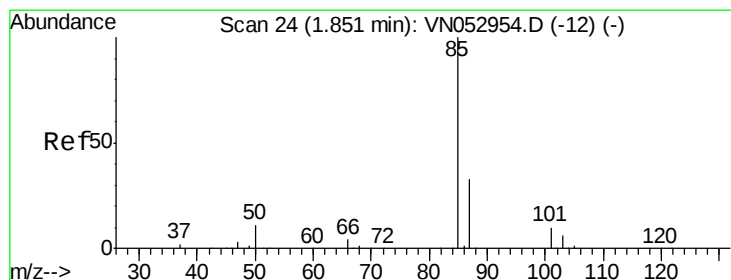
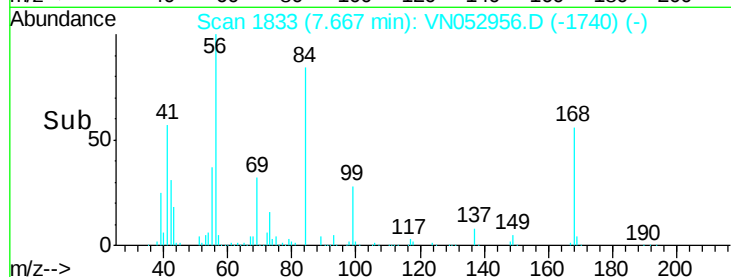
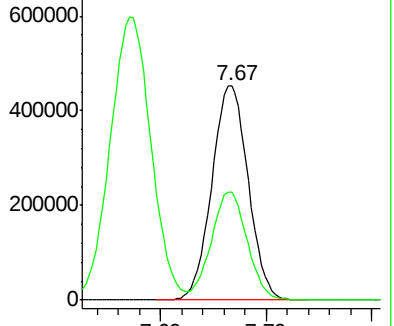
168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 143.253 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN052956.D

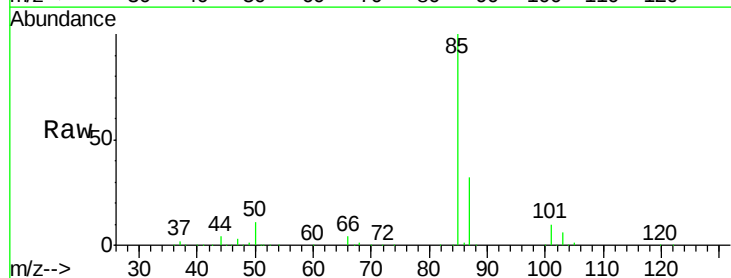
Acq: 18 Dec 2018 12:42

Tgt Ion: 85 Resp: 1576178

Ion Ratio Lower Upper

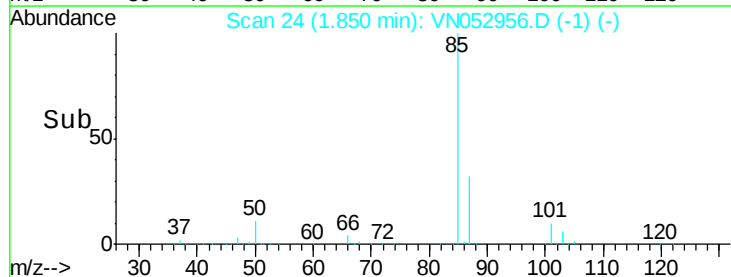
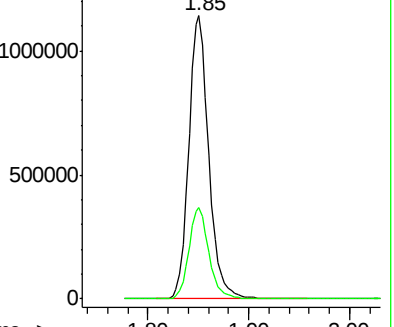
85 100

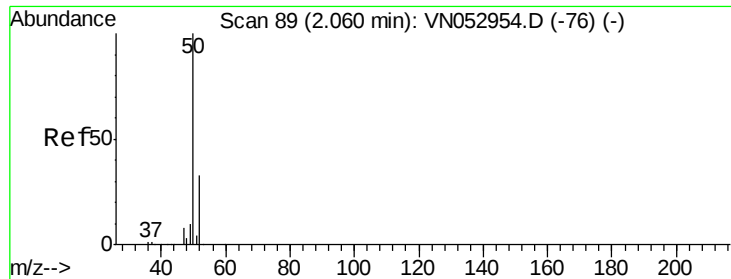
87 32.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 143.545 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

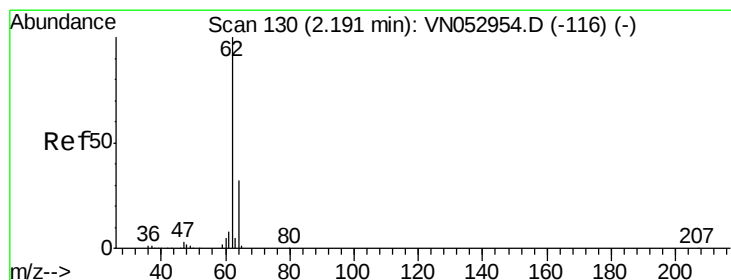
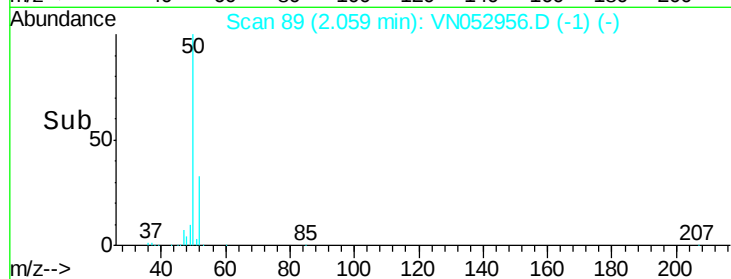
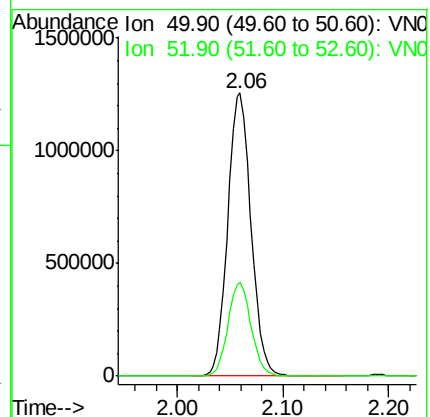
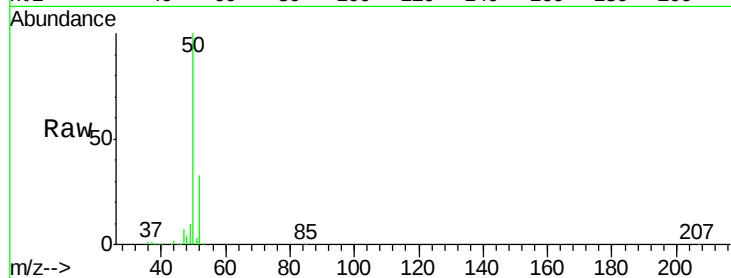
VSTDIC150

Tgt Ion: 50 Resp: 1913893

Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.4



#4

Vinyl Chloride

Concen: 145.659 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN052956.D

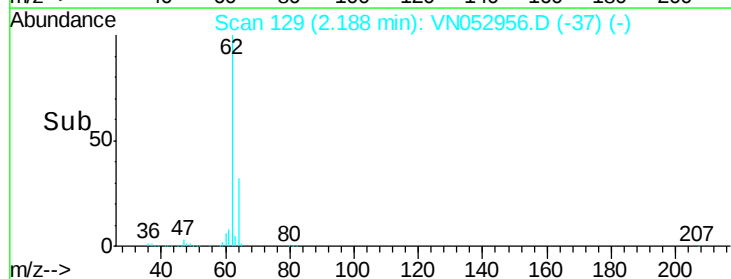
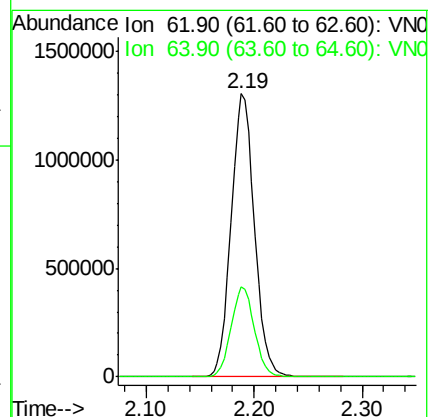
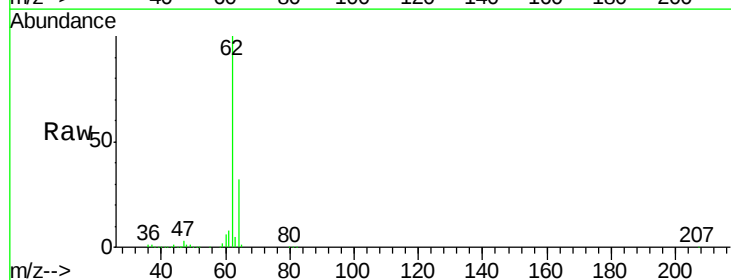
Acq: 18 Dec 2018 12:42

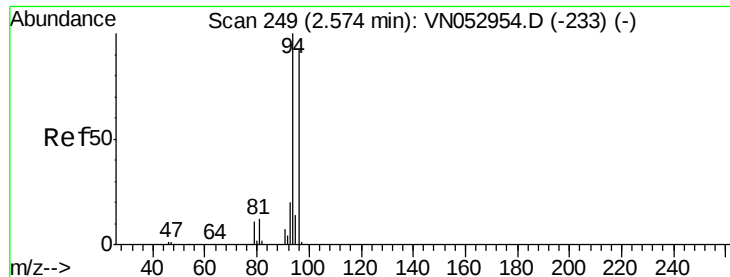
Tgt Ion: 62 Resp: 1966880

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 136.661 ug/l

RT: 2.56 min Scan# 244

Delta R.T. -0.02 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

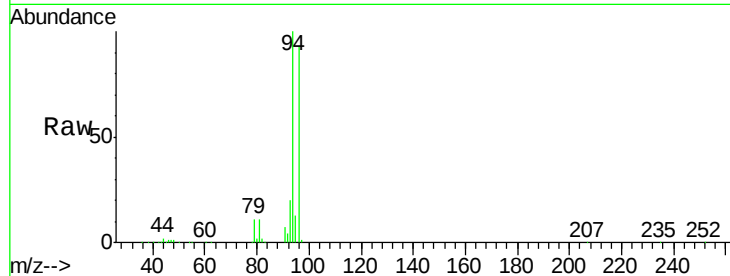
VSTDIC150

Tgt Ion: 94 Resp: 1278537

Ion Ratio Lower Upper

94 100

96 93.3 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO

2.56

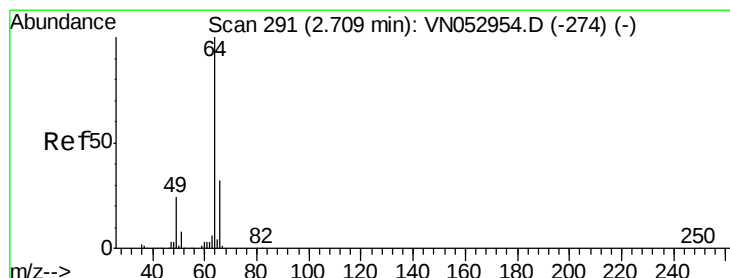
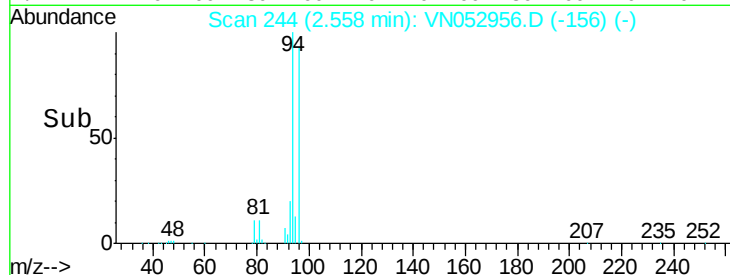
600000

400000

200000

0

Time-->



#6

Chloroethane

Concen: 143.455 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN052956.D

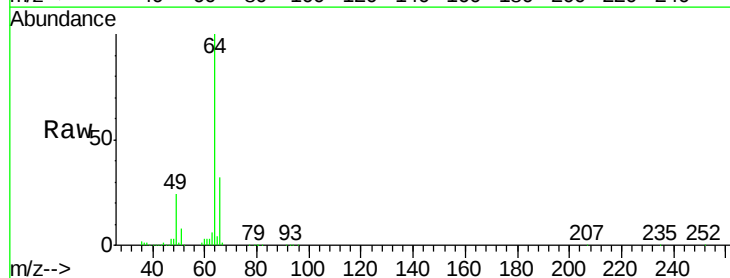
Acq: 18 Dec 2018 12:42

Tgt Ion: 64 Resp: 1147262

Ion Ratio Lower Upper

64 100

66 32.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO

2.70

600000

500000

400000

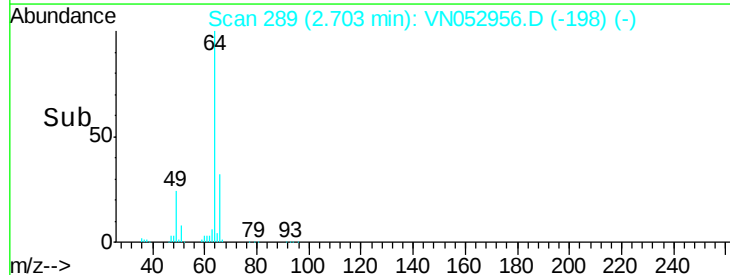
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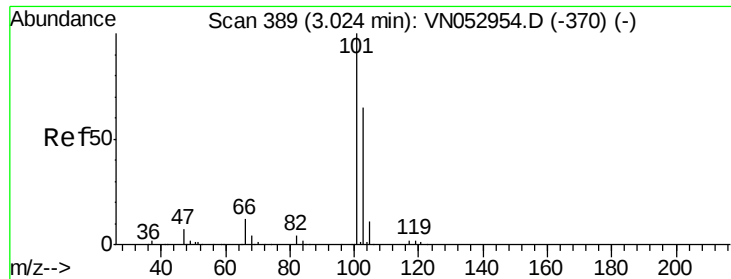
200000

100000

0

Time-->



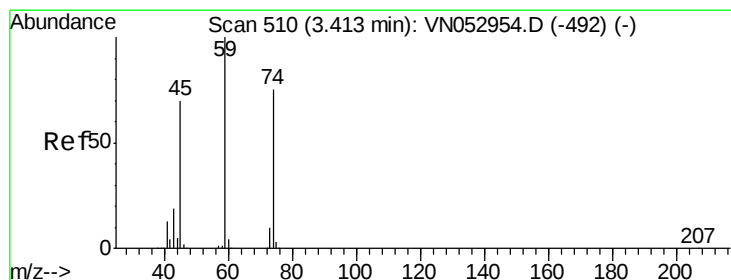
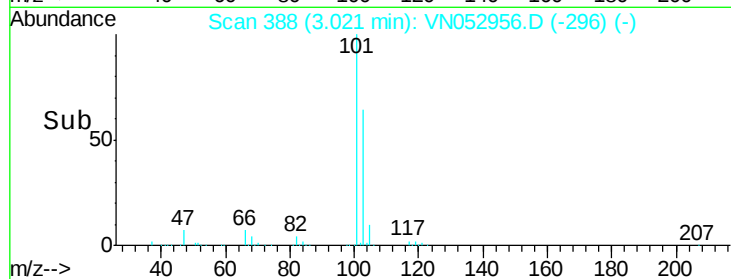
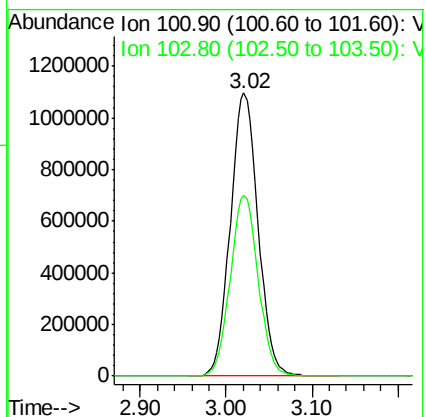
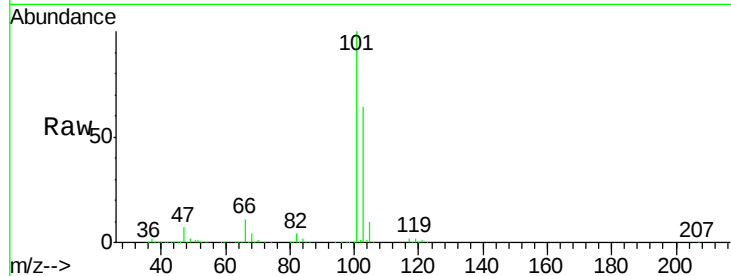


#7

Trichlorofluoromethane
 Concen: 145.748 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

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 VSTDIC150

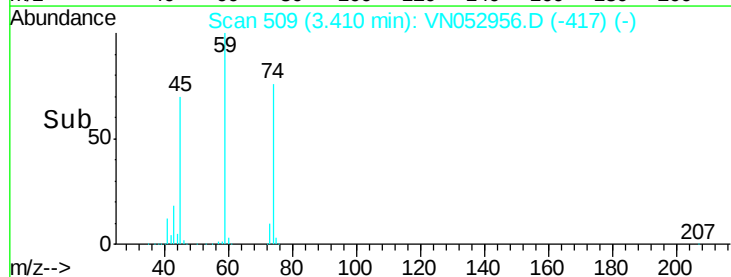
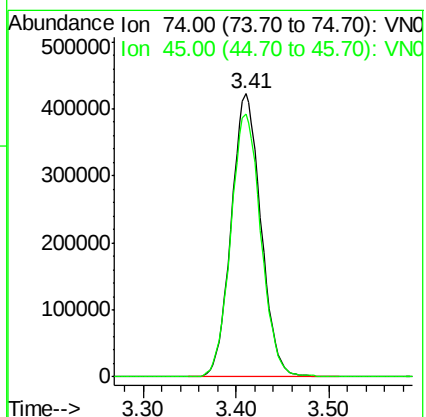
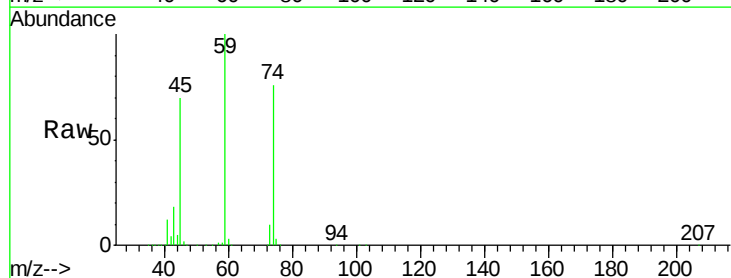
Tgt Ion:101 Resp: 2451725
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.8 77.6

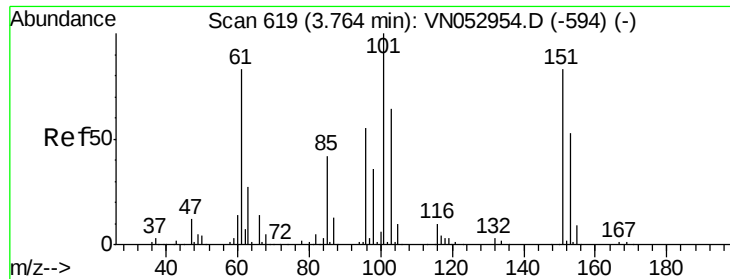


#8

Diethyl Ether
 Concen: 147.552 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion: 74 Resp: 936374
 Ion Ratio Lower Upper
 74 100
 45 94.6 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 143.678 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

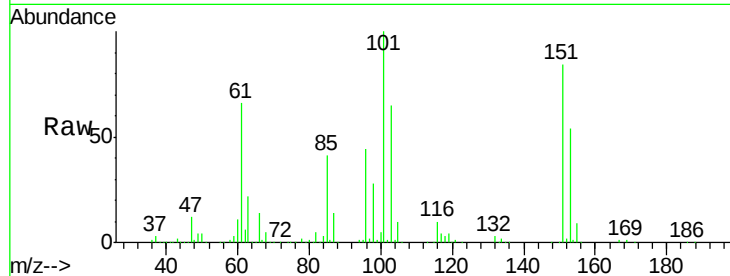
Tgt Ion:101 Resp: 1540996

Ion Ratio Lower Upper

101 100

85 41.0 33.6 50.4

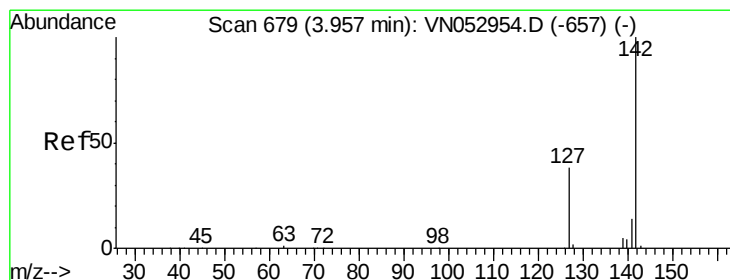
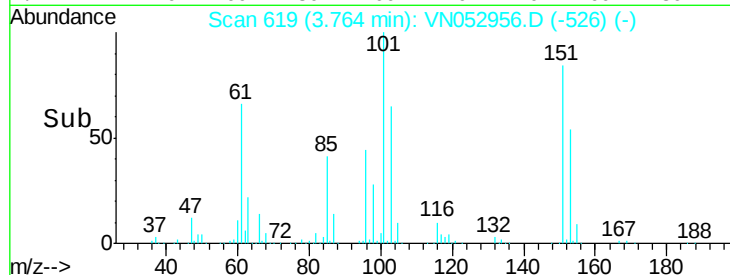
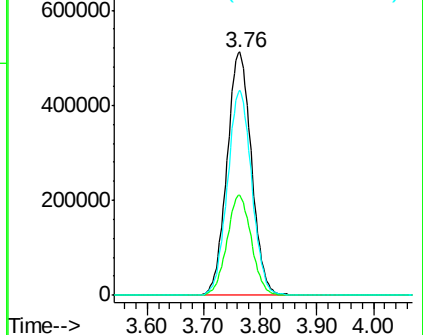
151 83.5 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 159.077 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

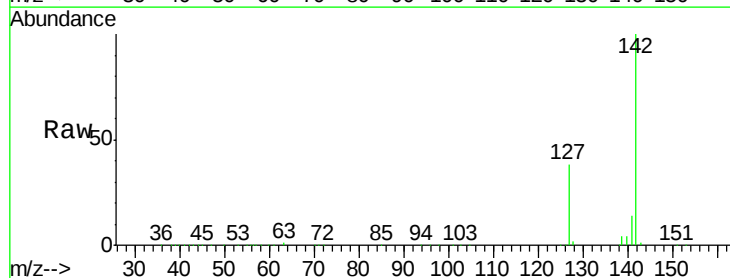
Tgt Ion:142 Resp: 2396005

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.6

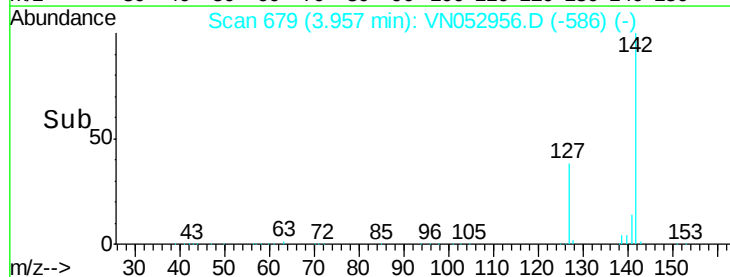
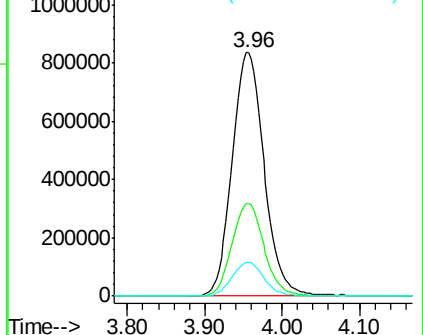
141 13.9 11.2 16.8

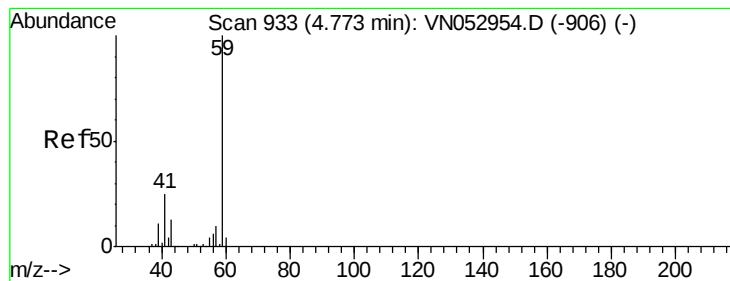


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 769.256 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

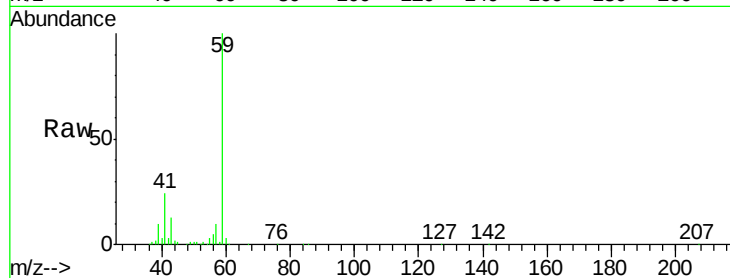
VSTDIC150

Tgt Ion: 59 Resp: 517833

Ion Ratio Lower Upper

59 100

57 10.1 7.7 11.5



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.77

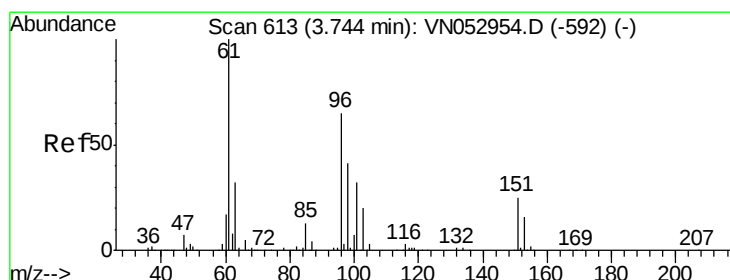
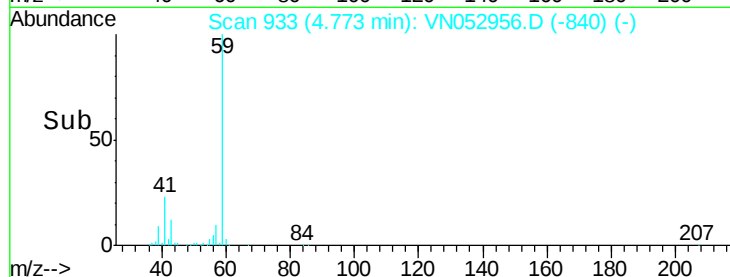
150000

100000

50000

0

Time--> 4.60 4.70 4.80 4.90



#12

1,1-Dichloroethene

Concen: 146.074 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

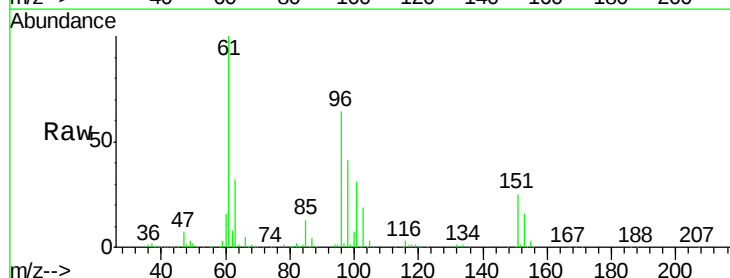
Tgt Ion: 96 Resp: 1513615

Ion Ratio Lower Upper

96 100

61 155.8 125.6 188.4

98 63.5 50.6 75.8



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

1200000

1000000

800000

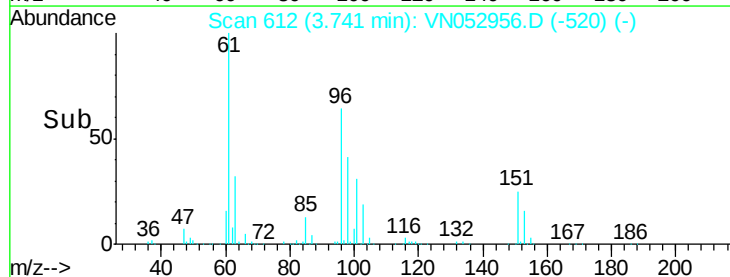
600000

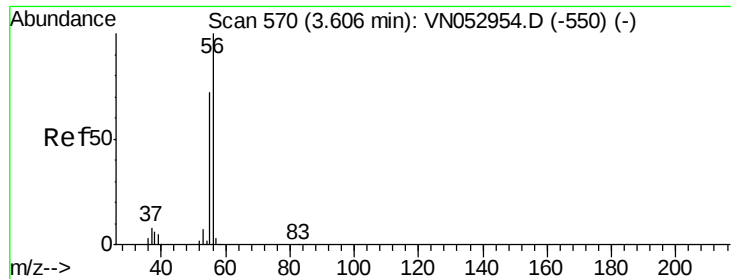
400000

200000

0

Time--> 3.60 3.70 3.80 3.90





#13

Acrolein

Concen: 808.847 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

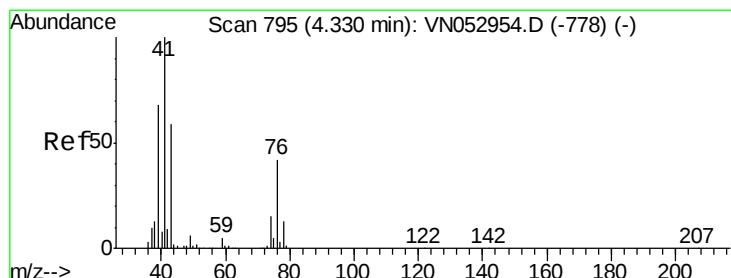
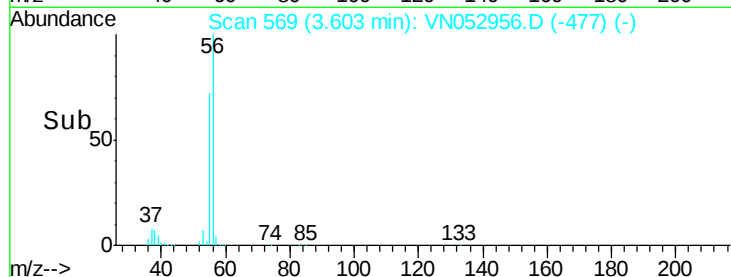
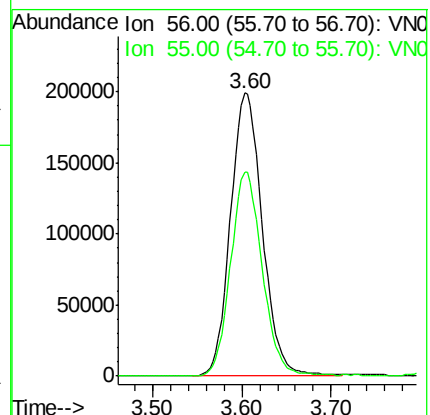
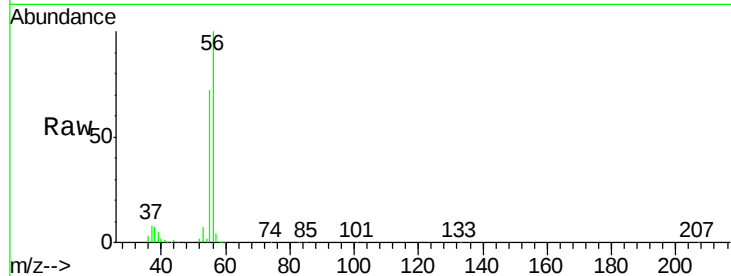
VSTDIC150

Tgt Ion: 56 Resp: 493705

Ion Ratio Lower Upper

56 100

55 71.6 56.6 85.0



#14

Allyl chloride

Concen: 157.887 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.01 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

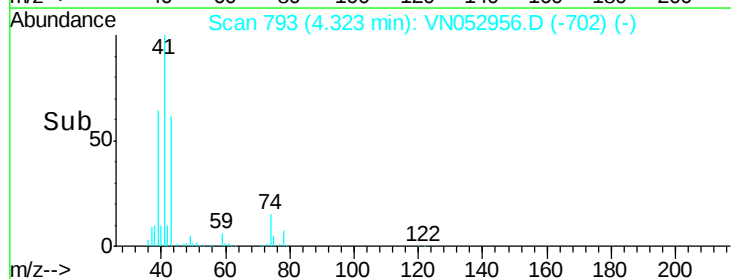
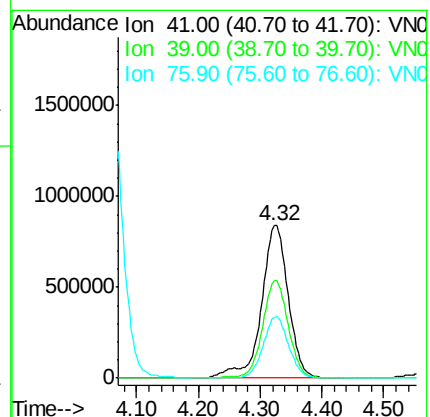
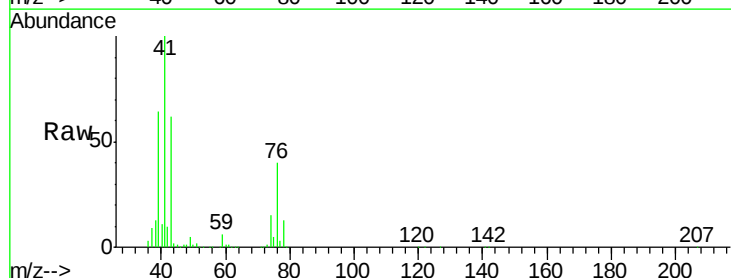
Tgt Ion: 41 Resp: 2534153

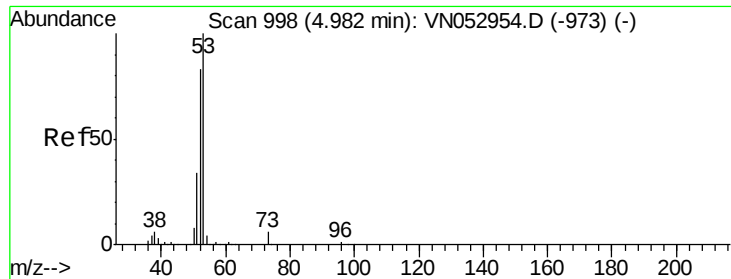
Ion Ratio Lower Upper

41 100

39 61.6 54.1 81.1

76 37.4 30.3 45.5





#15

Acrylonitrile

Concen: 731.357 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

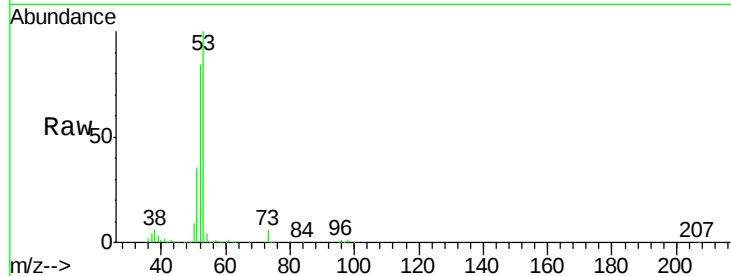
Tgt Ion: 53 Resp: 2735083

Ion Ratio Lower Upper

53 100

52 82.2 65.1 97.7

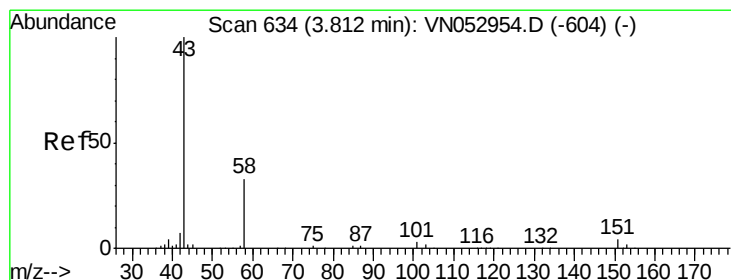
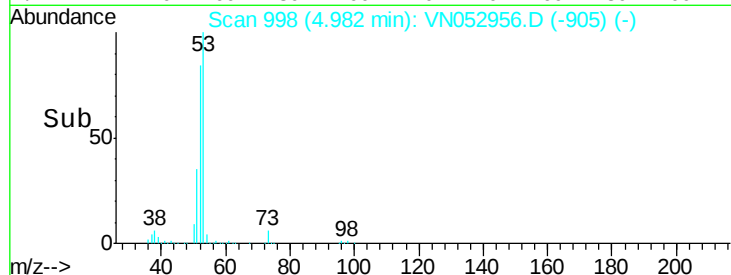
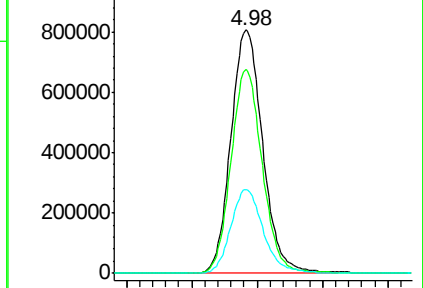
51 35.3 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN052954.D (-973) (-)

Ion 52.00 (51.70 to 52.70): VN052954.D (-973) (-)

Ion 51.00 (50.70 to 51.70): VN052954.D (-973) (-)



#16

Acetone

Concen: 744.160 ug/l

RT: 3.81 min Scan# 634

Delta R.T. -0.00 min

Lab File: VN052956.D

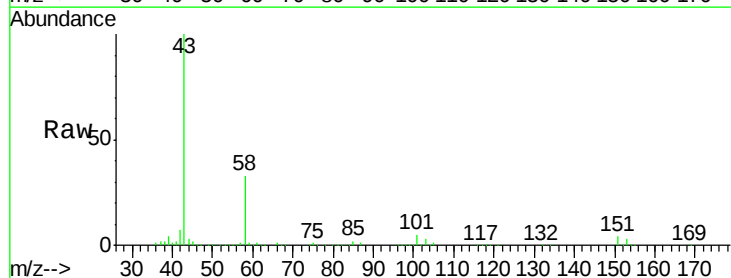
Acq: 18 Dec 2018 12:42

Tgt Ion: 43 Resp: 1609713

Ion Ratio Lower Upper

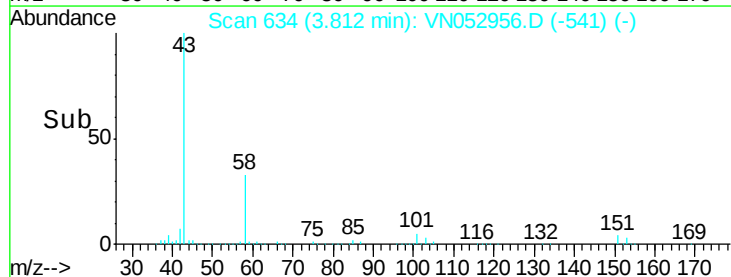
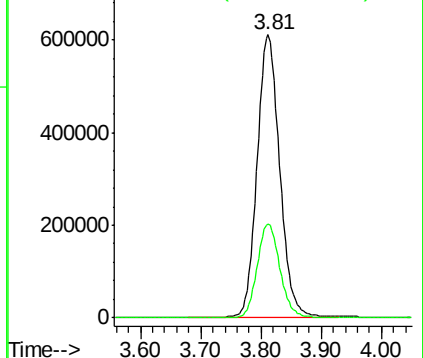
43 100

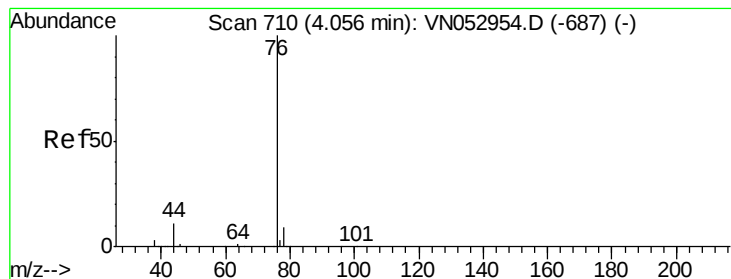
58 33.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN052954.D (-604) (-)





#17

Carbon Disulfide

Concen: 140.566 ug/l

RT: 4.06 min Scan# 710

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

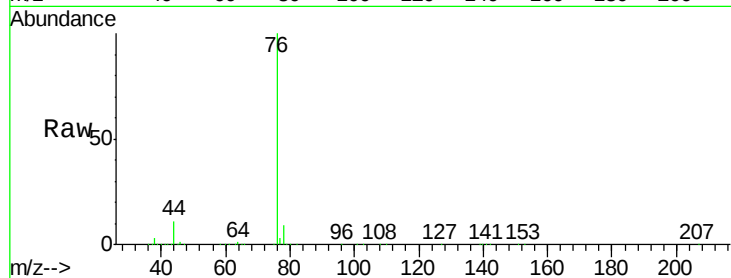
VSTDIC150

Tgt Ion: 76 Resp: 4750119

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN052956.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN052956.D (-617) (-)

4.06

2000000

1500000

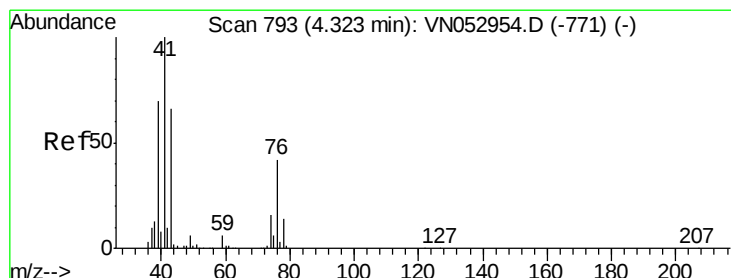
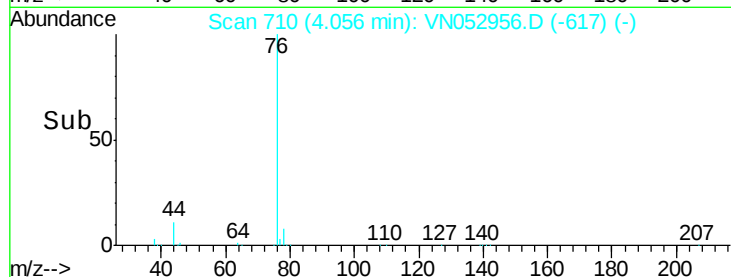
1000000

500000

0

Time-->

3.90 4.00 4.10 4.20



#18

Methyl Acetate

Concen: 151.409 ug/l

RT: 4.32 min Scan# 792

Delta R.T. -0.00 min

Lab File: VN052956.D

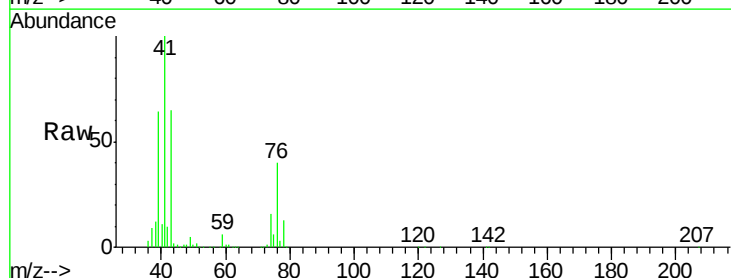
Acq: 18 Dec 2018 12:42

Tgt Ion: 43 Resp: 1506663

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN052956.D (-700) (-)

Ion 74.00 (73.70 to 74.70): VN052956.D (-700) (-)

4.32

600000

500000

400000

300000

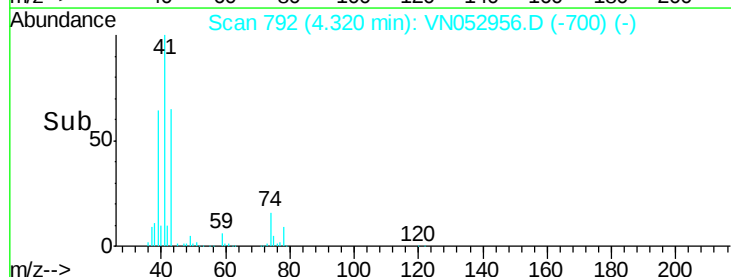
200000

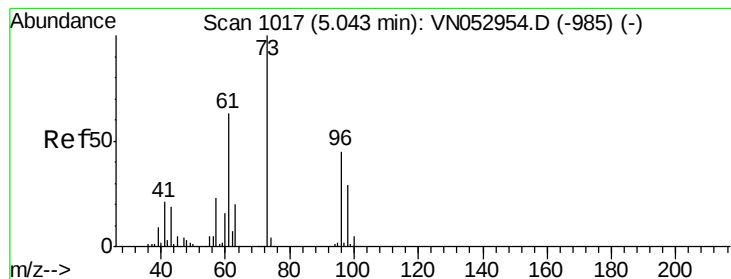
100000

0

Time-->

4.20 4.30 4.40 4.50



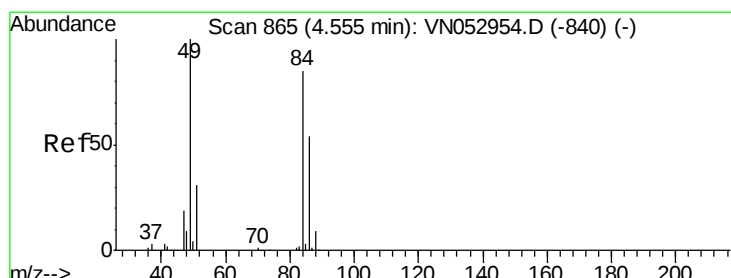
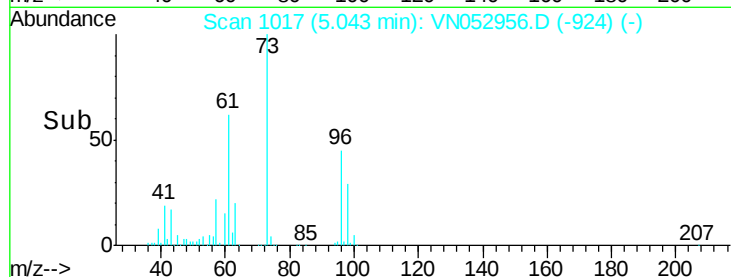
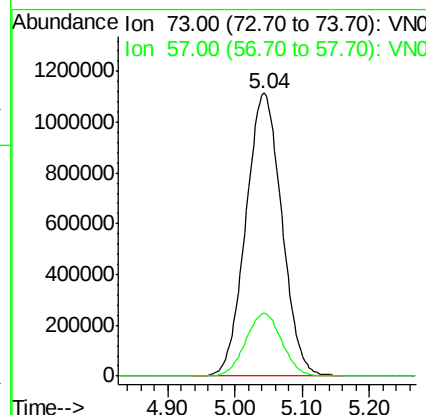
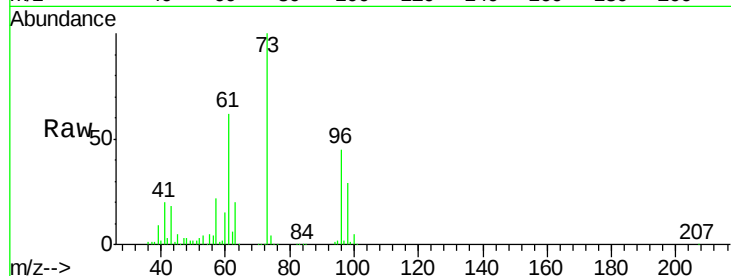


#19

Methyl tert-butyl Ether
 Concen: 149.224 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

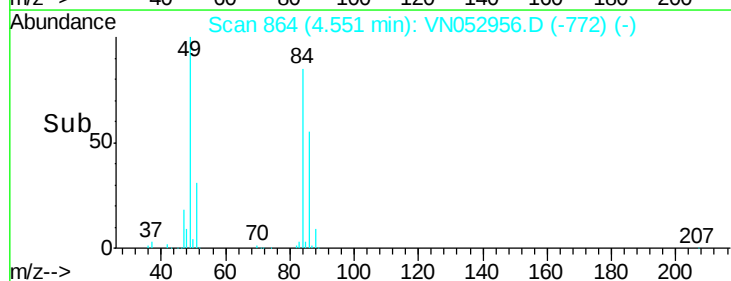
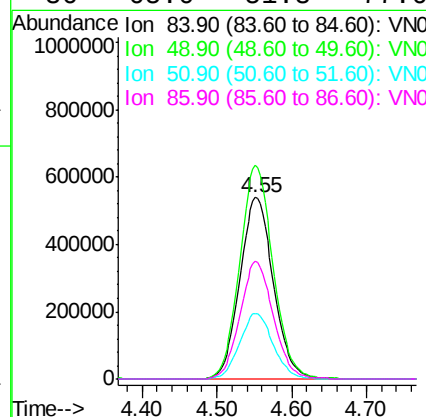
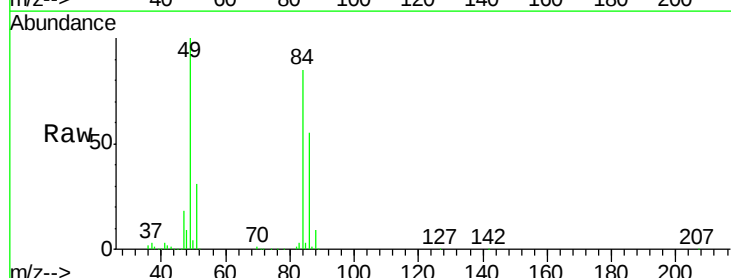
Tgt Ion: 73 Resp: 4137887
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.4 27.6

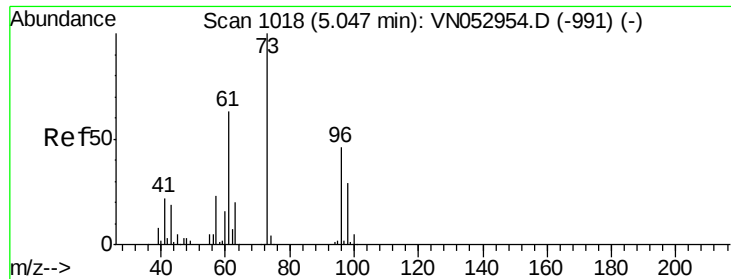


#20

Methylene Chloride
 Concen: 142.736 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion: 84 Resp: 1684226
 Ion Ratio Lower Upper
 84 100
 49 117.8 96.8 145.2
 51 36.2 29.9 44.9
 86 65.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 144.160 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

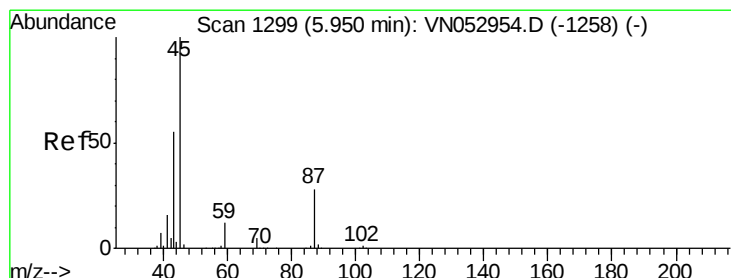
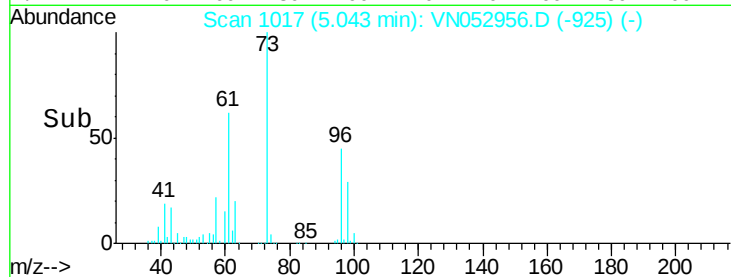
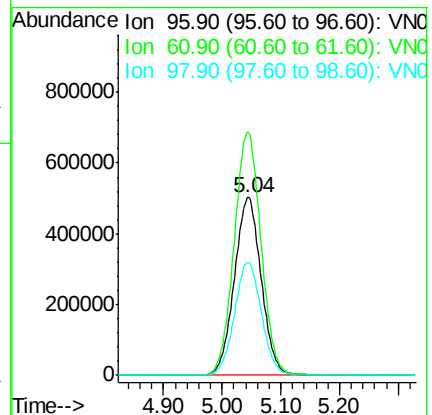
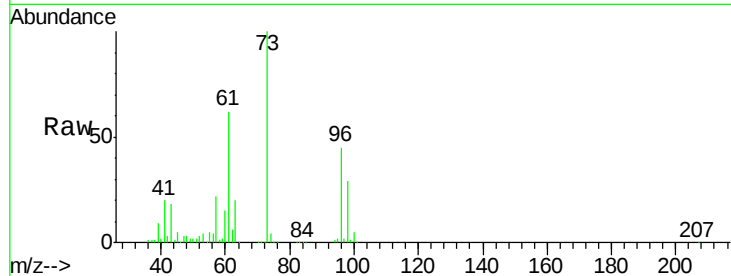
Tgt Ion: 96 Resp: 1604932

Ion Ratio Lower Upper

96 100

61 136.8 110.8 166.2

98 63.5 51.4 77.2



#22

Diisopropyl ether

Concen: 147.846 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Tgt Ion: 45 Resp: 5065156

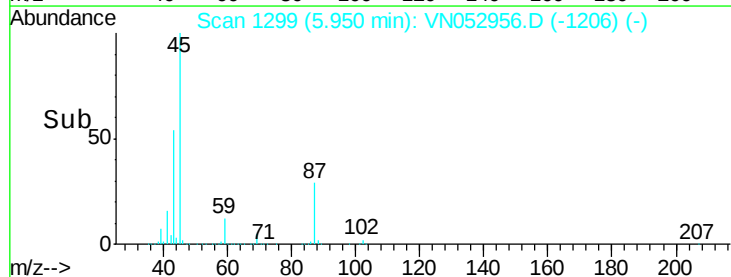
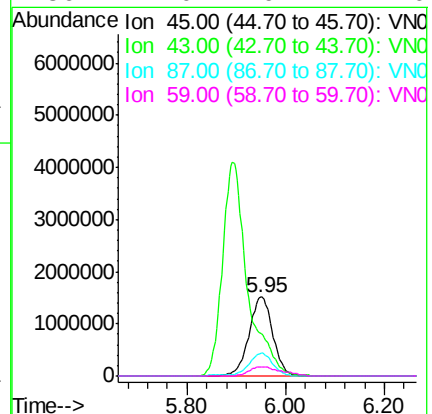
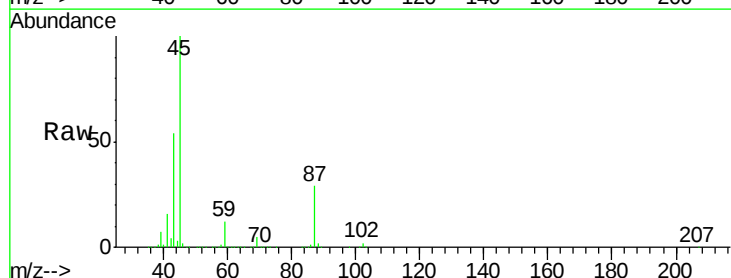
Ion Ratio Lower Upper

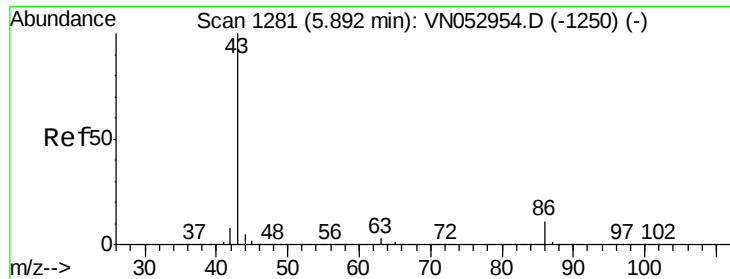
45 100

43 53.7 45.5 68.3

87 28.5 22.0 33.0

59 12.0 9.4 14.0





#23

Vinyl Acetate

Concen: 733.951 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

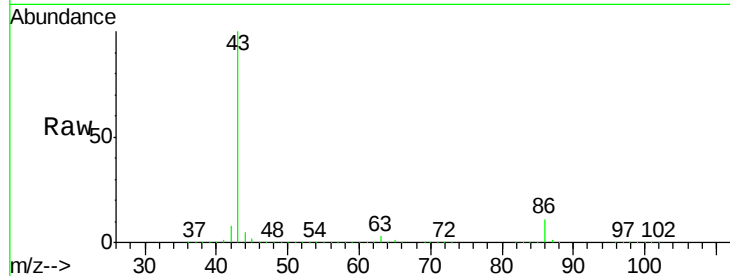
VSTDIC150

Tgt Ion: 43 Resp:14459091

Ion Ratio Lower Upper

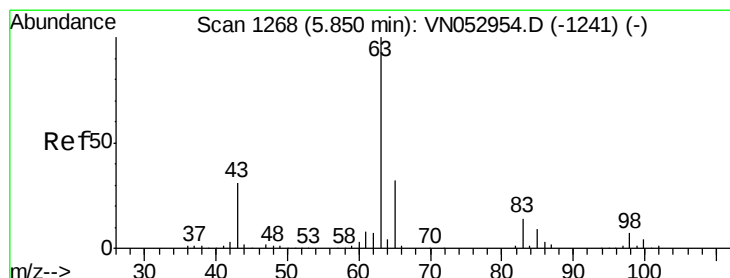
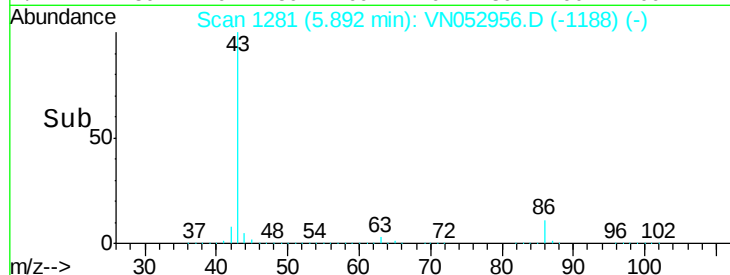
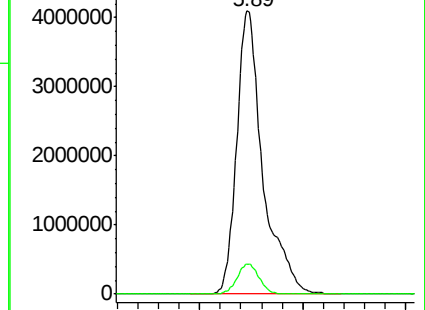
43 100

86 10.7 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN052956.D (-1188) (-)

Ion 86.00 (85.70 to 86.70): VN052956.D (-1188) (-)



#24

1,1-Dichloroethane

Concen: 145.589 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

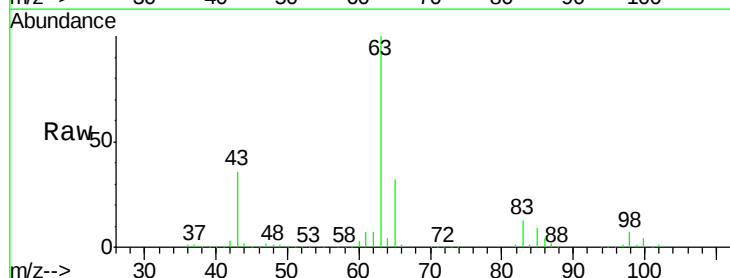
Tgt Ion: 63 Resp: 2963897

Ion Ratio Lower Upper

63 100

98 6.8 3.1 9.4

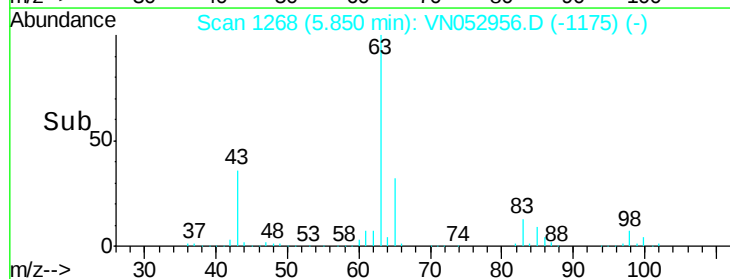
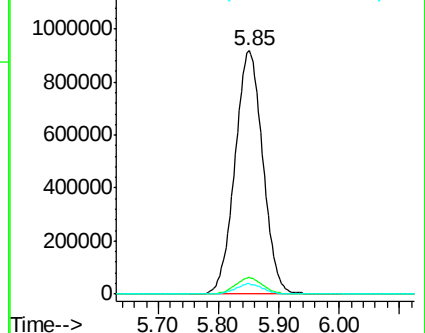
100 4.2 2.0 5.8

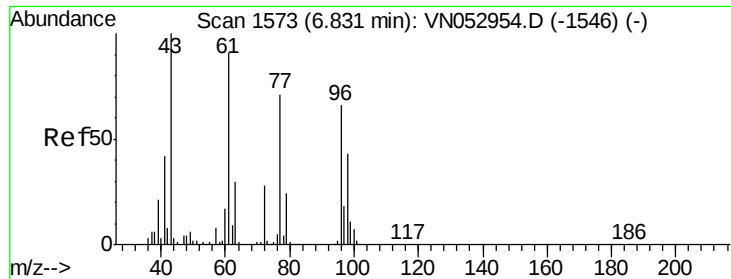


Abundance Ion 62.90 (62.60 to 63.60): VN052956.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN052956.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN052956.D (-1175) (-)





#25

2-Butanone

Concen: 773.484 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

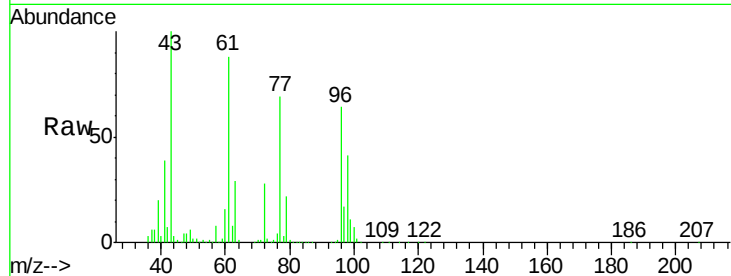
VSTDIC150

Tgt Ion: 43 Resp: 2807946

Ion Ratio Lower Upper

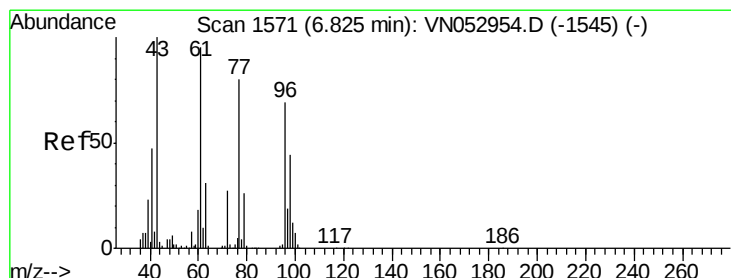
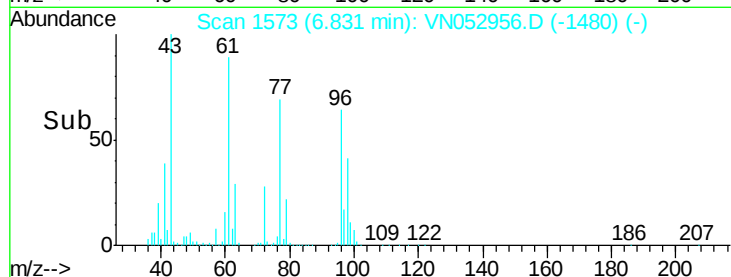
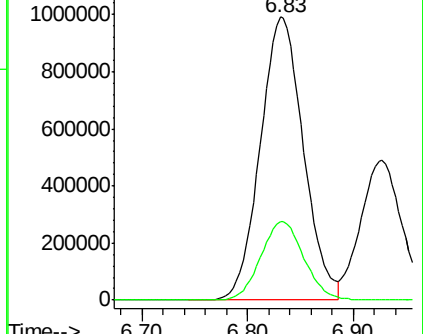
43 100

72 27.6 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 146.159 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN052956.D

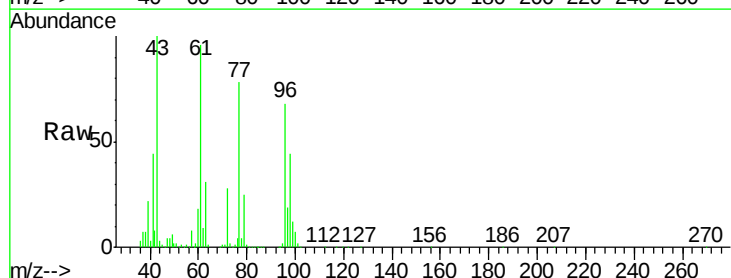
Acq: 18 Dec 2018 12:42

Tgt Ion: 77 Resp: 2271409

Ion Ratio Lower Upper

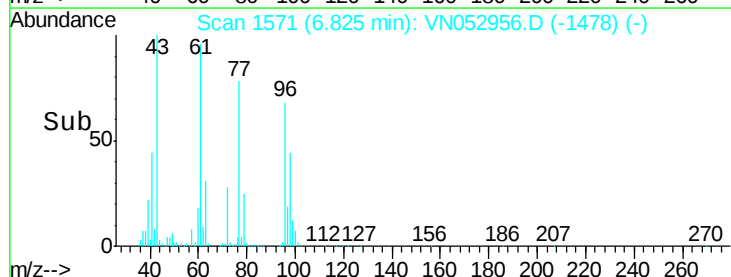
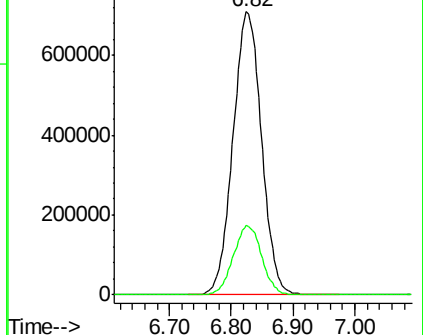
77 100

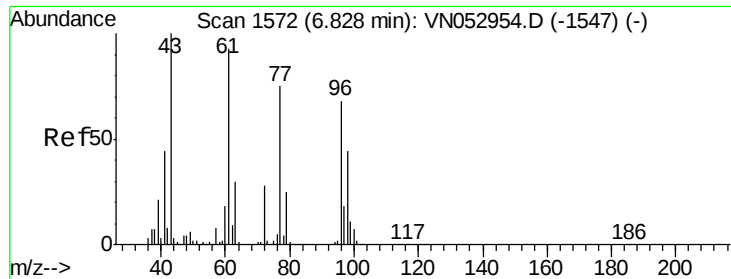
97 24.3 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 146.952 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

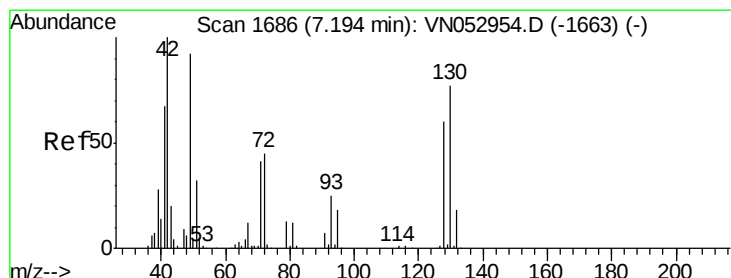
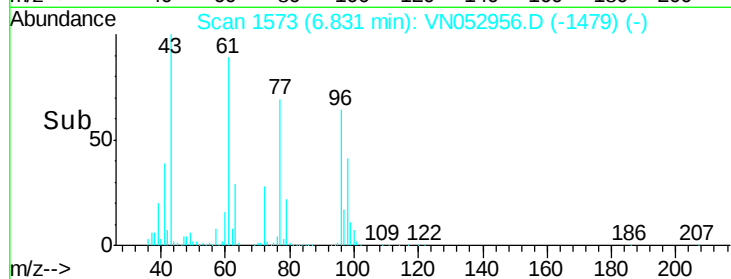
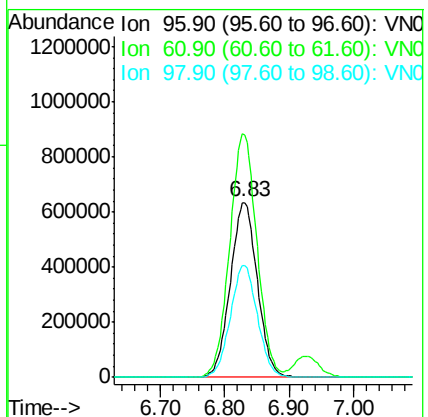
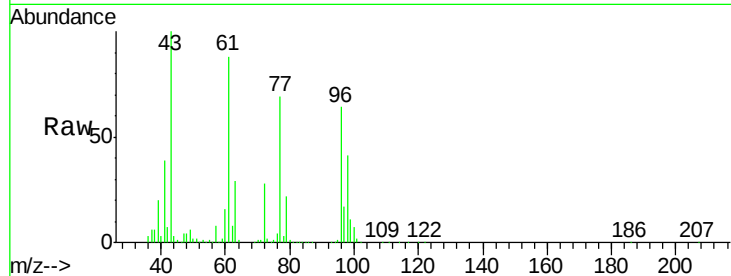
Tgt Ion: 96 Resp: 1852160

Ion Ratio Lower Upper

96 100

61 140.3 0.0 284.2

98 64.2 0.0 129.2



#28

Bromochloromethane

Concen: 149.678 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

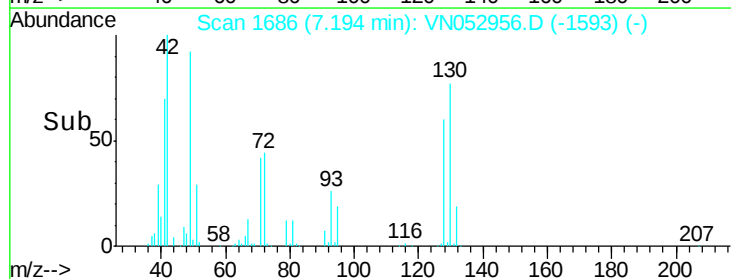
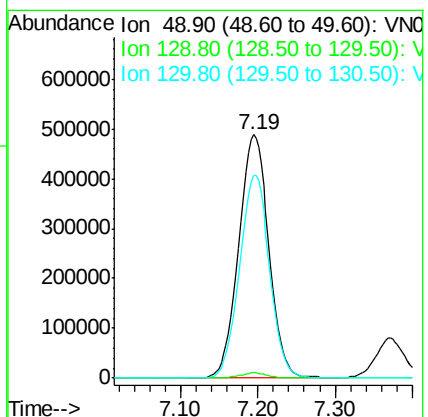
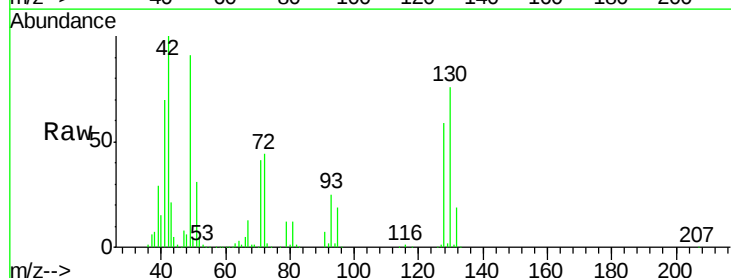
Tgt Ion: 49 Resp: 1320387

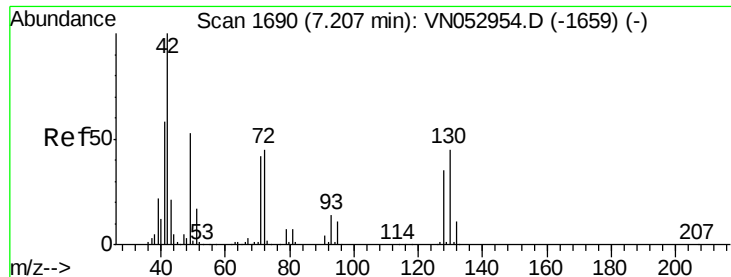
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

130 83.4 63.3 94.9

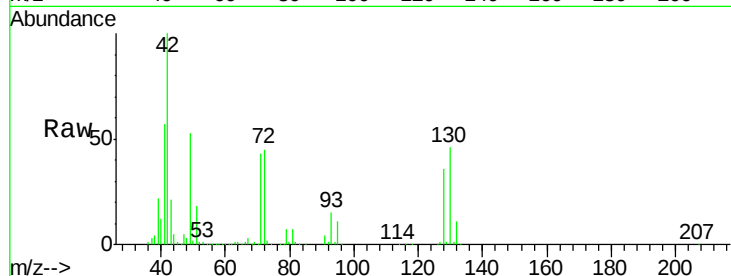




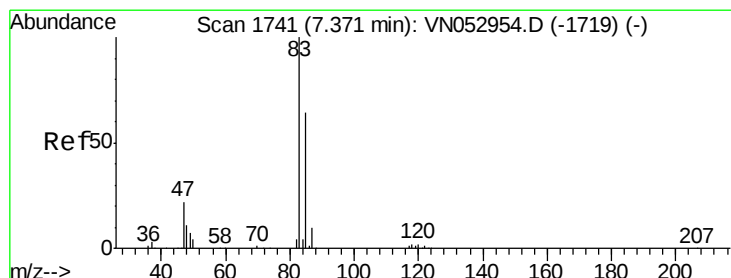
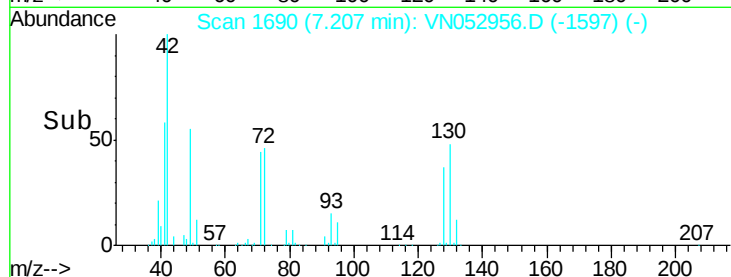
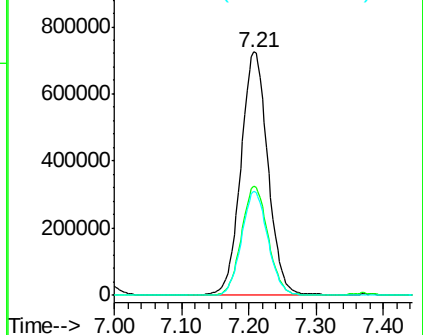
#29
Tetrahydrofuran
Concen: 744.869 ug/l
RT: 7.21 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 2019582
Ion Ratio Lower Upper
42 100
72 44.3 34.7 52.1
71 41.8 32.3 48.5

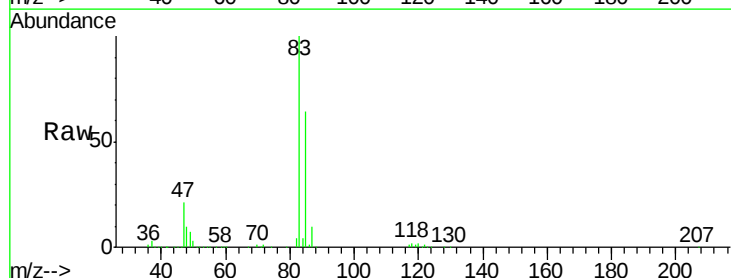


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

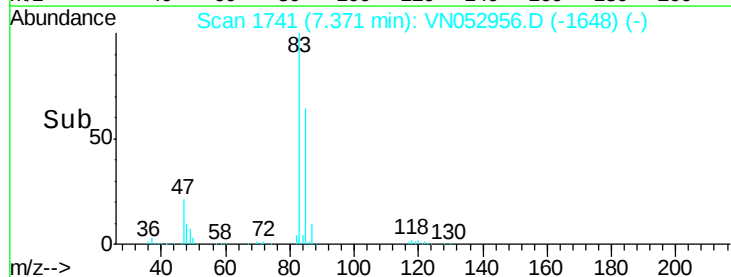
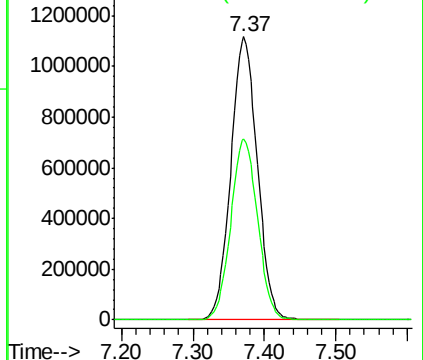


#30
Chloroform
Concen: 144.808 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Tgt Ion: 83 Resp: 2895964
Ion Ratio Lower Upper
83 100
85 64.1 52.1 78.1



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





#31

Cyclohexane

Concen: 149.619 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

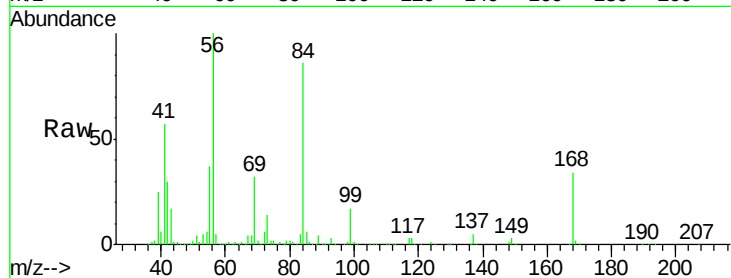
Tgt Ion: 56 Resp: 2816749

Ion Ratio Lower Upper

56 100

69 31.5 26.6 39.8

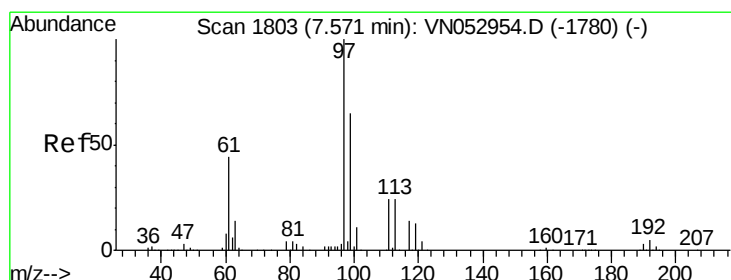
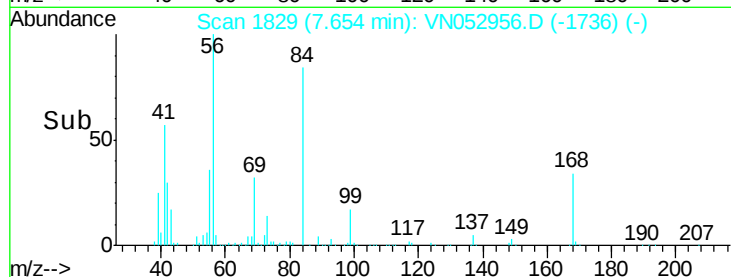
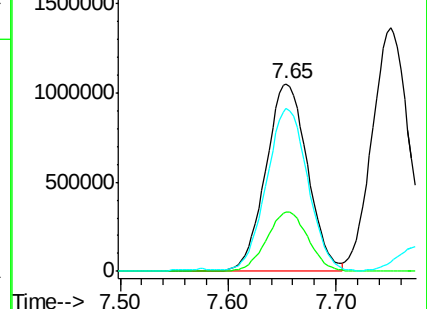
84 85.3 68.4 102.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 147.476 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

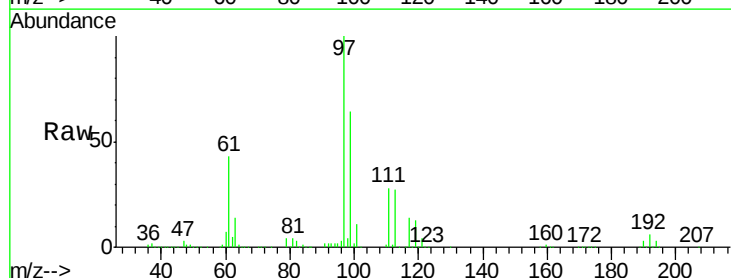
Tgt Ion: 97 Resp: 2512463

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

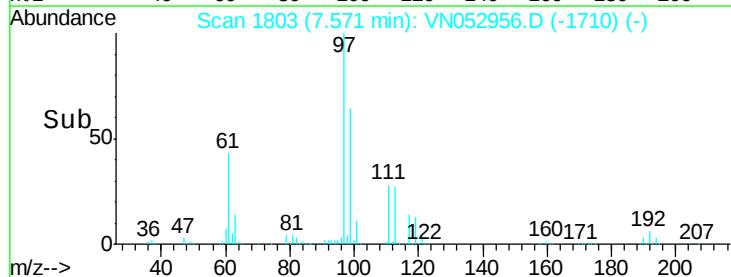
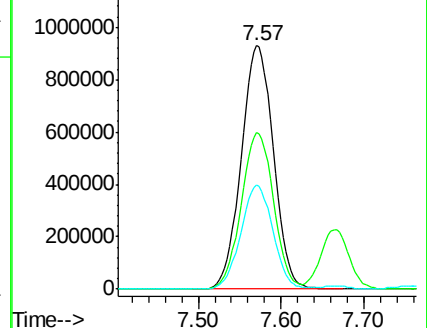
61 42.4 35.0 52.6

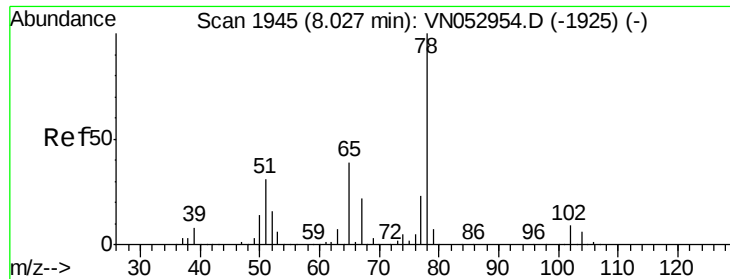


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

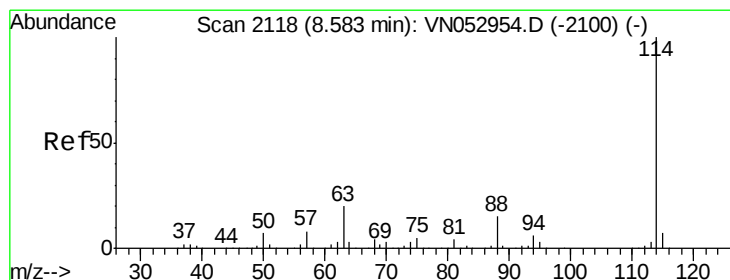
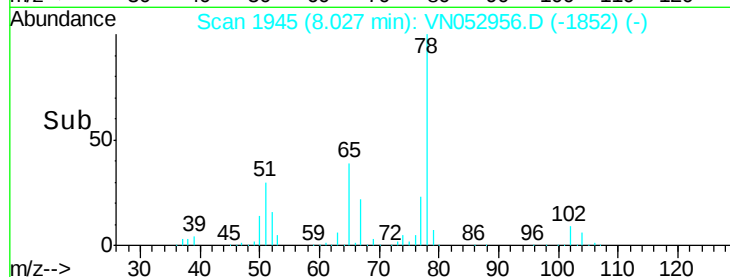
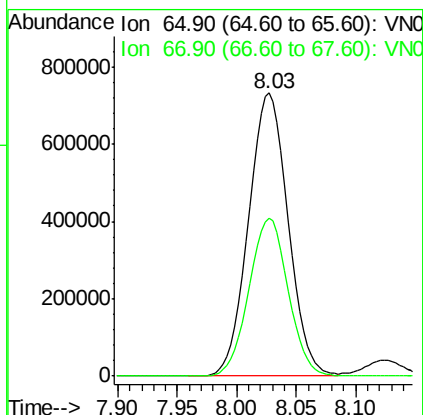
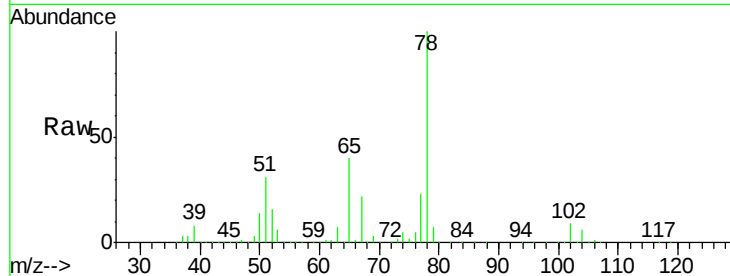




#33
 1,2-Dichloroethane-d4
 Concen: 147.476 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

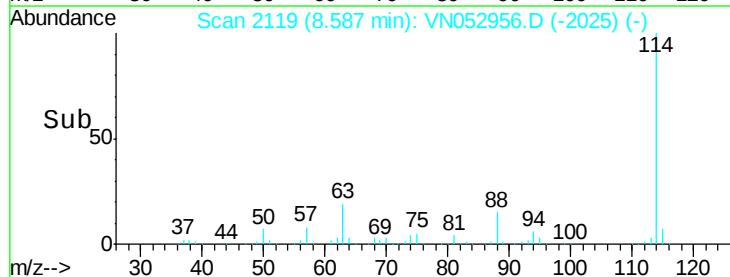
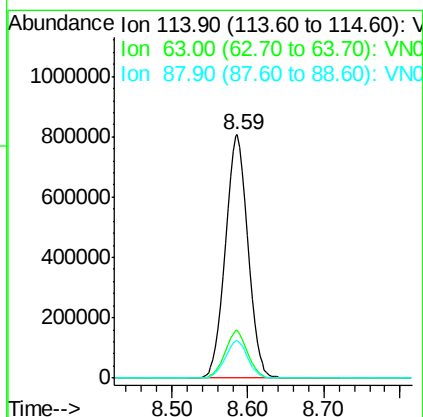
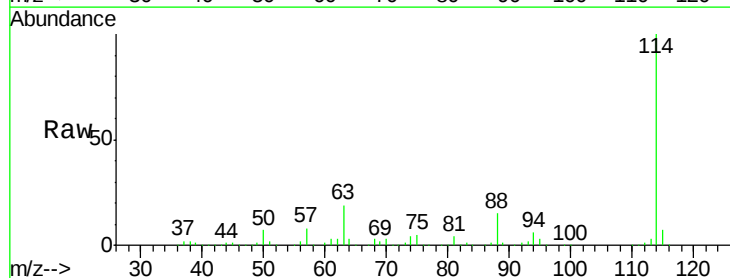
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

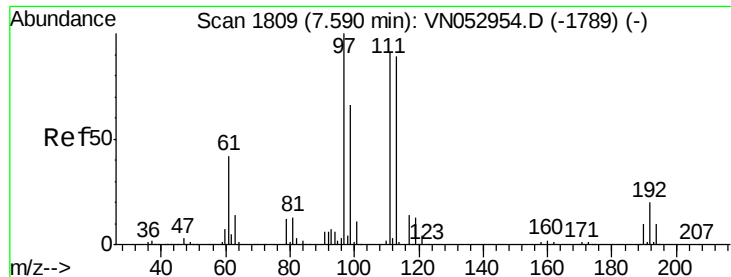
Tgt Ion: 65 Resp: 1688038
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion: 114 Resp: 1670155
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.8
 88 15.4 0.0 31.0

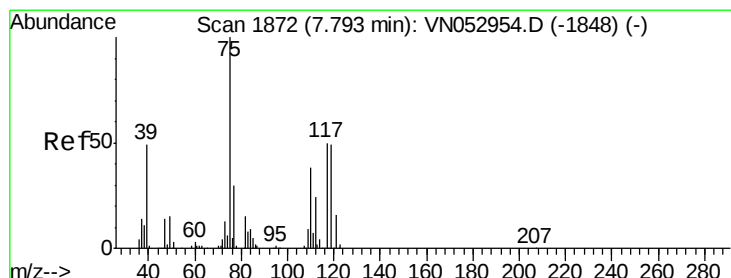
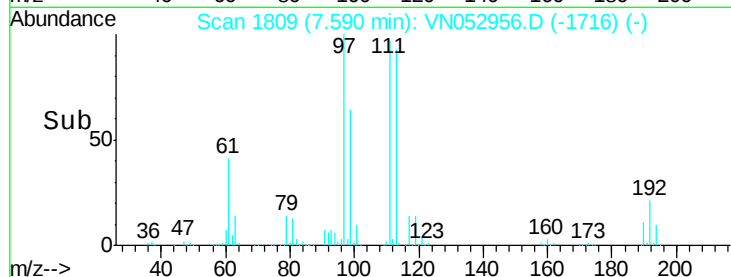
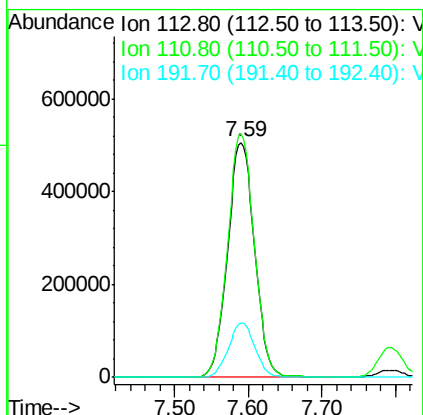
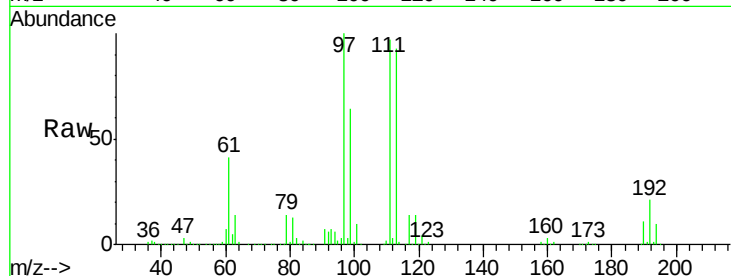




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

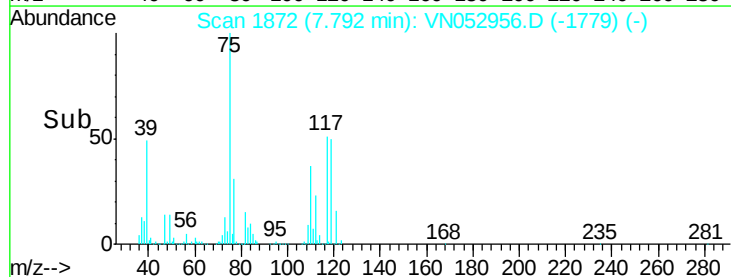
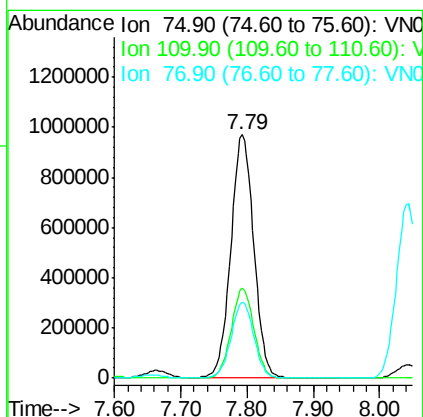
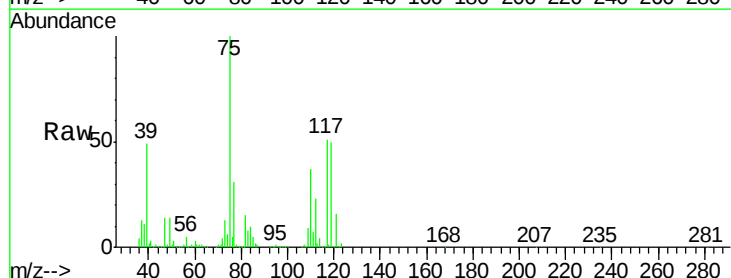
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

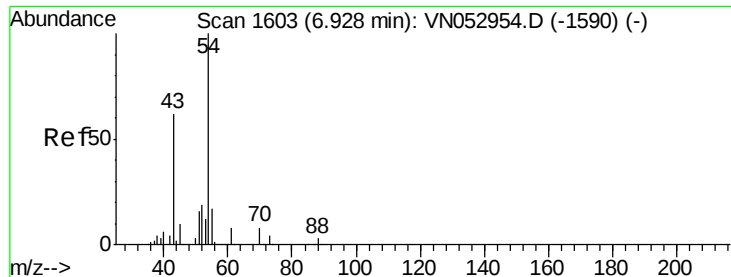
Tgt Ion:113 Resp: 1288841
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 22.7 17.5 26.3



#36
1,1-Dichloropropene
Concen: 145.330 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Tgt Ion: 75 Resp: 2329721
Ion Ratio Lower Upper
75 100
110 36.5 18.2 54.6
77 31.1 24.9 37.3

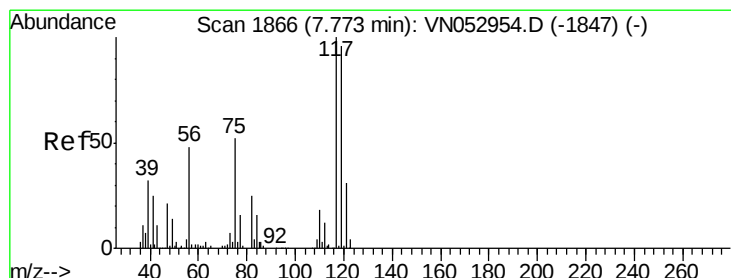
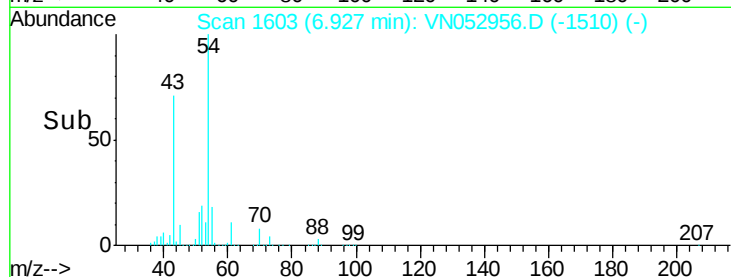
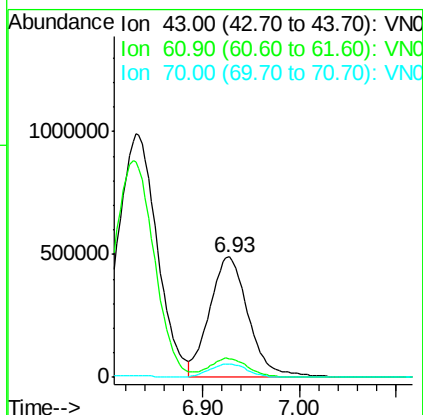
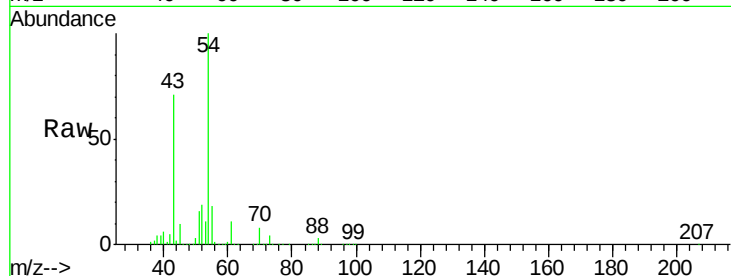




#37
Ethyl Acetate
Concen: 151.366 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

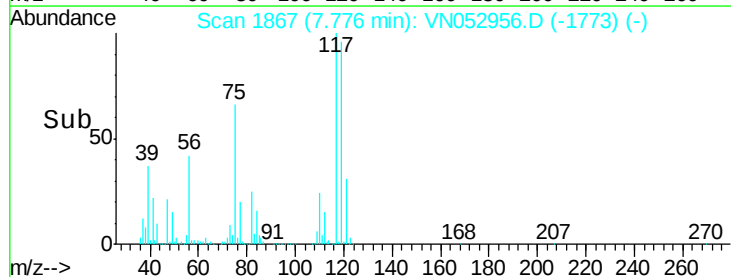
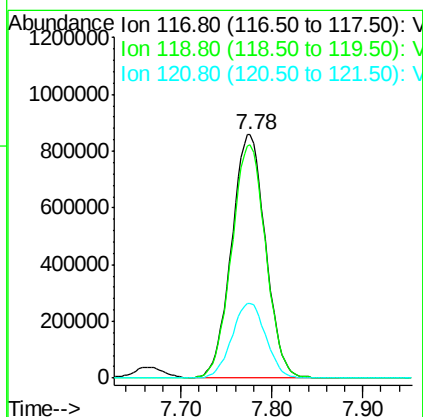
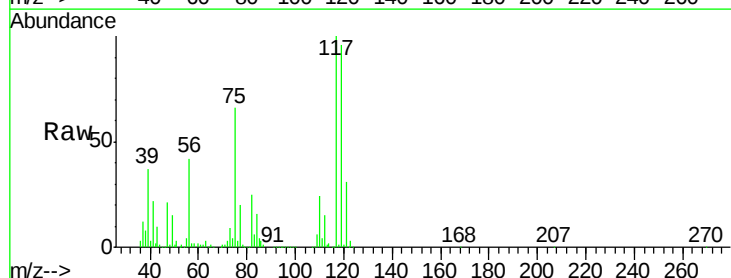
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

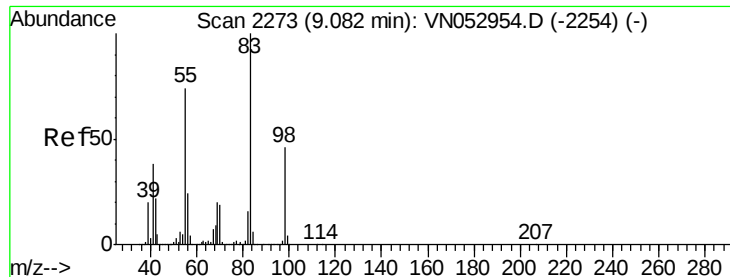
Tgt Ion: 43 Resp: 1354584
Ion Ratio Lower Upper
43 100
61 15.4 11.8 17.6
70 10.9 8.4 12.6



#38
Carbon Tetrachloride
Concen: 150.909 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Tgt Ion: 117 Resp: 2217378
Ion Ratio Lower Upper
117 100
119 95.9 77.1 115.7
121 30.9 24.9 37.3

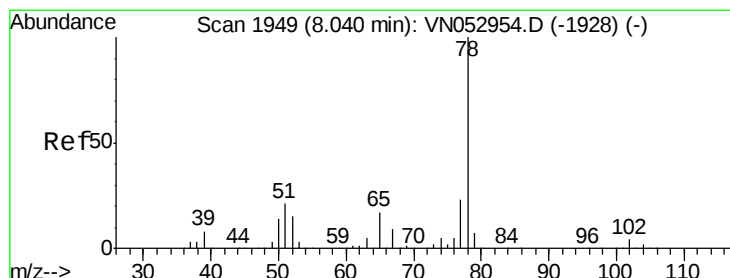
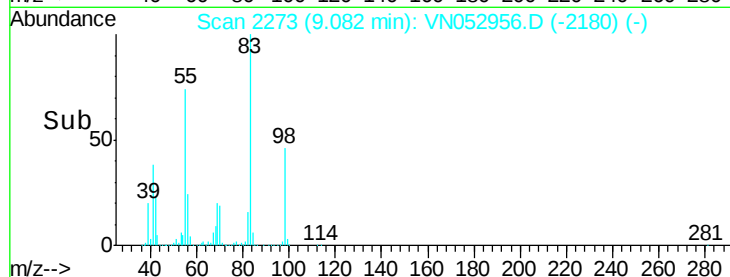
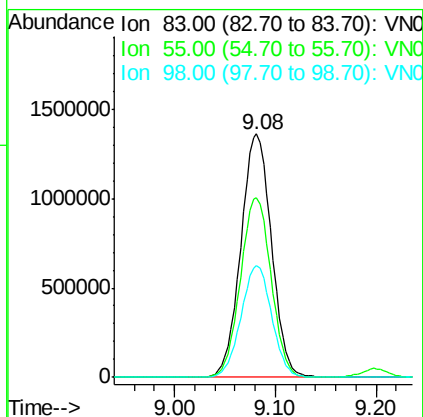
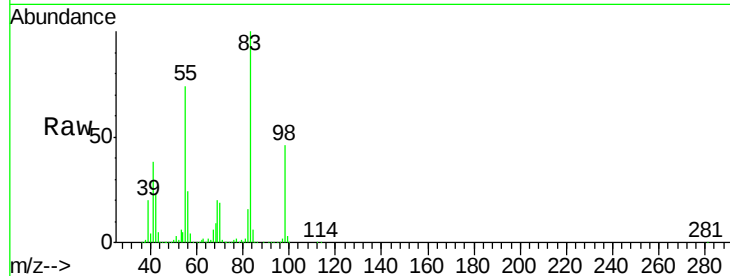




#39
Methylcyclohexane
Concen: 146.743 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

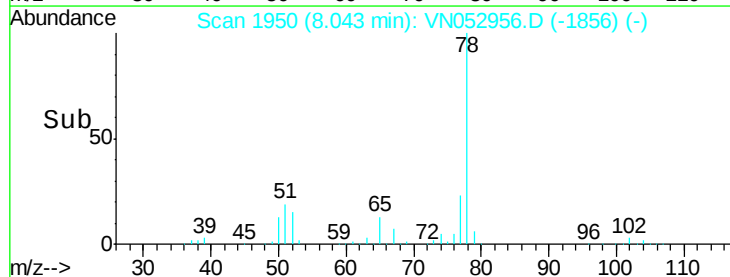
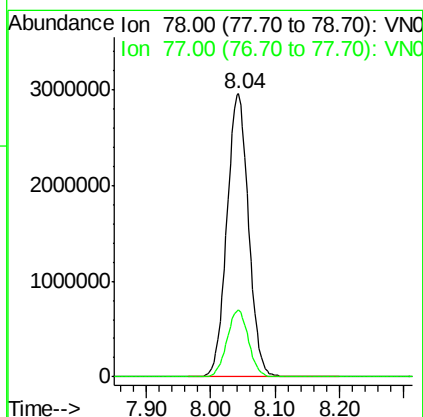
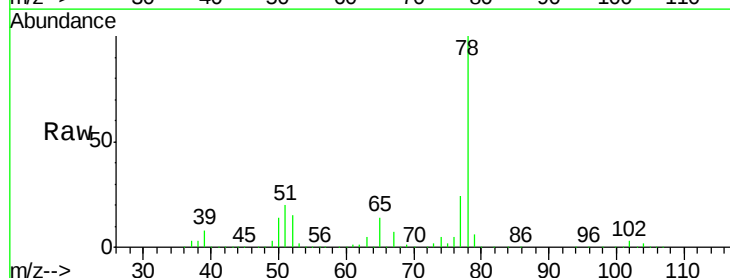
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

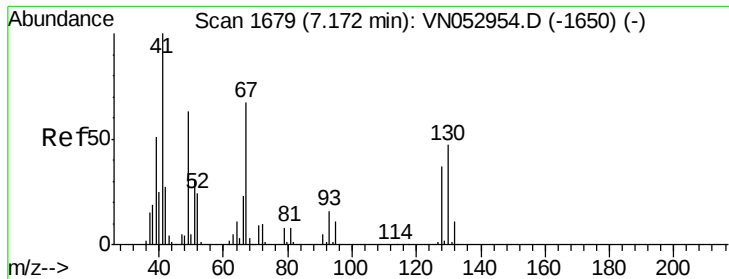
Tgt Ion: 83 Resp: 2857661
Ion Ratio Lower Upper
83 100
55 74.0 61.3 91.9
98 46.2 37.0 55.4



#40
Benzene
Concen: 145.063 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Tgt Ion: 78 Resp: 6917008
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7

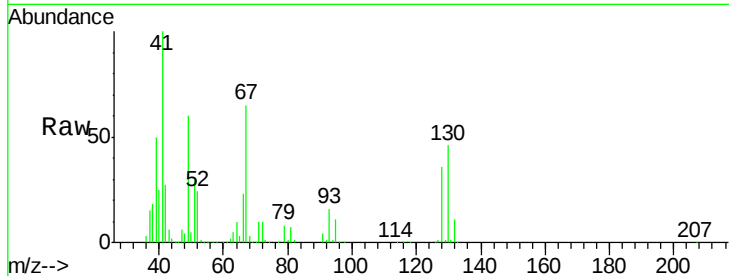




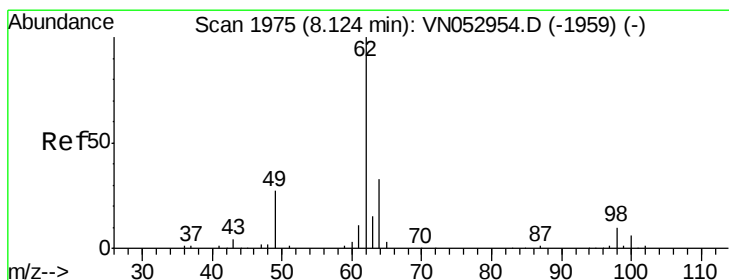
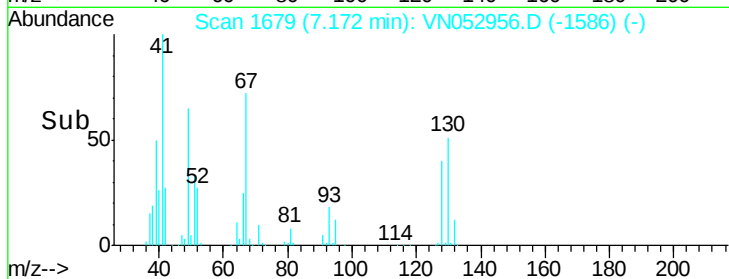
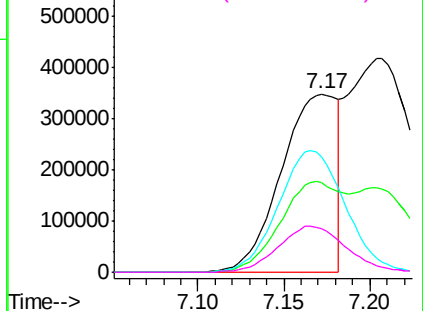
#41
Methacrylonitrile
Concen: 151.531 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

Tgt Ion: 41 Resp: 783519
Ion Ratio Lower Upper
41 100
39 58.2 48.0 72.0
67 82.0 70.3 105.5
52 31.3 26.9 40.3

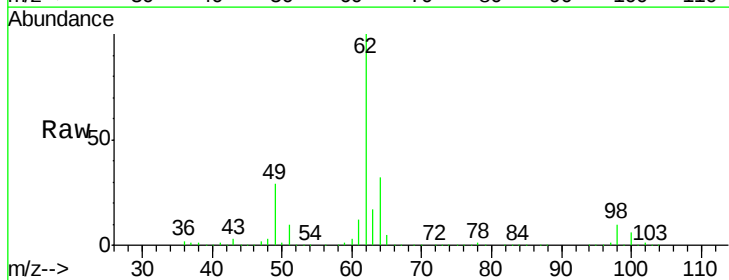


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

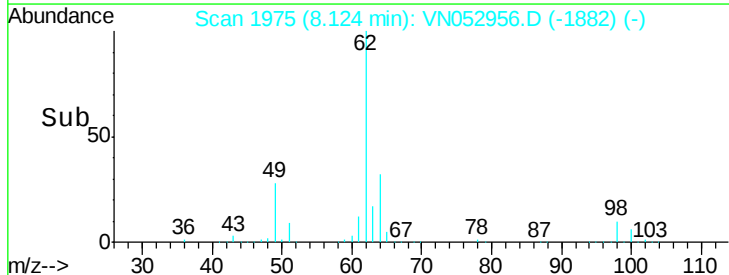
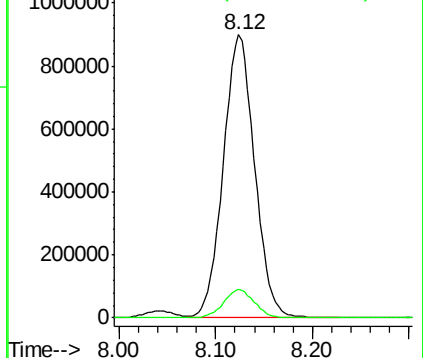


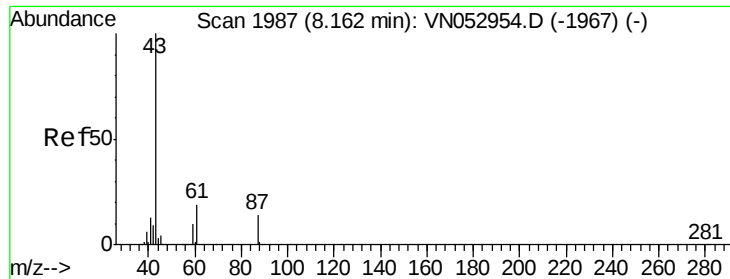
#42
1,2-Dichloroethane
Concen: 142.817 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Tgt Ion: 62 Resp: 2011757
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 149.893 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

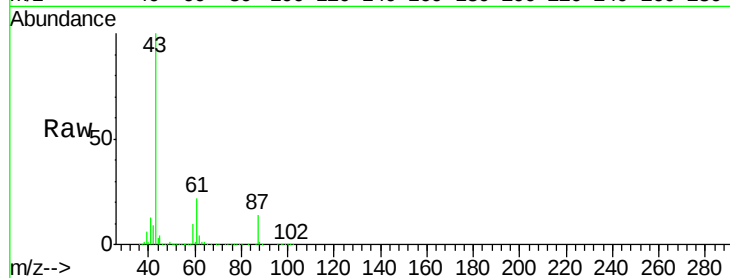
Tgt Ion: 43 Resp: 2559721

Ion Ratio Lower Upper

43 100

61 29.8 22.9 34.3

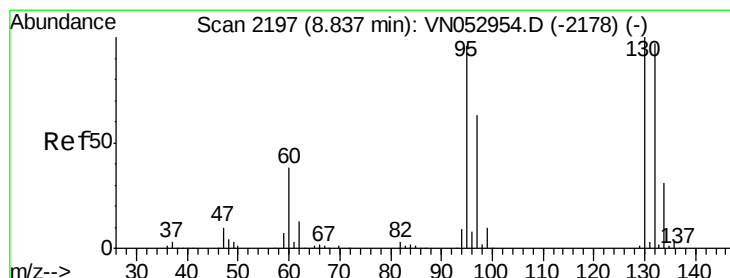
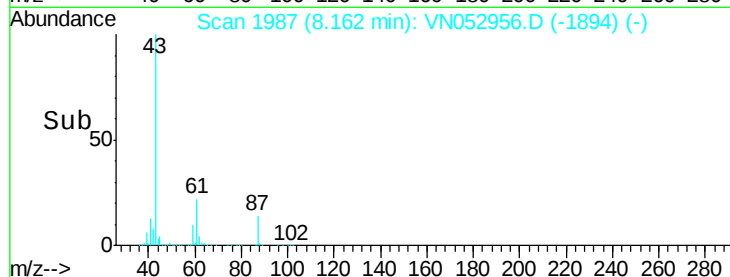
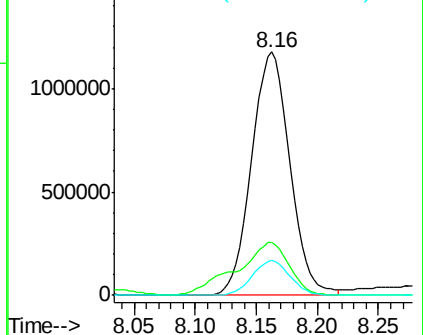
87 14.1 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052954.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN052954.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN052954.D (-1967) (-)



#44

Trichloroethene

Concen: 145.670 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN052956.D

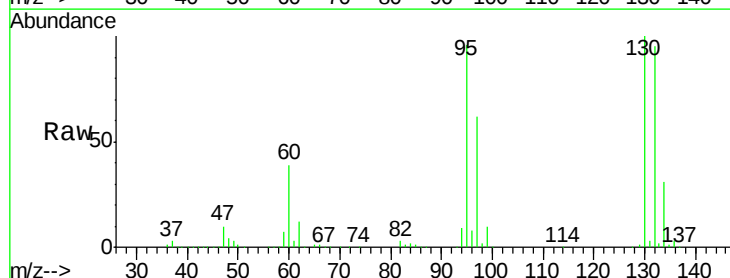
Acq: 18 Dec 2018 12:42

Tgt Ion: 130 Resp: 2009043

Ion Ratio Lower Upper

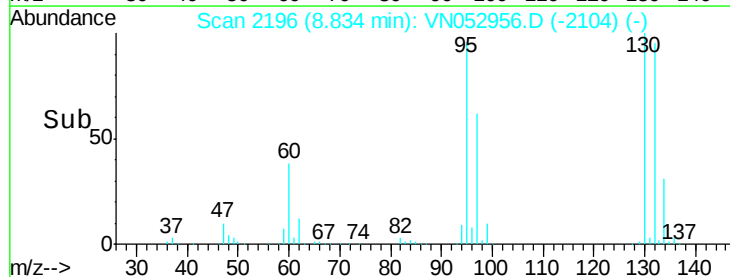
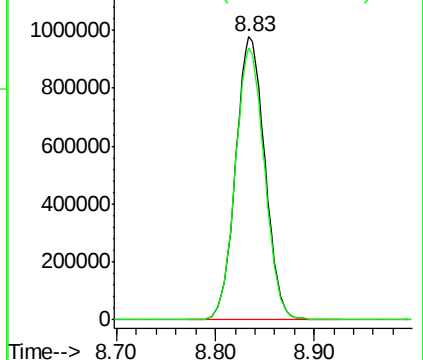
130 100

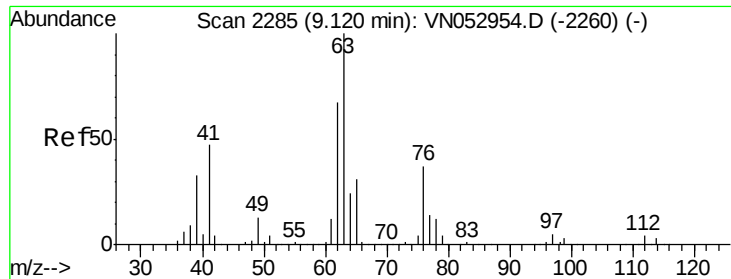
95 95.9 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): VN052954.D (-2178) (-)

Ion 94.90 (94.60 to 95.60): VN052954.D (-2178) (-)

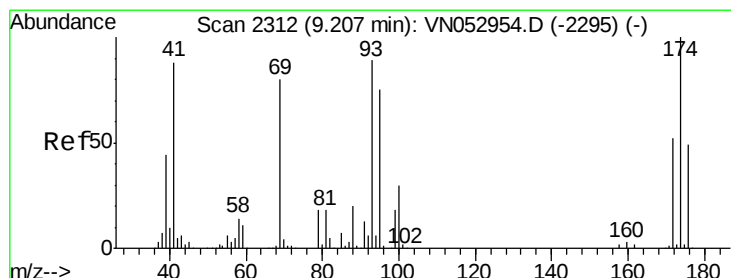
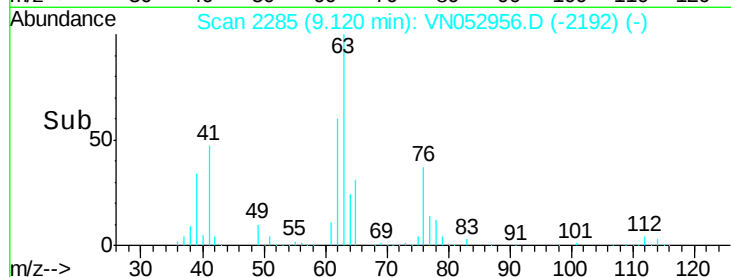
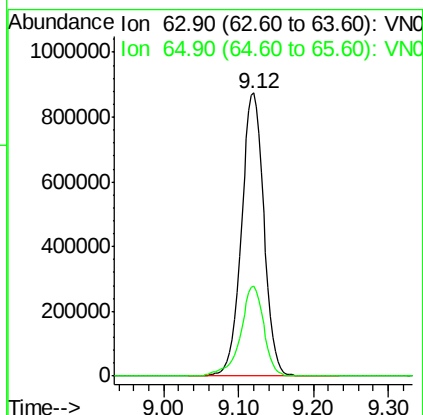
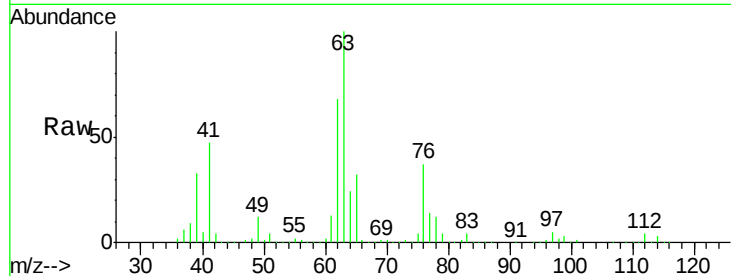




#45
 1,2-Dichloropropane
 Concen: 146.463 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

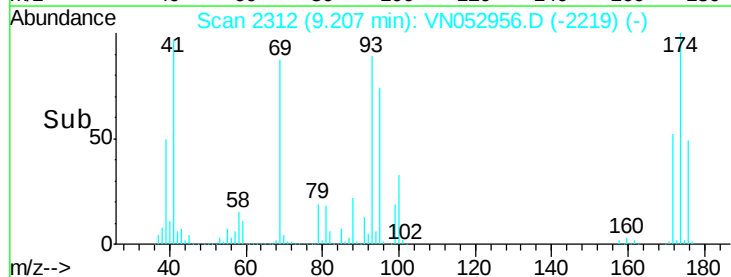
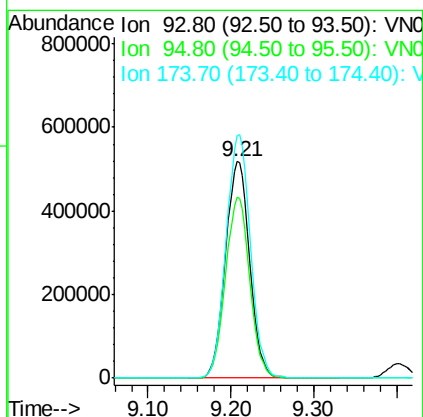
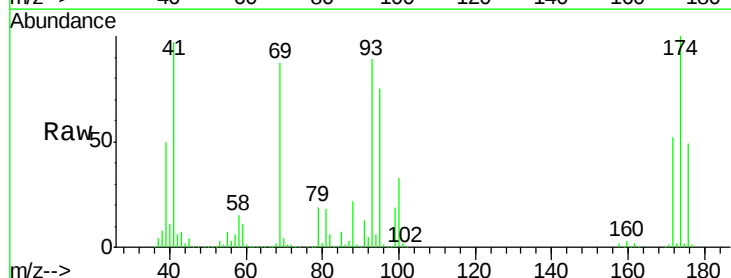
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

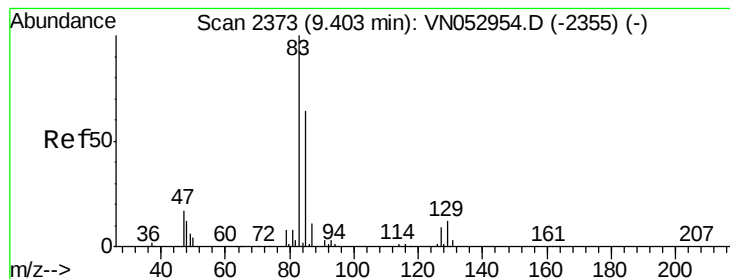
Tgt Ion: 63 Resp: 1819065
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.6 37.0



#46
 Dibromomethane
 Concen: 145.613 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion: 93 Resp: 1053532
 Ion Ratio Lower Upper
 93 100
 95 83.6 67.8 101.6
 174 112.9 89.0 133.4





#47

Bromodichloromethane

Concen: 148.184 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

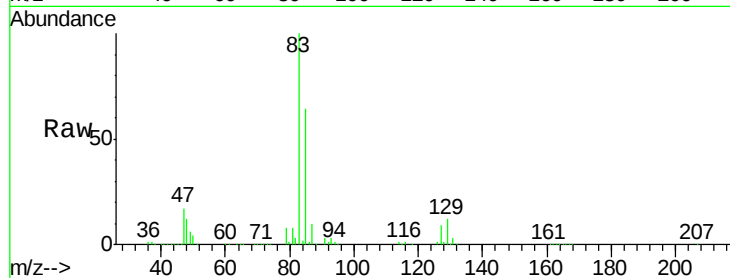
Tgt Ion: 83 Resp: 2279016

Ion Ratio Lower Upper

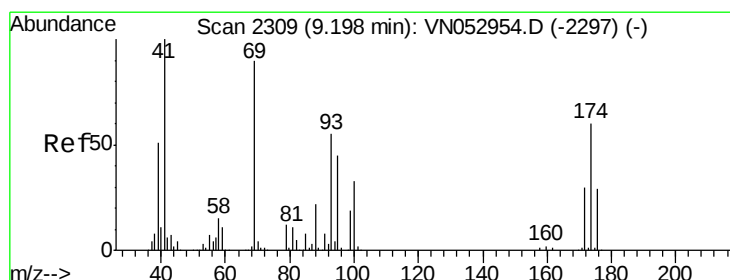
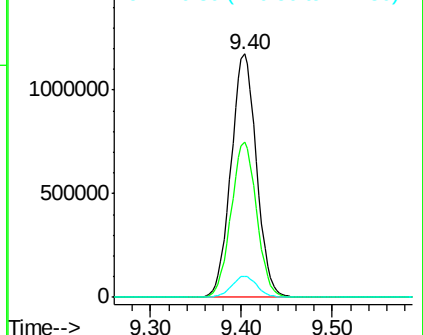
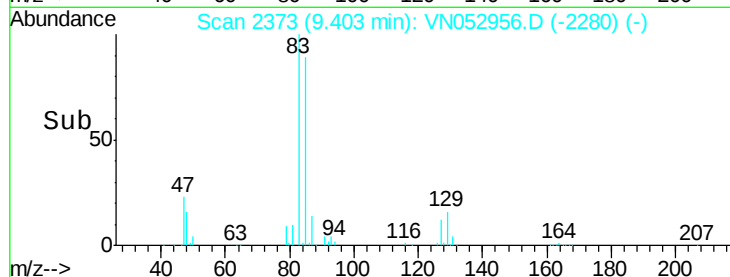
83 100

85 63.9 51.6 77.4

127 8.8 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN052956.D (-2280) (-)



#48

Methyl methacrylate

Concen: 150.639 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

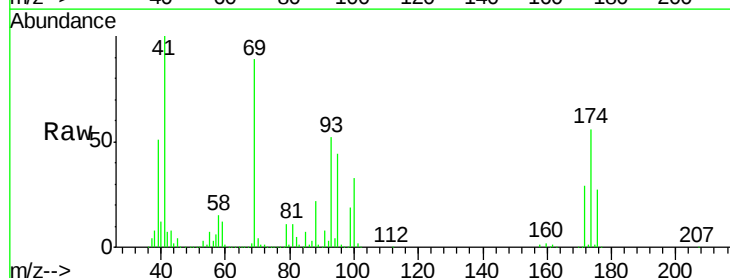
Tgt Ion: 41 Resp: 1308139

Ion Ratio Lower Upper

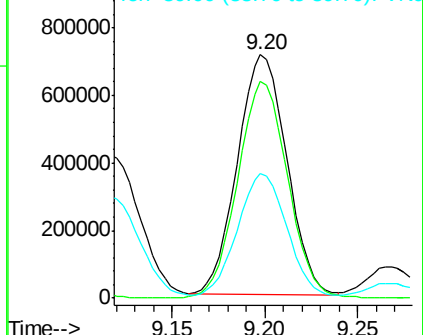
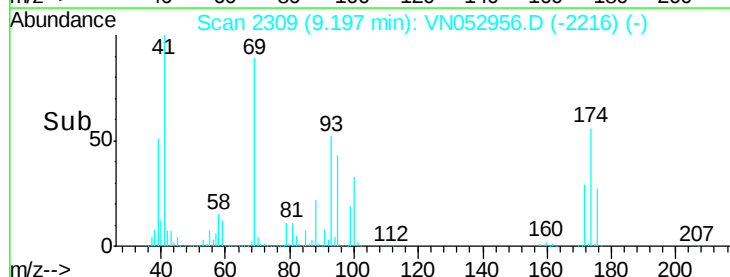
41 100

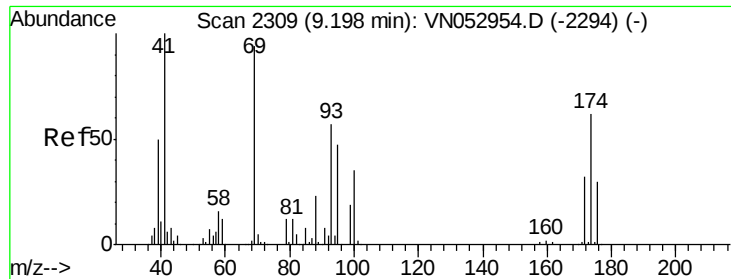
69 91.9 72.2 108.2

39 52.7 41.9 62.9



Abundance Ion 41.00 (40.70 to 41.70): VN052956.D (-2216) (-)

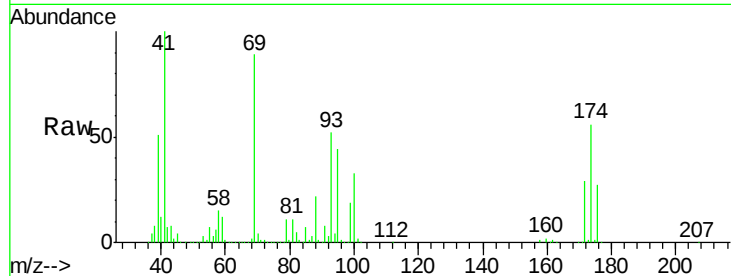




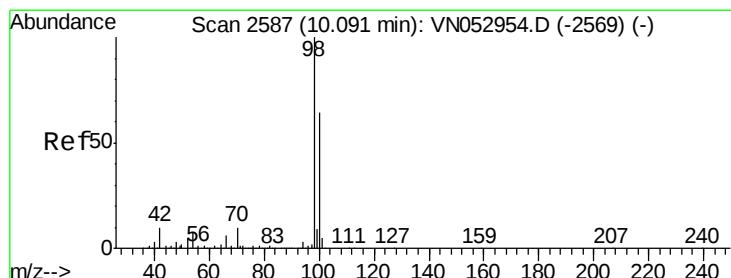
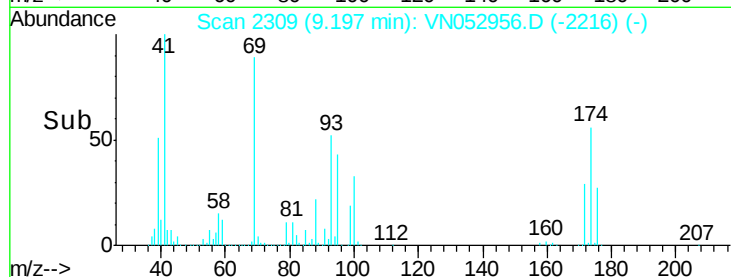
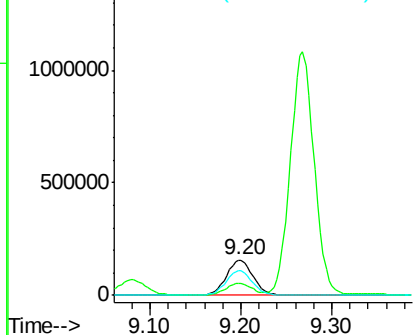
#49
 1,4-Dioxane
 Concen: 2936.822 ug/l
 RT: 9.20 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 88 Resp: 322603
 Ion Ratio Lower Upper
 88 100
 43 31.5 26.6 40.0
 58 68.1 58.4 87.6

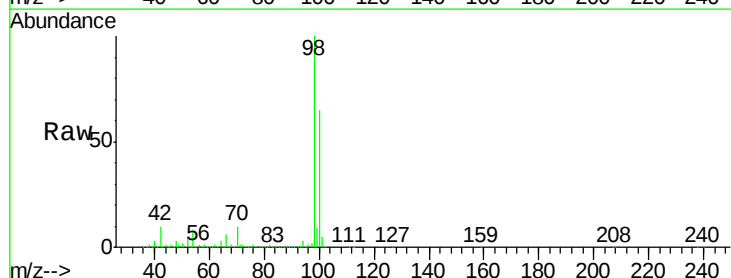


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

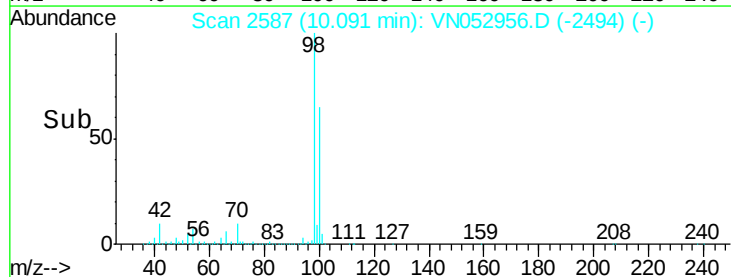
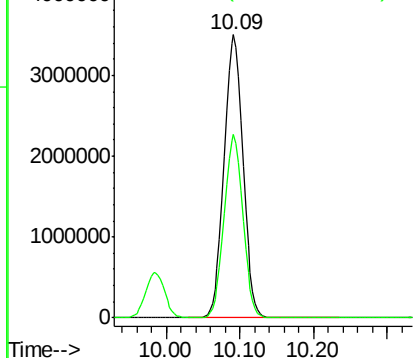


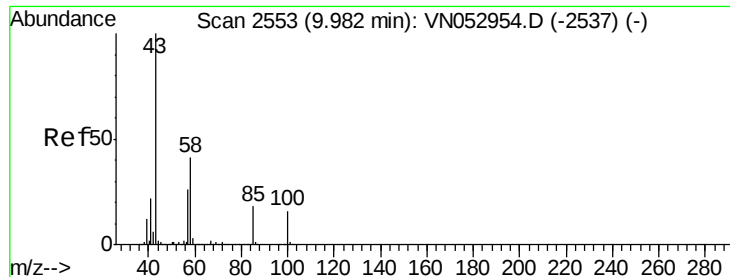
#50
 Toluene-d8
 Concen: 2936.822 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion: 98 Resp: 6266117
 Ion Ratio Lower Upper
 98 100
 100 64.4 51.6 77.4



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

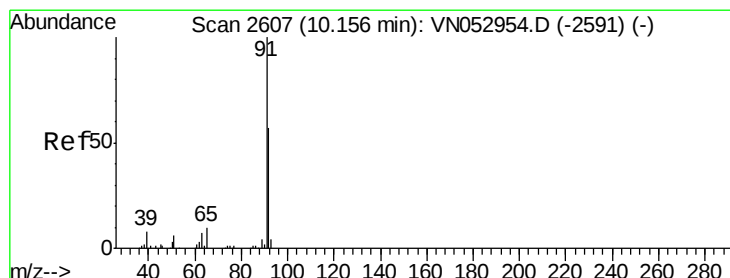
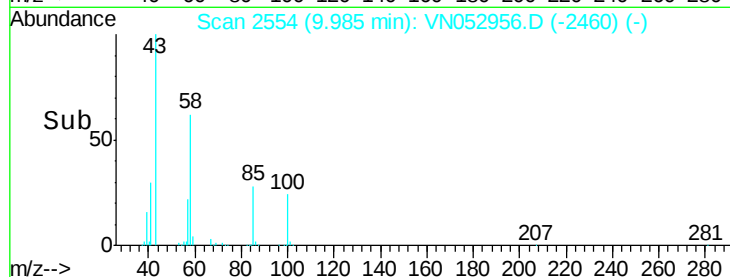
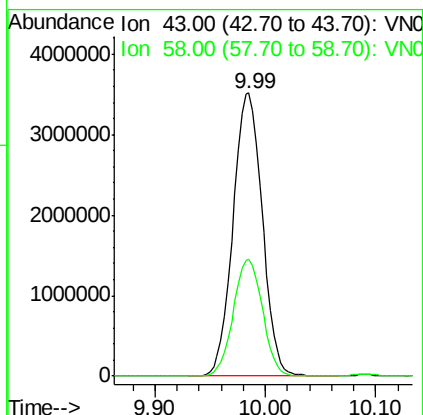
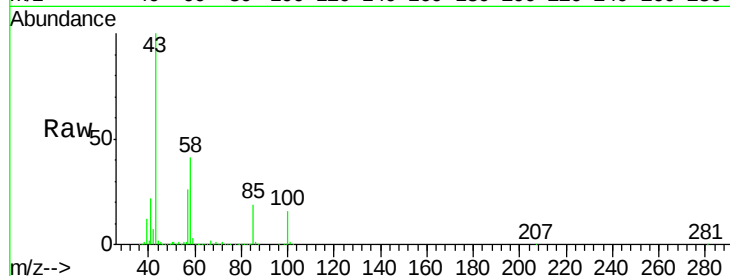




#51
 4-Methyl-2-Pentanone
 Concen: 745.001 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

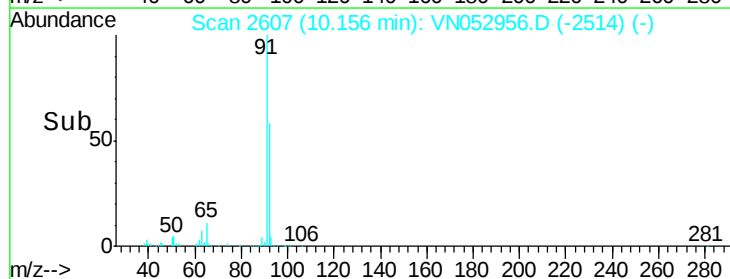
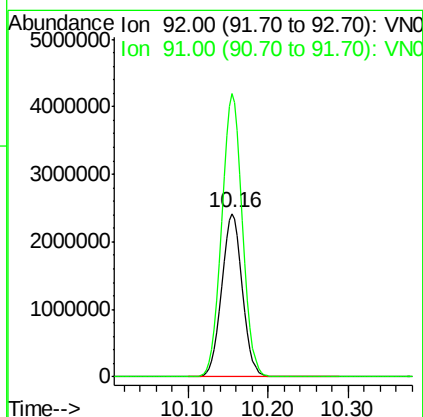
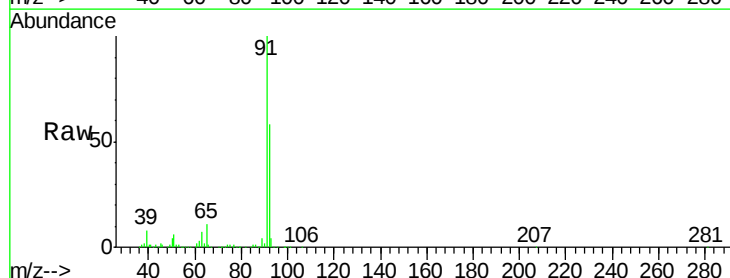
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

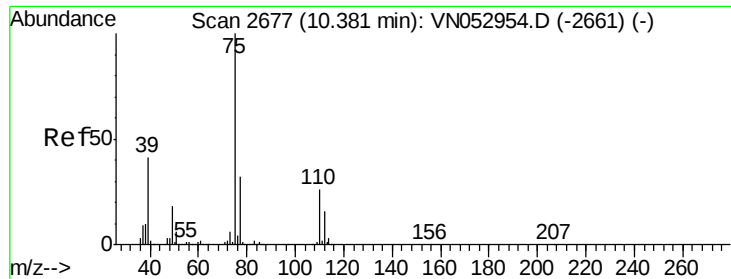
Tgt Ion: 43 Resp: 6456526
 Ion Ratio Lower Upper
 43 100
 58 41.2 32.2 48.4



#52
 Toluene
 Concen: 146.364 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion: 92 Resp: 4325794
 Ion Ratio Lower Upper
 92 100
 91 173.5 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 153.075 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

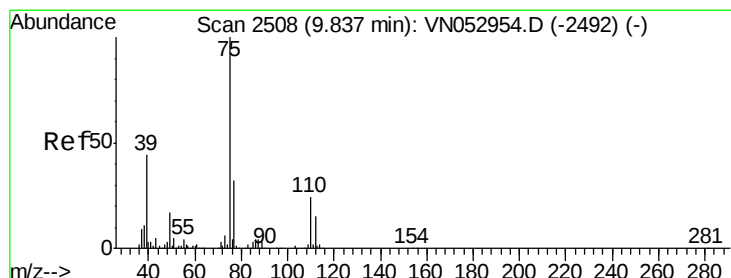
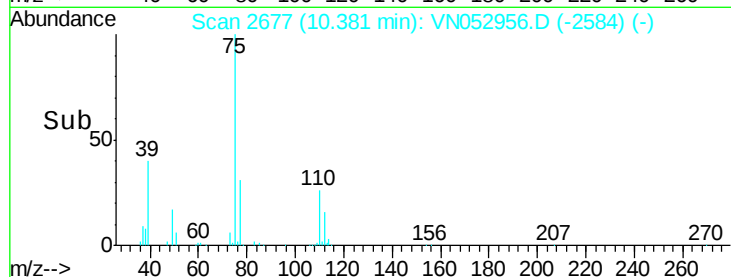
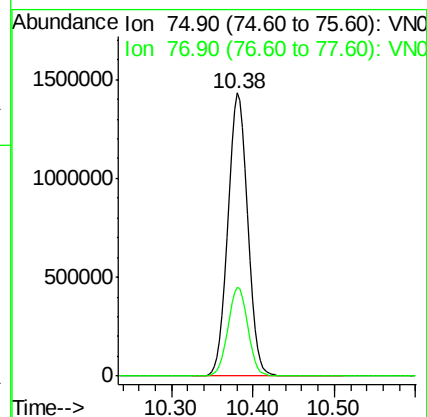
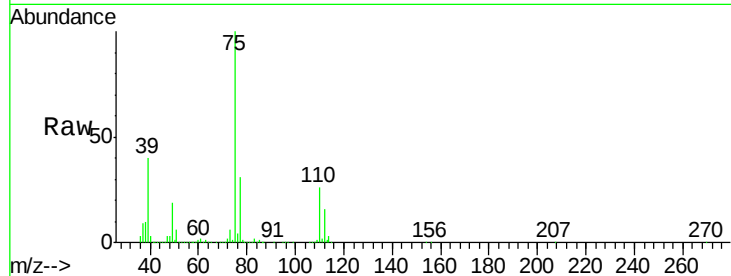
VSTDIC150

Tgt Ion: 75 Resp: 2475565

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 151.370 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

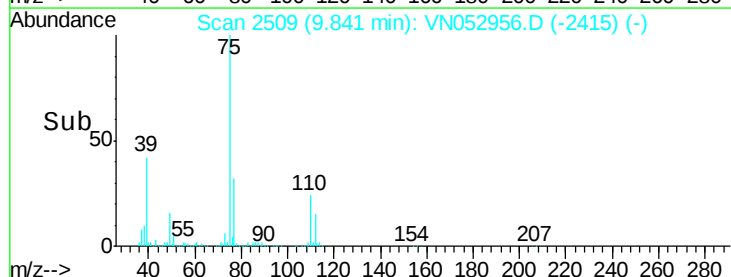
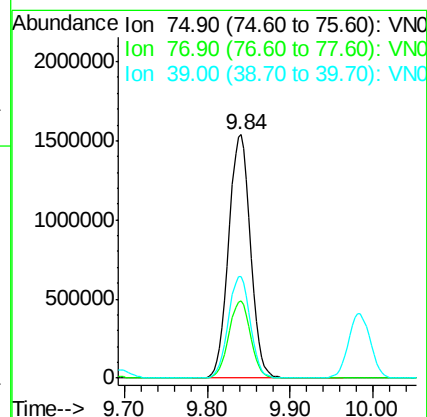
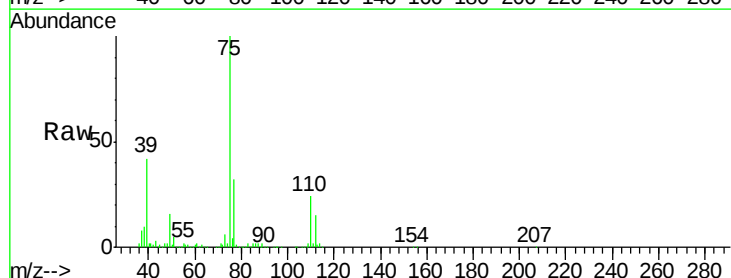
Tgt Ion: 75 Resp: 2809889

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.8

39 41.7 34.8 52.2



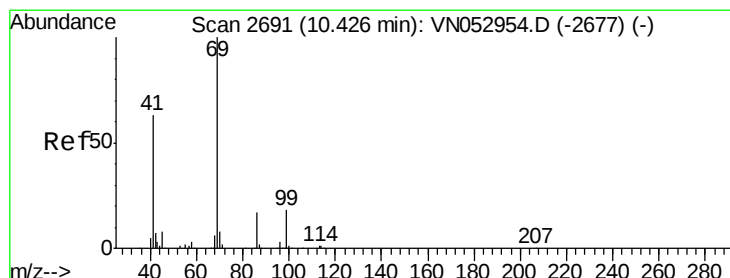
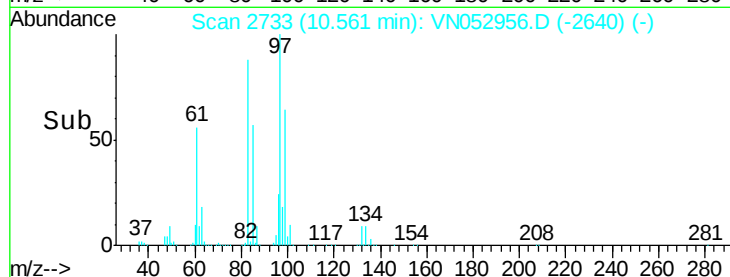
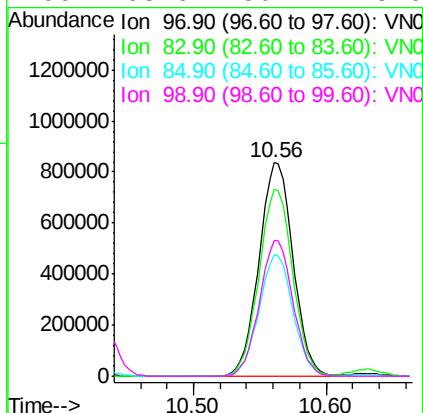
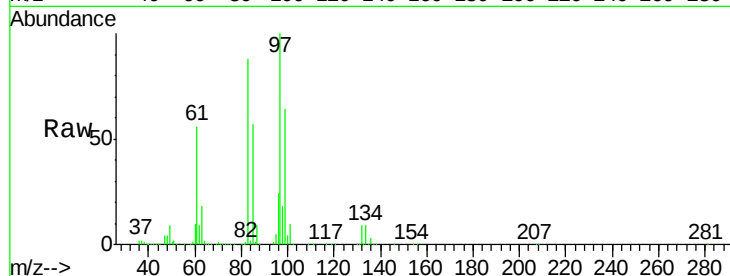


#55
 1,1,2-Trichloroethane
 Concen: 145.841 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 1503745

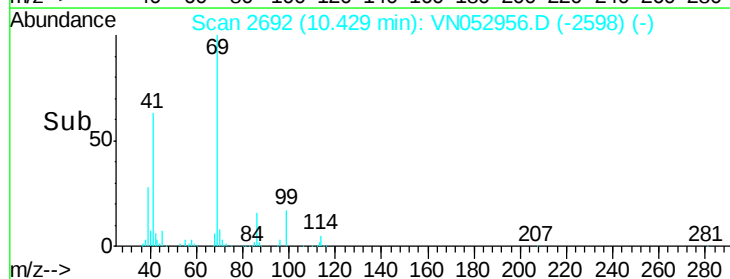
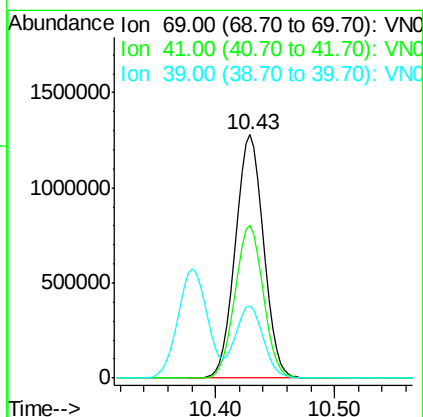
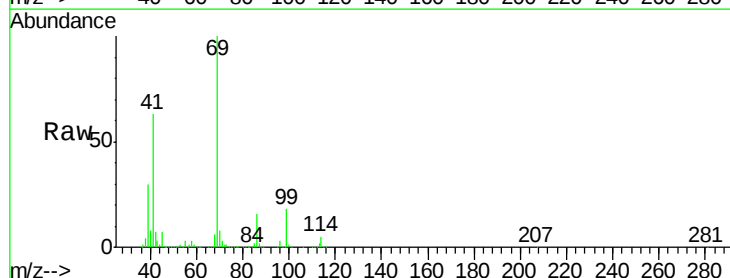
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.9	106.3
85	57.0	45.4	68.2
99	63.6	50.4	75.6



#56
 Ethyl methacrylate
 Concen: 153.932 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion: 69 Resp: 2100762

Ion	Ratio	Lower	Upper
69	100		
41	62.5	51.7	77.5
39	29.4	24.6	37.0





#57

1,3-Dichloropropane

Concen: 146.745 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

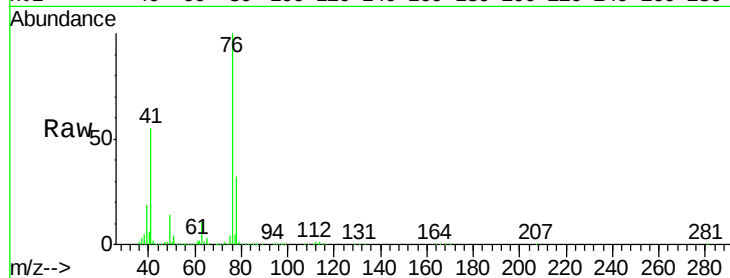
VSTDIC150

Tgt Ion: 76 Resp: 2594629

Ion Ratio Lower Upper

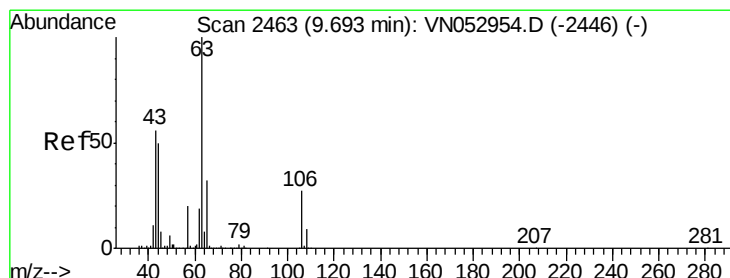
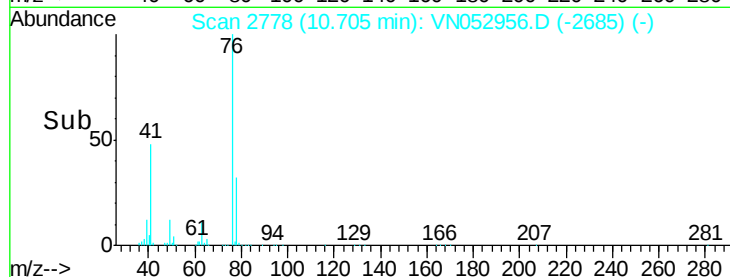
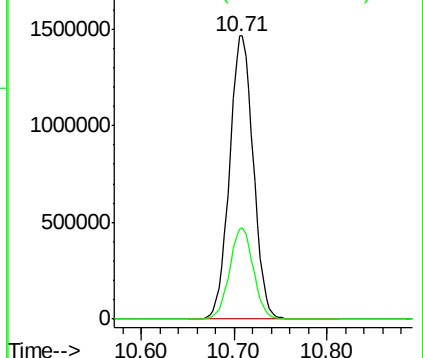
76 100

78 32.1 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 776.135 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN052956.D

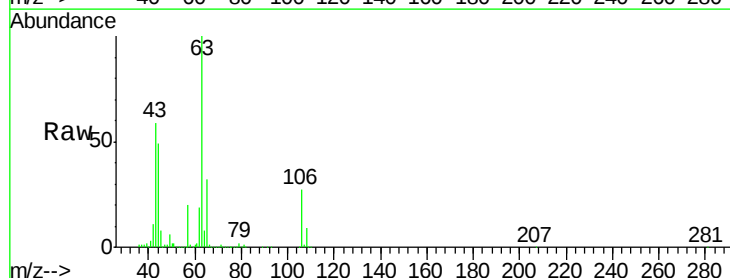
Acq: 18 Dec 2018 12:42

Tgt Ion: 63 Resp: 5815085

Ion Ratio Lower Upper

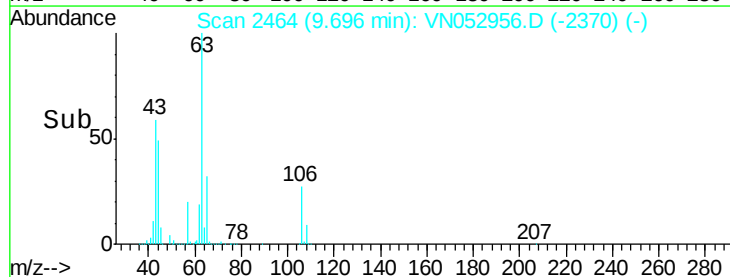
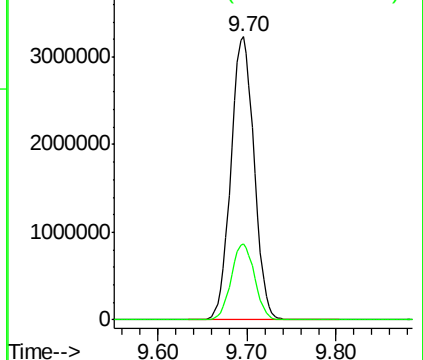
63 100

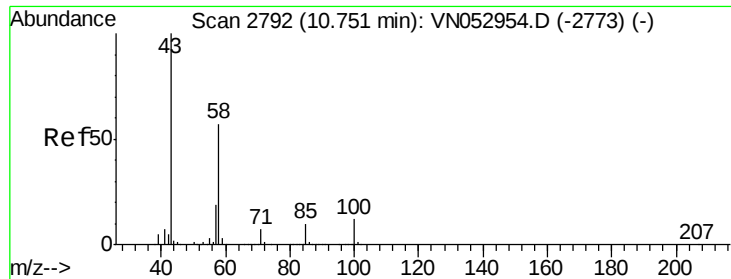
106 27.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

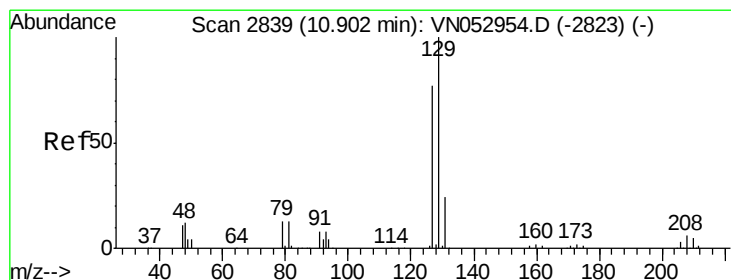
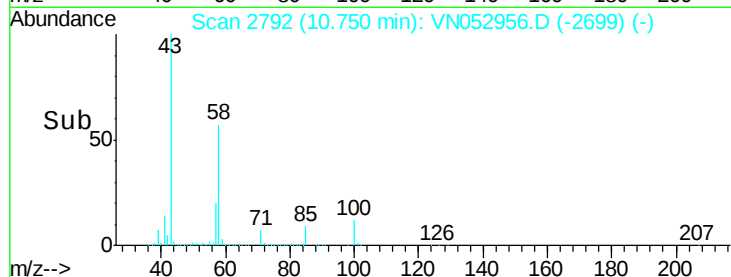
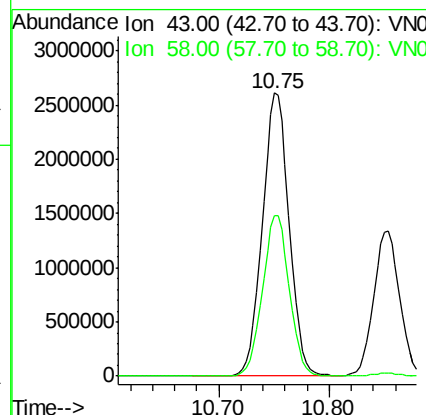
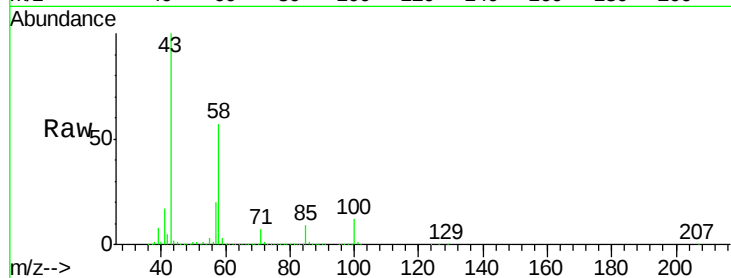




#59
2-Hexanone
Concen: 744.927 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

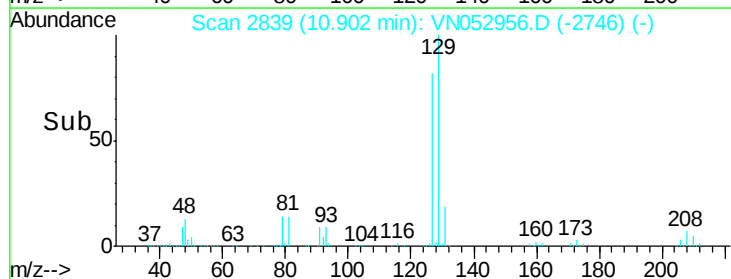
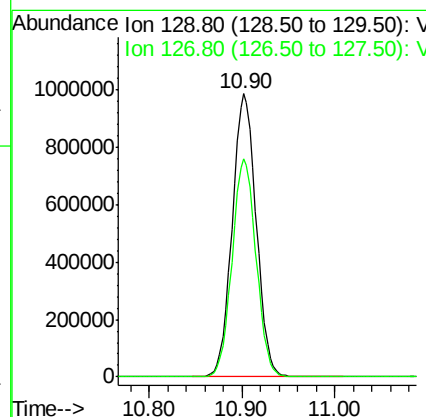
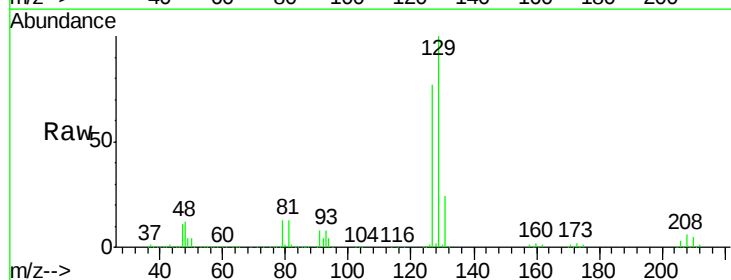
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

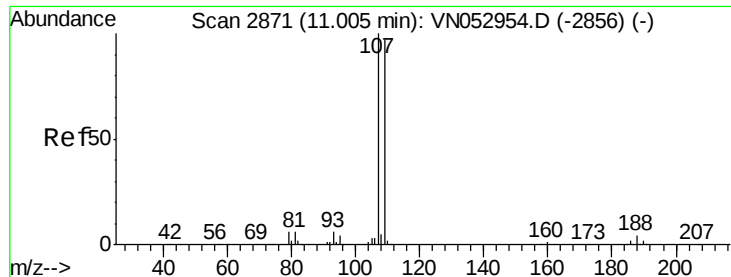
Tgt Ion: 43 Resp: 4367936
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3



#60
Dibromochloromethane
Concen: 149.289 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Tgt Ion: 129 Resp: 1761991
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61

1,2-Dibromoethane

Concen: 149.650 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

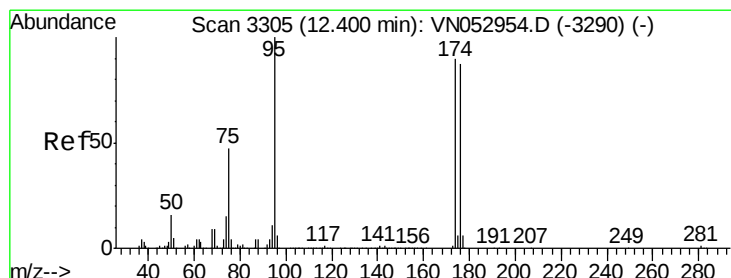
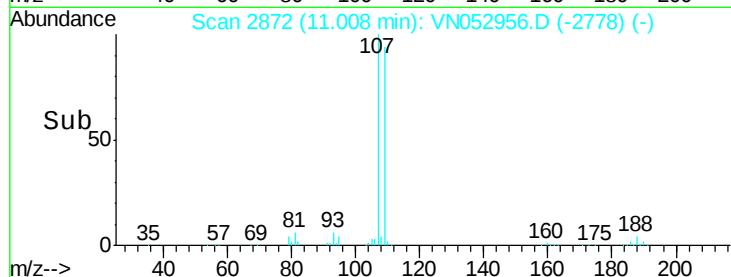
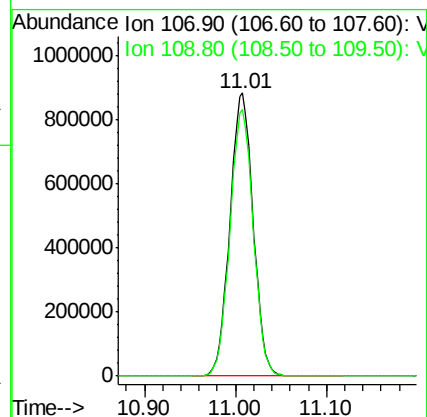
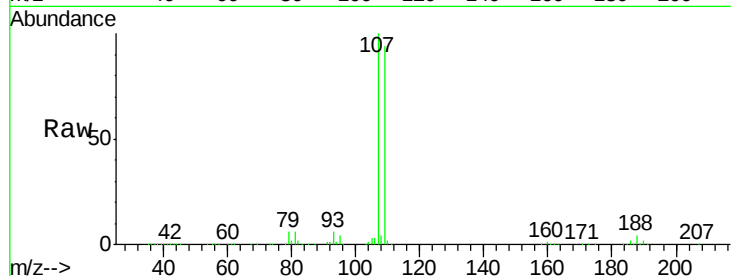
VSTDIC150

Tgt Ion: 107 Resp: 1567099

Ion Ratio Lower Upper

107 100

109 94.6 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 149.650 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

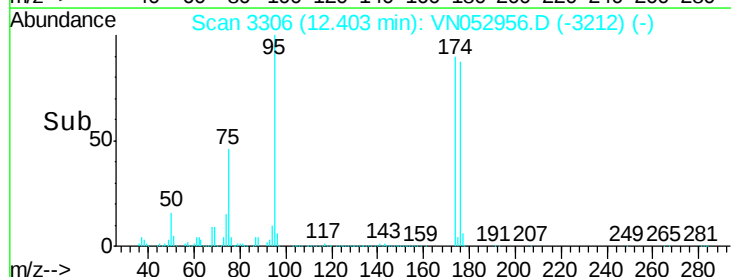
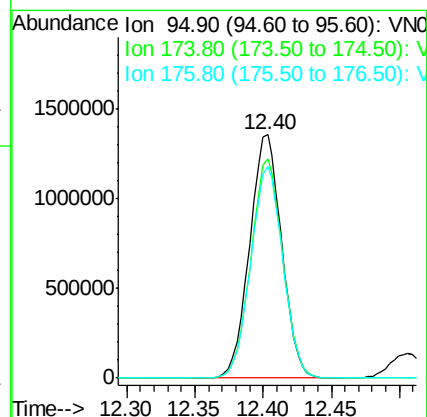
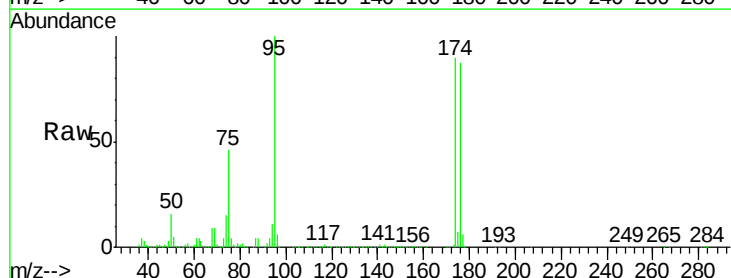
Tgt Ion: 95 Resp: 2207280

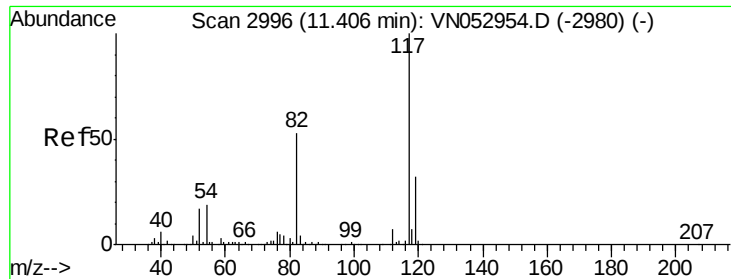
Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.8

176 87.3 0.0 173.8

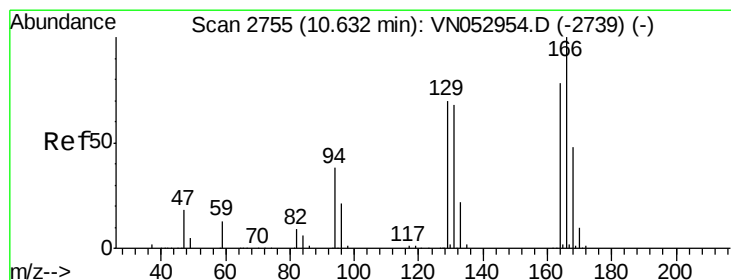
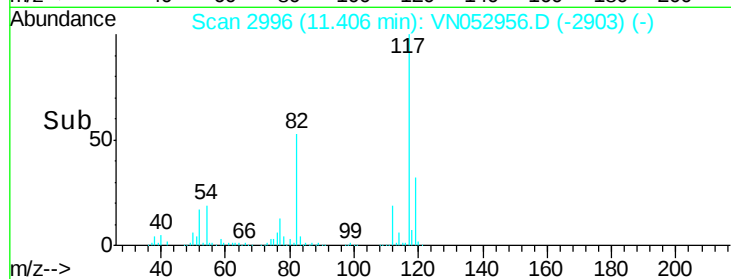
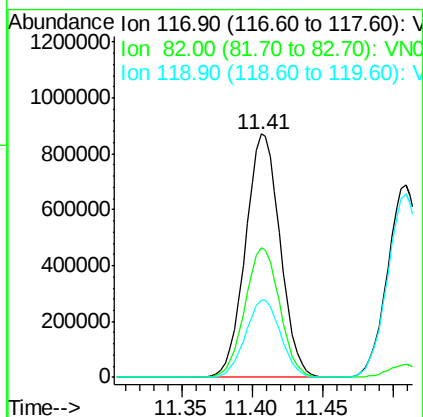
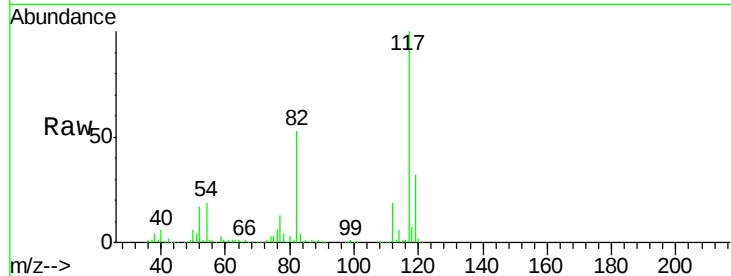




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

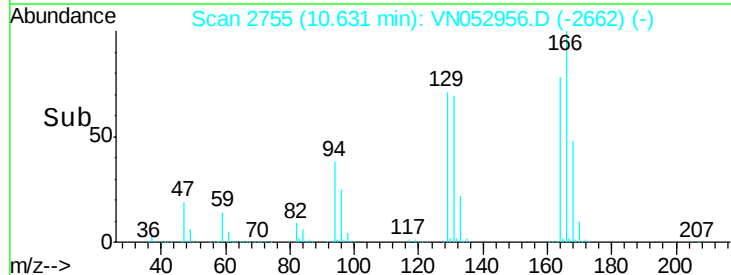
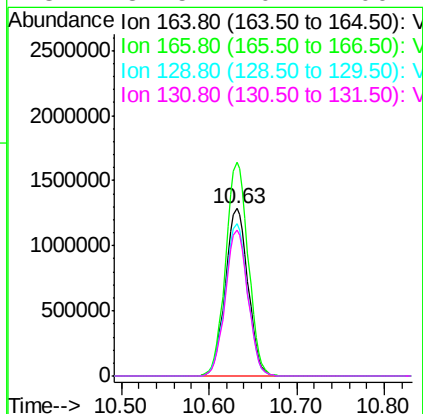
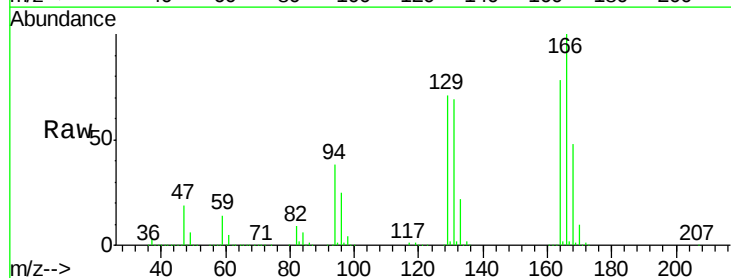
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tgt Ion:117 Resp: 1499537
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 31.9 25.5 38.3



#64
Tetrachloroethene
Concen: 141.889 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Tgt Ion:164 Resp: 2304754
Ion Ratio Lower Upper
164 100
166 127.8 102.9 154.3
129 91.0 73.7 110.5
131 87.5 70.7 106.1





#65

Chlorobenzene

Concen: 144.406 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

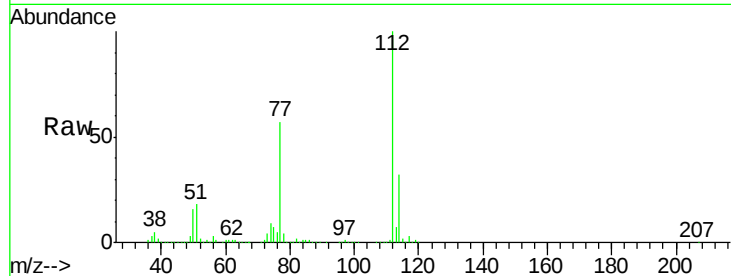
VSTDIC150

Tgt Ion:112 Resp: 4800142

Ion Ratio Lower Upper

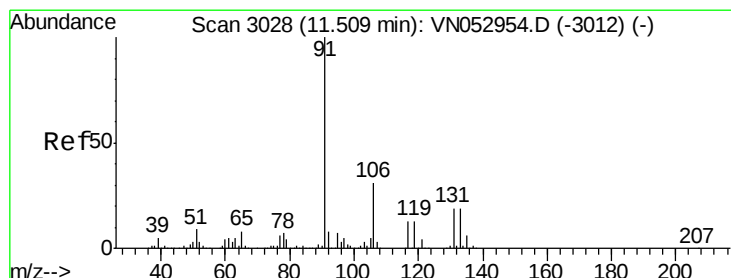
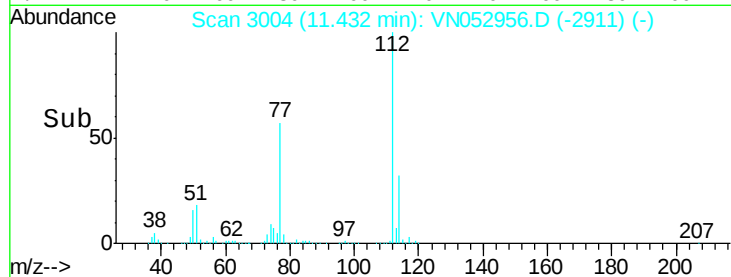
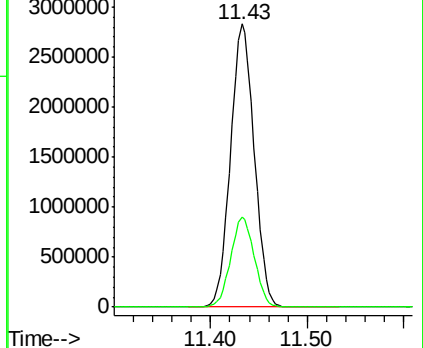
112 100

114 31.8 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 148.516 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

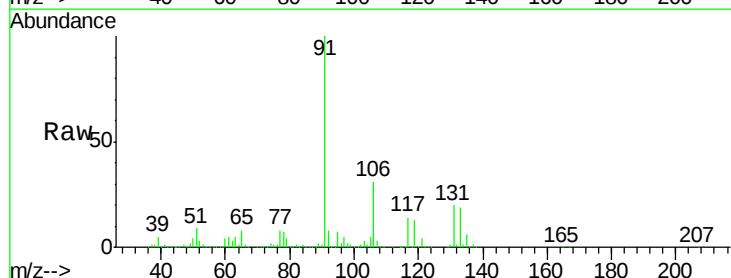
Tgt Ion:131 Resp: 1716737

Ion Ratio Lower Upper

131 100

133 96.0 47.6 142.9

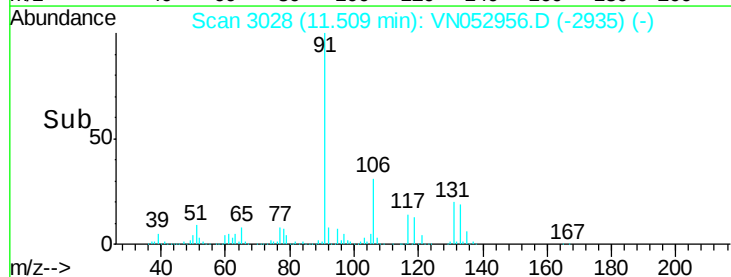
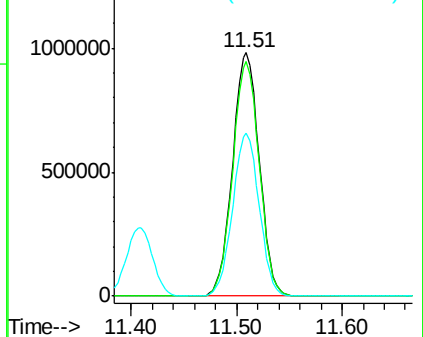
119 66.6 33.3 99.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 145.847 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampled :

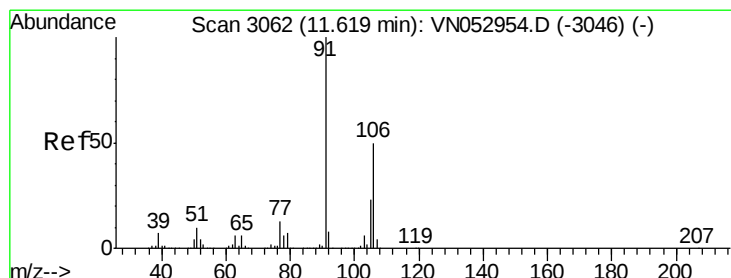
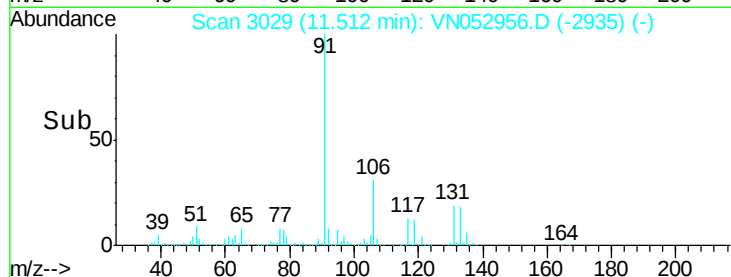
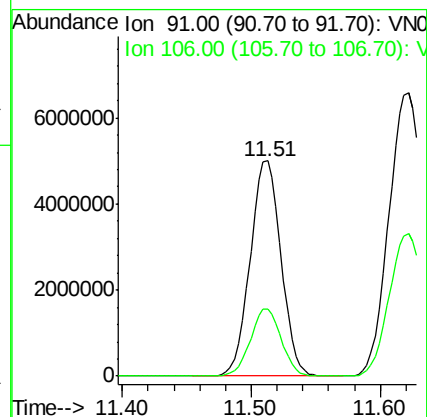
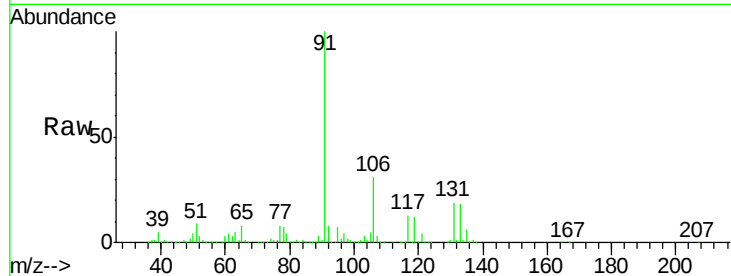
VSTDIC150

Tgt Ion: 91 Resp: 8337345

Ion Ratio Lower Upper

91 100

106 31.2 24.9 37.3



#68

m/p-Xylenes

Concen: 290.772 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN052956.D

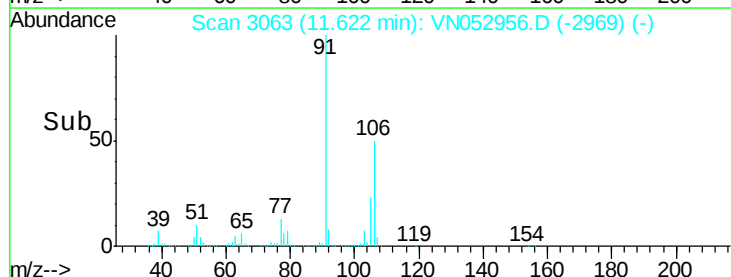
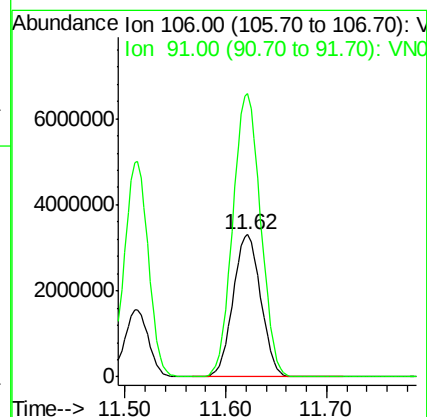
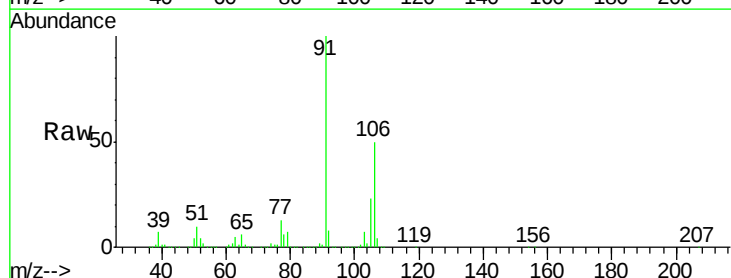
Acq: 18 Dec 2018 12:42

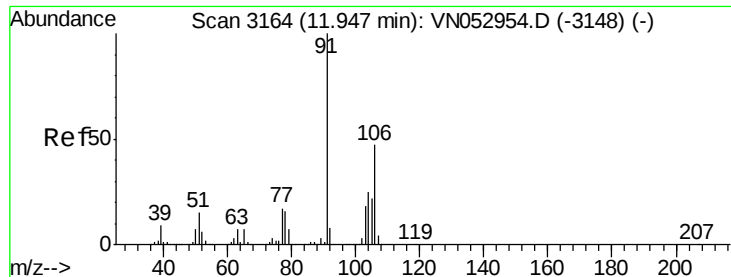
Tgt Ion: 106 Resp: 6318955

Ion Ratio Lower Upper

106 100

91 200.0 162.2 243.4

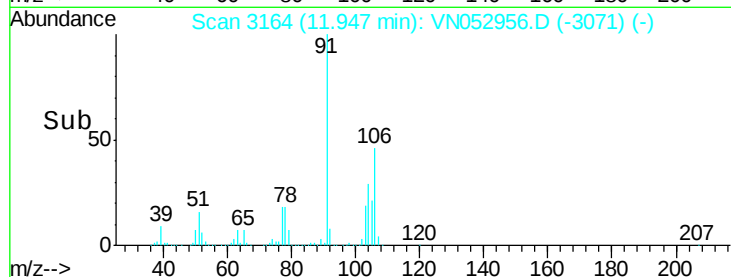
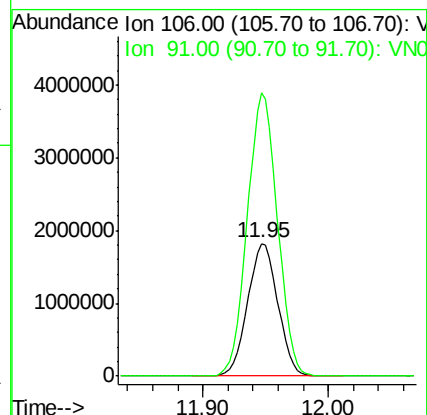
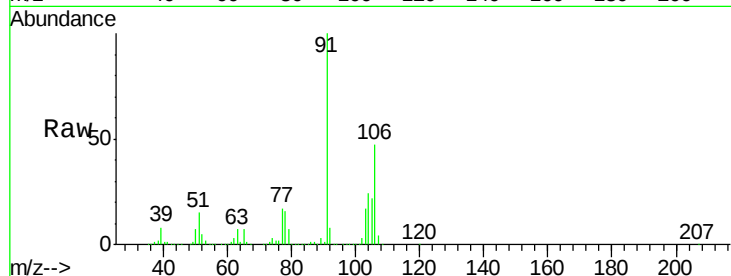




#69
o-Xylene
Concen: 146.240 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

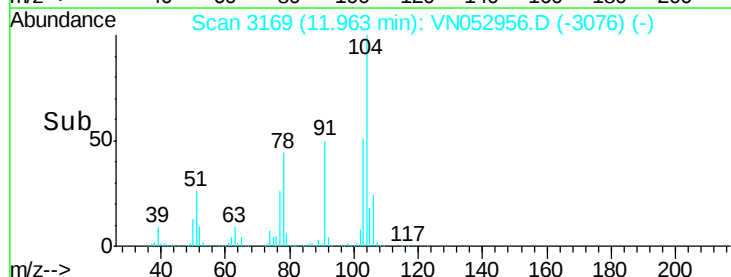
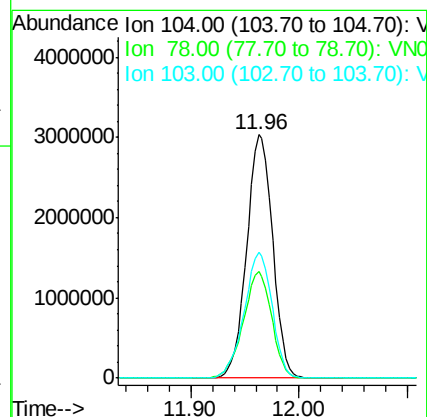
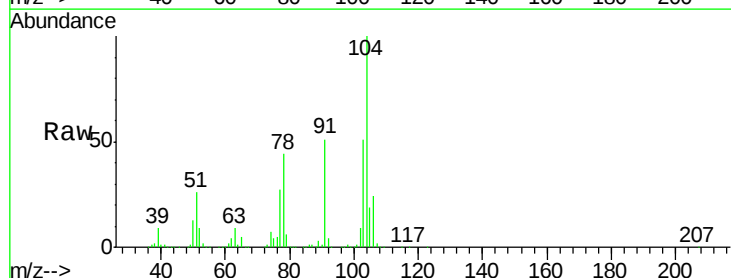
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

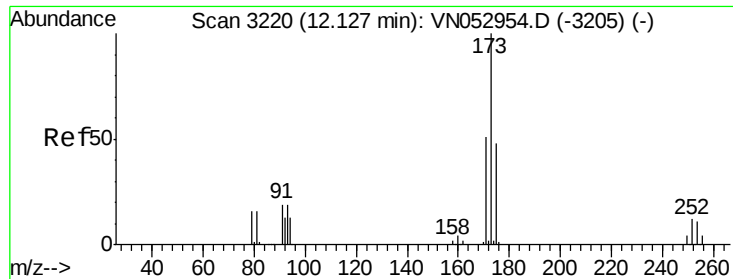
Tgt Ion:106 Resp: 3049579
Ion Ratio Lower Upper
106 100
91 212.9 106.6 319.8



#70
Styrene
Concen: 149.598 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN052956.D
Acq: 18 Dec 2018 12:42

Tgt Ion:104 Resp: 5086867
Ion Ratio Lower Upper
104 100
78 47.8 38.9 58.3
103 55.4 44.3 66.5





#71

Bromoform

Concen: 150.513 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

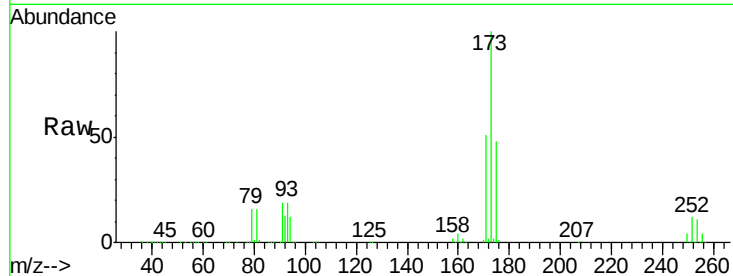
Tgt Ion:173 Resp: 1256875

Ion Ratio Lower Upper

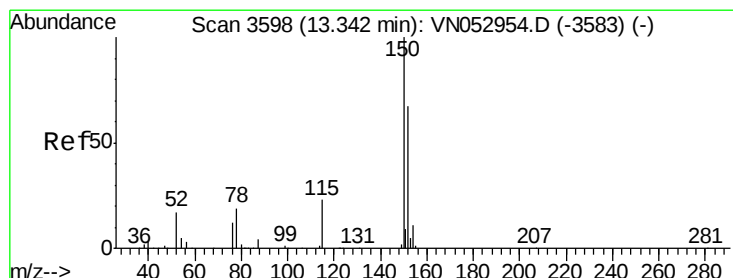
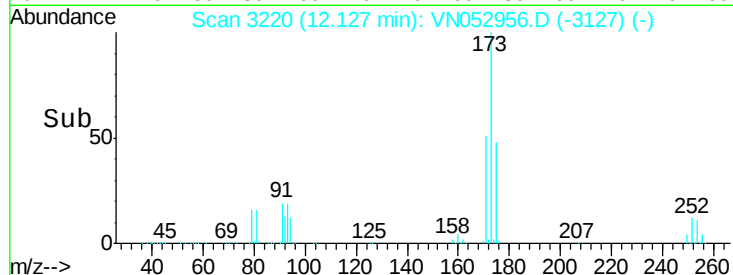
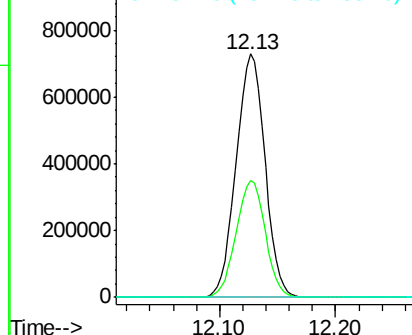
173 100

175 48.3 24.3 72.9

254 0.2 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

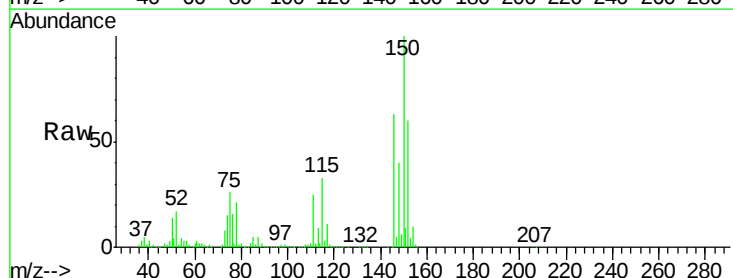
Tgt Ion:152 Resp: 741124

Ion Ratio Lower Upper

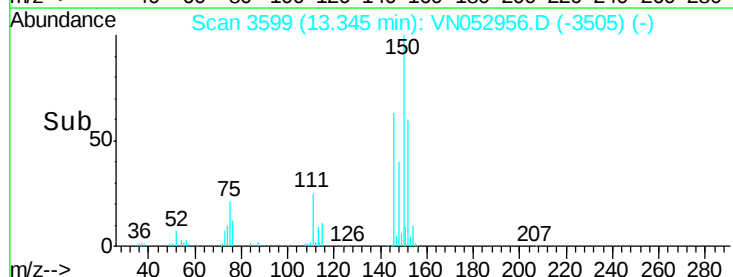
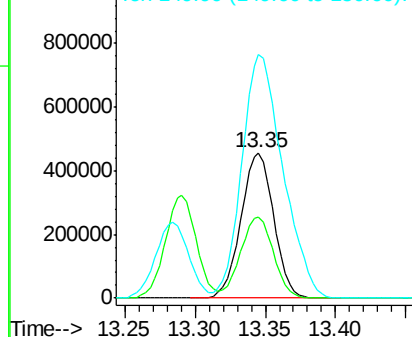
152 100

115 55.9 28.3 85.0

150 209.4 0.0 347.8



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





#73

Isopropylbenzene

Concen: 139.232 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampled :

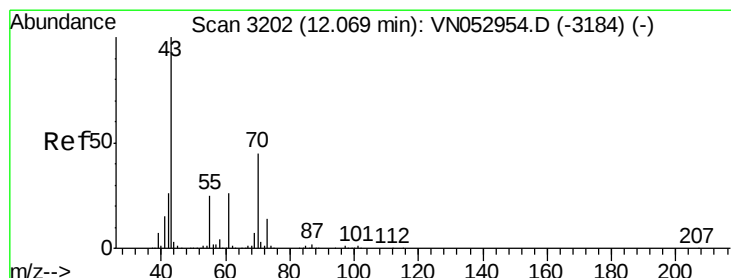
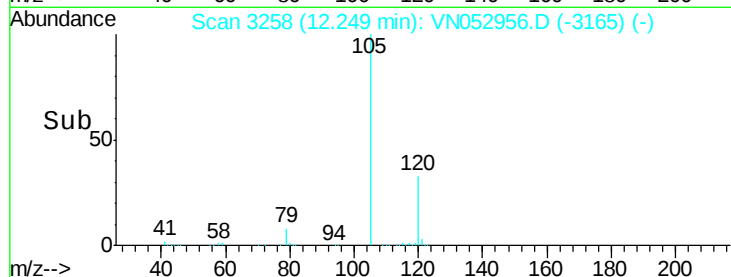
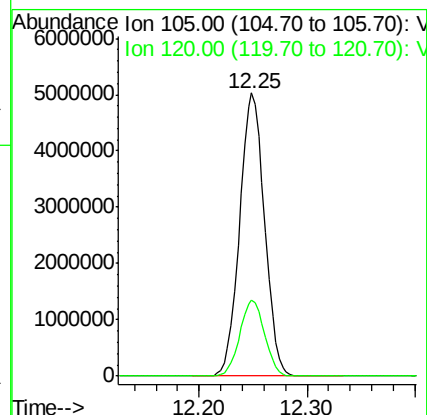
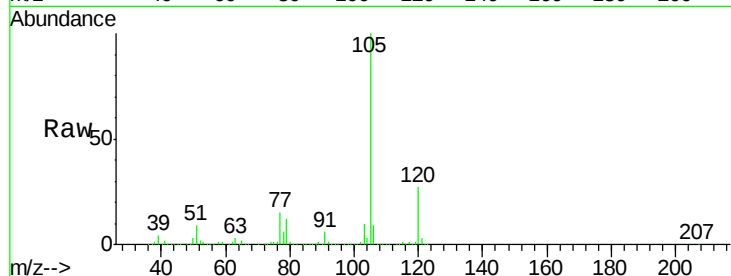
VSTDIC150

Tgt Ion:105 Resp: 8073573

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



#74

N-ethyl acetate

Concen: 146.971 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Tgt Ion: 43 Resp: 2366109

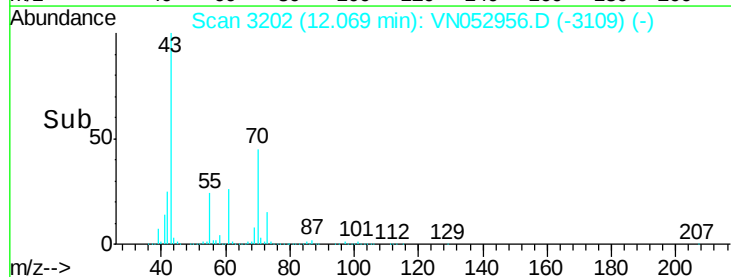
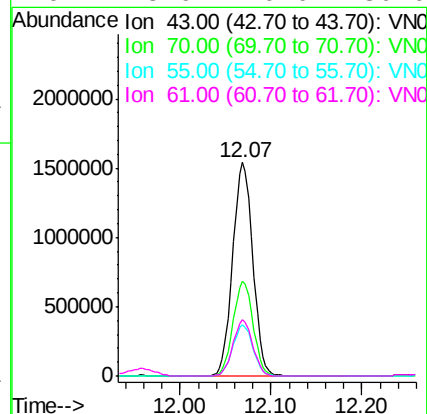
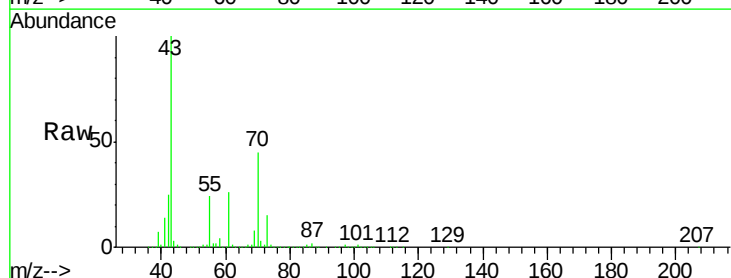
Ion Ratio Lower Upper

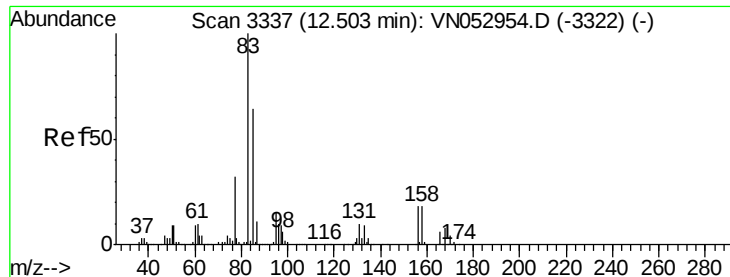
43 100

70 44.4 34.2 51.4

55 24.2 20.3 30.5

61 25.9 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 137.438 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

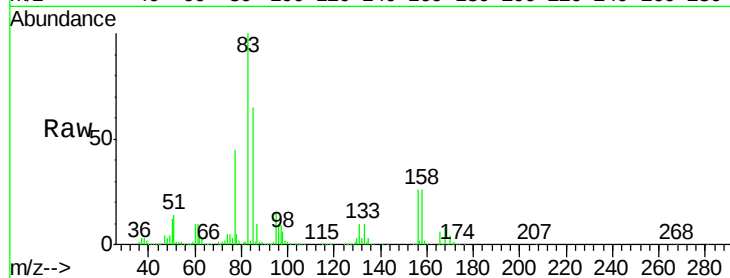
Tgt Ion: 83 Resp: 1563502

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

85 64.7 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN052956.D (-3338) (-)

Ion 130.80 (130.50 to 131.50): VN052956.D (-3338) (-)

Ion 84.90 (84.60 to 85.60): VN052956.D (-3338) (-)

1200000

1000000

800000

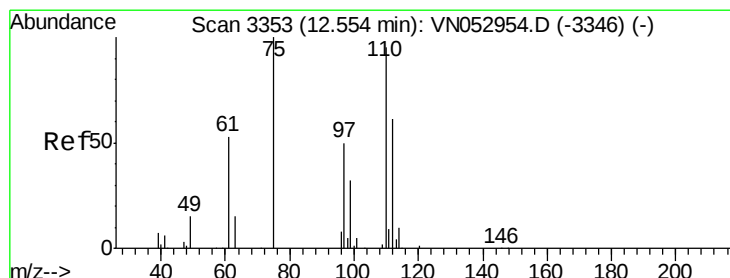
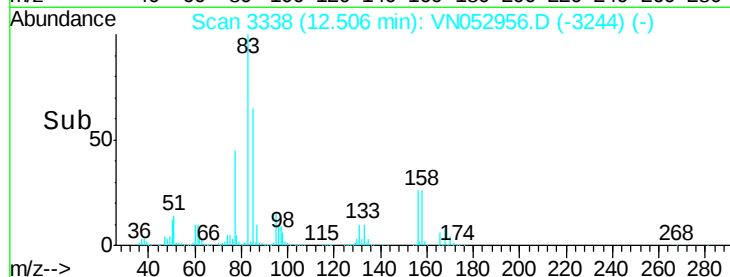
600000

400000

200000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 193.741 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN052956.D

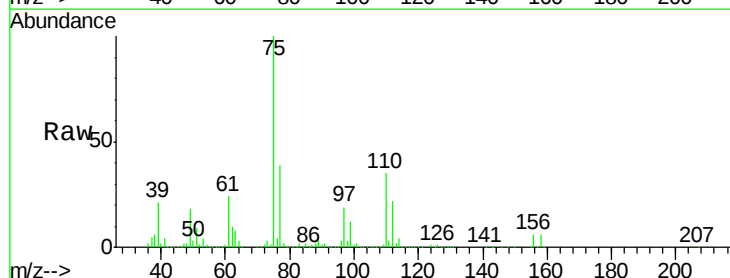
Acq: 18 Dec 2018 12:42

Tgt Ion: 75 Resp: 2417126

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN052956.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN052956.D (-3353) (-)

2000000

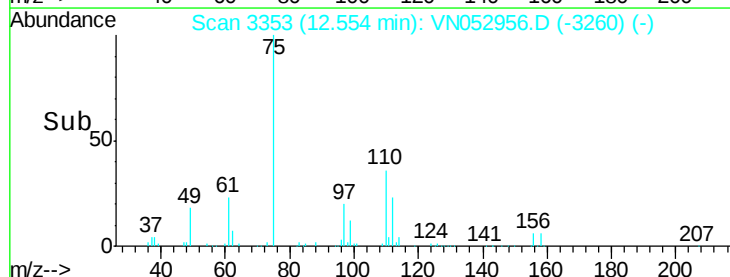
1500000

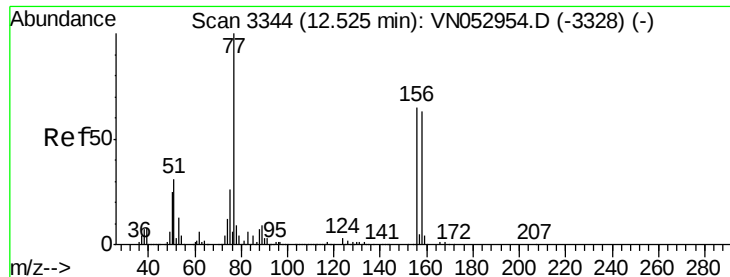
1000000

500000

0

Time-->





#77

Bromobenzene

Concen: 139.209 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

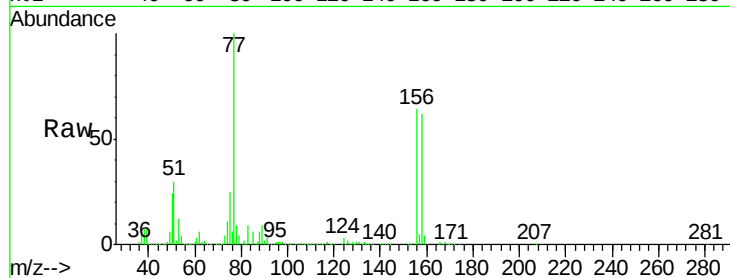
Tgt Ion:156 Resp: 2098321

Ion Ratio Lower Upper

156 100

77 181.3 91.3 273.8

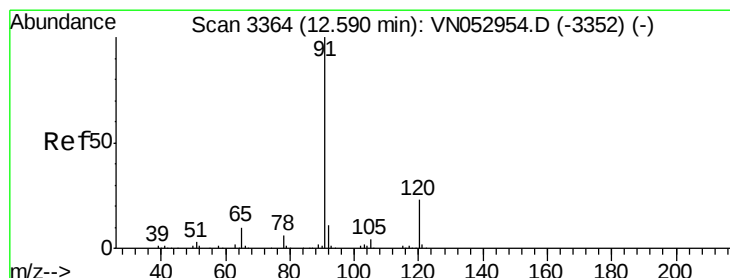
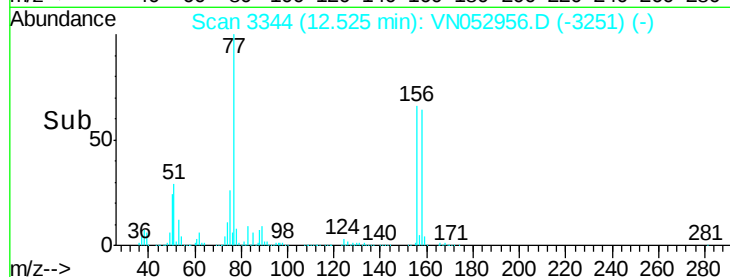
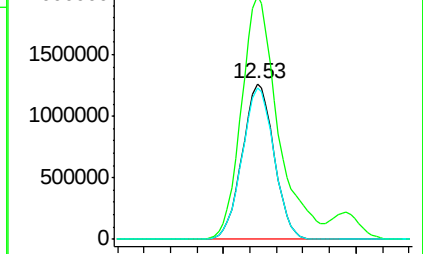
158 98.0 49.0 147.2



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: 141.365 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN052956.D

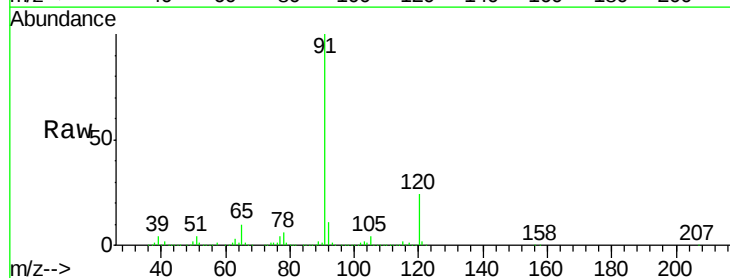
Acq: 18 Dec 2018 12:42

Tgt Ion: 91 Resp: 9335966

Ion Ratio Lower Upper

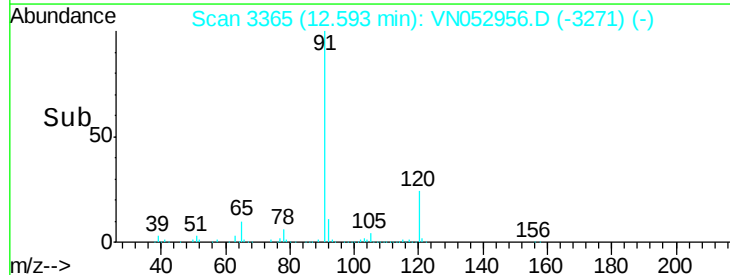
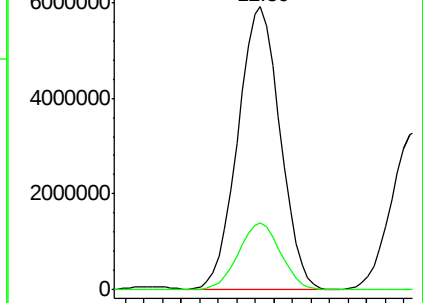
91 100

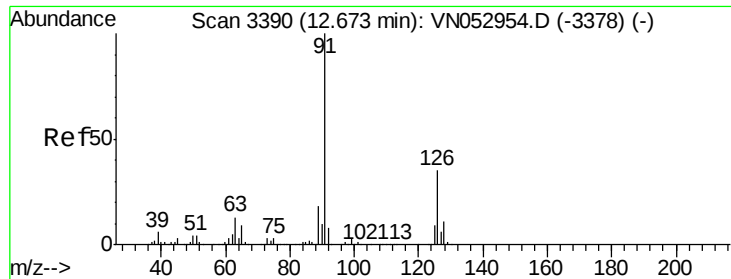
120 23.6 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

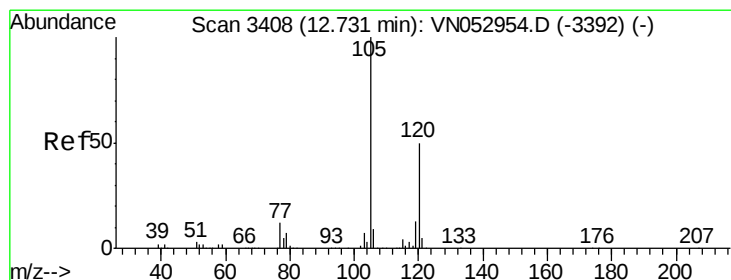
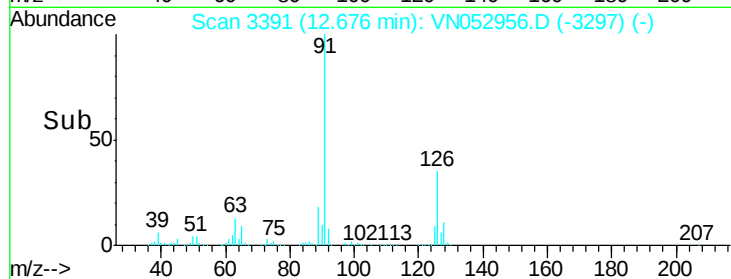
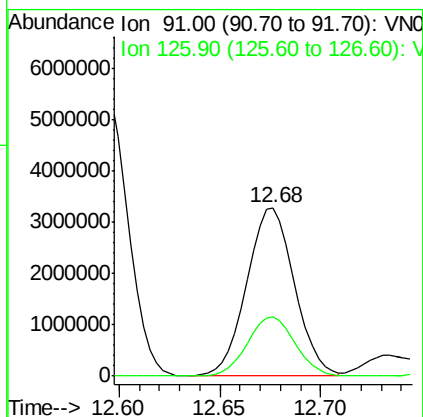
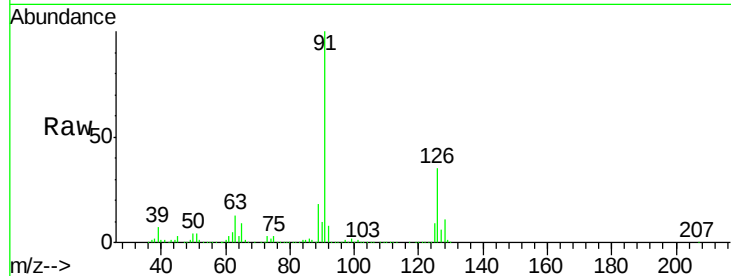




#79
 2-Chlorotoluene
 Concen: 132.387 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

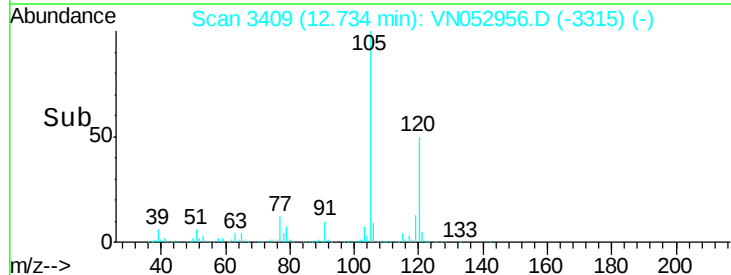
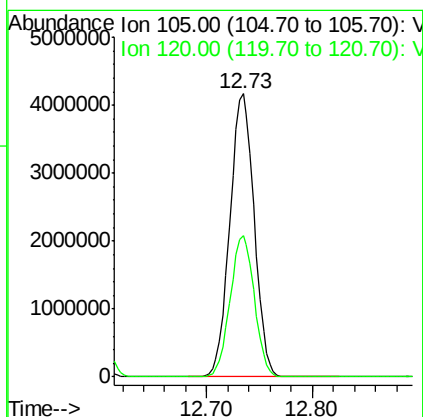
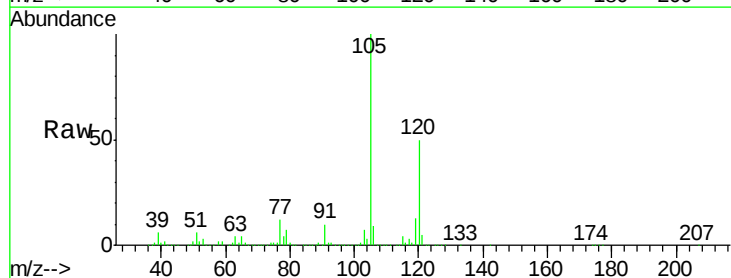
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tgt Ion: 91 Resp: 5419325
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 140.334 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion: 105 Resp: 6632760
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 158.409 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

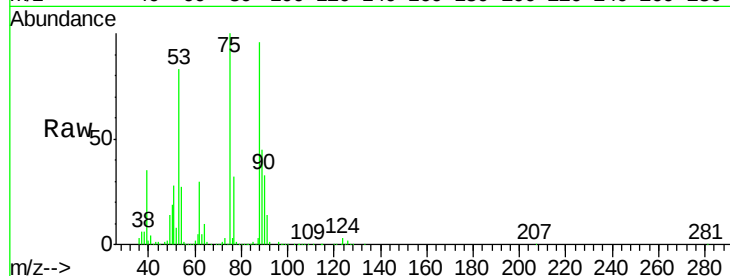
Tgt Ion: 75 Resp: 613169

Ion Ratio Lower Upper

75 100

53 83.9 74.7 112.1

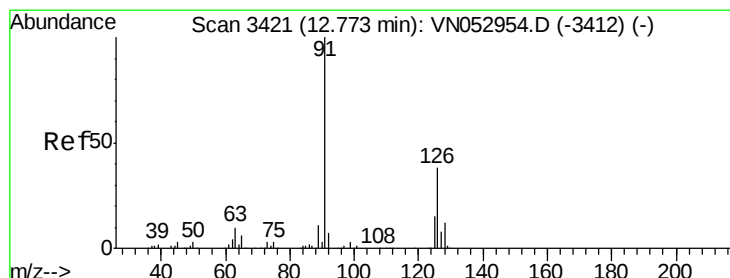
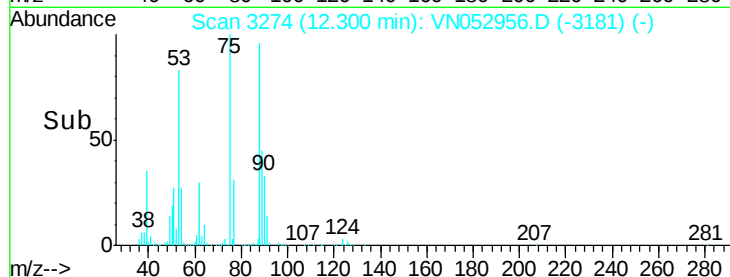
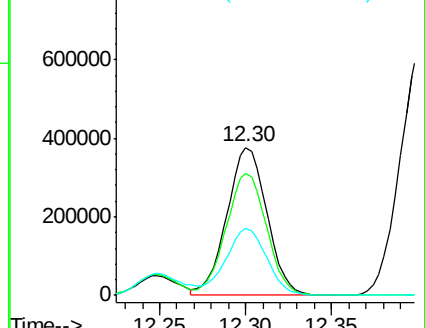
89 46.7 36.1 54.1



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: 142.239 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN052956.D

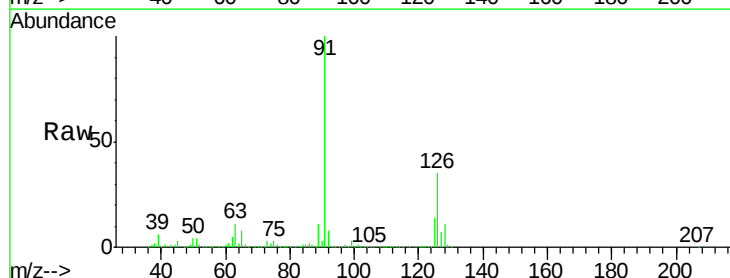
Acq: 18 Dec 2018 12:42

Tgt Ion: 91 Resp: 5699823

Ion Ratio Lower Upper

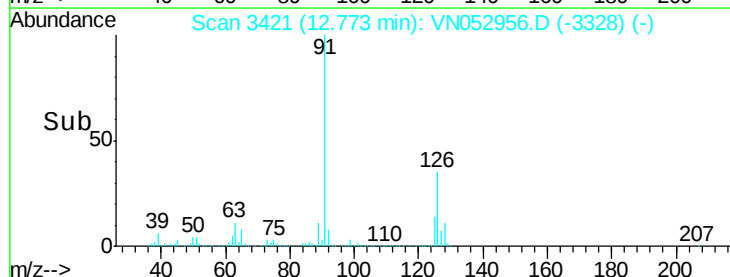
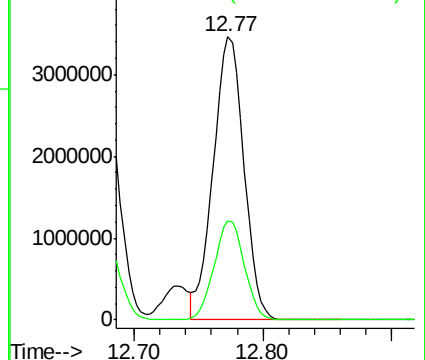
91 100

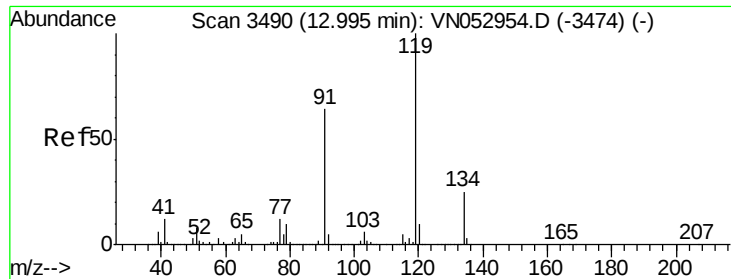
126 34.6 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

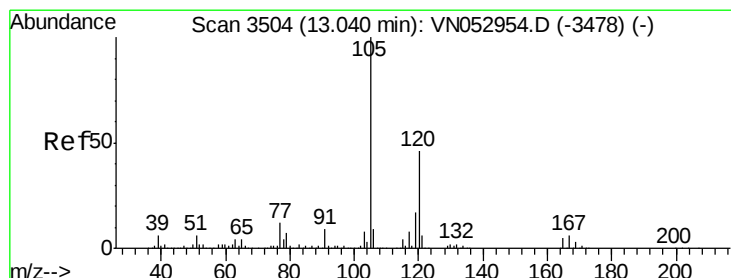
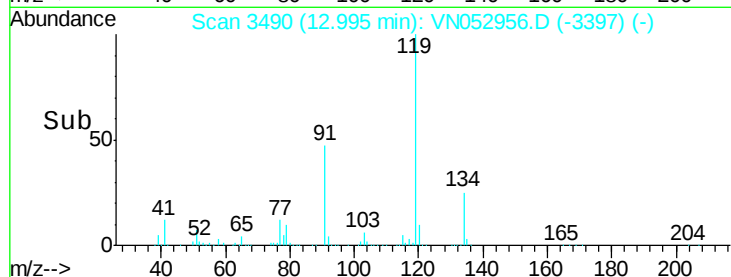
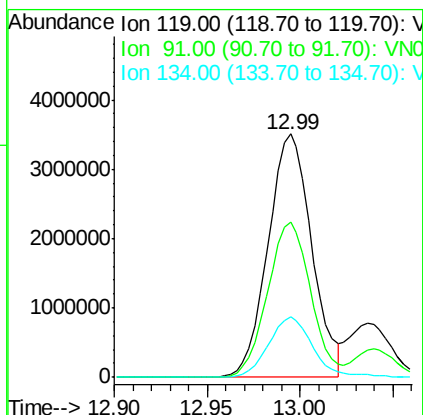
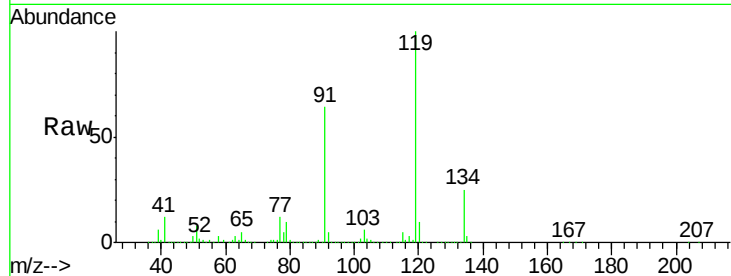




#83
 tert-Butylbenzene
 Concen: 137.553 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

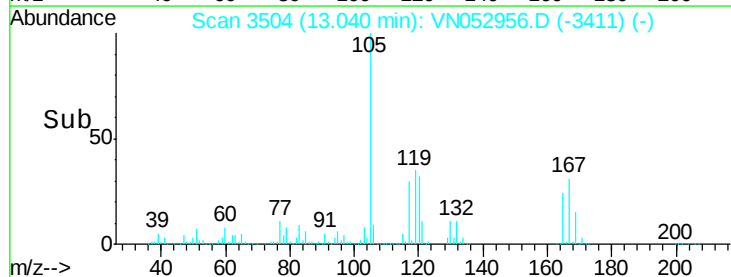
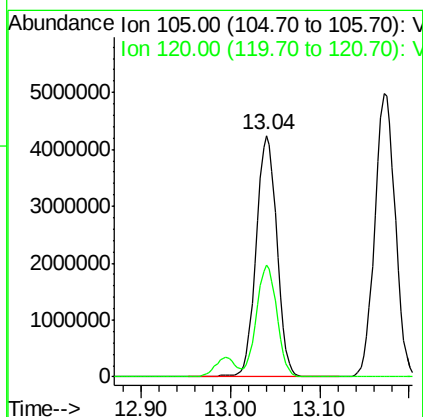
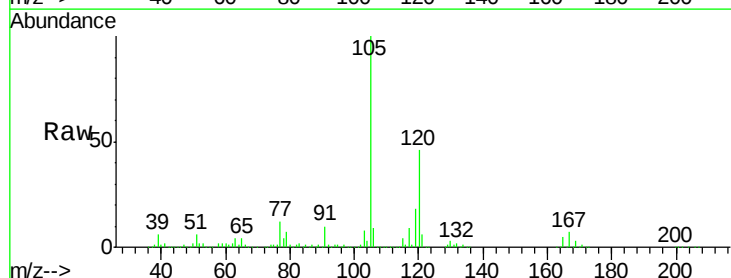
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

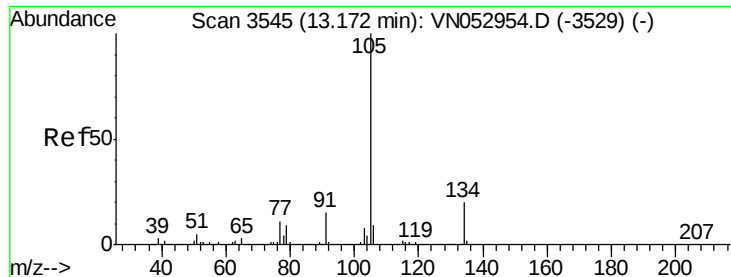
Tgt Ion:119 Resp: 5749803
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.9 95.5
 134 25.4 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 143.493 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion:105 Resp: 6817868
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8

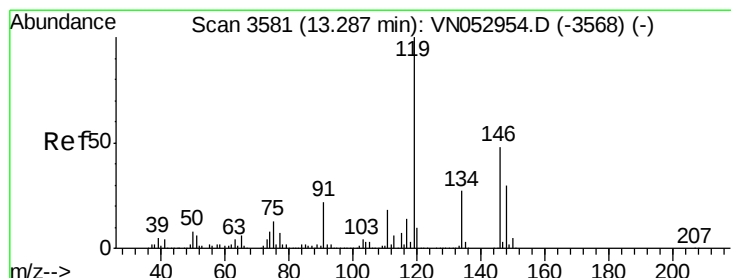
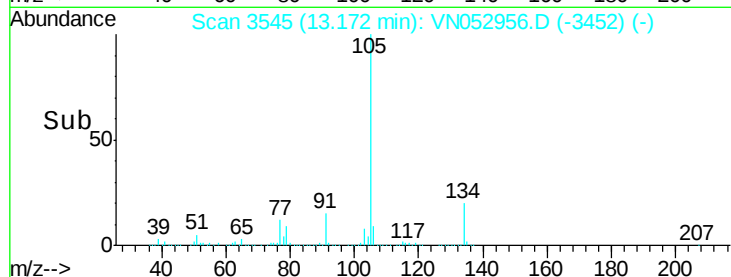
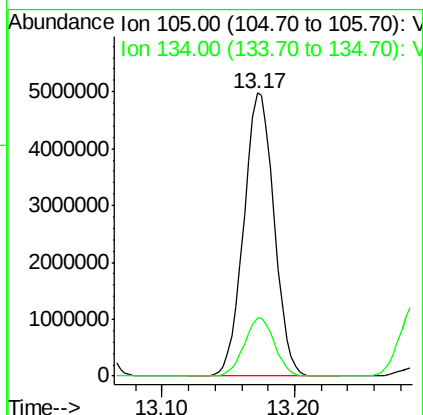
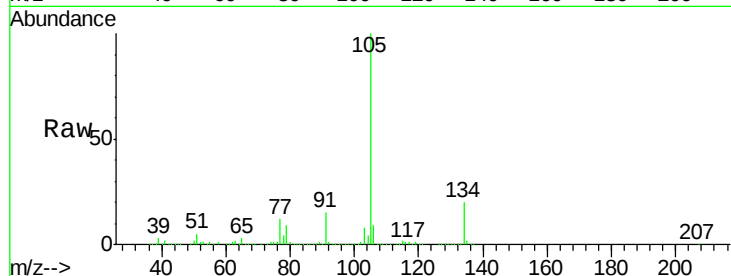




#85
 sec-Butylbenzene
 Concen: 139.208 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

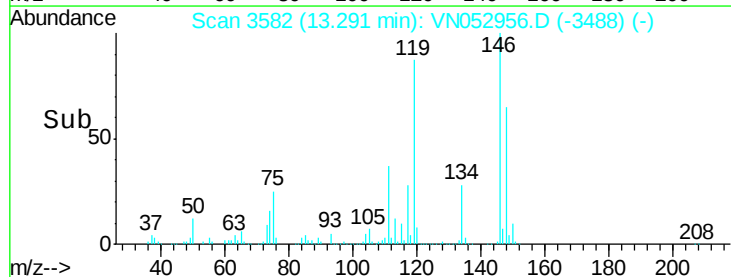
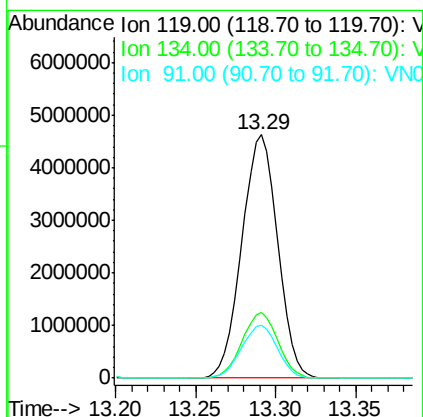
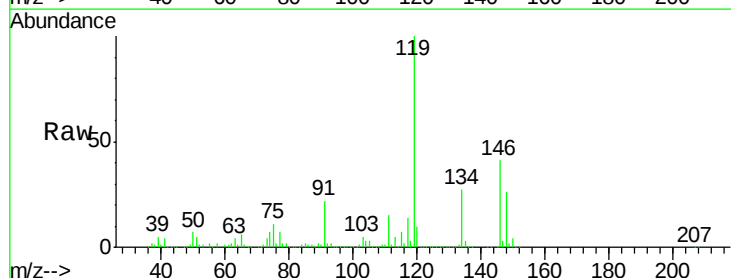
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

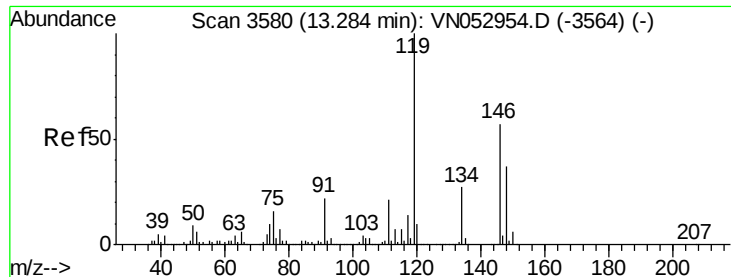
Tgt Ion:105 Resp: 7870762
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 144.572 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN052956.D
 Acq: 18 Dec 2018 12:42

Tgt Ion:119 Resp: 7063041
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.4 40.2
 91 21.8 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 142.824 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

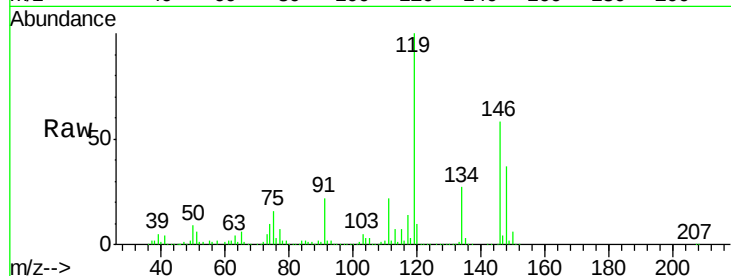
Tgt Ion:146 Resp: 3810223

Ion Ratio Lower Upper

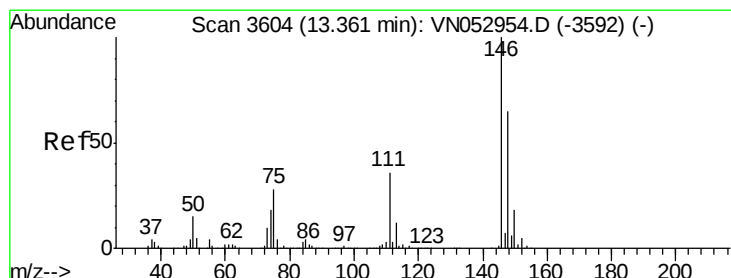
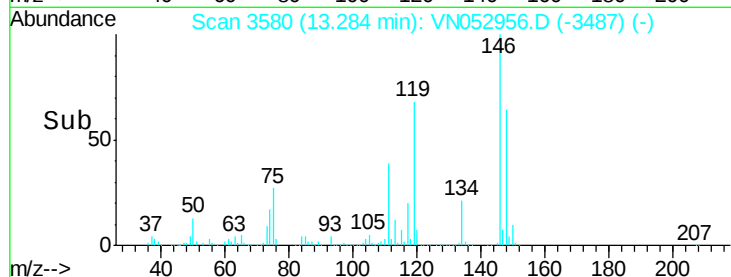
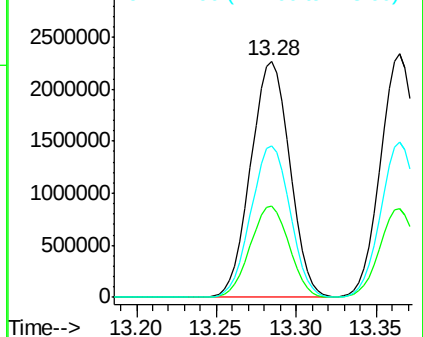
146 100

111 38.3 19.1 57.1

148 64.3 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 139.869 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

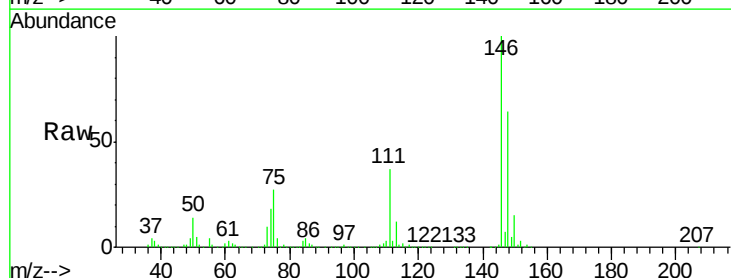
Tgt Ion:146 Resp: 3778724

Ion Ratio Lower Upper

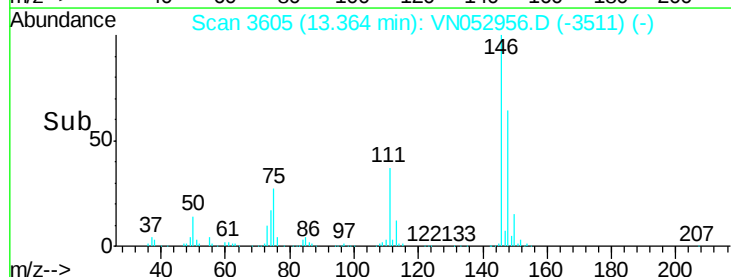
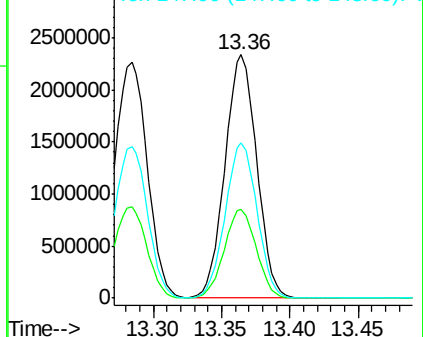
146 100

111 36.8 18.6 55.8

148 63.8 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 145.107 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampled :

VSTDICC150

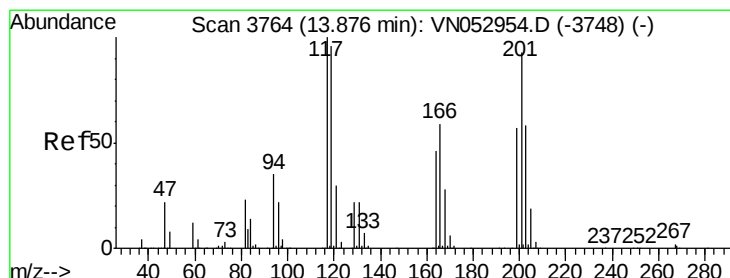
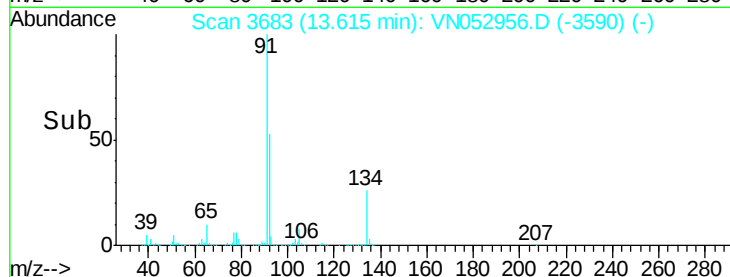
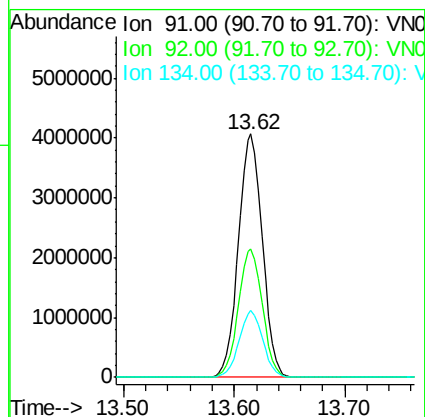
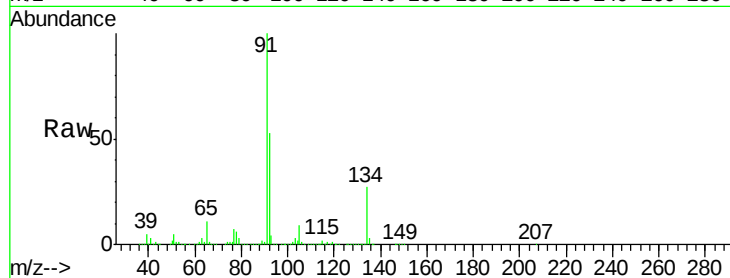
Tgt Ion: 91 Resp: 6098913

Ion Ratio Lower Upper

91 100

92 52.9 26.3 78.9

134 27.1 13.3 39.8



#90

Hexachloroethane

Concen: 155.234 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN052956.D

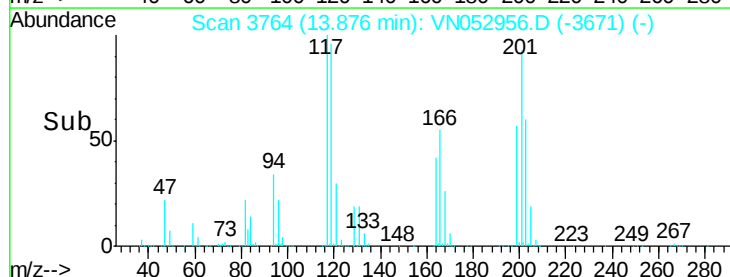
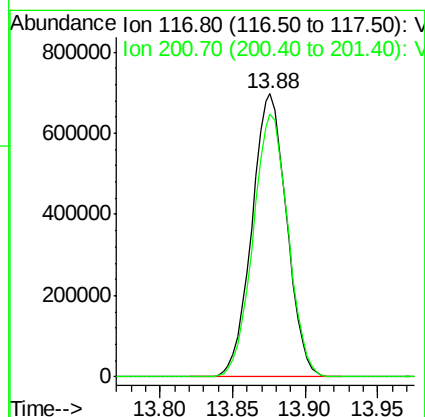
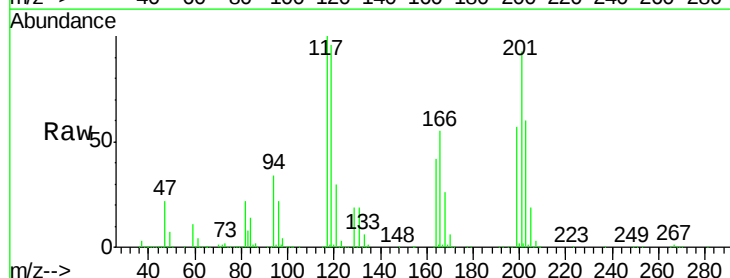
Acq: 18 Dec 2018 12:42

Tgt Ion: 117 Resp: 1163814

Ion Ratio Lower Upper

117 100

201 93.3 45.7 137.1





#91

1,2-Dichlorobenzene

Concen: 137.948 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

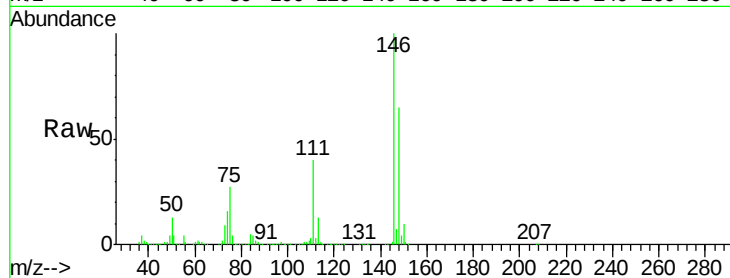
Tgt Ion:146 Resp: 3463548

Ion Ratio Lower Upper

146 100

111 39.6 19.7 59.0

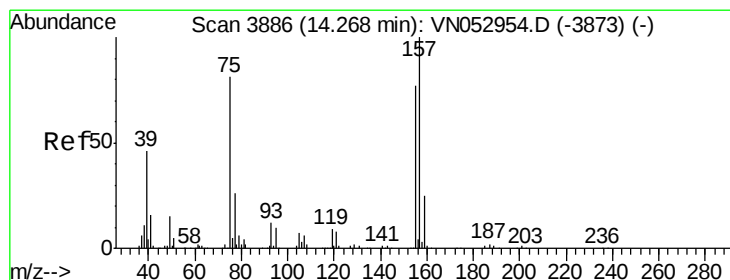
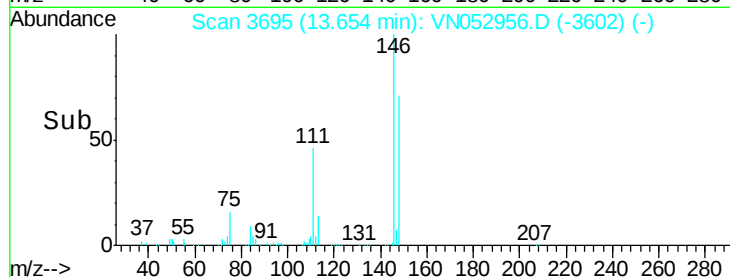
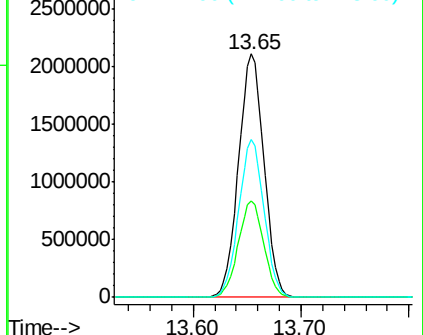
148 64.5 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 141.141 ug/l

RT: 14.27 min Scan# 3887

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

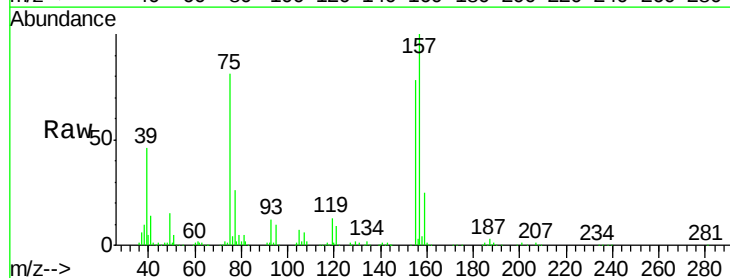
Tgt Ion: 75 Resp: 277623

Ion Ratio Lower Upper

75 100

155 96.2 48.2 144.6

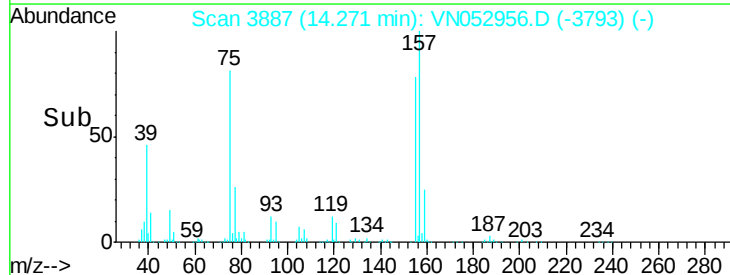
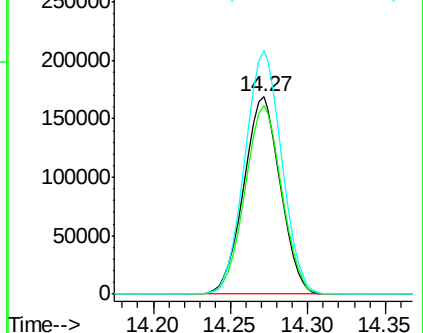
157 124.5 61.2 183.5

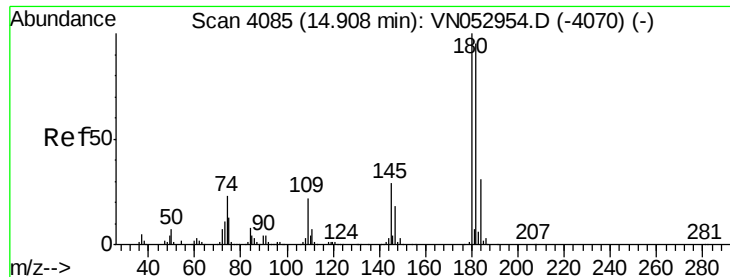


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 151.573 ug/l

RT: 14.91 min Scan# 4086

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

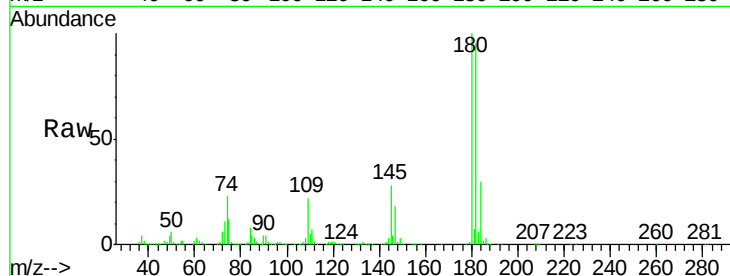
Tgt Ion:180 Resp: 2032550

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.3

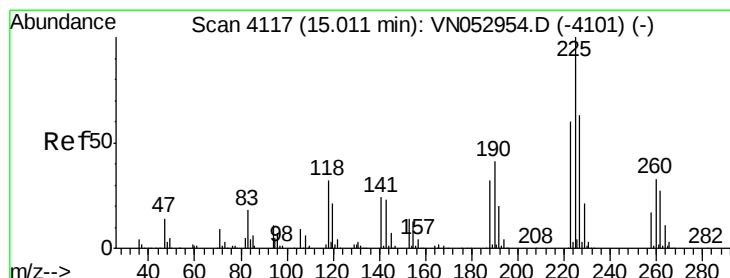
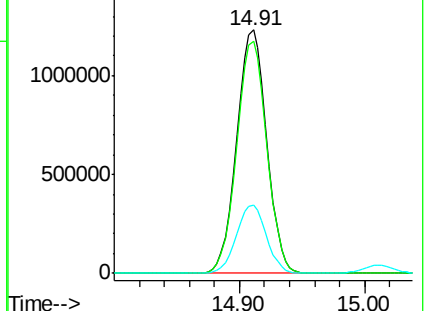
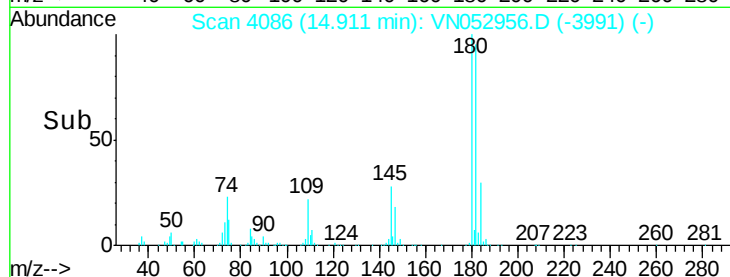
145 28.3 14.2 42.6



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: 148.139 ug/l

RT: 15.01 min Scan# 4117

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

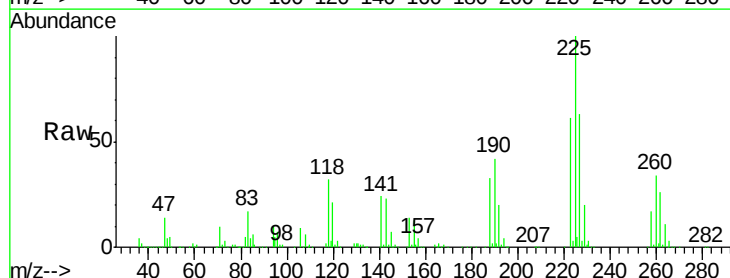
Tgt Ion:225 Resp: 981492

Ion Ratio Lower Upper

225 100

223 62.1 31.5 94.5

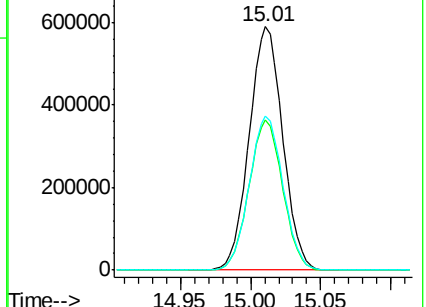
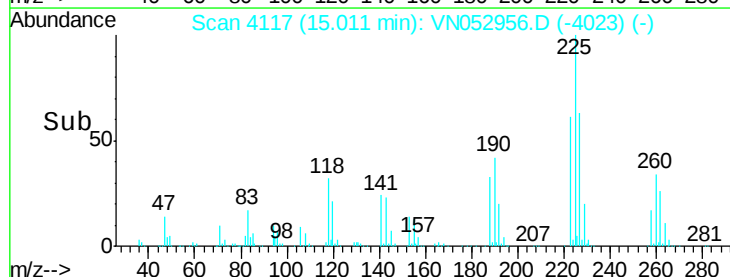
227 63.8 31.9 95.7

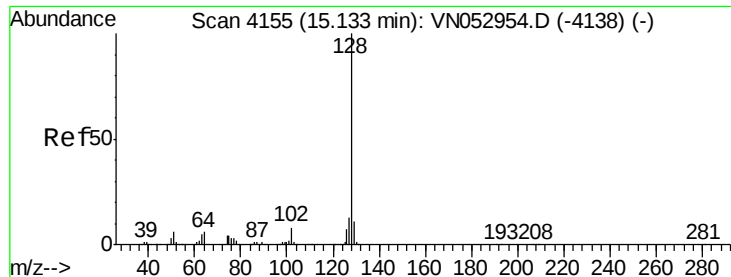


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 151.698 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

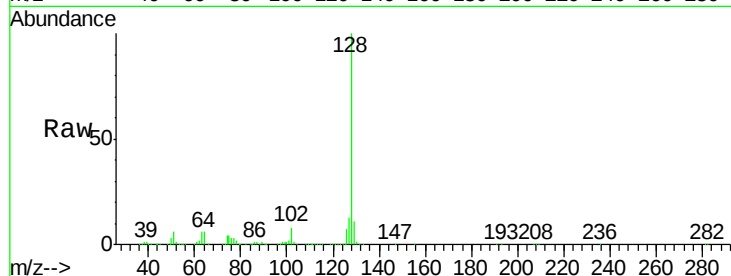
Tgt Ion:128 Resp: 4489891

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

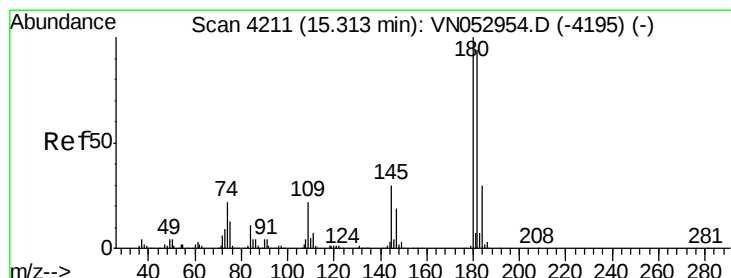
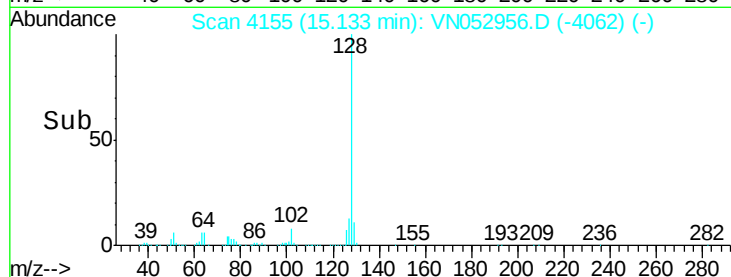
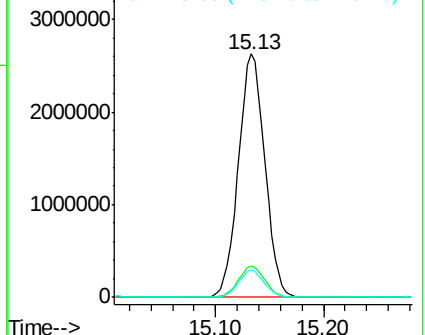
129 10.9 8.6 13.0



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: 151.754 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN052956.D

Acq: 18 Dec 2018 12:42

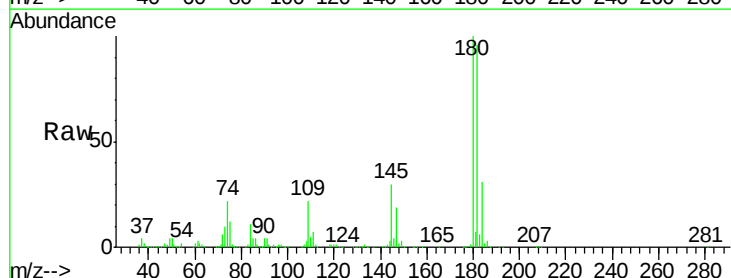
Tgt Ion:180 Resp: 1830324

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.7

145 30.3 15.0 45.0



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

