

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010319\
 Data File : VN053251.D
 Acq On : 3 Jan 2019 10:16
 Operator : MD\SY
 Sample : VN0103WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBS01

Quant Time: Jan 04 00:51:45 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	7.66	168	902572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1336008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1198201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	480494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	447849	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	383645	62.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.72%	
50) Toluene-d8	10.09	98	1632990	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
62) 4-Bromofluorobenzene	12.40	95	551635	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	155379	17.010	ug/l	100
3) Chloromethane	2.06	50	195045	17.620	ug/l	100
4) Vinyl Chloride	2.19	62	198200	17.680	ug/l	99
5) Bromomethane	2.57	94	131038	16.871	ug/l	99
6) Chloroethane	2.71	64	120855	18.202	ug/l	98
7) Trichlorofluoromethane	3.02	101	266392	19.075	ug/l	100
8) Diethyl Ether	3.41	74	103521	19.649	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	179800	20.192	ug/l	99
10) Methyl Iodide	3.96	142	233074	18.639	ug/l	100
11) Tert butyl alcohol	4.77	59	48931	87.553	ug/l	99
12) 1,1-Dichloroethene	3.74	96	160553	18.663	ug/l	97
13) Acrolein	3.61	56	38467	75.909	ug/l	93
14) Allyl chloride	4.33	41	257575	19.330	ug/l	96
15) Acrylonitrile	4.99	53	308499	99.362	ug/l	99
16) Acetone	3.82	43	220764	122.929	ug/l	96
17) Carbon Disulfide	4.06	76	415105	14.796	ug/l	99
18) Methyl Acetate	4.33	43	175170	22.056	ug/l	100
19) Methyl tert-butyl Ether	5.05	73	459735	19.970	ug/l	100
20) Methylene Chloride	4.55	84	194265	19.831	ug/l	96
21) trans-1,2-Dichloroethene	5.05	96	172830	18.699	ug/l	97
22) Diisopropyl ether	5.95	45	602472	21.182	ug/l	99
23) Vinyl Acetate	5.90	43	1685206	103.035	ug/l	99
24) 1,1-Dichloroethane	5.85	63	339262	20.073	ug/l	99
25) 2-Butanone	6.83	43	336906	111.784	ug/l	97
26) 2,2-Dichloropropane	6.83	77	255605	19.811	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	208517	19.927	ug/l	100
28) Bromochloromethane	7.20	49	145175	19.822	ug/l	98
29) Tetrahydrofuran	7.21	42	224080	99.547	ug/l	98
30) Chloroform	7.37	83	336011	20.238	ug/l	99
31) Cyclohexane	7.65	56	307580	18.747	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	278452	19.687	ug/l	99
36) 1,1-Dichloropropene	7.79	75	249190	19.433	ug/l	100
37) Ethyl Acetate	6.93	43	149762	20.921	ug/l	99
38) Carbon Tetrachloride	7.78	117	237337	20.192	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	292633	18.785	ug/l	98
40) Benzene	8.04	78	779641	20.440	ug/l	100
41) Methacrylonitrile	7.17	41	89767	21.703	ug/l	92
42) 1,2-Dichloroethane	8.12	62	227925	20.228	ug/l	97
43) Isopropyl Acetate	8.16	43	272706	19.039	ug/l	98
44) Trichloroethene	8.84	130	210387	19.070	ug/l	94
45) 1,2-Dichloropropane	9.12	63	212308	21.369	ug/l	98
46) Dibromomethane	9.21	93	118151	20.414	ug/l	98
47) Bromodichloromethane	9.40	83	256829	20.876	ug/l	100
48) Methyl methacrylate	9.20	41	135865	19.559	ug/l	98
49) 1,4-Dioxane	9.20	88	27429	312.153	ug/l	97
51) 4-Methyl-2-Pentanone	9.99	43	729299	105.199	ug/l	99
52) Toluene	10.16	92	486697	20.586	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	252825	19.543	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	302958	20.402	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	176459	21.394	ug/l	99
56) Ethyl methacrylate	10.43	69	218606	20.024	ug/l	98
57) 1,3-Dichloropropane	10.71	76	296801	20.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	615880	102.760	ug/l	98
59) 2-Hexanone	10.75	43	489486	104.358	ug/l	99
60) Dibromochloromethane	10.90	129	192280	20.366	ug/l	98
61) 1,2-Dibromoethane	11.00	107	166554	19.883	ug/l	98
64) Tetrachloroethene	10.63	164	223632	17.230	ug/l	98
65) Chlorobenzene	11.43	112	541832	20.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	191521	20.735	ug/l	99
67) Ethyl Benzene	11.51	91	922997	20.207	ug/l	100
68) m/p-Xylenes	11.62	106	695664	40.062	ug/l	100
69) o-Xylene	11.95	106	340921	20.460	ug/l	100
70) Styrene	11.96	104	551814	20.309	ug/l	99
71) Bromoform	12.13	173	120556	18.067	ug/l #	98
73) Isopropylbenzene	12.25	105	909560	24.194	ug/l	99
74) N-amyl acetate	12.07	43	222160	21.285	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	173347	23.503	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	232781	28.779	ug/l #	100
77) Bromobenzene	12.53	156	226272	23.154	ug/l	97
78) n-propylbenzene	12.59	91	1012693	23.652	ug/l	99
79) 2-Chlorotoluene	12.67	91	597681	22.520	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	702955	22.940	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	51596	20.560	ug/l	99
82) 4-Chlorotoluene	12.77	91	595858	22.935	ug/l	99
83) tert-Butylbenzene	12.99	119	637773	23.533	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	695738	22.586	ug/l	100
85) sec-Butylbenzene	13.17	105	830013	22.643	ug/l	100
86) p-Isopropyltoluene	13.29	119	699056	22.070	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	356024	20.584	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	344697	19.680	ug/l	99
89) n-Butylbenzene	13.62	91	538547	19.763	ug/l	99
90) Hexachloroethane	13.88	117	104156	21.428	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	298814	18.357	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	10260	8.045	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration

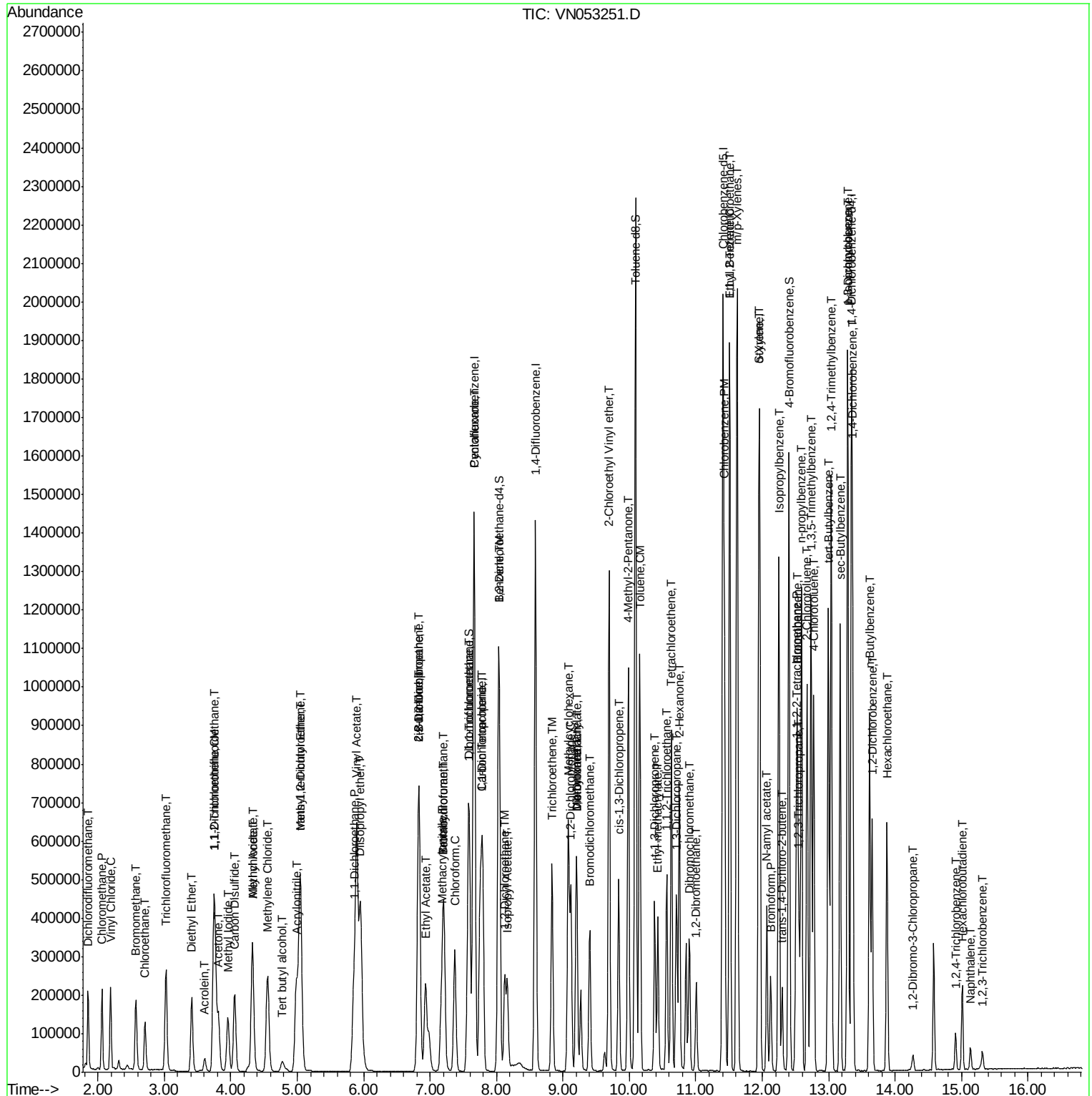
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	33026	4.380	ug/l	99
94) Hexachlorobutadiene	15.01	225	47022	8.125	ug/l	99
95) Naphthalene	15.13	128	49015	3.682	ug/l	98
96) 1,2,3-Trichlorobenzene	15.32	180	18306	2.841	ug/l	97

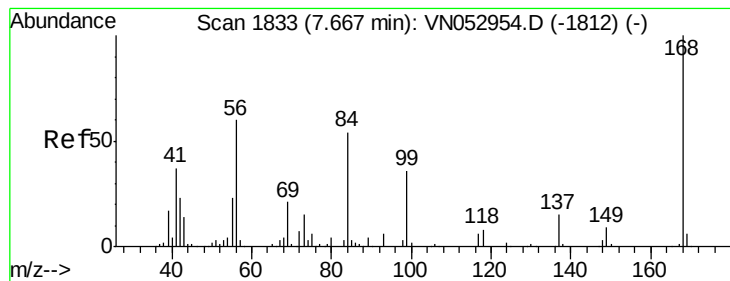
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN010319\
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Quant Title : SW846 8260
QLast Update : Tue Dec 18 13:03:37 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

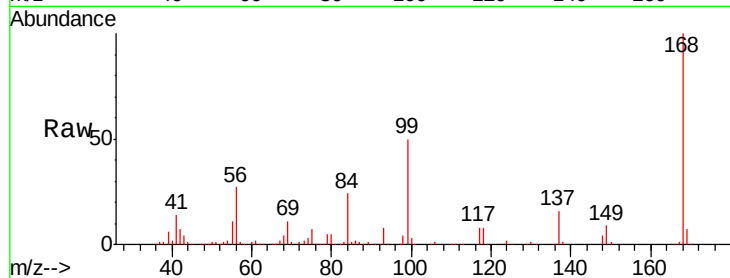
VN0103WBS01

Tgt Ion:168 Resp: 902572

Ion Ratio Lower Upper

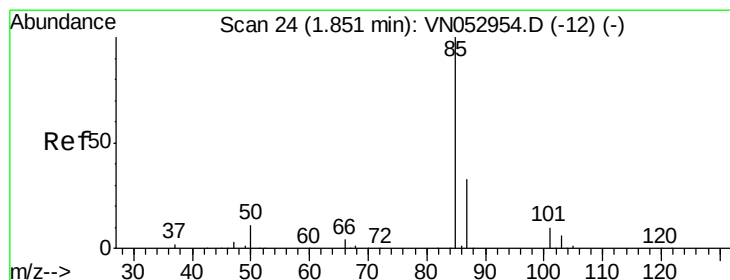
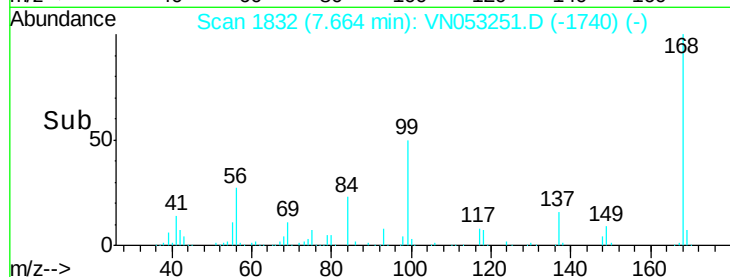
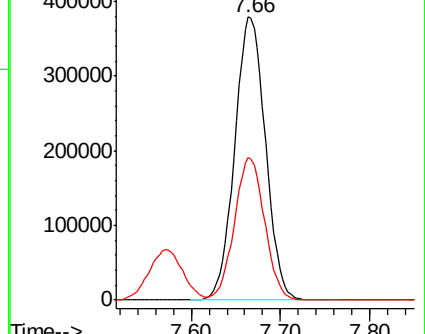
168 100

99 50.3 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 17.010 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN053251.D

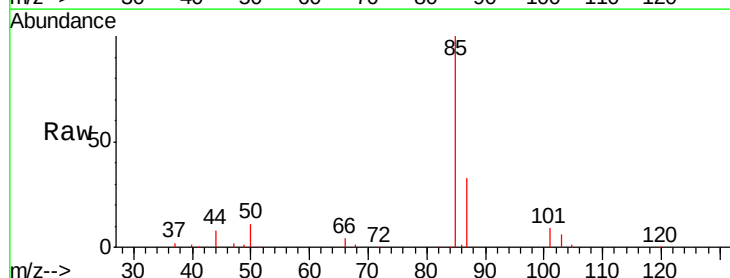
Acq: 3 Jan 2019 10:16

Tgt Ion: 85 Resp: 155379

Ion Ratio Lower Upper

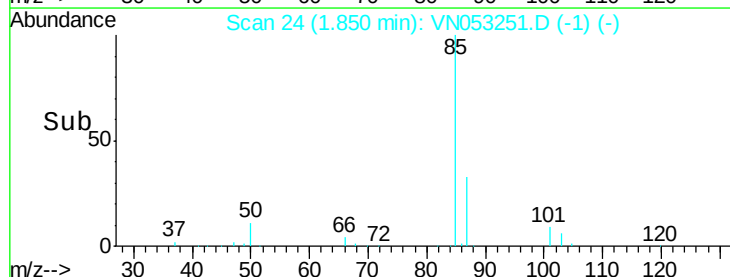
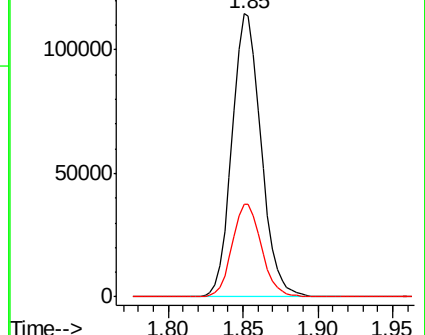
85 100

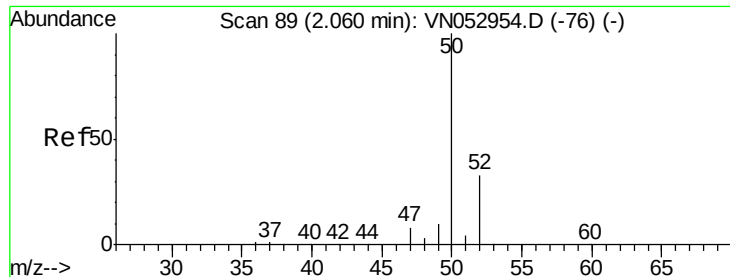
87 32.6 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 17.620 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

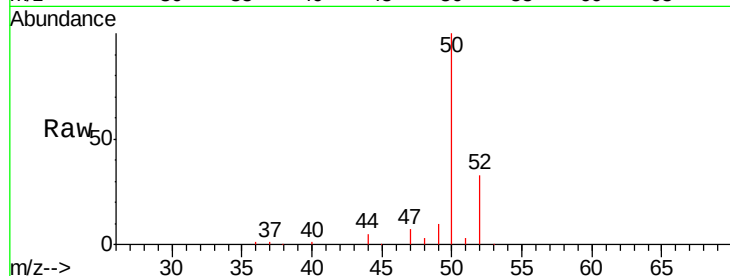
VN0103WBS01

Tgt Ion: 50 Resp: 195045

Ion Ratio Lower Upper

50 100

52 32.8 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

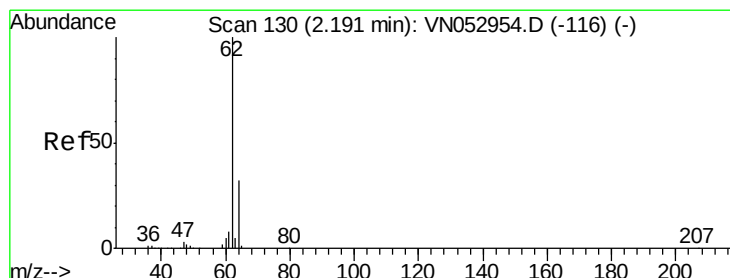
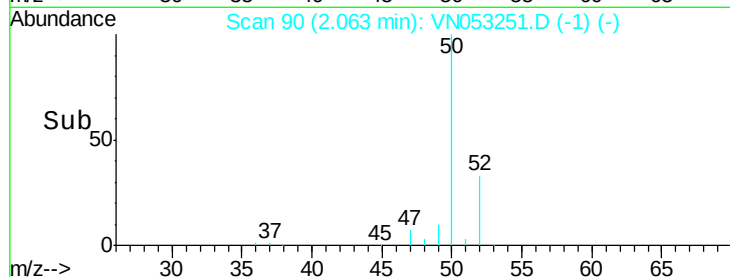
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 17.680 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN053251.D

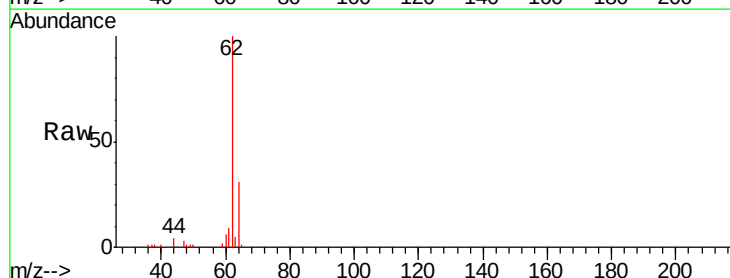
Acq: 3 Jan 2019 10:16

Tgt Ion: 62 Resp: 198200

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

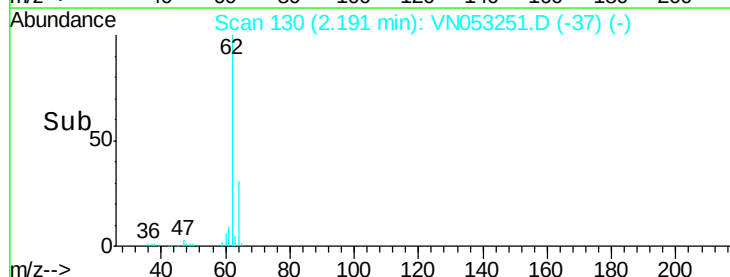
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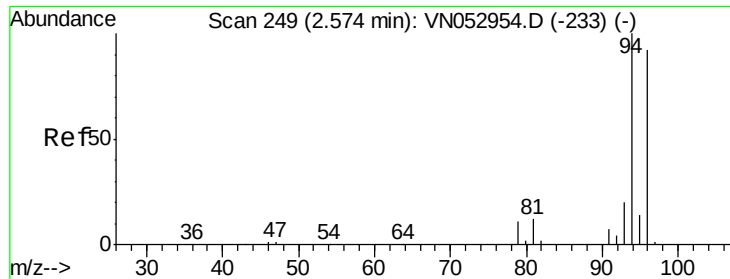
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50000

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Time-->

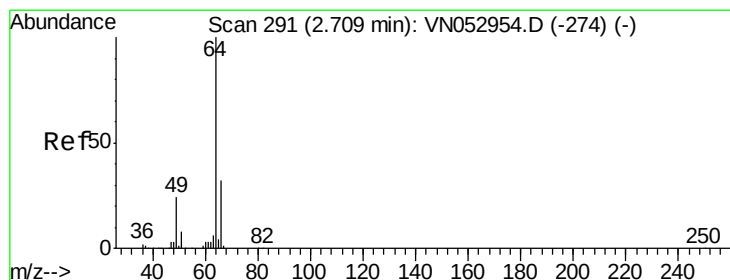
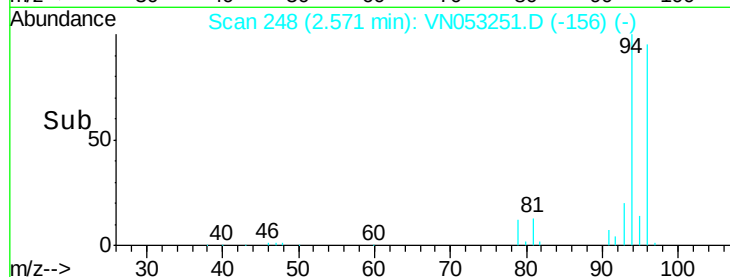
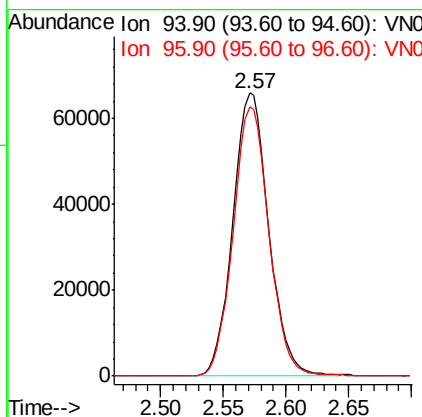
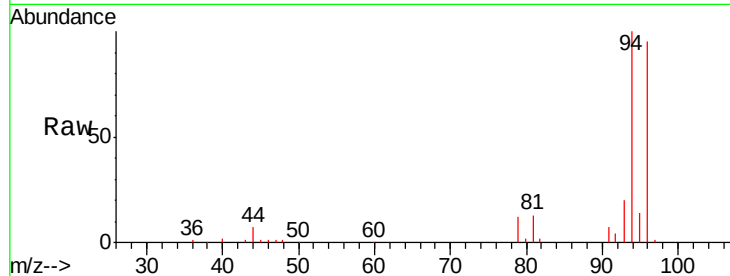




#5
Bromomethane
Concen: 16.871 ug/l
RT: 2.57 min Scan# 248
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

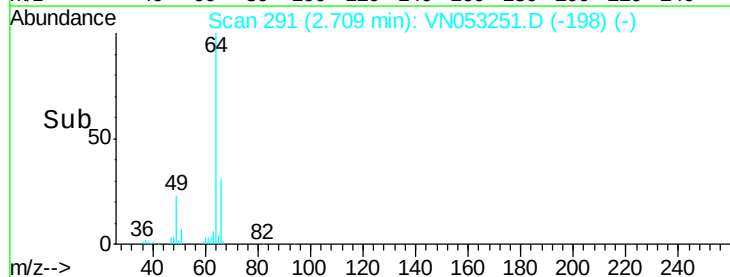
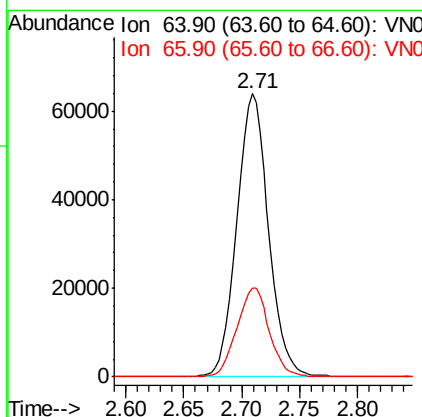
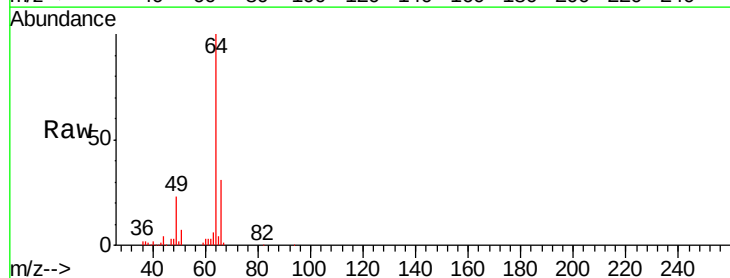
Instrument :
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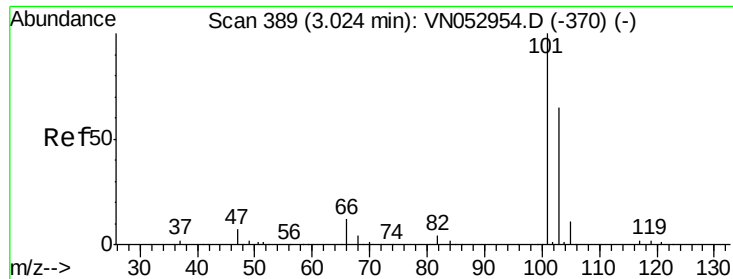
Tgt Ion: 94 Resp: 131038
Ion Ratio Lower Upper
94 100
96 95.1 75.0 112.4



#6
Chloroethane
Concen: 18.202 ug/l
RT: 2.71 min Scan# 291
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 64 Resp: 120855
Ion Ratio Lower Upper
64 100
66 31.3 26.2 39.2



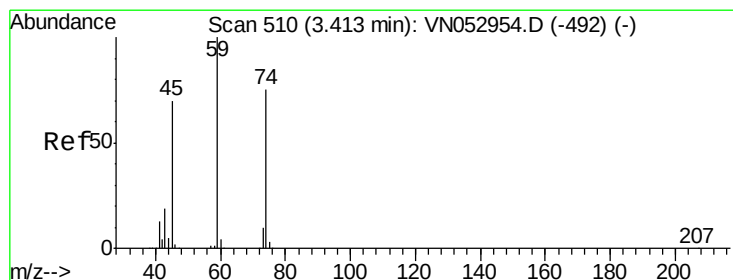
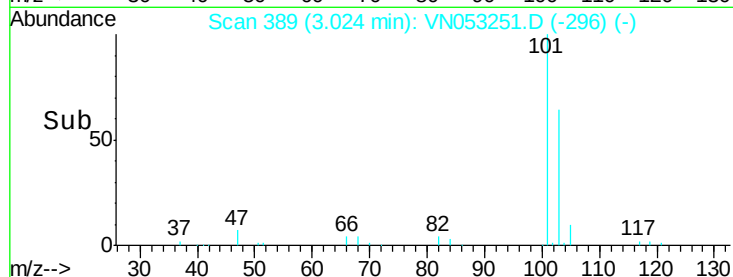
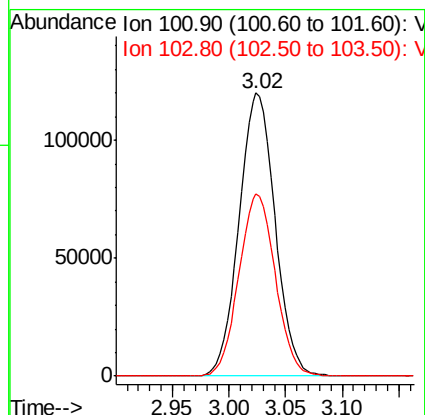
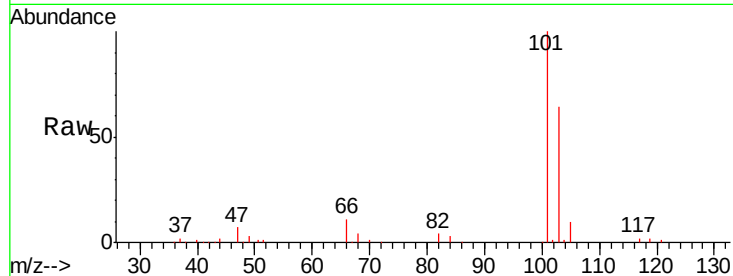


#7

Trichlorofluoromethane
 Concen: 19.075 ug/l
 RT: 3.02 min Scan# 389
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0103WBS01

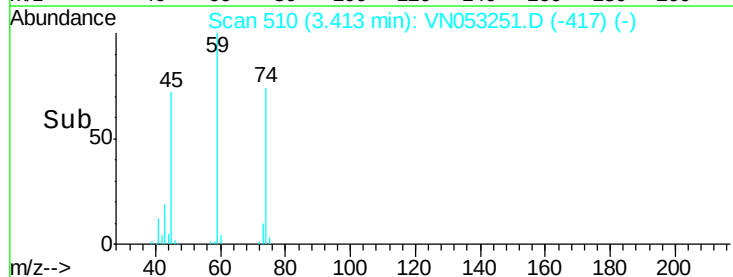
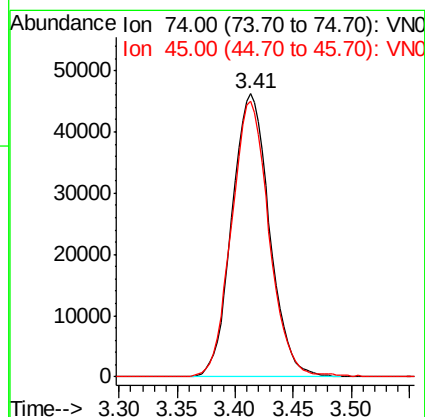
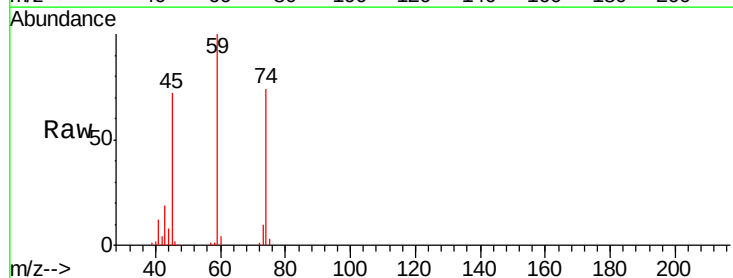
Tgt Ion:101 Resp: 266392
 Ion Ratio Lower Upper
 101 100
 103 64.3 51.8 77.6

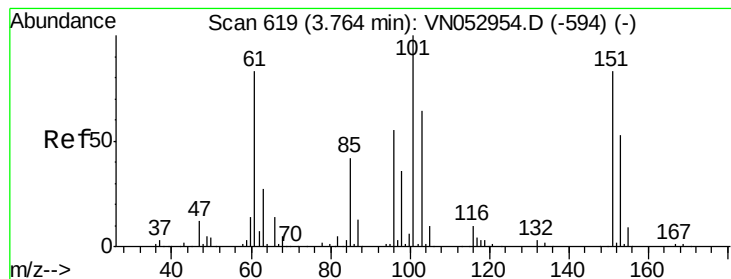


#8

Diethyl Ether
 Concen: 19.649 ug/l
 RT: 3.41 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Tgt Ion: 74 Resp: 103521
 Ion Ratio Lower Upper
 74 100
 45 96.6 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.192 ug/l

RT: 3.76 min Scan# 619

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0103WBS01

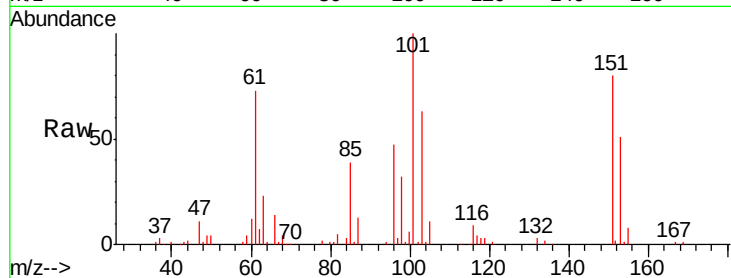
Tgt Ion:101 Resp: 179800

Ion Ratio Lower Upper

101 100

85 40.6 33.6 50.4

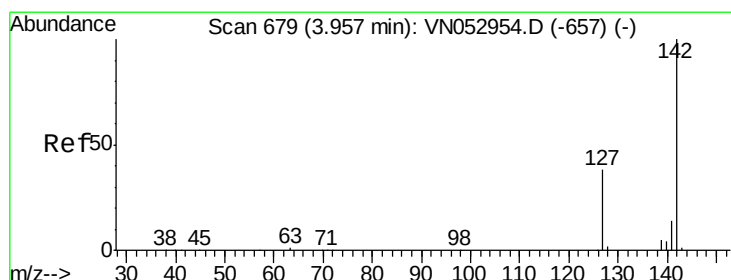
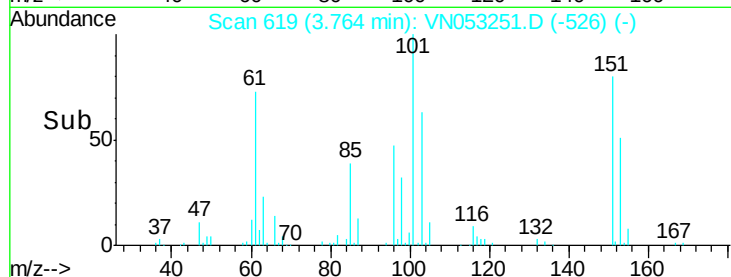
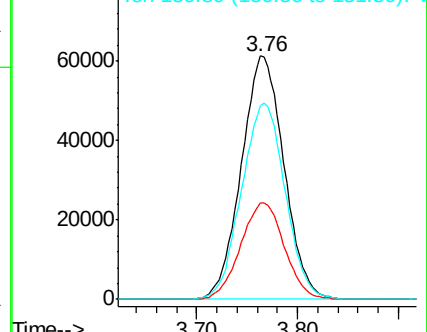
151 82.6 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.639 ug/l

RT: 3.96 min Scan# 679

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

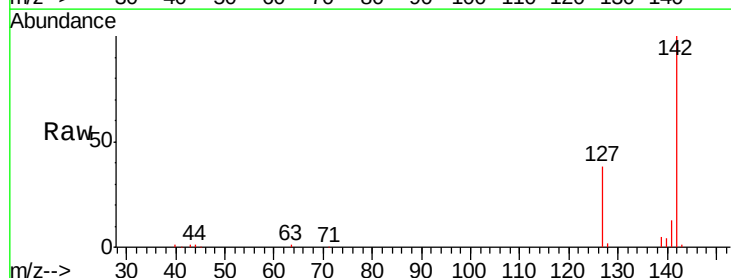
Tgt Ion:142 Resp: 233074

Ion Ratio Lower Upper

142 100

127 38.6 31.0 46.6

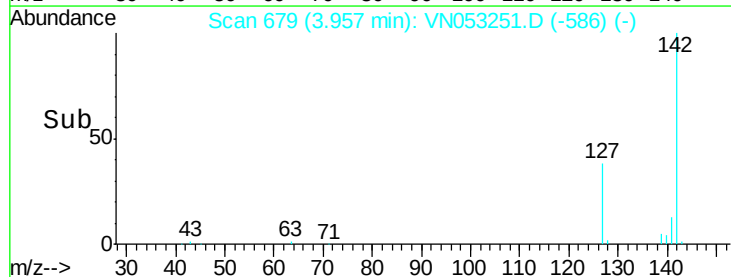
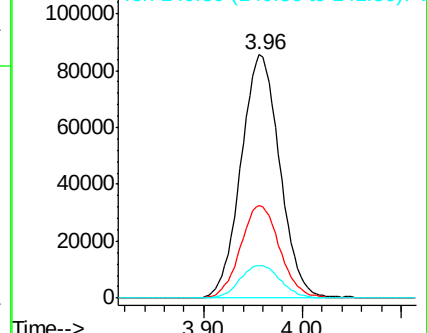
141 14.0 11.2 16.8

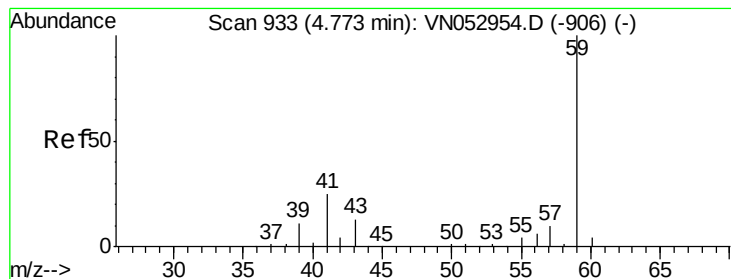


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 87.553 ug/l

RT: 4.77 min Scan# 933

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

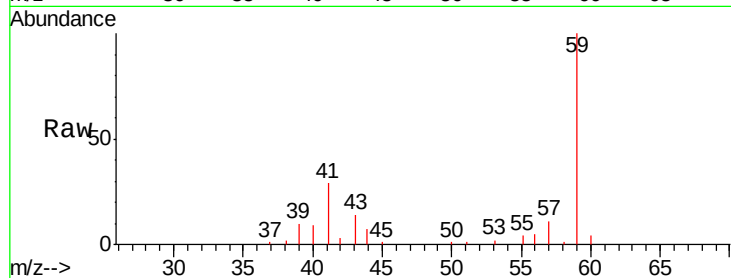
VN0103WBS01

Tgt Ion: 59 Resp: 48931

Ion Ratio Lower Upper

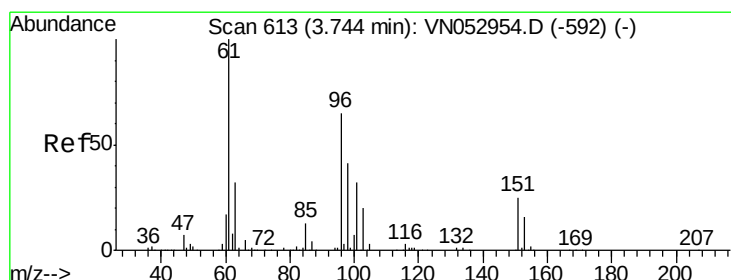
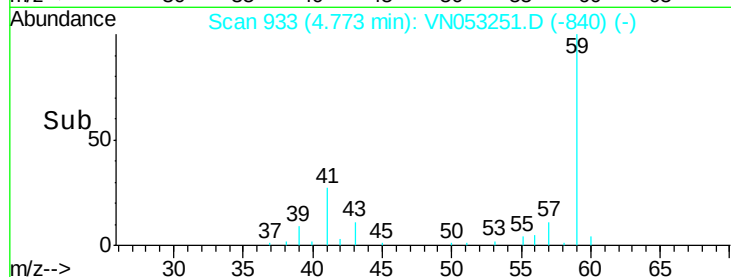
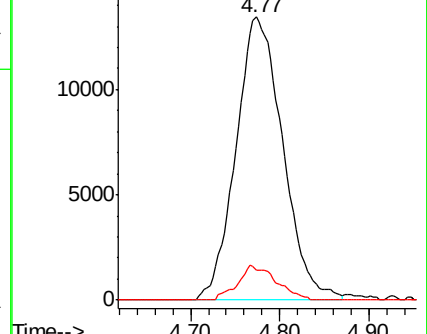
59 100

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



#12

1,1-Dichloroethene

Concen: 18.663 ug/l

RT: 3.74 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

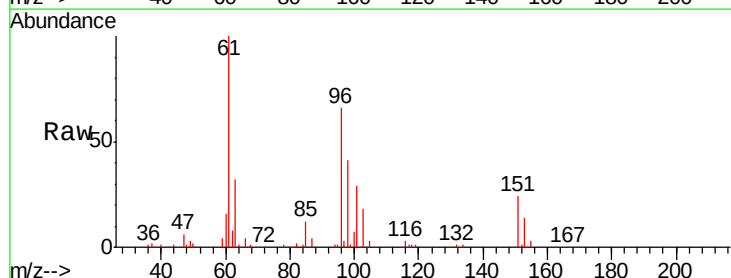
Tgt Ion: 96 Resp: 160553

Ion Ratio Lower Upper

96 100

61 152.2 125.6 188.4

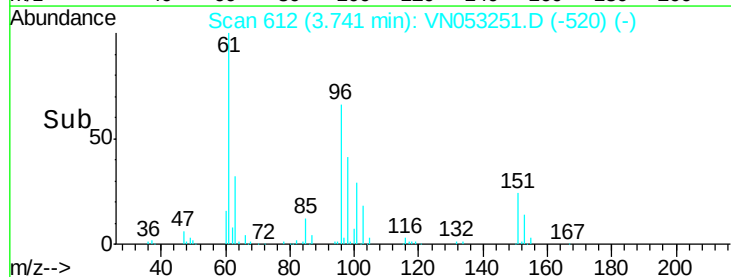
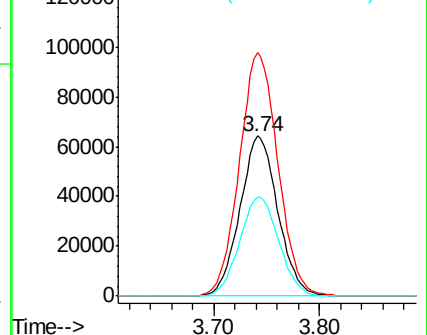
98 61.7 50.6 75.8

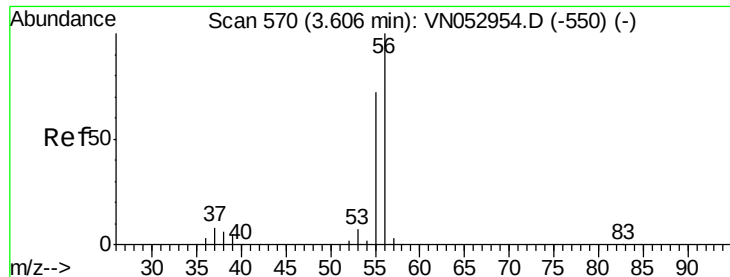


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 75.909 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

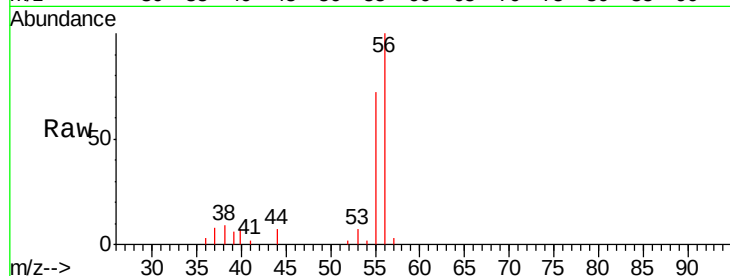
VN0103WBS01

Tgt Ion: 56 Resp: 38467

Ion Ratio Lower Upper

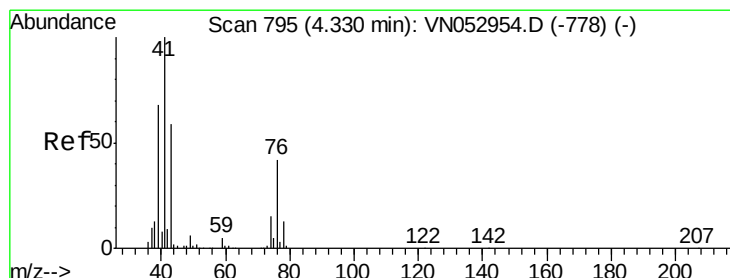
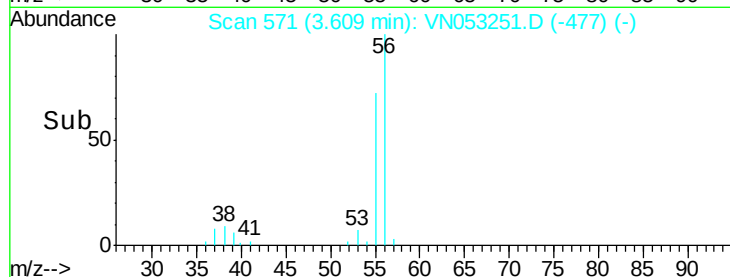
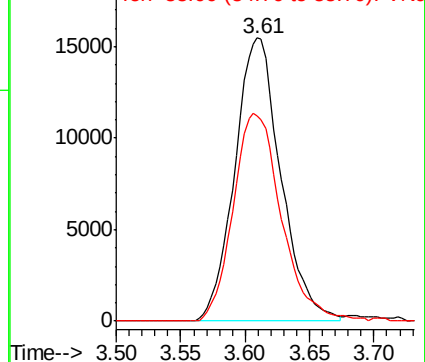
56 100

55 76.7 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 19.330 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

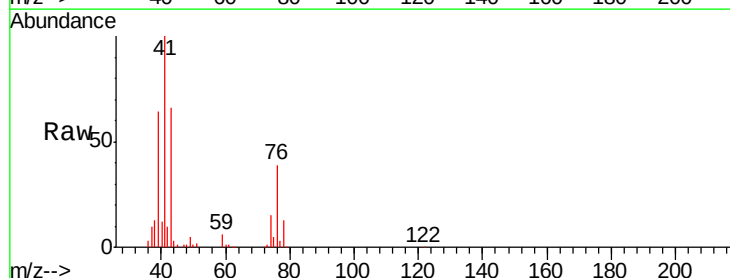
Tgt Ion: 41 Resp: 257575

Ion Ratio Lower Upper

41 100

39 63.1 54.1 81.1

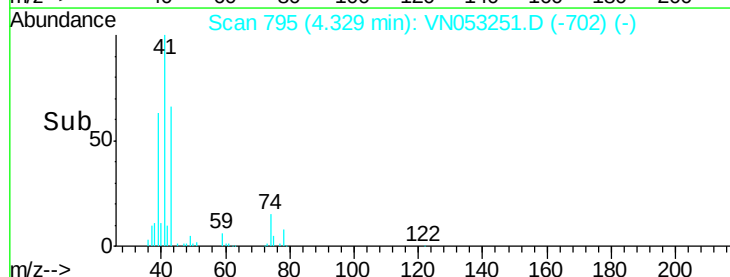
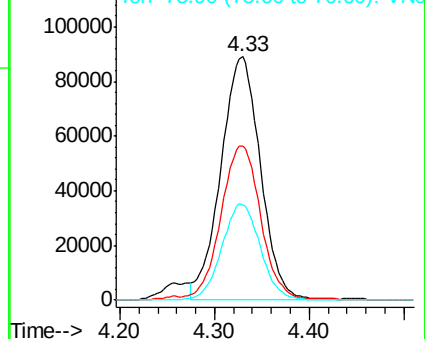
76 38.8 30.3 45.5

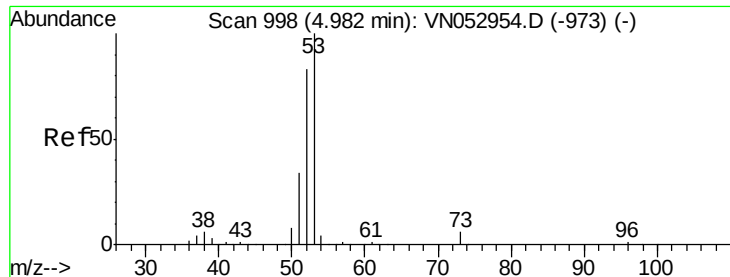


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 99.362 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0103WBS01

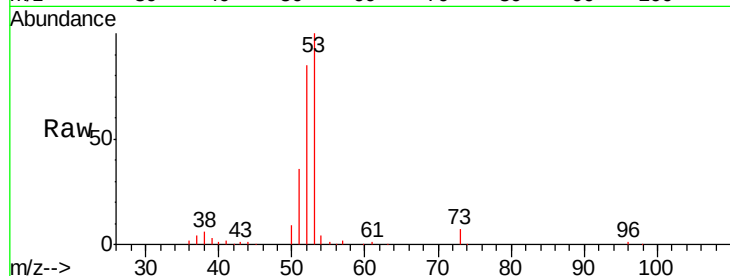
Tgt Ion: 53 Resp: 308499

Ion Ratio Lower Upper

53 100

52 82.6 65.1 97.7

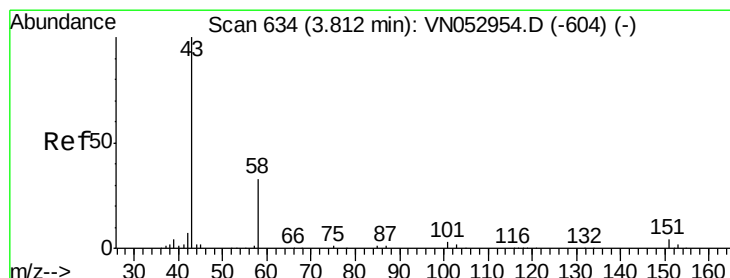
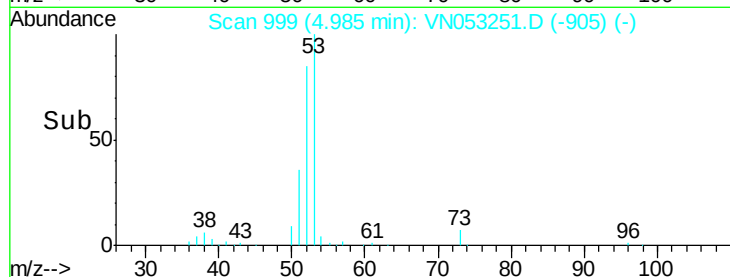
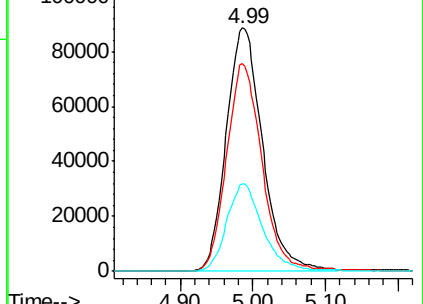
51 35.4 28.1 42.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 122.929 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053251.D

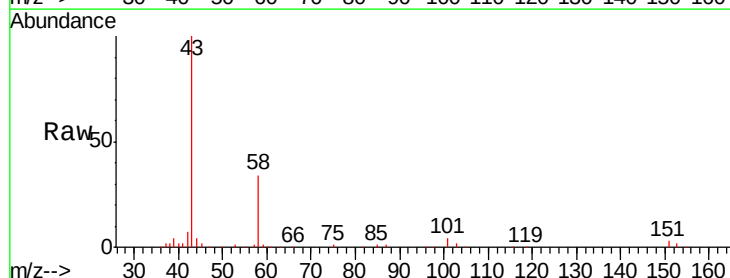
Acq: 3 Jan 2019 10:16

Tgt Ion: 43 Resp: 220764

Ion Ratio Lower Upper

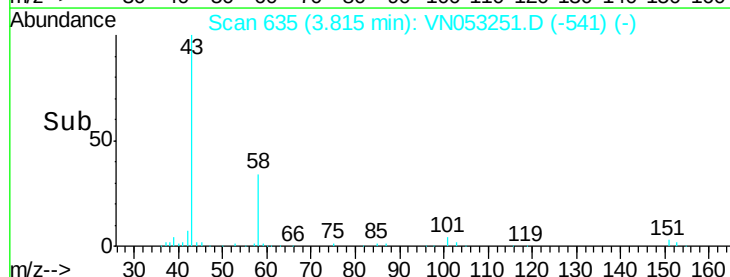
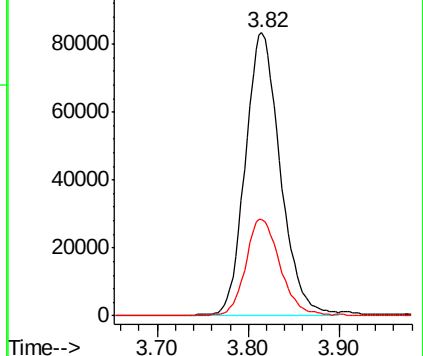
43 100

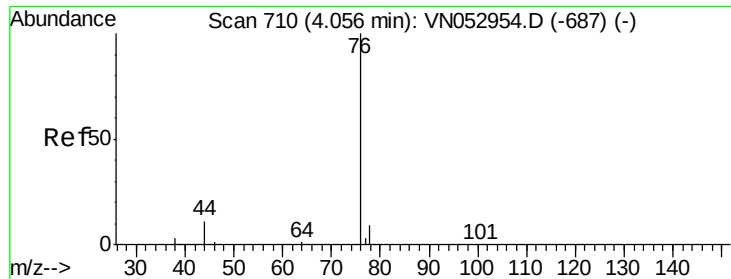
58 33.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

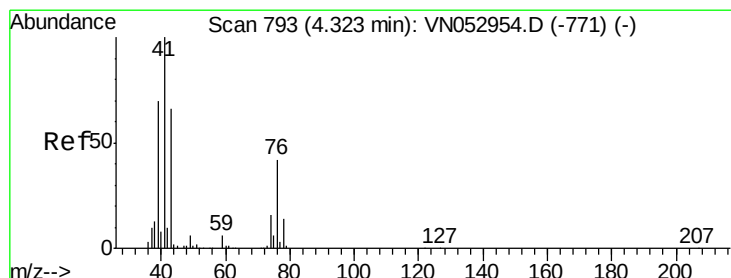
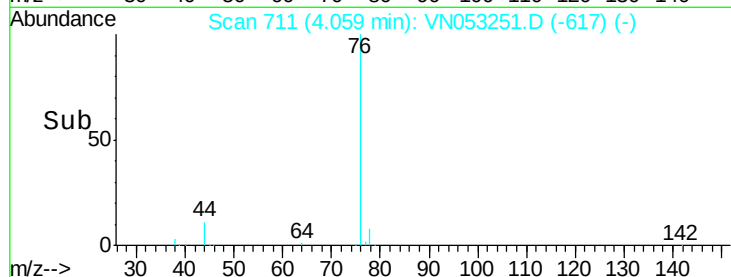
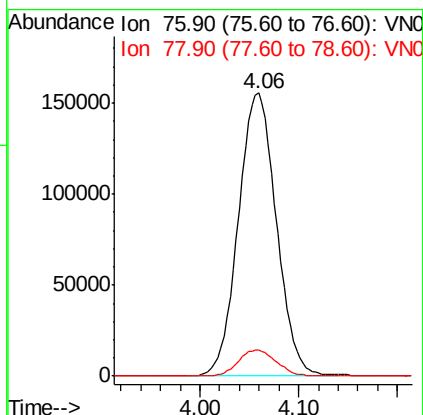
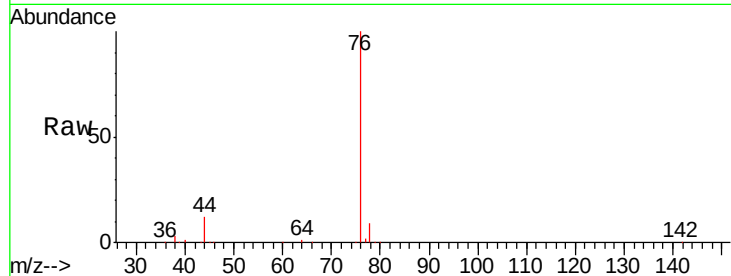




#17
Carbon Disulfide
Concen: 14.796 ug/l
RT: 4.06 min Scan# 711
Delta R.T. 0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

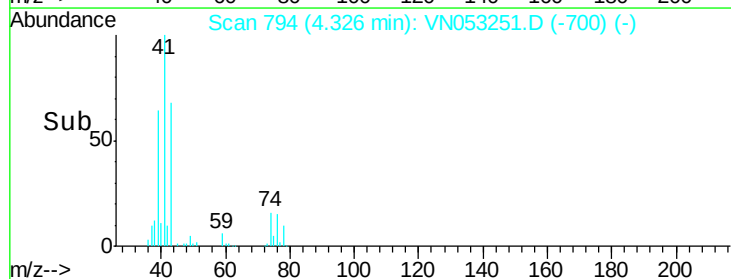
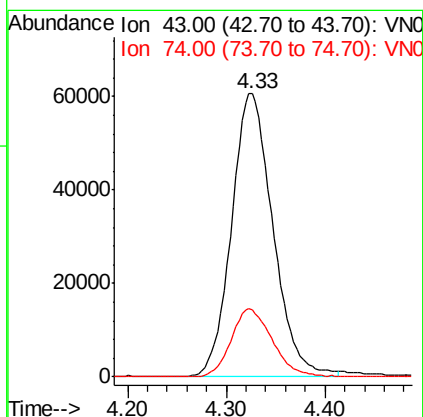
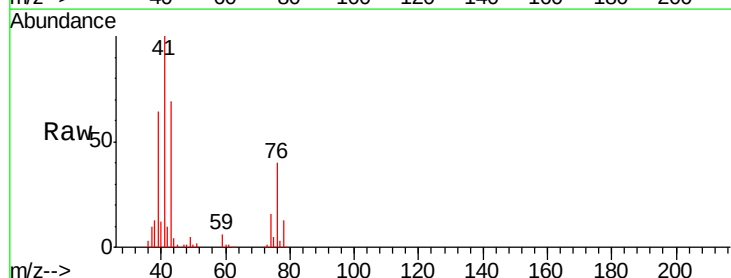
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

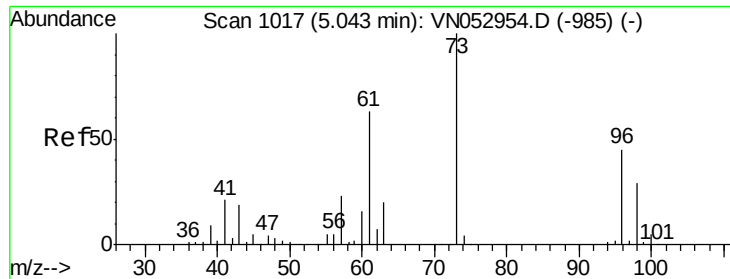
Tgt Ion: 76 Resp: 415105
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 22.056 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 43 Resp: 175170
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8

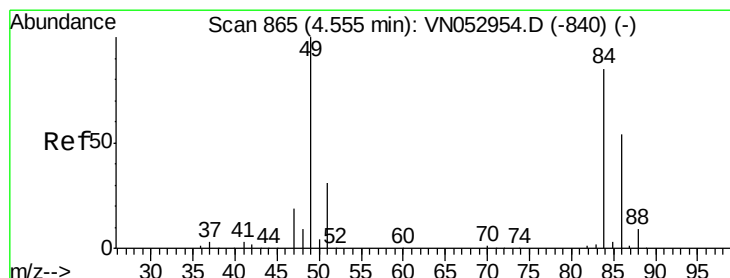
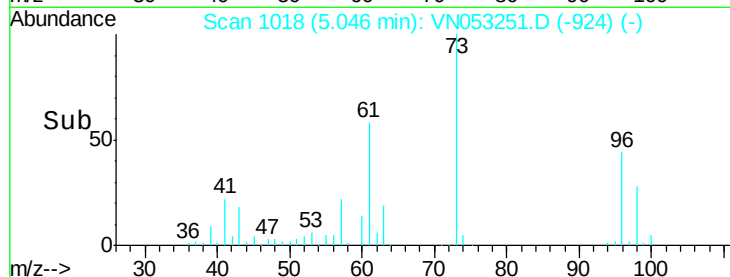
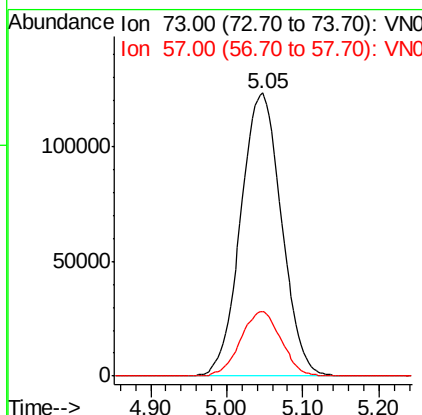
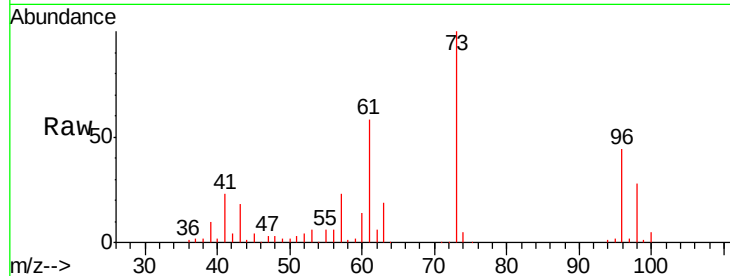




#19
Methyl tert-butyl Ether
Concen: 19.970 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

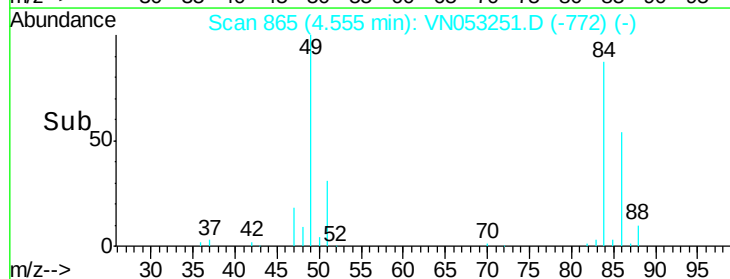
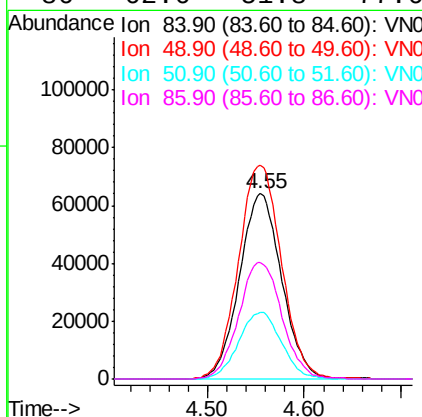
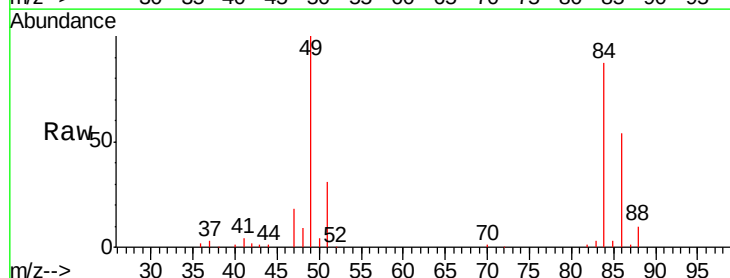
Instrument :
MSVOA_N
ClientSampled :
VN0103WBS01

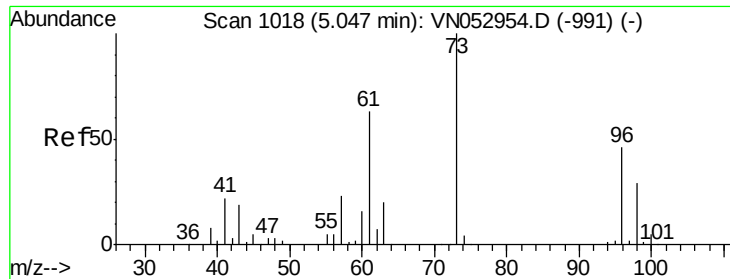
Tgt Ion: 73 Resp: 459735
Ion Ratio Lower Upper
73 100
57 22.9 18.4 27.6



#20
Methylene Chloride
Concen: 19.831 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 84 Resp: 194265
Ion Ratio Lower Upper
84 100
49 115.1 96.8 145.2
51 35.9 29.9 44.9
86 62.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.699 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0103WBS01

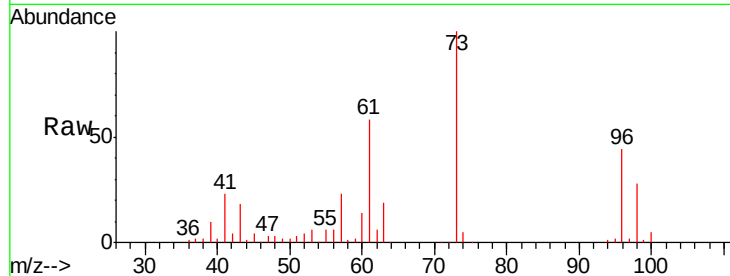
Tgt Ion: 96 Resp: 172830

Ion Ratio Lower Upper

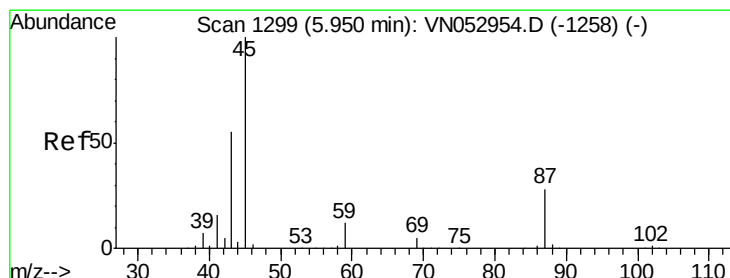
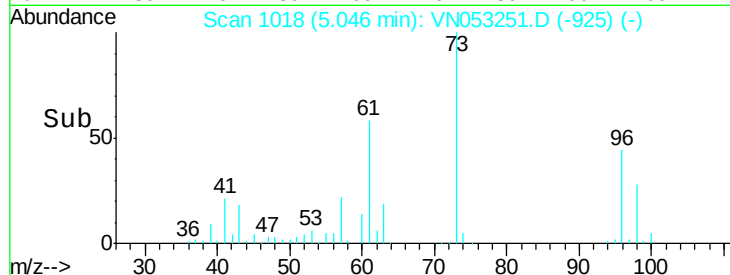
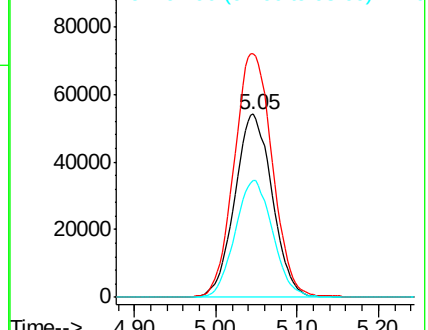
96 100

61 133.0 110.8 166.2

98 64.2 51.4 77.2



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



#22

Diisopropyl ether

Concen: 21.182 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Tgt Ion: 45 Resp: 602472

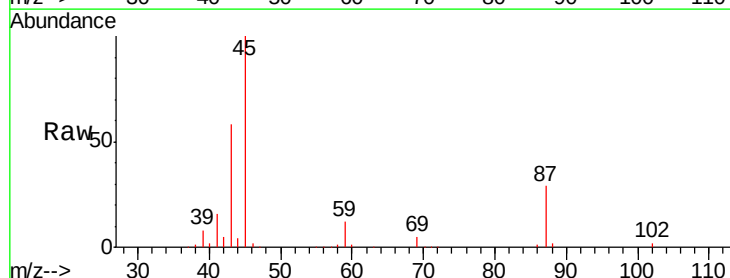
Ion Ratio Lower Upper

45 100

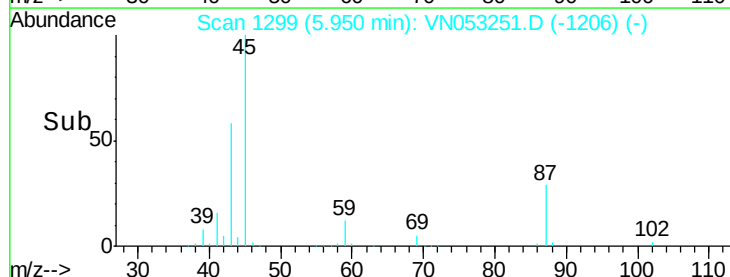
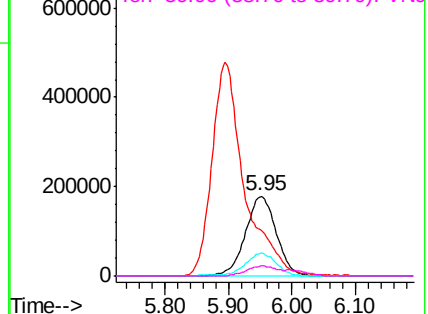
43 56.7 45.5 68.3

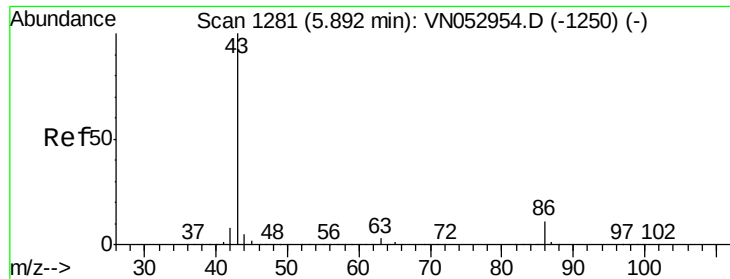
87 28.6 22.0 33.0

59 12.0 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 103.035 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

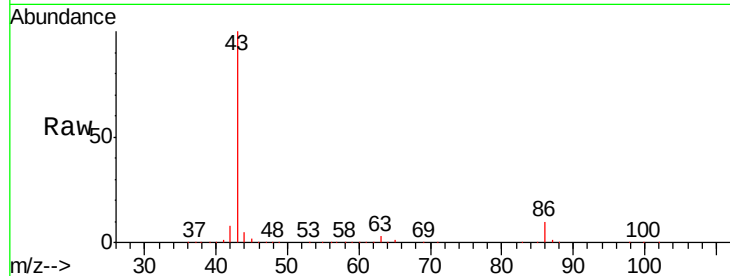
VN0103WBS01

Tgt Ion: 43 Resp: 1685206

Ion Ratio Lower Upper

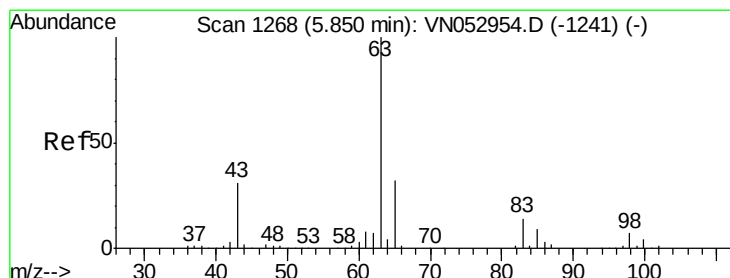
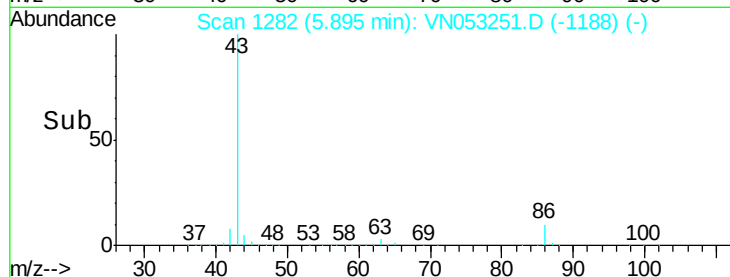
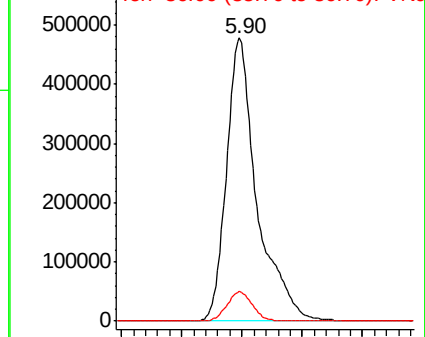
43 100

86 10.4 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.073 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

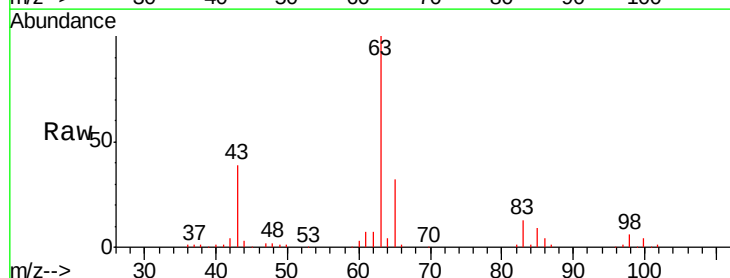
Tgt Ion: 63 Resp: 339262

Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

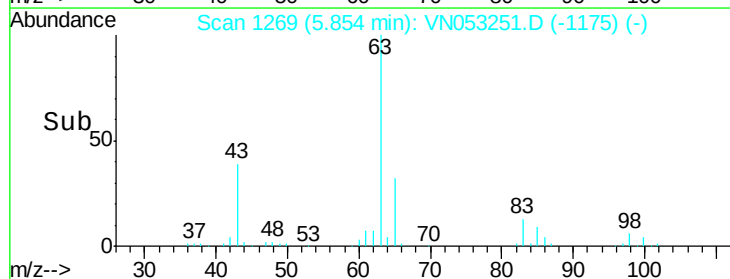
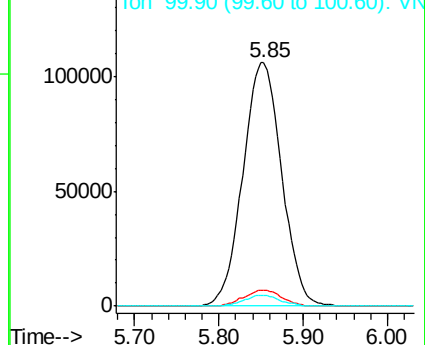
100 4.2 2.0 5.8

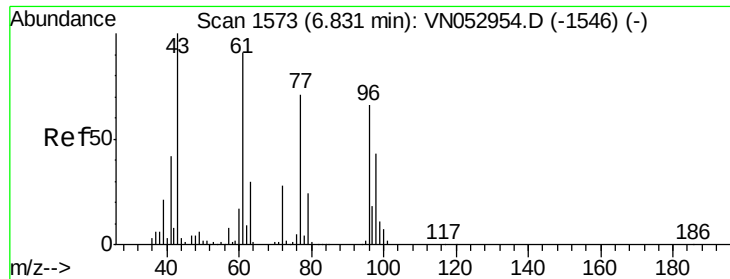


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 111.784 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

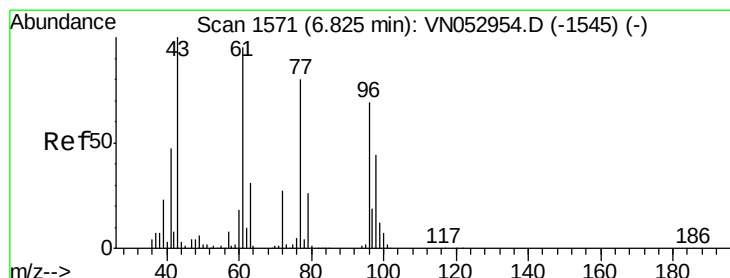
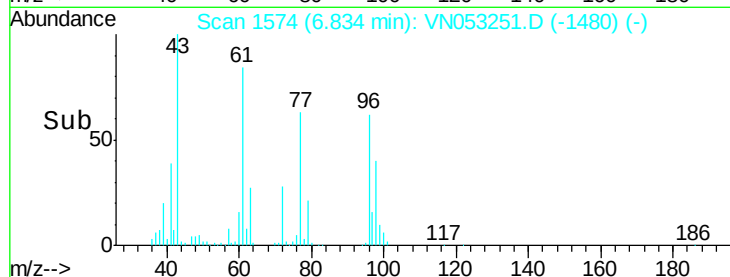
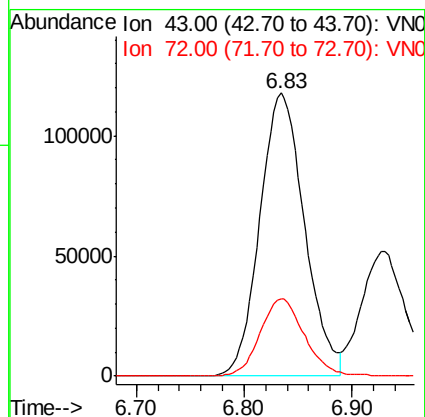
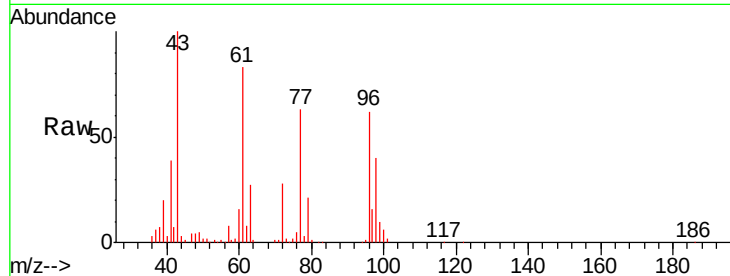
VN0103WBS01

Tgt Ion: 43 Resp: 336906

Ion Ratio Lower Upper

43 100

72 27.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 19.811 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053251.D

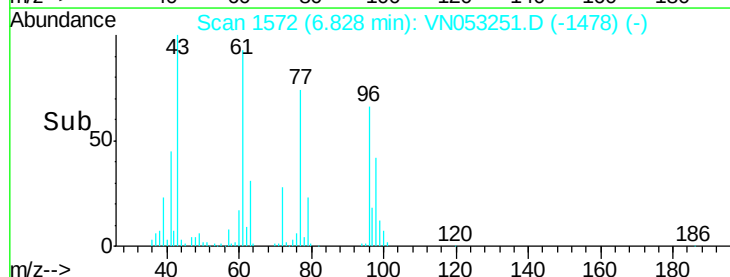
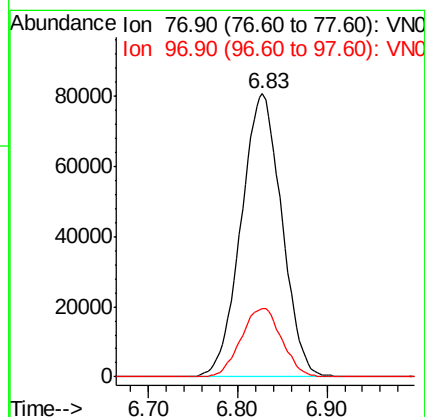
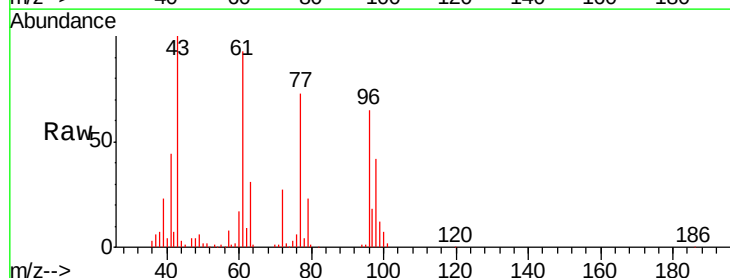
Acq: 3 Jan 2019 10:16

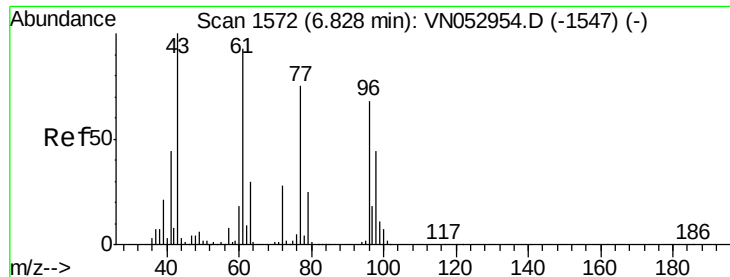
Tgt Ion: 77 Resp: 255605

Ion Ratio Lower Upper

77 100

97 24.4 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 19.927 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0103WBS01

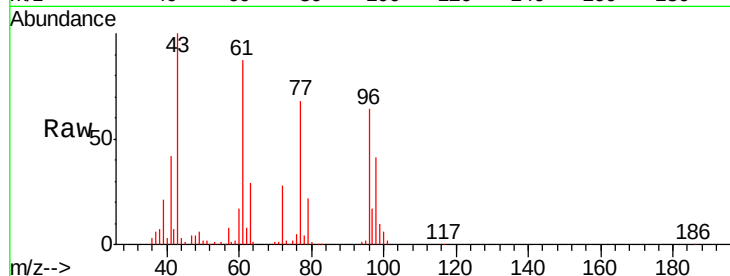
Tgt Ion: 96 Resp: 208517

Ion Ratio Lower Upper

96 100

61 142.6 0.0 284.2

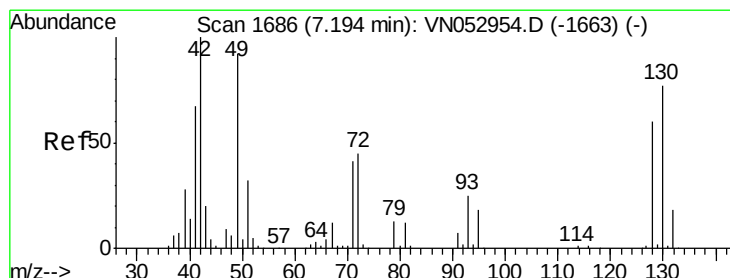
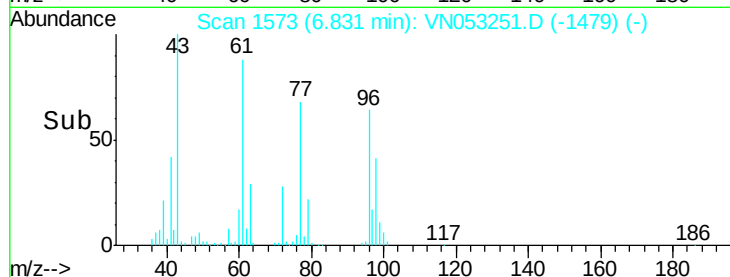
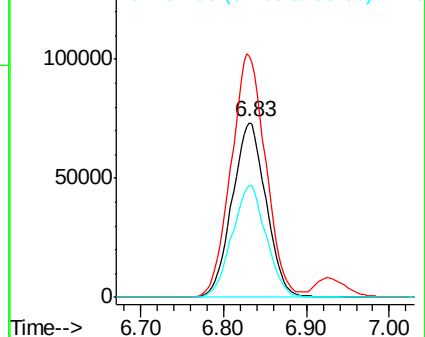
98 64.5 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.822 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

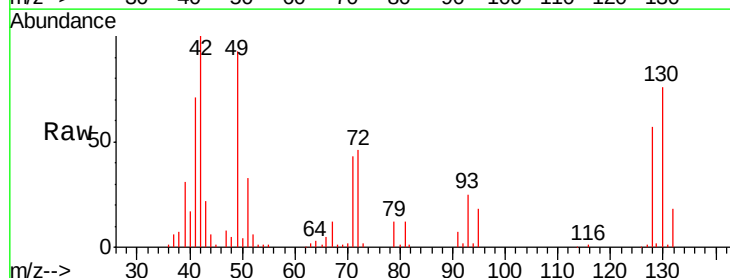
Tgt Ion: 49 Resp: 145175

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.0

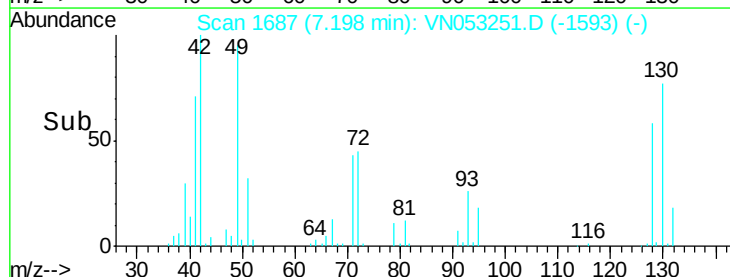
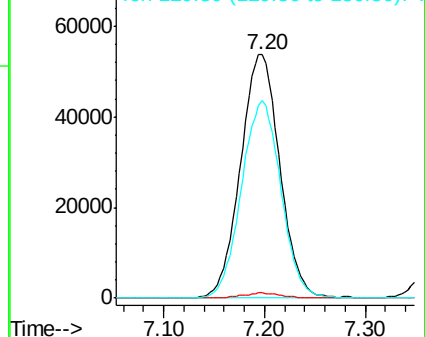
130 81.3 63.3 94.9

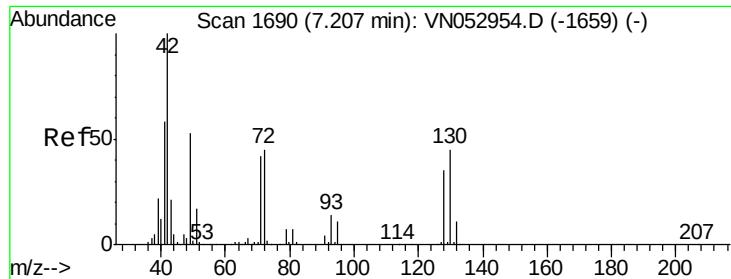


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

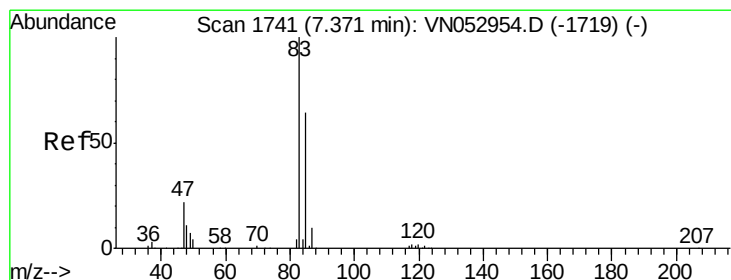
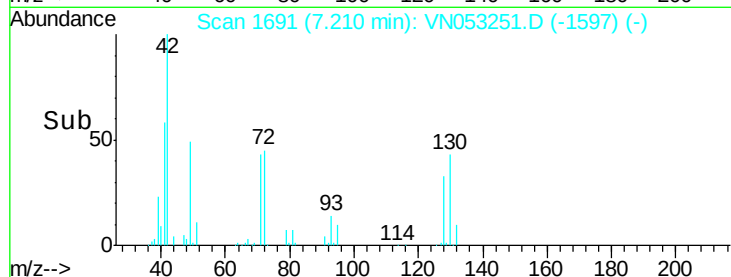
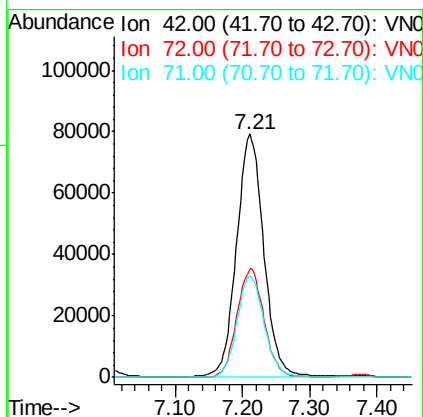
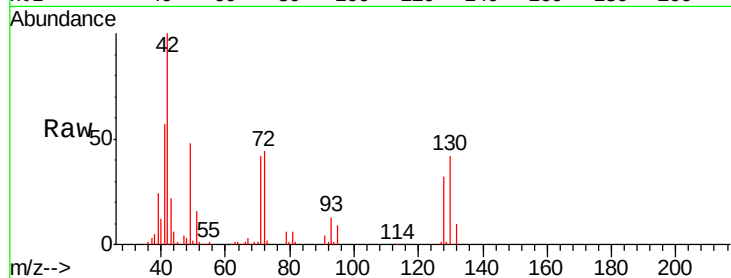




#29
Tetrahydrofuran
Concen: 99.547 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

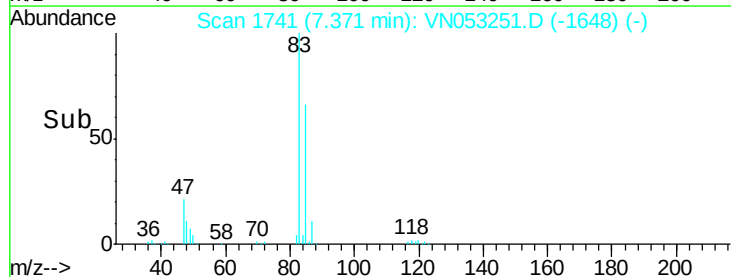
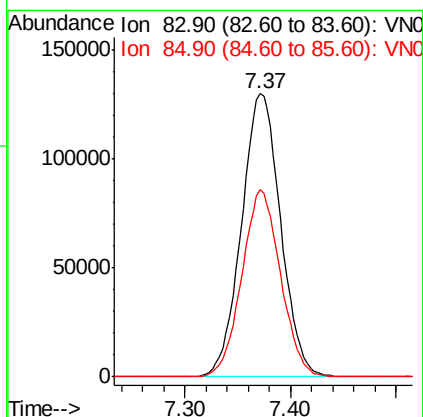
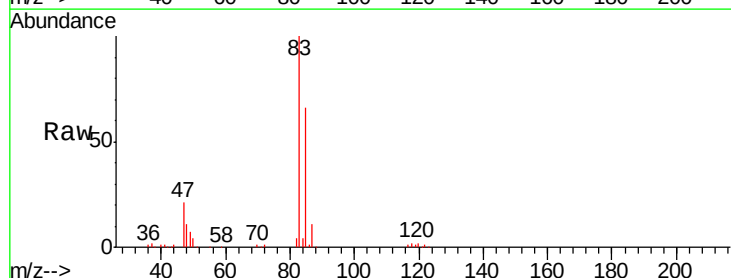
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

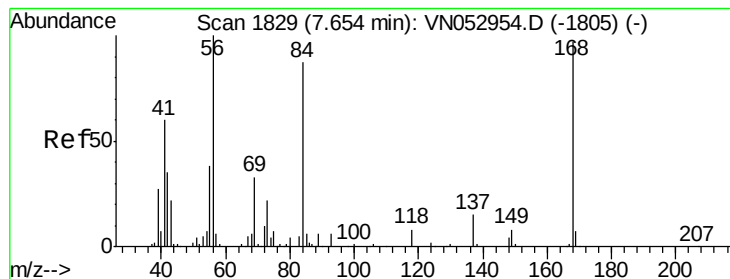
Tgt Ion: 42 Resp: 224080
Ion Ratio Lower Upper
42 100
72 44.3 34.7 52.1
71 41.5 32.3 48.5



#30
Chloroform
Concen: 20.238 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 83 Resp: 336011
Ion Ratio Lower Upper
83 100
85 66.2 52.1 78.1





#31

Cyclohexane

Concen: 18.747 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0103WBS01

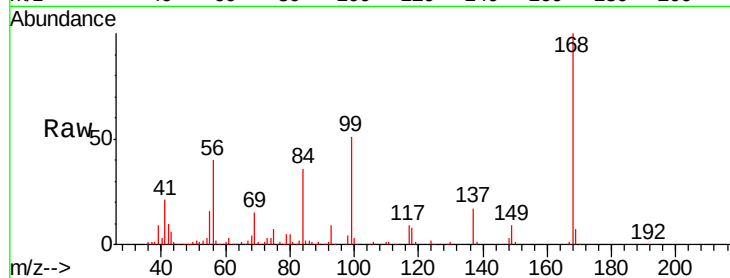
Tgt Ion: 56 Resp: 307580

Ion Ratio Lower Upper

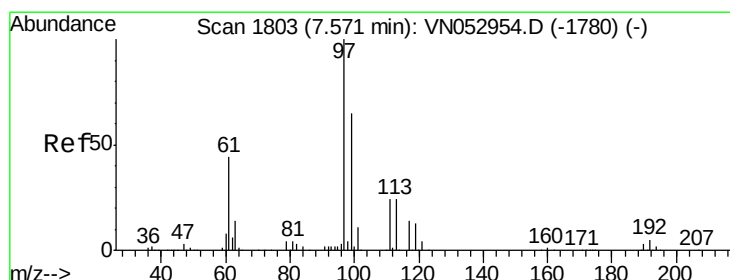
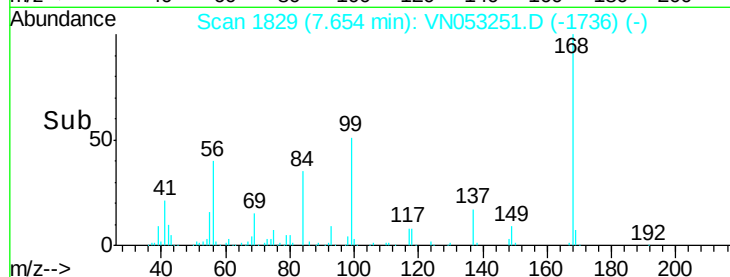
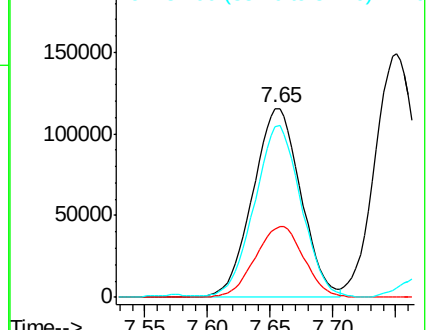
56 100

69 36.4 26.6 39.8

84 89.6 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: 19.687 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

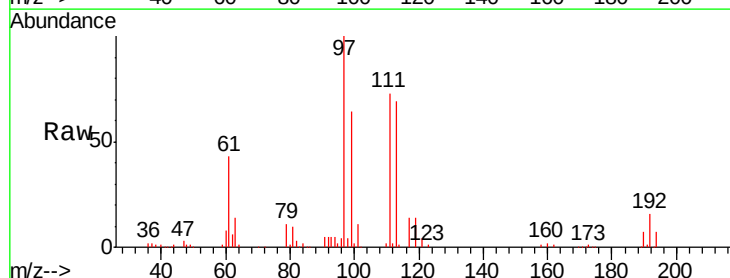
Tgt Ion: 97 Resp: 278452

Ion Ratio Lower Upper

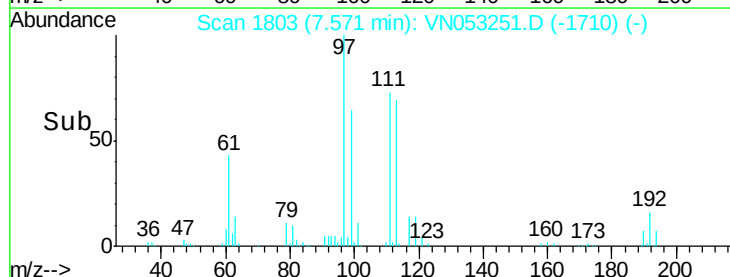
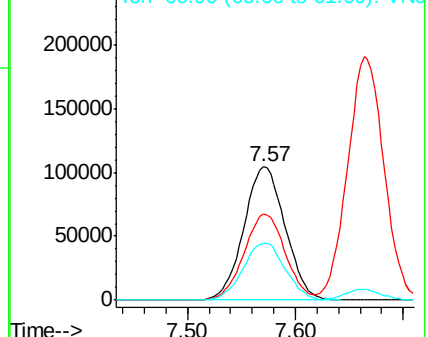
97 100

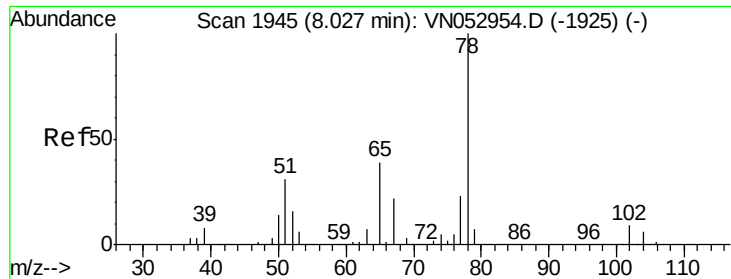
99 64.5 51.1 76.7

61 43.6 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

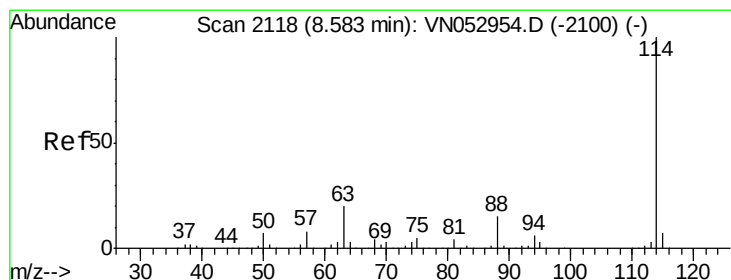
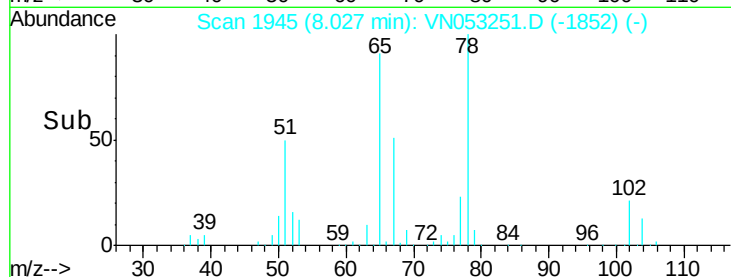
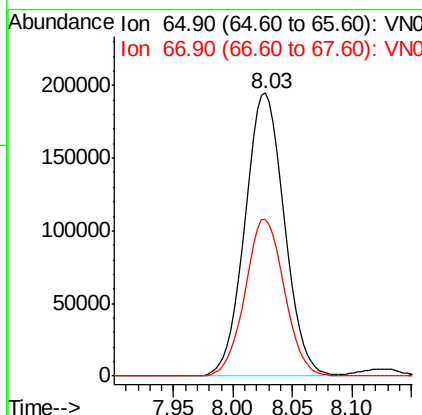
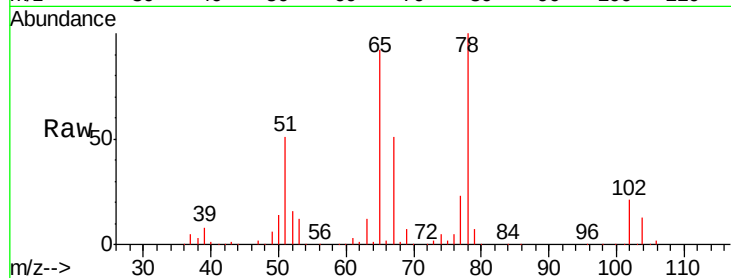




#33
 1,2-Dichloroethane-d4
 Concen: 19.687 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

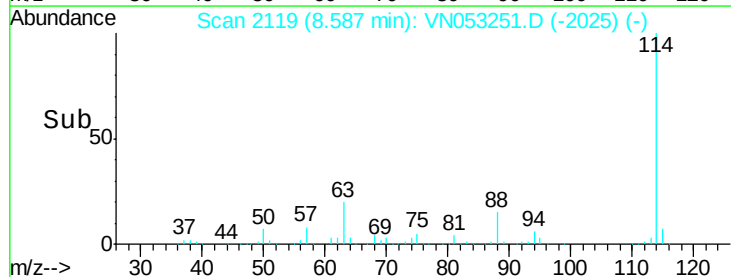
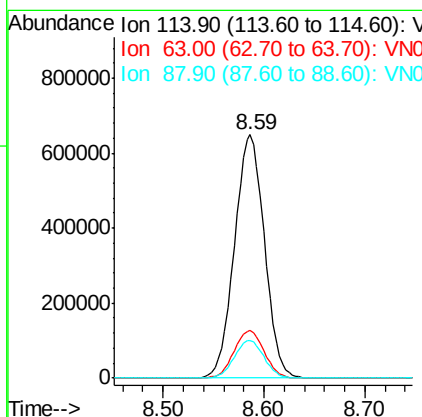
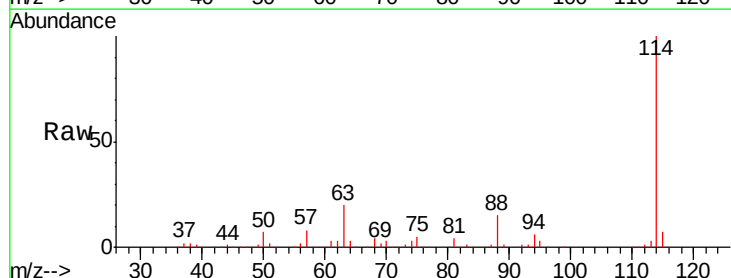
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBS01

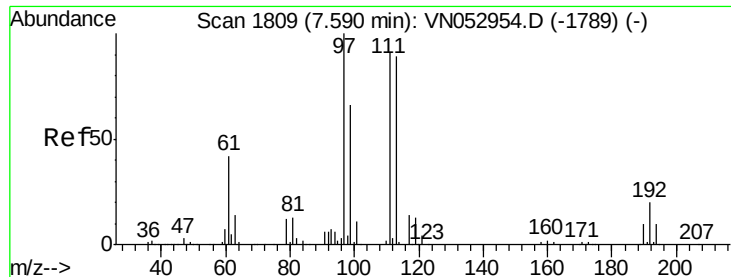
Tgt Ion: 65 Resp: 447849
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Tgt Ion: 114 Resp: 1336008
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0103WBS01

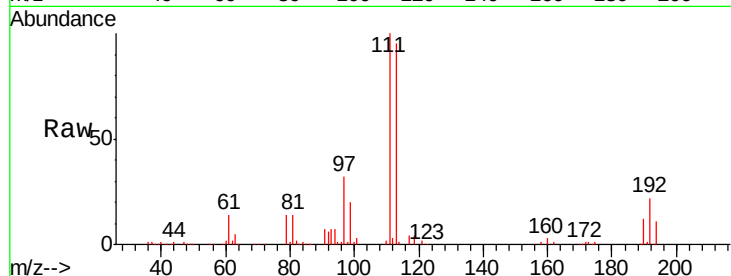
Tgt Ion:113 Resp: 383645

Ion Ratio Lower Upper

113 100

111 103.0 83.0 124.4

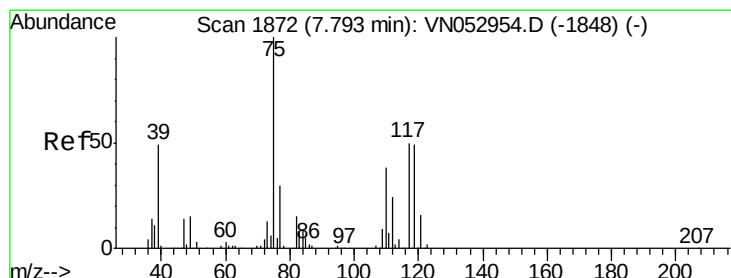
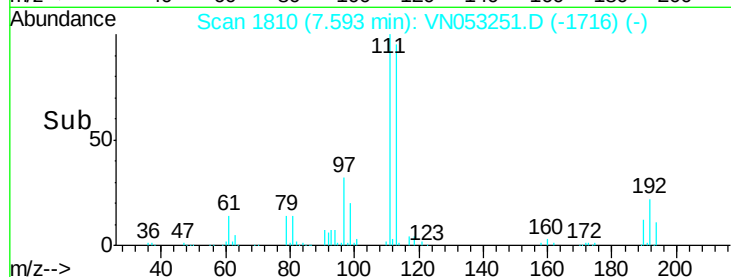
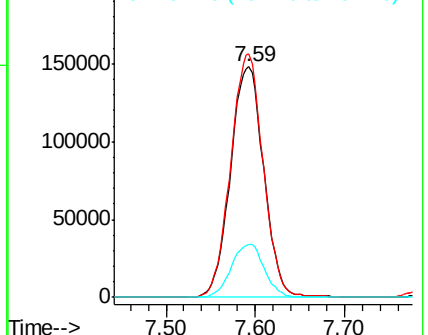
192 22.9 17.5 26.3



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.433 ug/l

RT: 7.79 min Scan# 1872

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

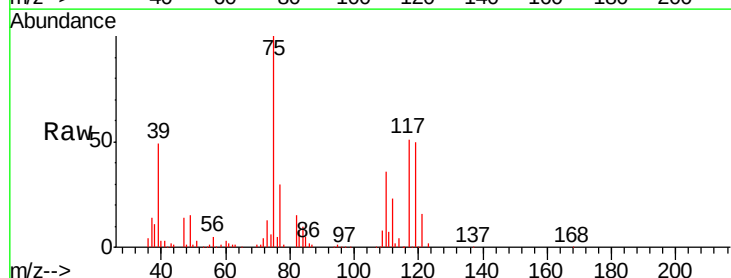
Tgt Ion: 75 Resp: 249190

Ion Ratio Lower Upper

75 100

110 36.5 18.2 54.6

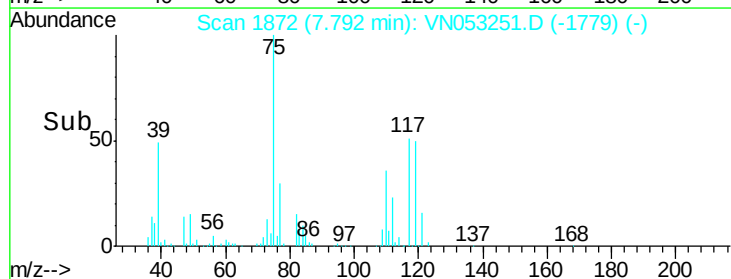
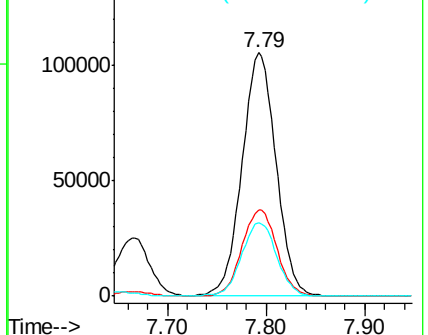
77 31.5 24.9 37.3

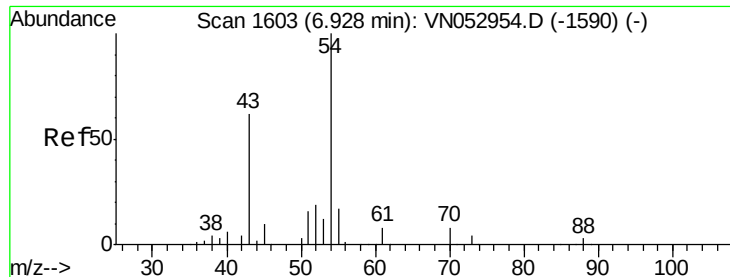


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

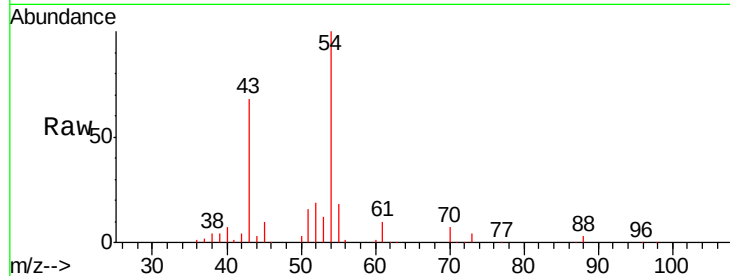




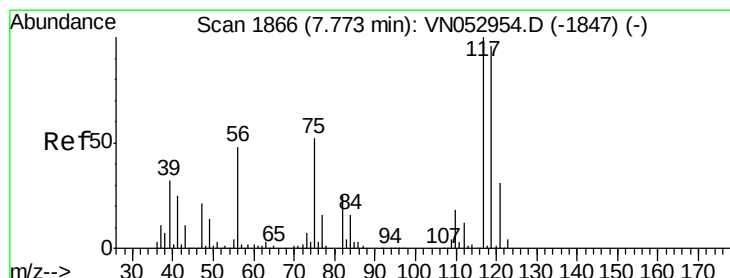
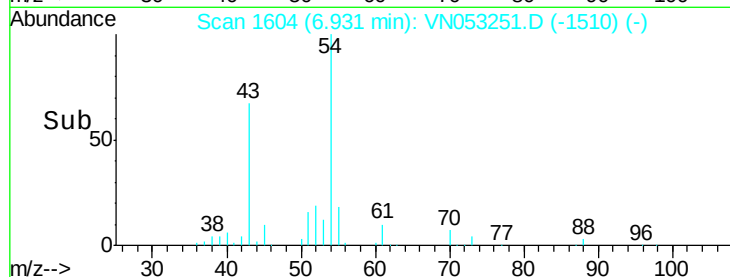
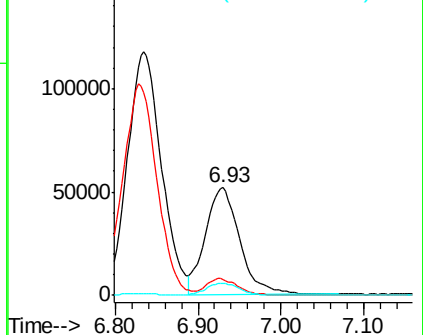
#37
Ethyl Acetate
Concen: 20.921 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

Tgt Ion: 43 Resp: 149762
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 10.9 8.4 12.6

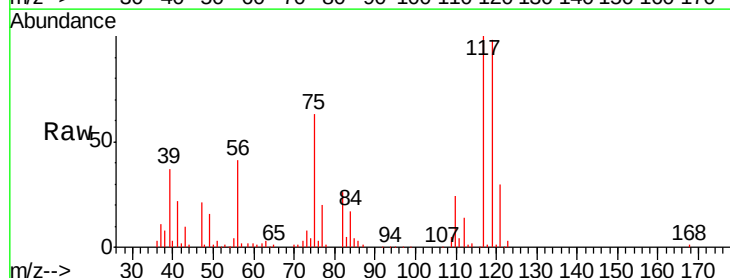


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

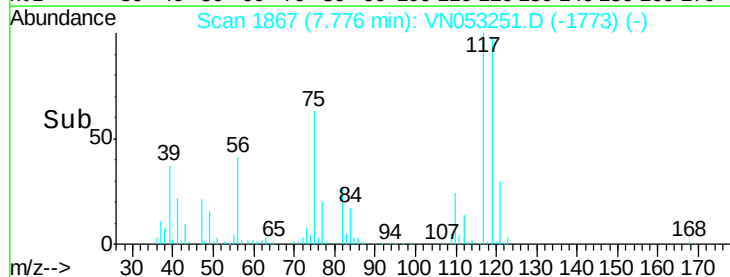
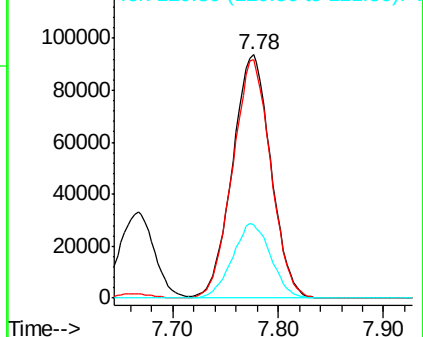


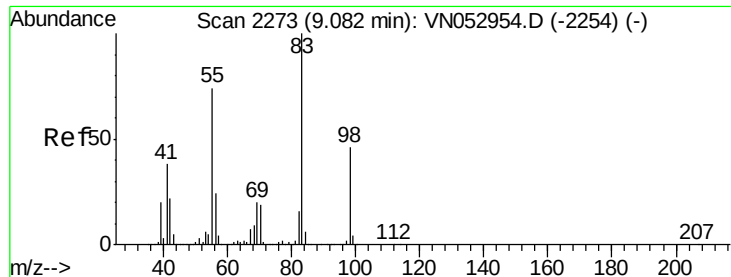
#38
Carbon Tetrachloride
Concen: 20.192 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 117 Resp: 237337
Ion Ratio Lower Upper
117 100
119 97.7 77.1 115.7
121 30.0 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

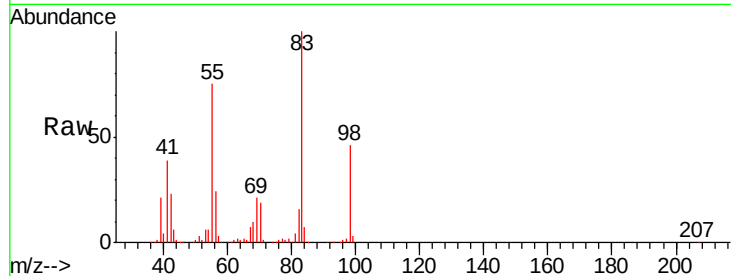




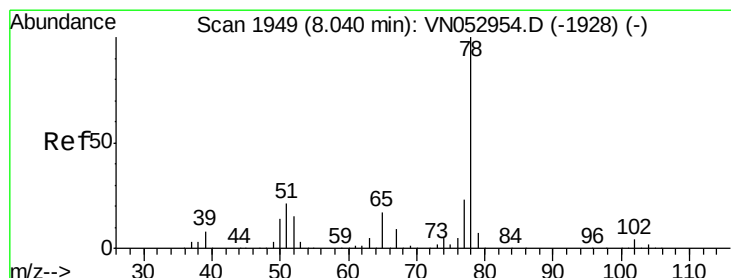
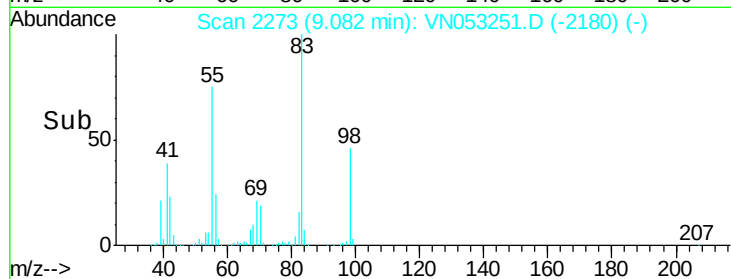
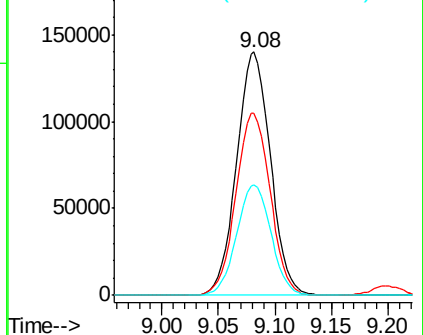
#39
Methylcyclohexane
Concen: 18.785 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

Tgt Ion: 83 Resp: 292633
Ion Ratio Lower Upper
83 100
55 74.6 61.3 91.9
98 45.6 37.0 55.4

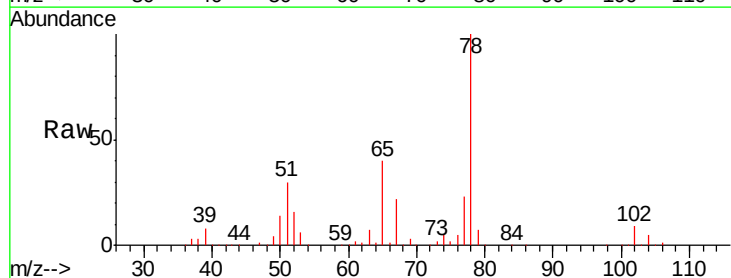


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

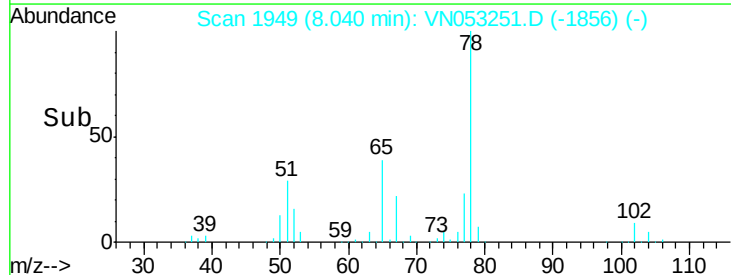
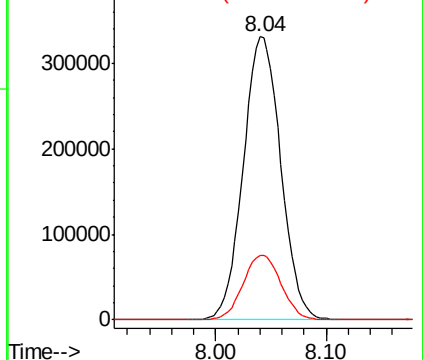


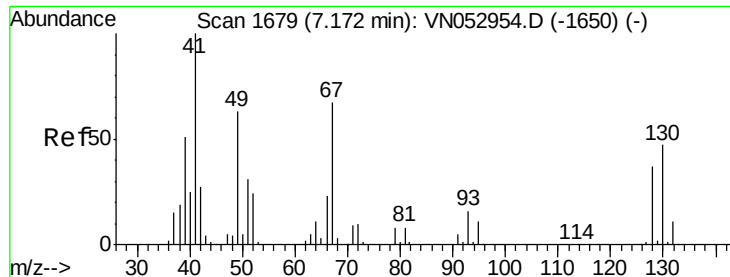
#40
Benzene
Concen: 20.440 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 78 Resp: 779641
Ion Ratio Lower Upper
78 100
77 23.0 18.5 27.7



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

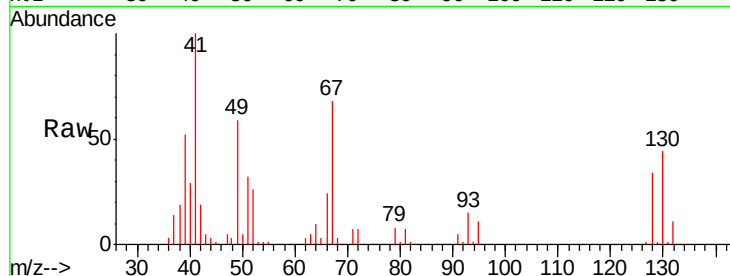




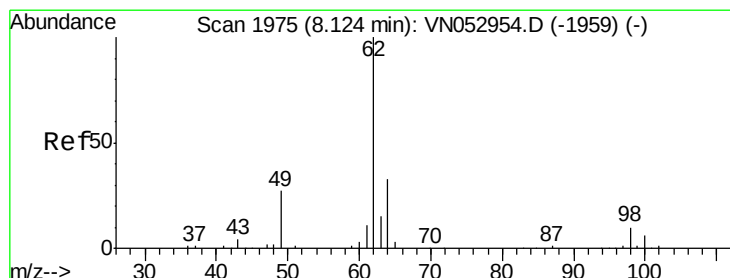
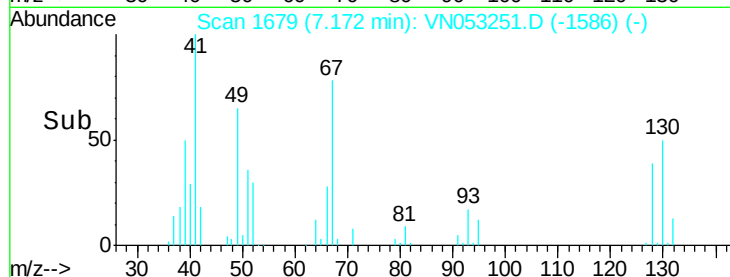
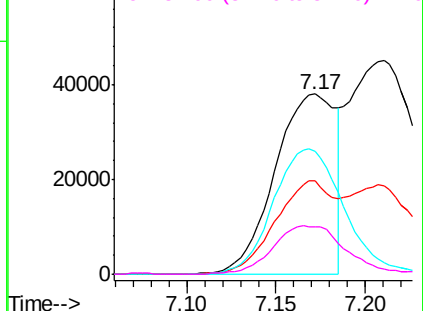
#41
Methacrylonitrile
Concen: 21.703 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

Tgt Ion:	41	Resp:	89767
Ion	Ratio	Lower	Upper
41	100		
39	49.8	48.0	72.0
67	81.4	70.3	105.5
52	32.7	26.9	40.3

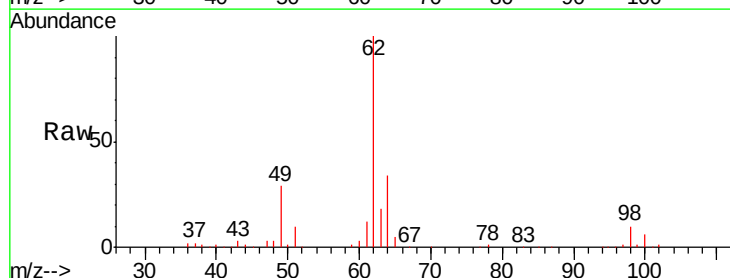


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

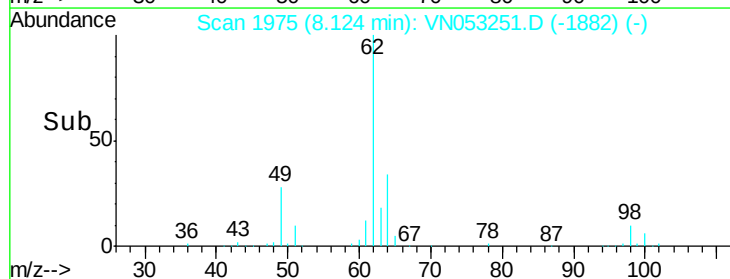
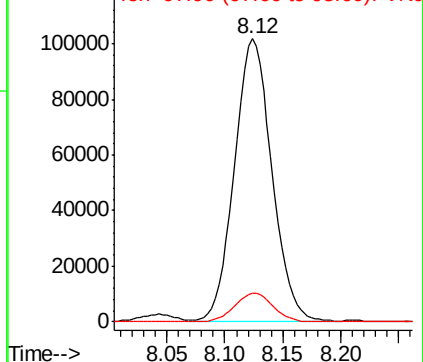


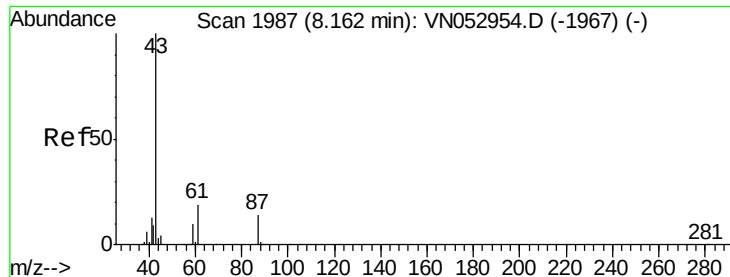
#42
1,2-Dichloroethane
Concen: 20.228 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion:	62	Resp:	227925
Ion	Ratio	Lower	Upper
62	100		
98	10.4	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: 19.039 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0103WBS01

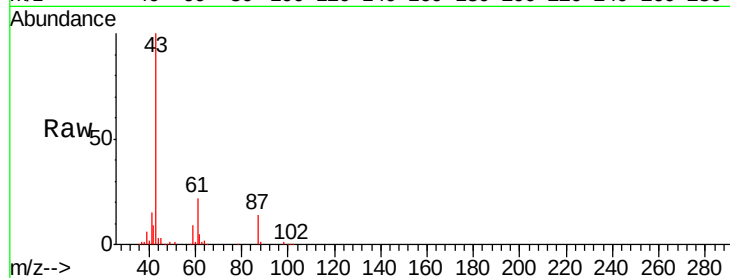
Tgt Ion: 43 Resp: 272706

Ion Ratio Lower Upper

43 100

61 30.0 22.9 34.3

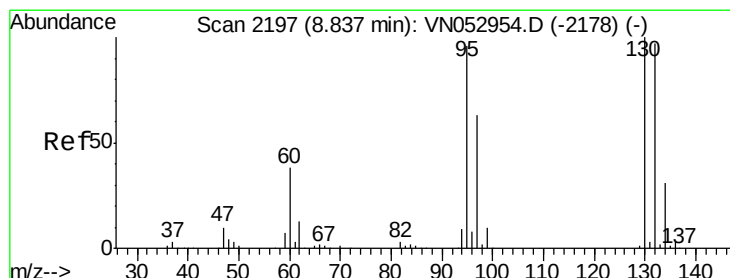
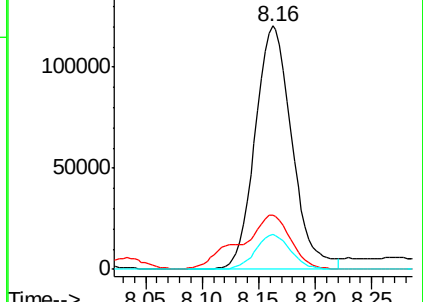
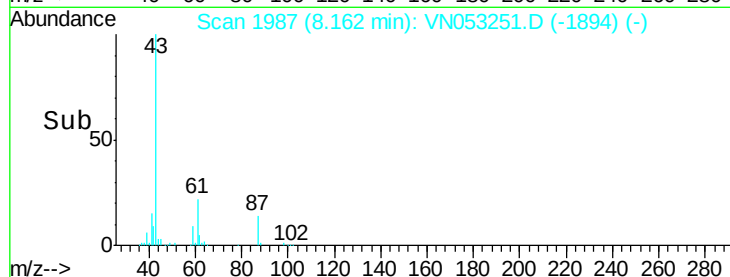
87 13.6 10.6 15.8



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: 19.070 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN053251.D

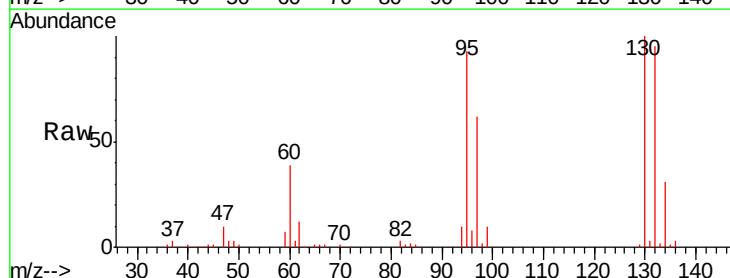
Acq: 3 Jan 2019 10:16

Tgt Ion: 130 Resp: 210387

Ion Ratio Lower Upper

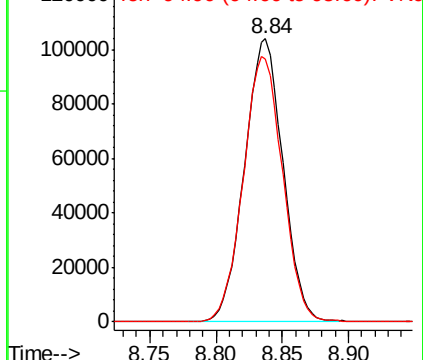
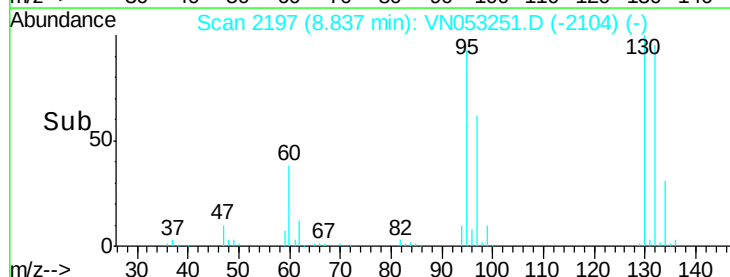
130 100

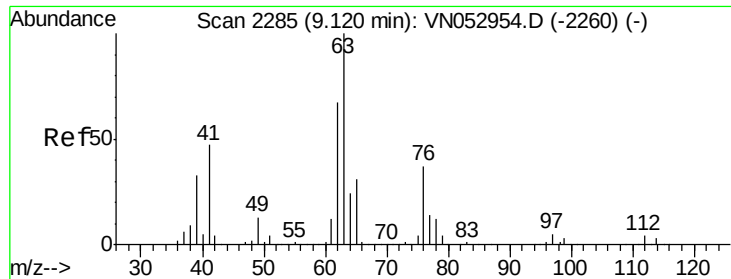
95 92.9 0.0 197.8



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

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

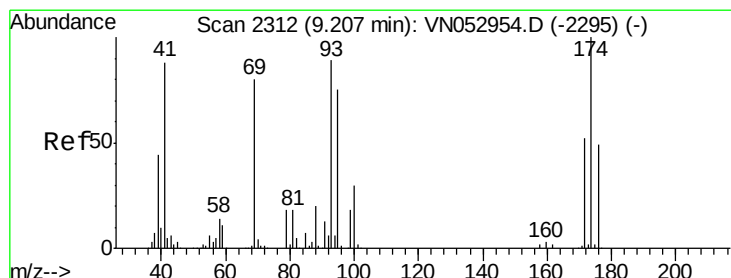
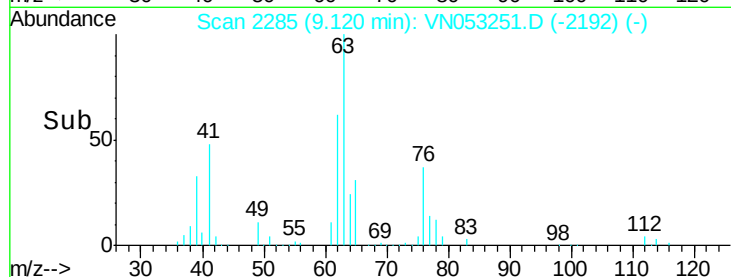
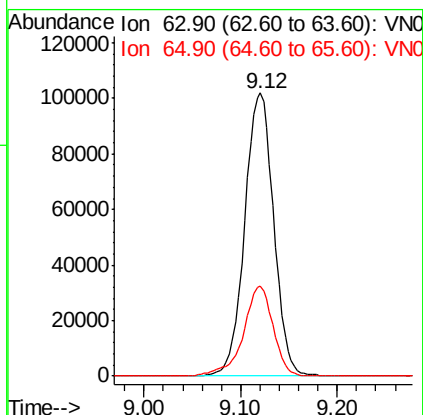
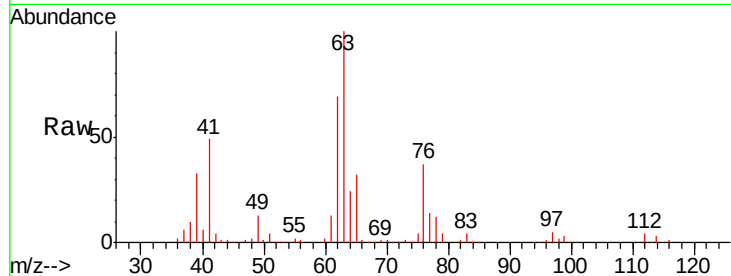




#45
 1,2-Dichloropropane
 Concen: 21.369 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

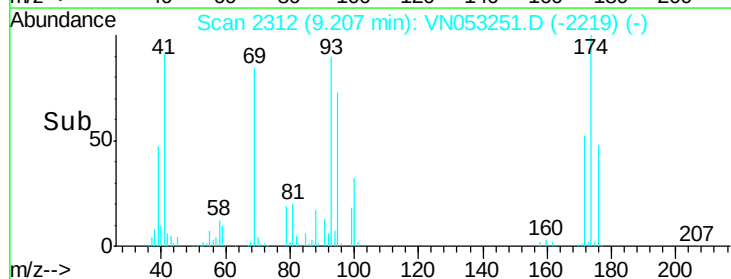
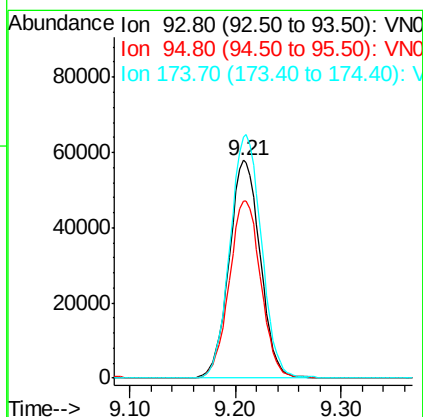
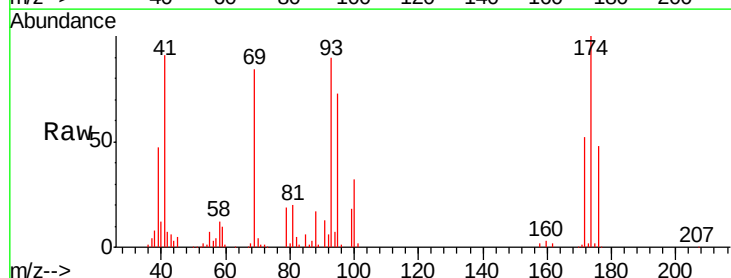
Instrument :
 MSVOA_N
 ClientSampled :
 VN0103WBS01

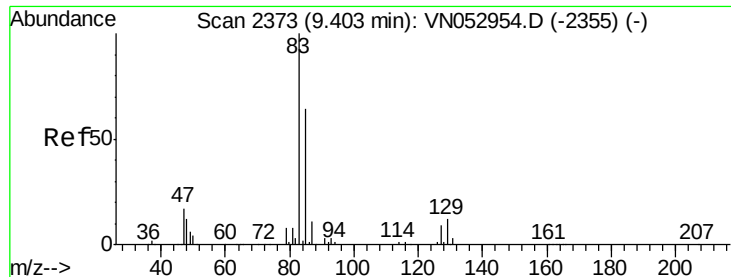
Tgt Ion: 63 Resp: 212308
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.6 37.0



#46
 Dibromomethane
 Concen: 20.414 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Tgt Ion: 93 Resp: 118151
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.8 101.6
 174 112.8 89.0 133.4

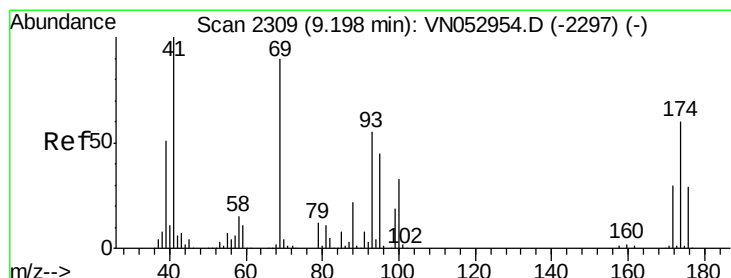
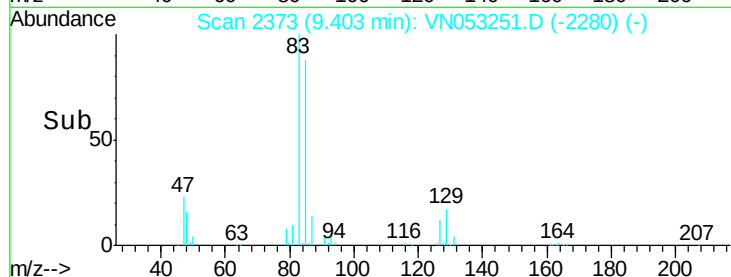
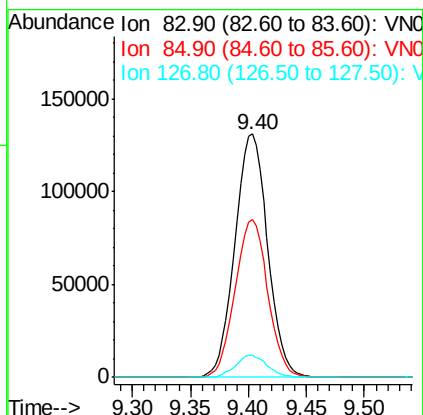
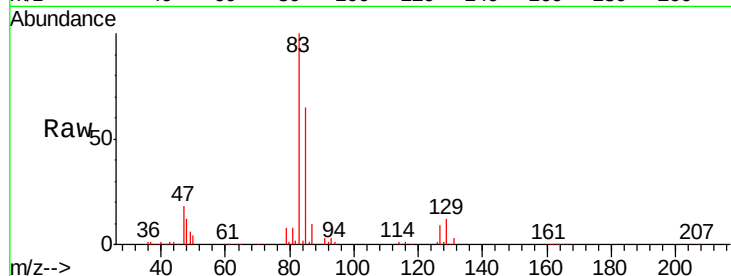




#47
Bromodichloromethane
Concen: 20.876 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

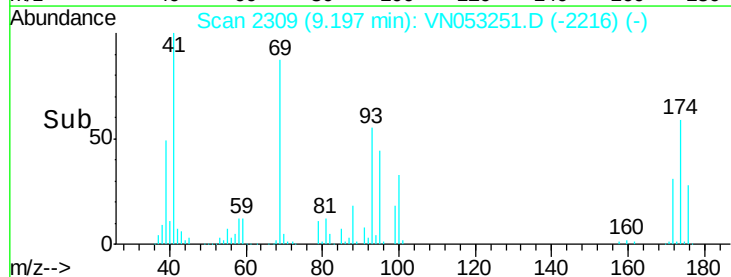
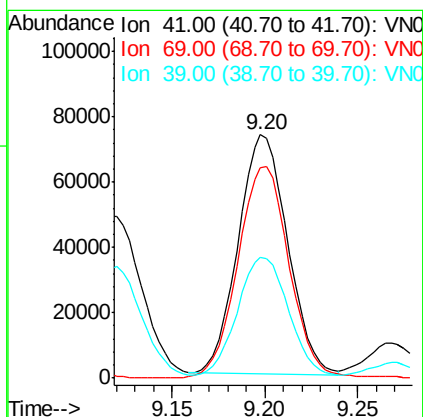
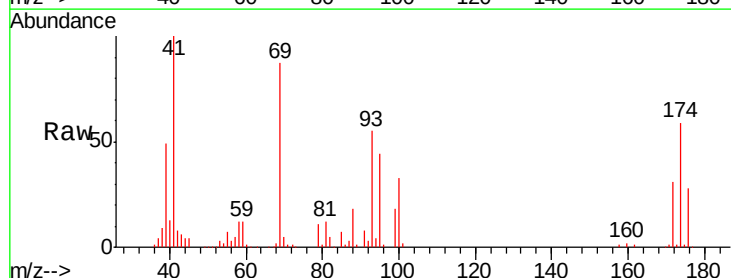
Instrument :
MSVOA_N
ClientSampled :
VN0103WBS01

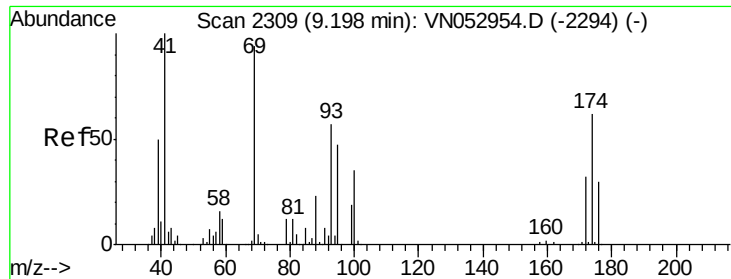
Tgt Ion: 83 Resp: 256829
Ion Ratio Lower Upper
83 100
85 64.9 51.6 77.4
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 19.559 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 41 Resp: 135865
Ion Ratio Lower Upper
41 100
69 92.4 72.2 108.2
39 52.8 41.9 62.9

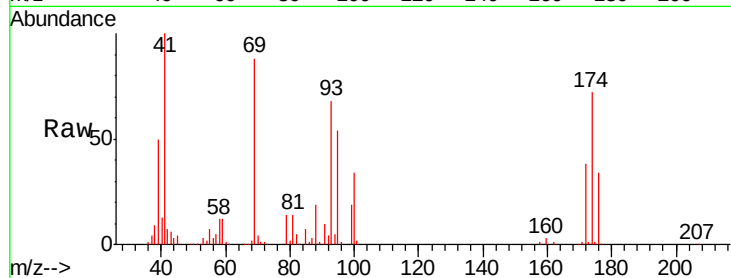




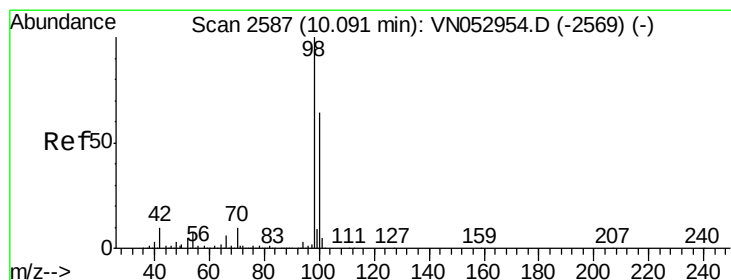
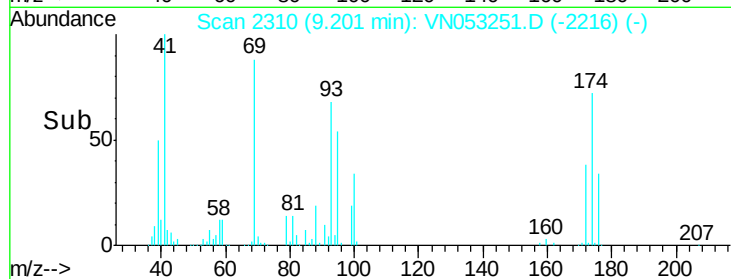
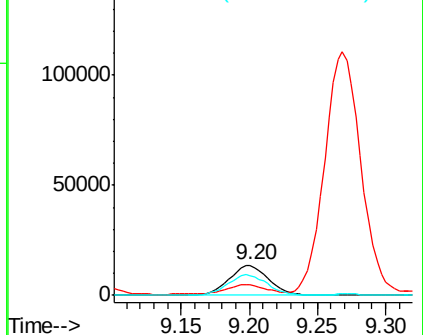
#49
1,4-Dioxane
Concen: 312.153 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

Tgt Ion: 88 Resp: 27429
Ion Ratio Lower Upper
88 100
43 32.7 26.6 40.0
58 70.3 58.4 87.6

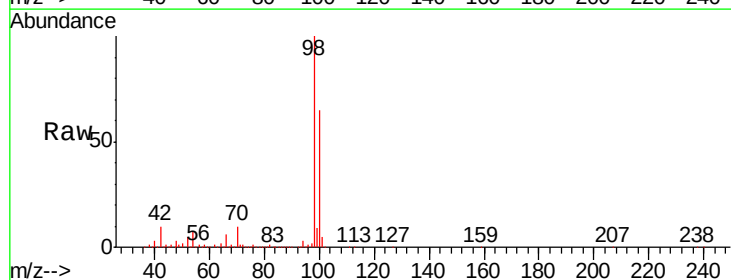


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

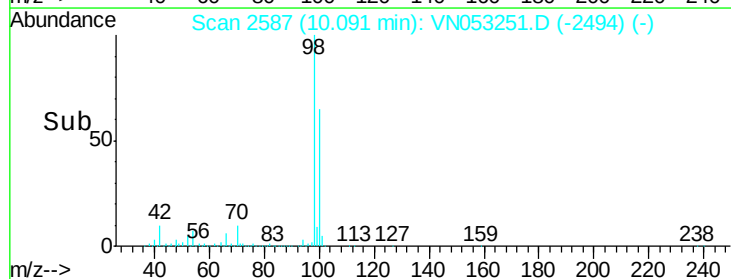
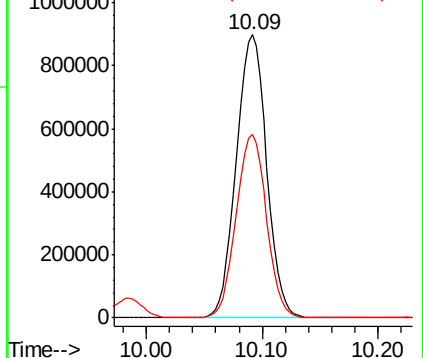


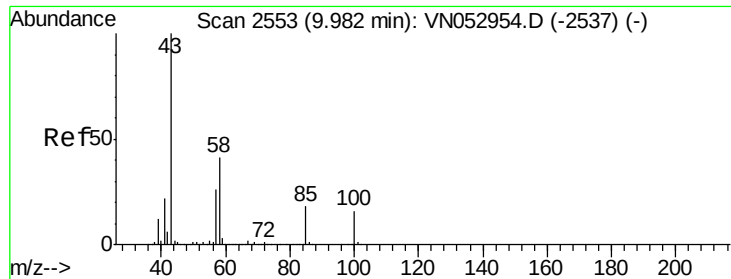
#50
Toluene-d8
Concen: 312.153 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 98 Resp: 1632990
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



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

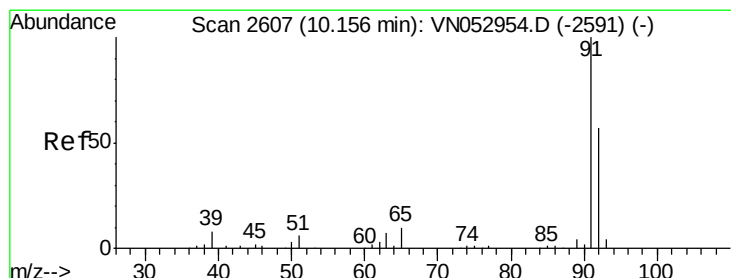
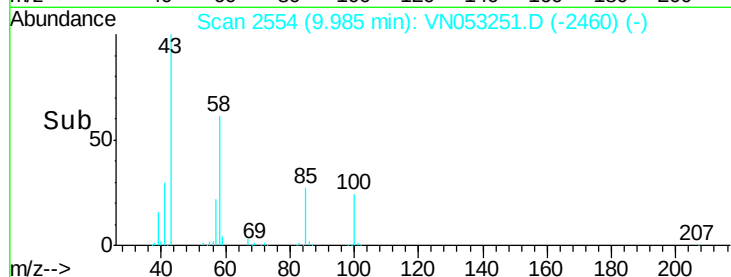
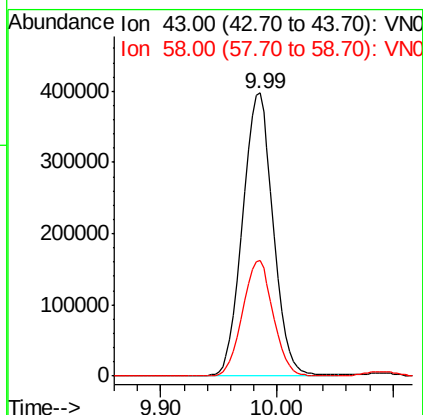
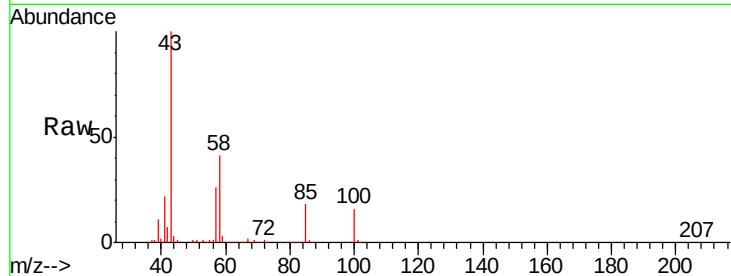




#51
 4-Methyl-2-Pentanone
 Concen: 105.199 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

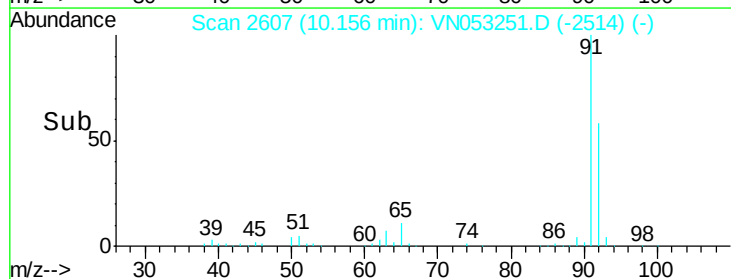
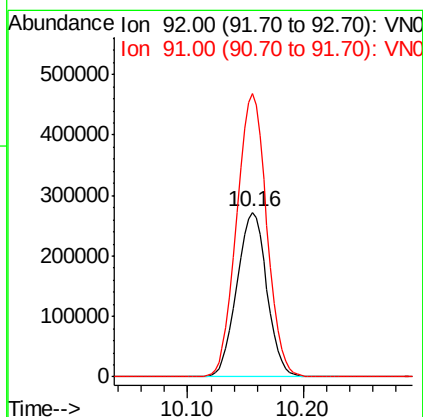
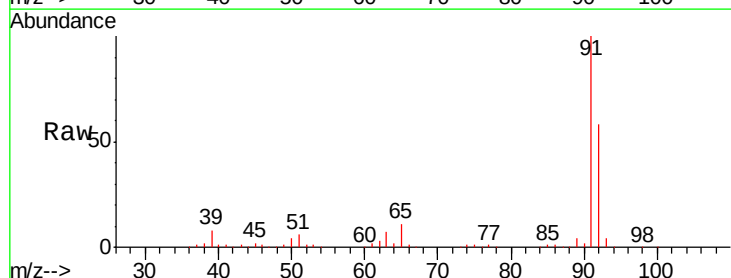
Instrument :
 MSVOA_N
 ClientSampled :
 VN0103WBS01

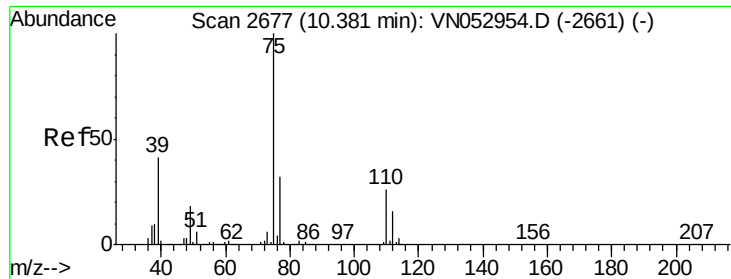
Tgt Ion: 43 Resp: 729299
 Ion Ratio Lower Upper
 43 100
 58 41.0 32.2 48.4



#52
 Toluene
 Concen: 20.586 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Tgt Ion: 92 Resp: 486697
 Ion Ratio Lower Upper
 92 100
 91 173.2 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 19.543 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

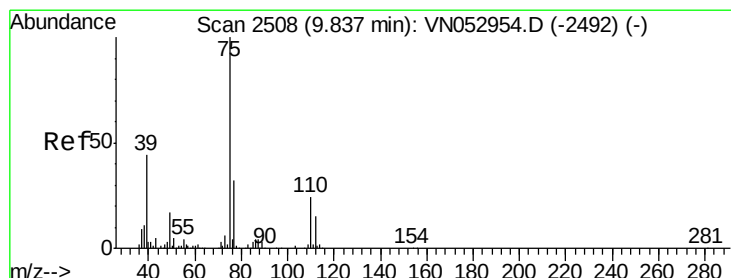
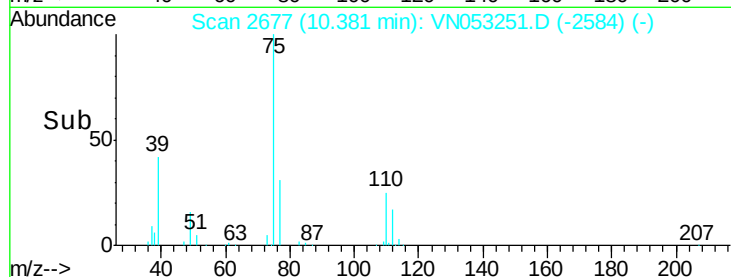
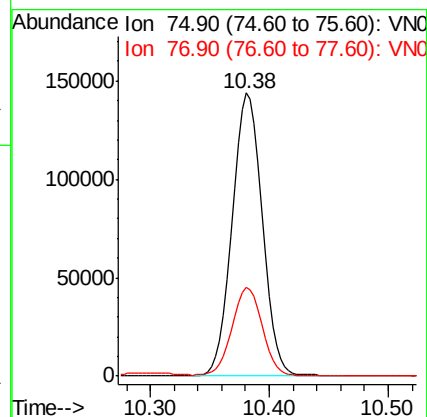
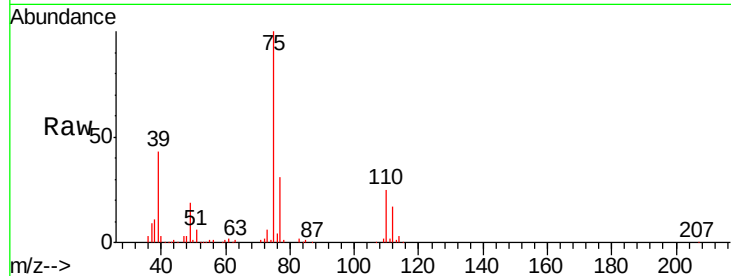
VN0103WBS01

Tgt Ion: 75 Resp: 252825

Ion Ratio Lower Upper

75 100

77 31.0 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.402 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

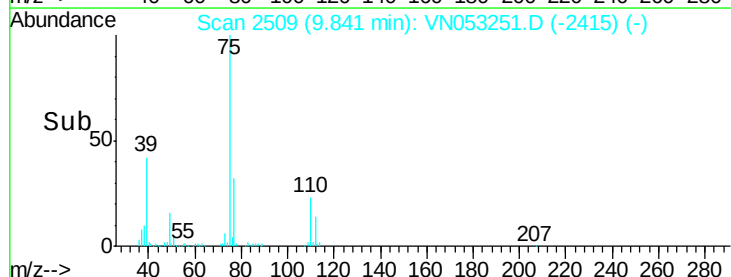
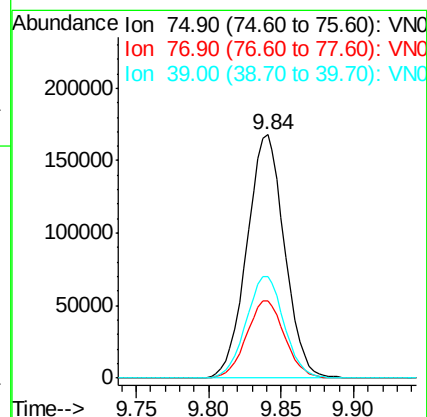
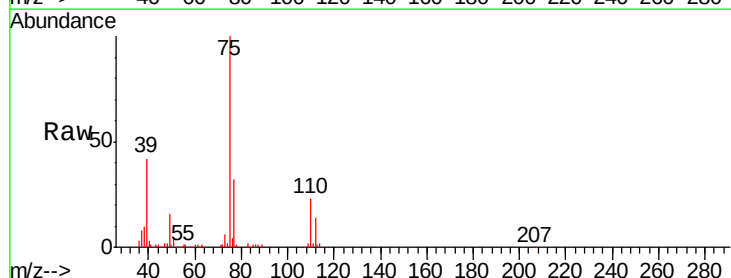
Tgt Ion: 75 Resp: 302958

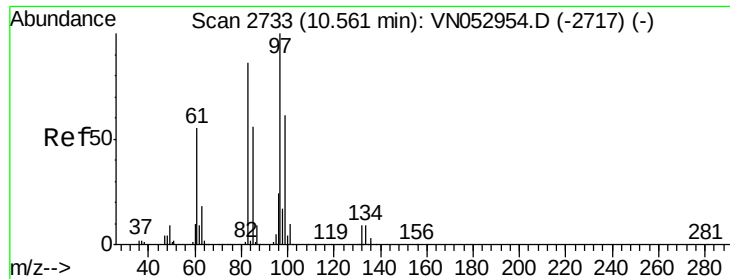
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.8

39 41.6 34.8 52.2

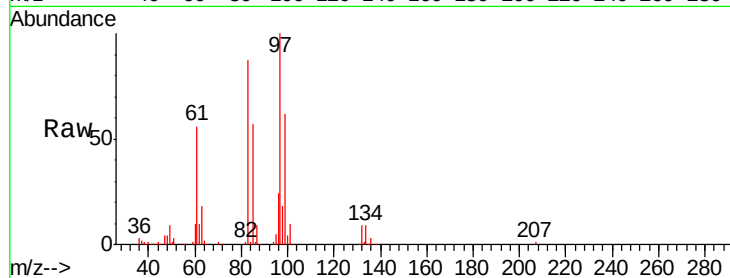




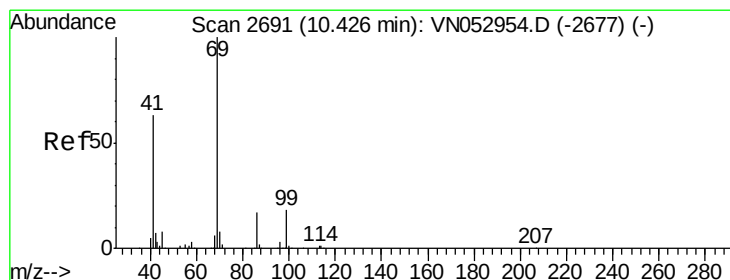
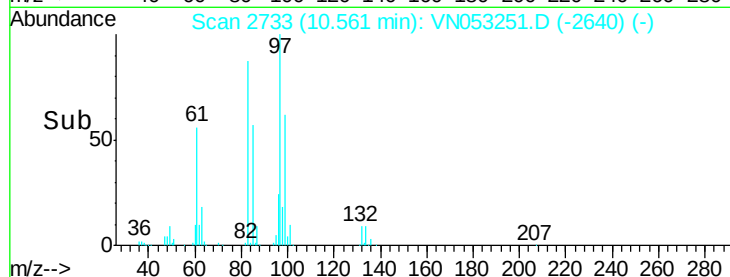
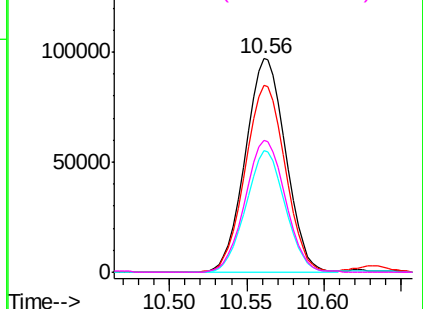
#55
 1,1,2-Trichloroethane
 Concen: 21.394 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Instrument :
 MSVOA_N
 ClientSampled :
 VN0103WBS01

Tgt Ion: 97 Resp: 176459
 Ion Ratio Lower Upper
 97 100
 83 87.5 70.9 106.3
 85 56.8 45.4 68.2
 99 61.7 50.4 75.6

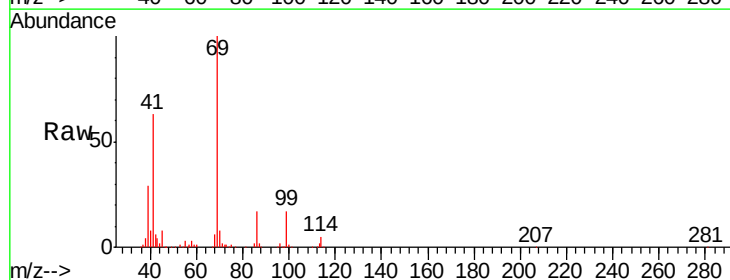


Abundance Ion 96.90 (96.60 to 97.60): VN0
 150000 Ion 82.90 (82.60 to 83.60): VN0
 100000 Ion 84.90 (84.60 to 85.60): VN0
 50000 Ion 98.90 (98.60 to 99.60): VN0

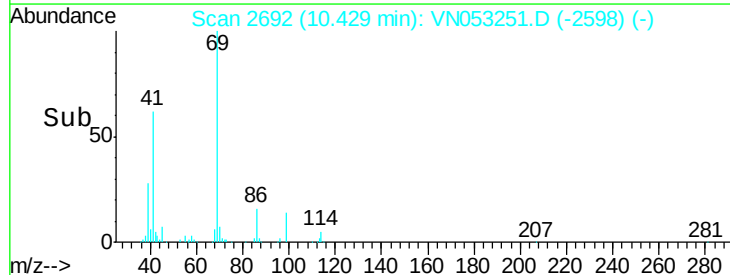
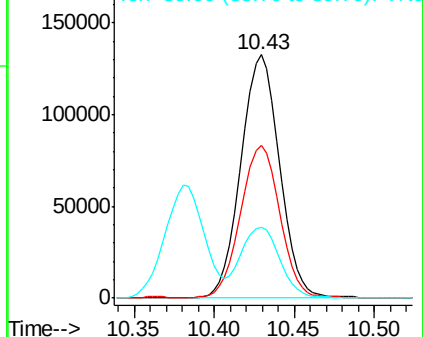


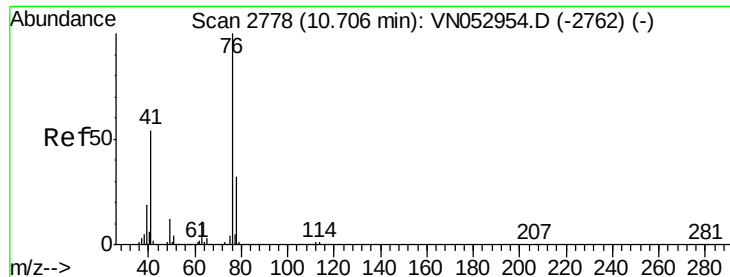
#56
 Ethyl methacrylate
 Concen: 20.024 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Tgt Ion: 69 Resp: 218606
 Ion Ratio Lower Upper
 69 100
 41 62.9 51.7 77.5
 39 29.6 24.6 37.0



Abundance Ion 69.00 (68.70 to 69.70): VN0
 150000 Ion 41.00 (40.70 to 41.70): VN0
 100000 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 20.985 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

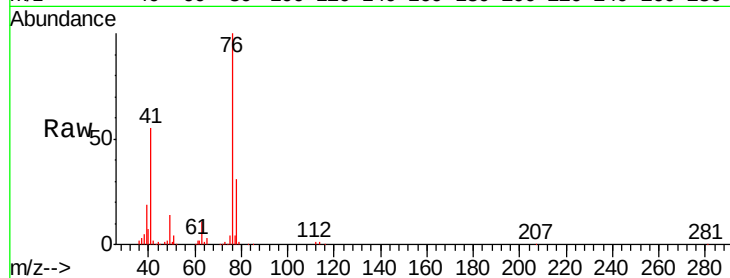
VN0103WBS01

Tgt Ion: 76 Resp: 296801

Ion Ratio Lower Upper

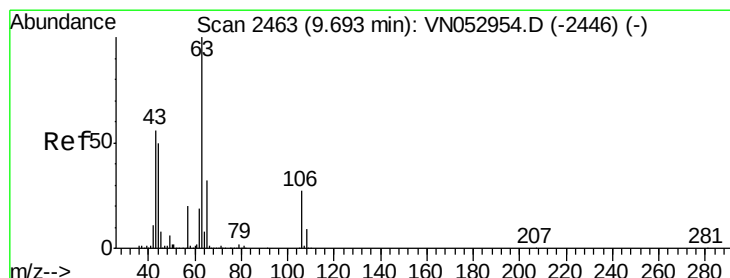
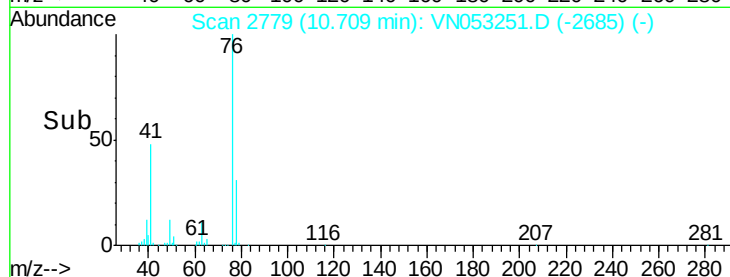
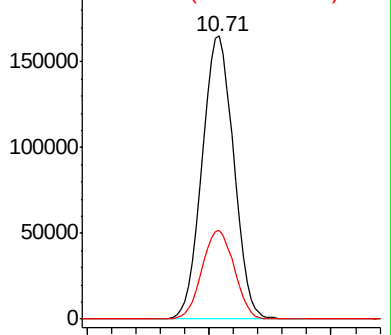
76 100

78 31.9 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: 102.760 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN053251.D

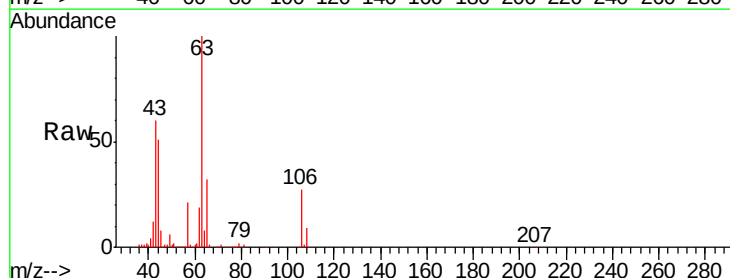
Acq: 3 Jan 2019 10:16

Tgt Ion: 63 Resp: 615880

Ion Ratio Lower Upper

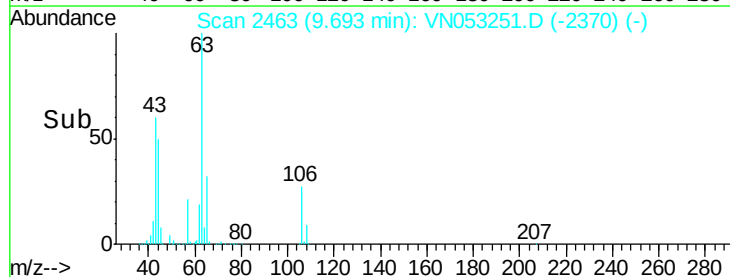
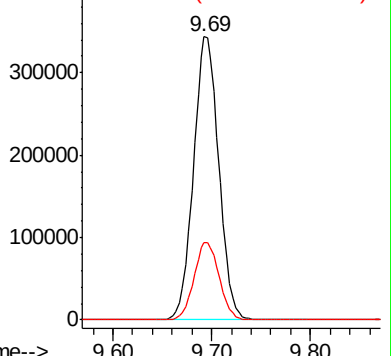
63 100

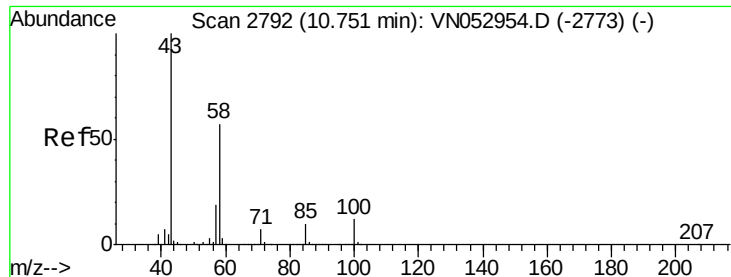
106 27.3 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

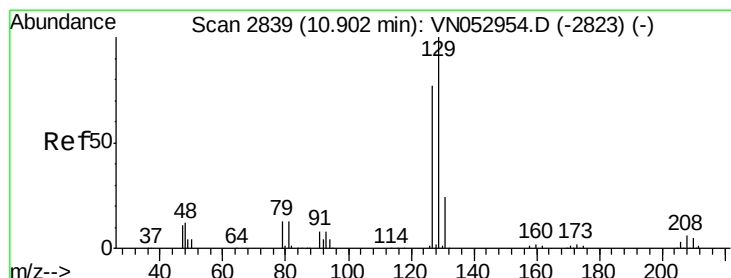
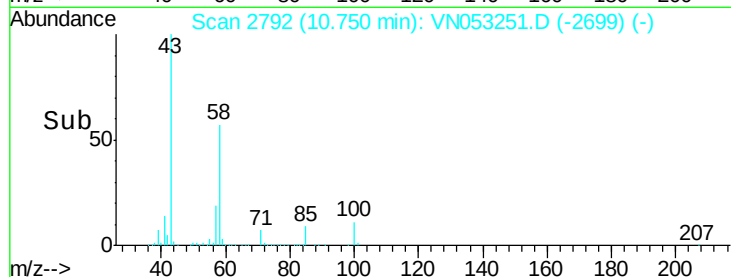
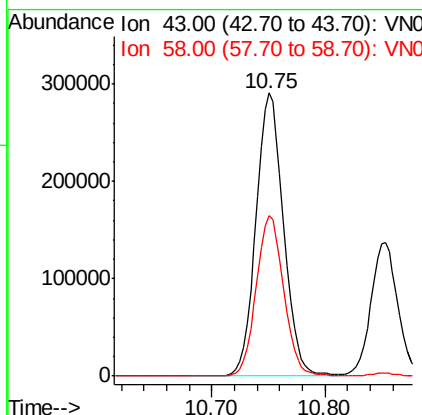
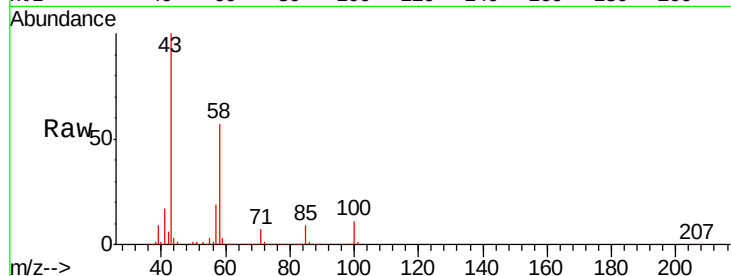




#59
2-Hexanone
Concen: 104.358 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

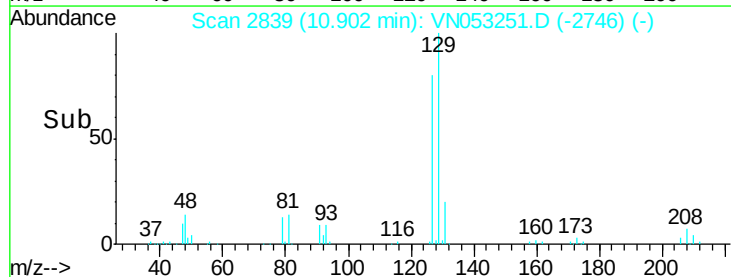
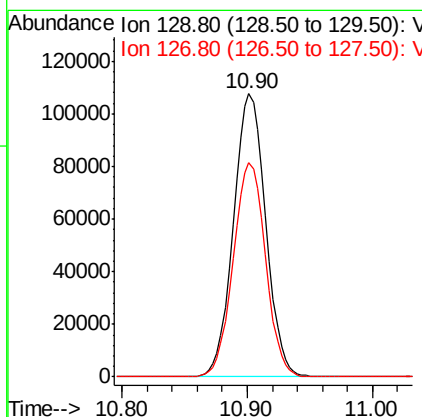
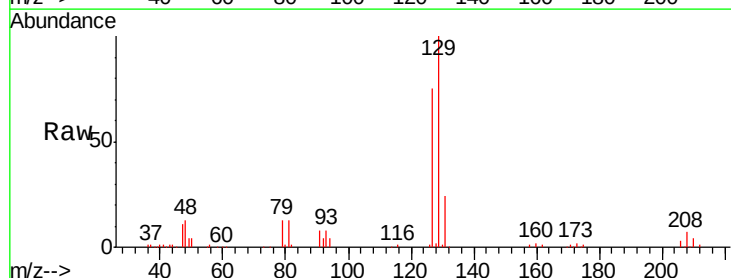
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

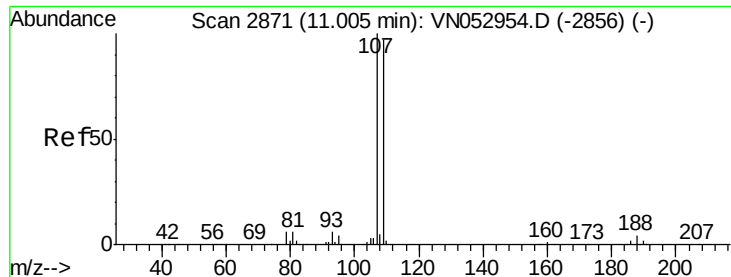
Tgt Ion: 43 Resp: 489486
Ion Ratio Lower Upper
43 100
58 56.9 28.1 84.3



#60
Dibromochloromethane
Concen: 20.366 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 129 Resp: 192280
Ion Ratio Lower Upper
129 100
127 75.7 38.6 116.0

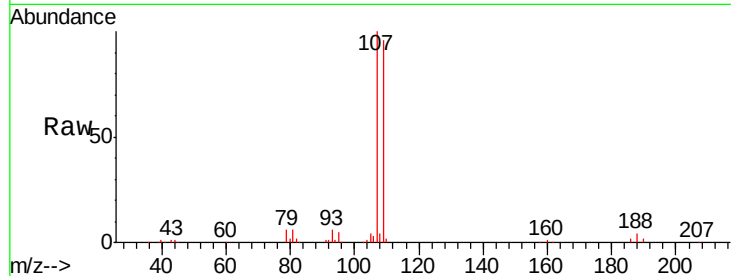




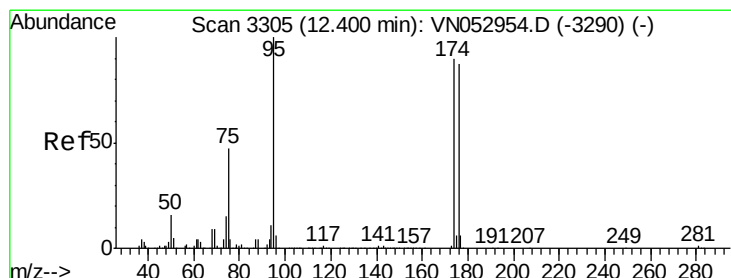
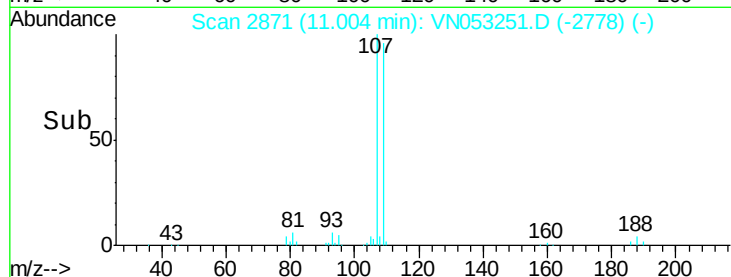
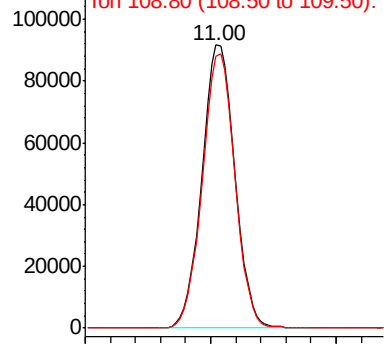
#61
 1,2-Dibromoethane
 Concen: 19.883 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBS01

Tgt Ion: 107 Resp: 166554
 Ion Ratio Lower Upper
 107 100
 109 96.0 75.4 113.0

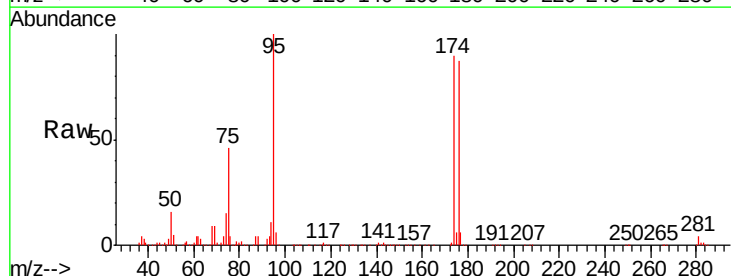


Abundance Ion 106.90 (106.60 to 107.60): V
 Ion 108.80 (108.50 to 109.50): V

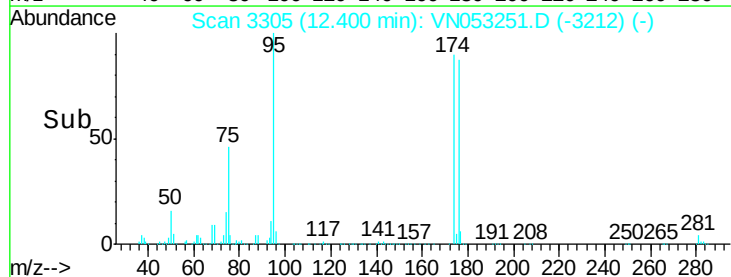
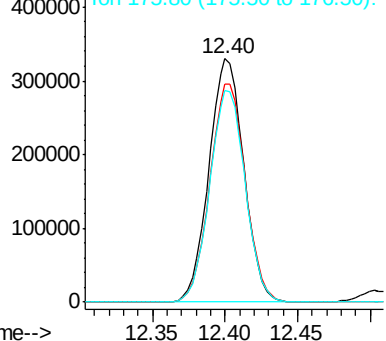


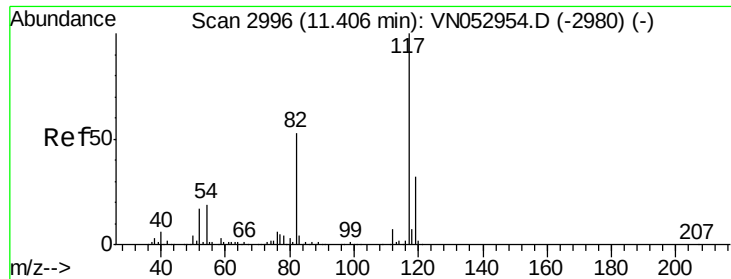
#62
 4-Bromofluorobenzene
 Concen: 19.883 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Tgt Ion: 95 Resp: 551635
 Ion Ratio Lower Upper
 95 100
 174 90.9 0.0 178.8
 176 88.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): V
 Ion 173.80 (173.50 to 174.50): V
 Ion 175.80 (175.50 to 176.50): V

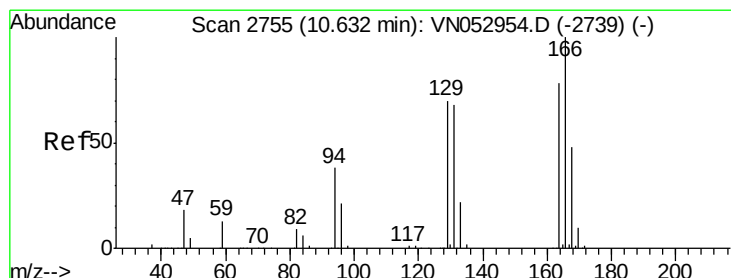
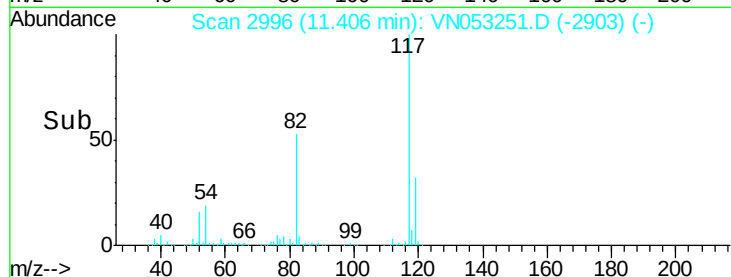
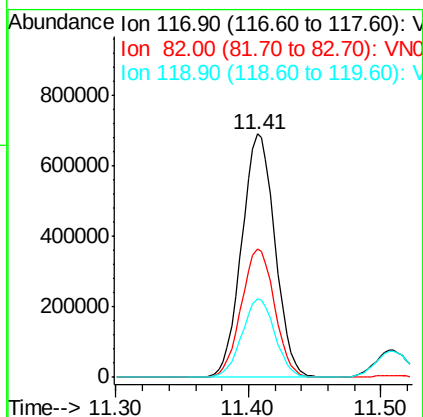
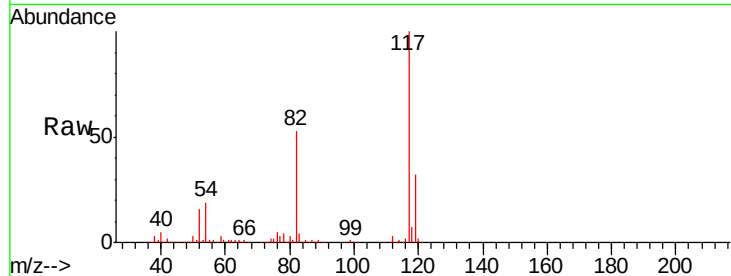




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

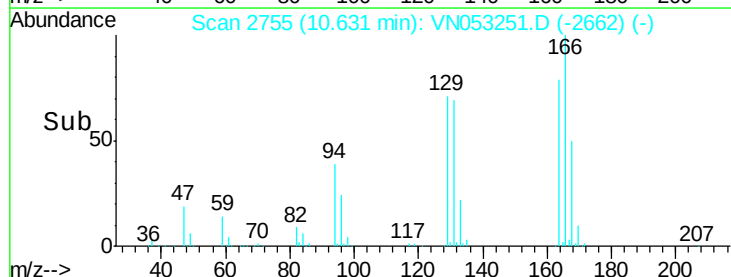
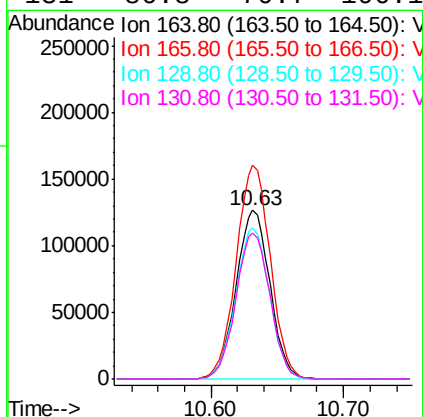
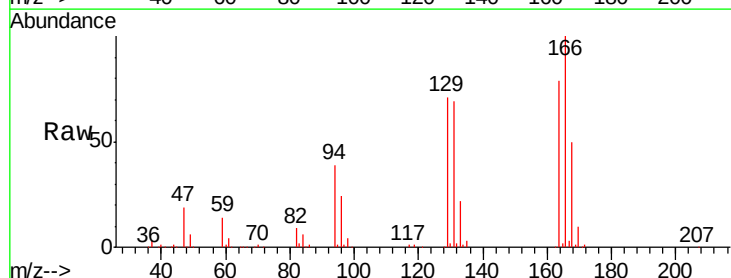
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

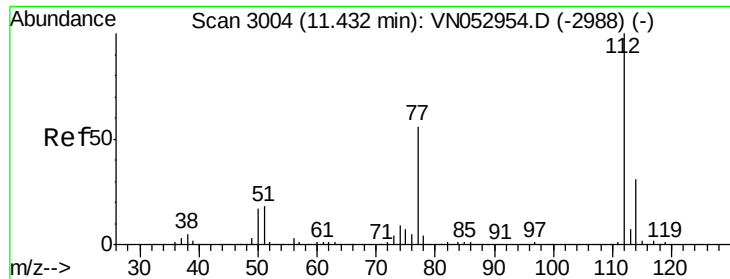
Tgt Ion:117 Resp: 1198201
Ion Ratio Lower Upper
117 100
82 52.7 42.8 64.2
119 32.1 25.5 38.3



#64
Tetrachloroethene
Concen: 17.230 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion:164 Resp: 223632
Ion Ratio Lower Upper
164 100
166 126.5 102.9 154.3
129 89.5 73.7 110.5
131 86.8 70.7 106.1

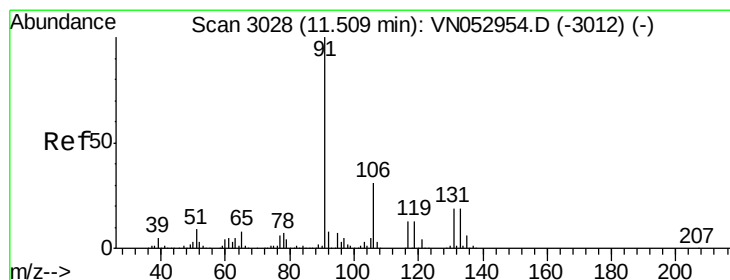
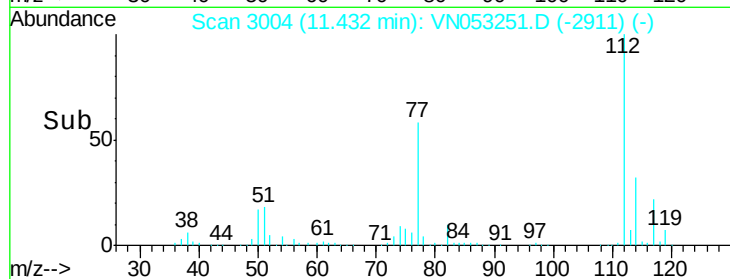
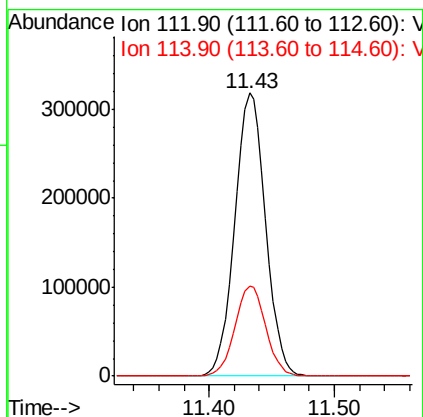
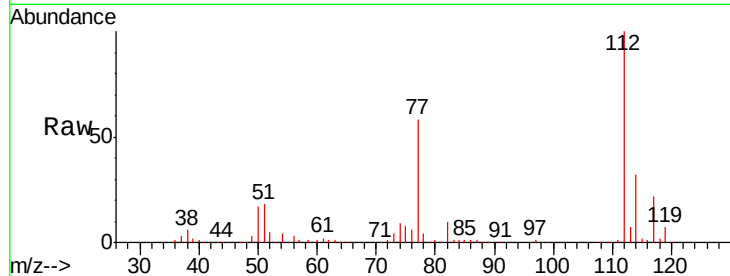




#65
Chlorobenzene
Concen: 20.400 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

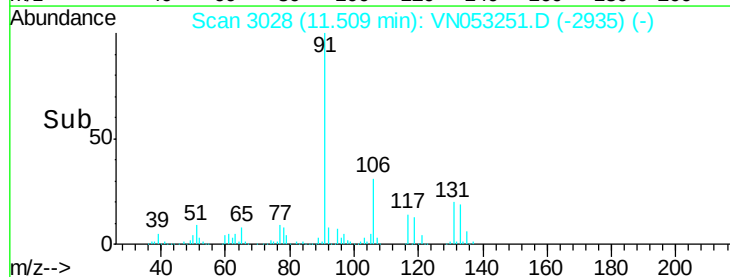
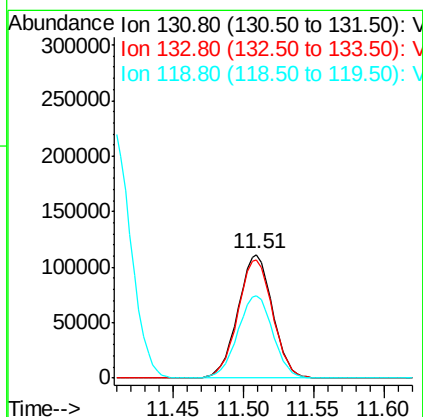
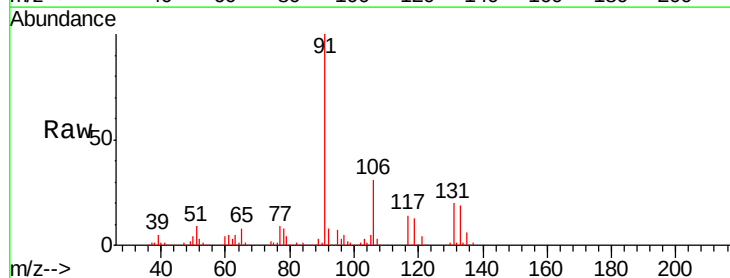
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

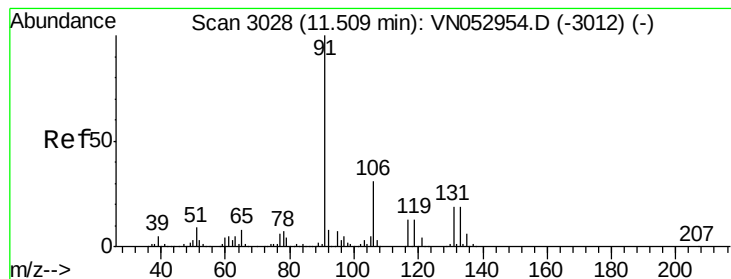
Tgt Ion:112 Resp: 541832
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.735 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion:131 Resp: 191521
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.9
119 67.8 33.3 99.8





#67

Ethyl Benzene

Concen: 20.207 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

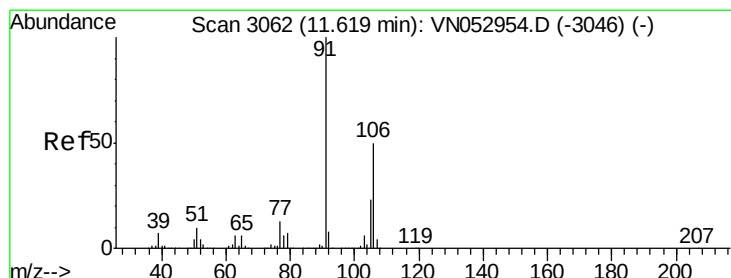
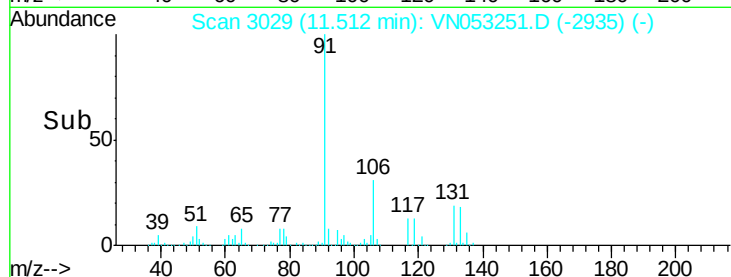
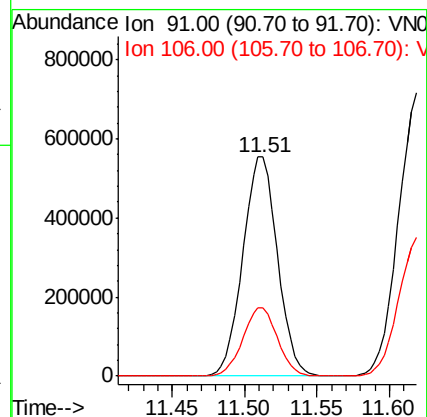
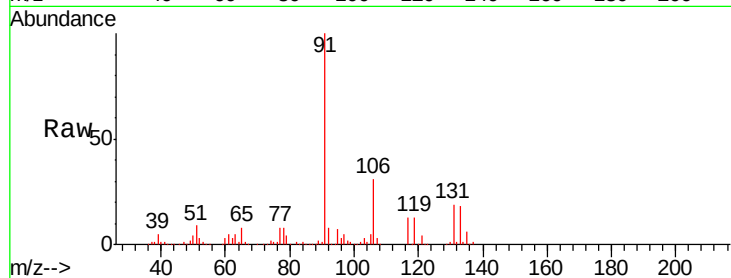
VN0103WBS01

Tgt Ion: 91 Resp: 922997

Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3



#68

m/p-Xylenes

Concen: 40.062 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053251.D

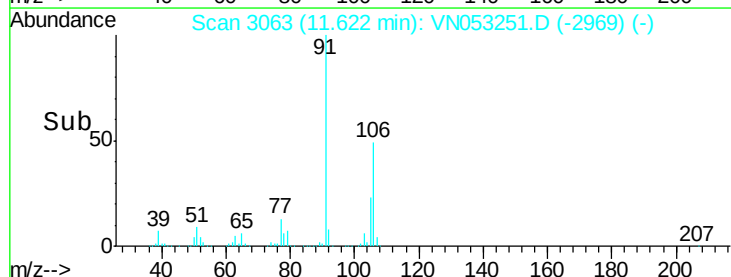
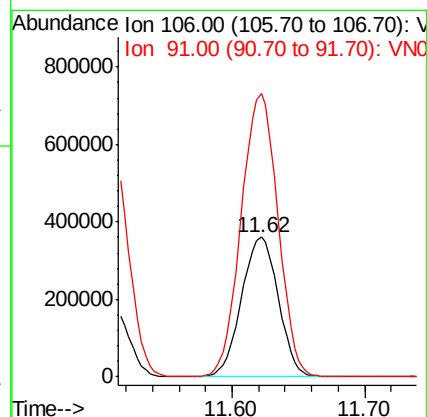
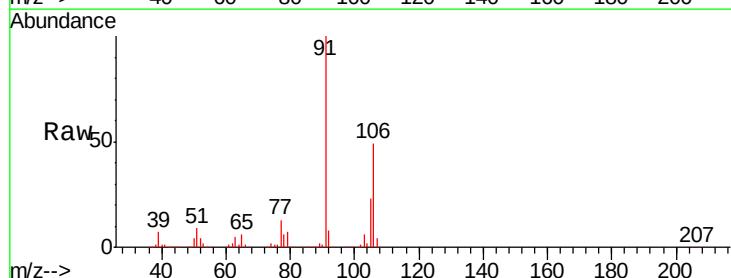
Acq: 3 Jan 2019 10:16

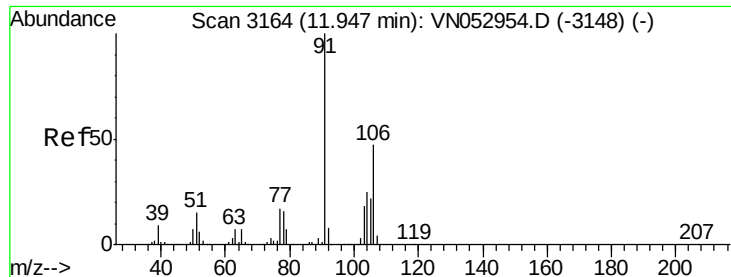
Tgt Ion:106 Resp: 695664

Ion Ratio Lower Upper

106 100

91 202.6 162.2 243.4

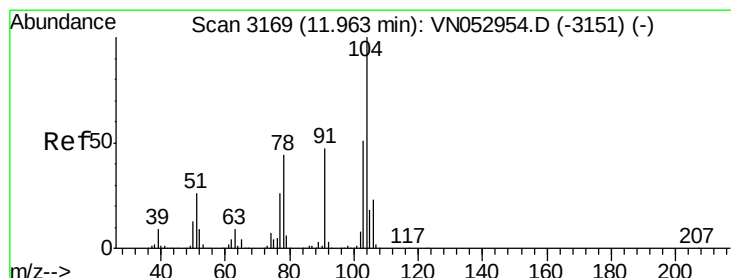
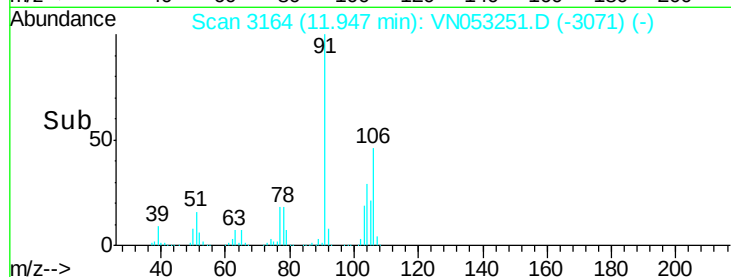
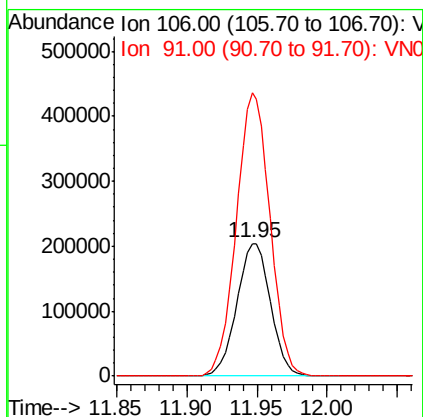
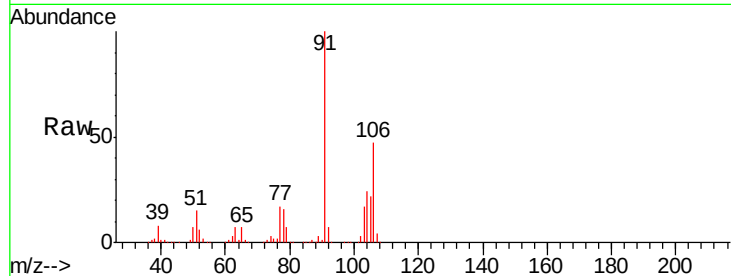




#69
o-Xylene
Concen: 20.460 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

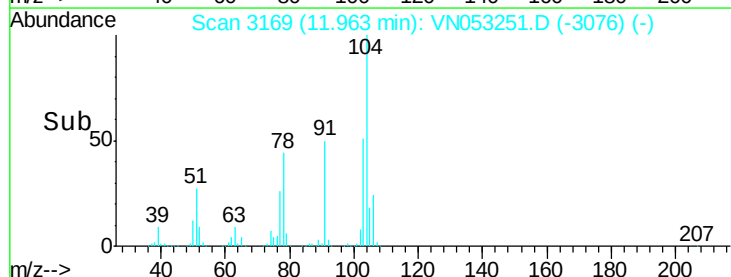
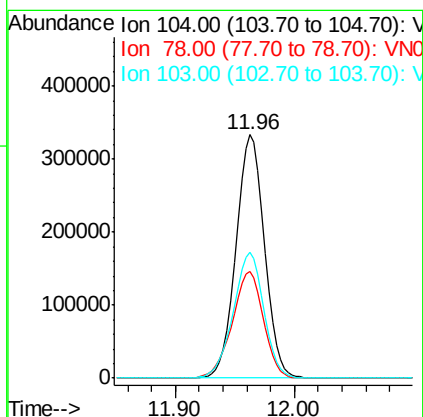
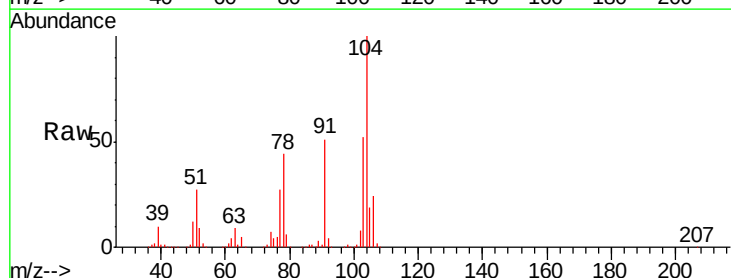
Instrument :
MSVOA_N
ClientSampled :
VN0103WBS01

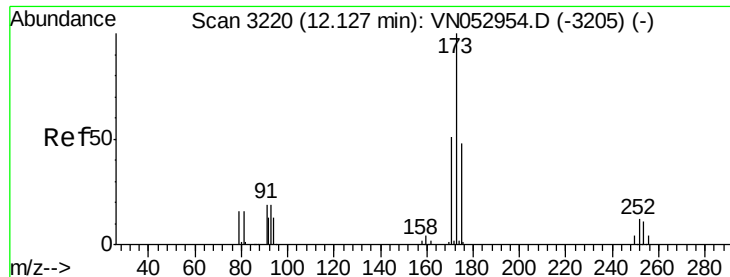
Tgt Ion:106 Resp: 340921
Ion Ratio Lower Upper
106 100
91 213.2 106.6 319.8



#70
Styrene
Concen: 20.309 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion:104 Resp: 551814
Ion Ratio Lower Upper
104 100
78 47.9 38.9 58.3
103 55.5 44.3 66.5

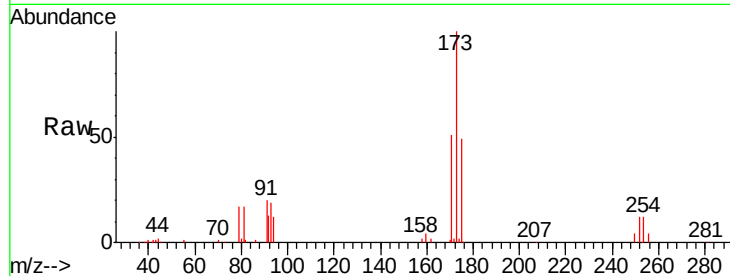




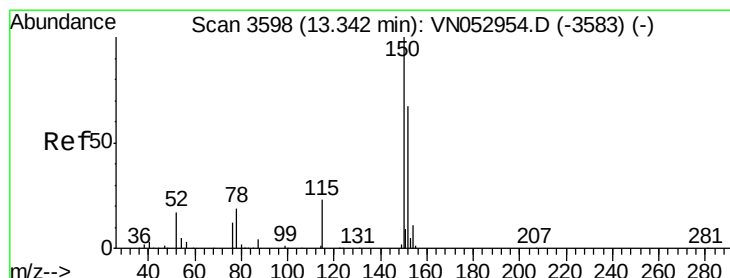
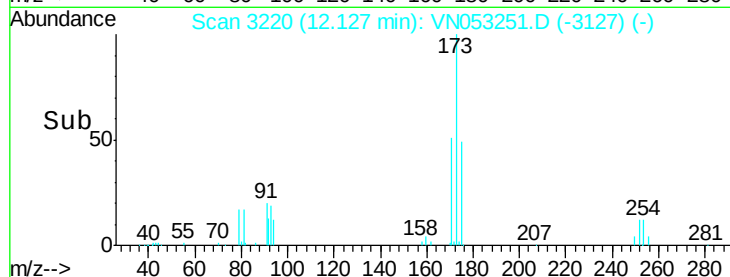
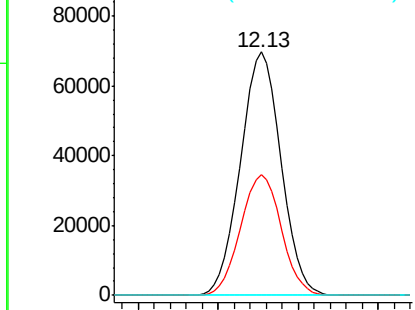
#71
Bromoform
Concen: 18.067 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

Tgt Ion:173 Resp: 120556
Ion Ratio Lower Upper
173 100
175 49.7 24.3 72.9
254 0.0 0.1 0.1#

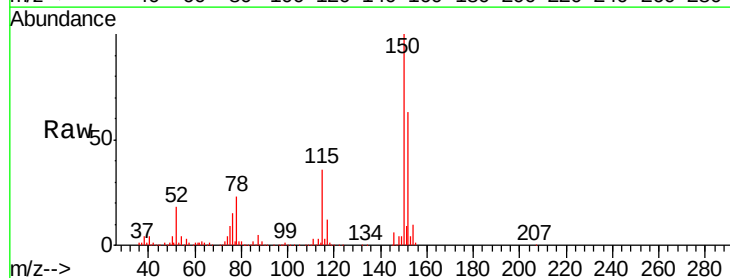


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

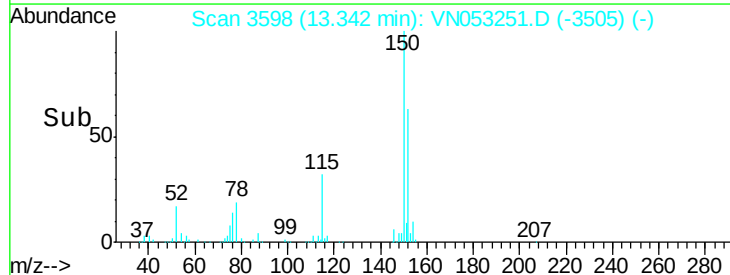
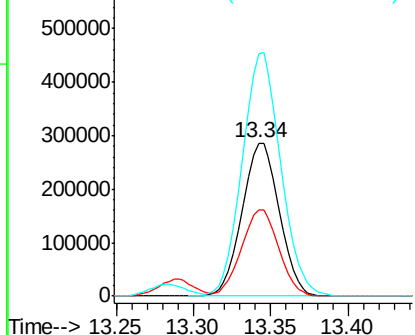


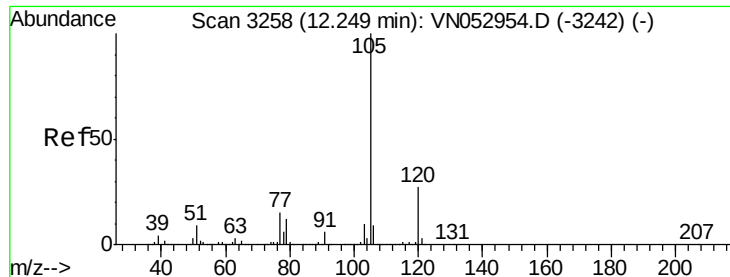
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion:152 Resp: 480494
Ion Ratio Lower Upper
152 100
115 56.6 28.3 85.0
150 164.4 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: 24.194 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

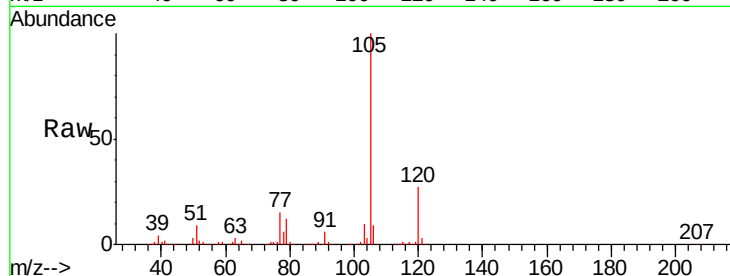
VN0103WBS01

Tgt Ion: 105 Resp: 909560

Ion Ratio Lower Upper

105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.25

600000

500000

400000

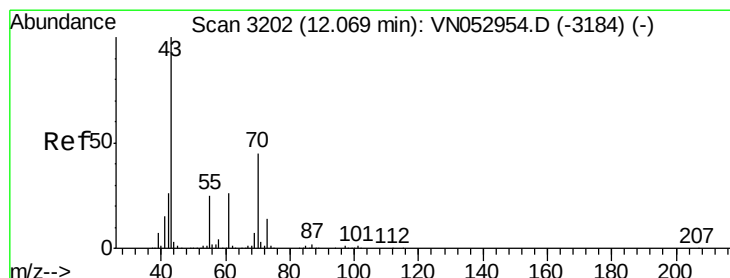
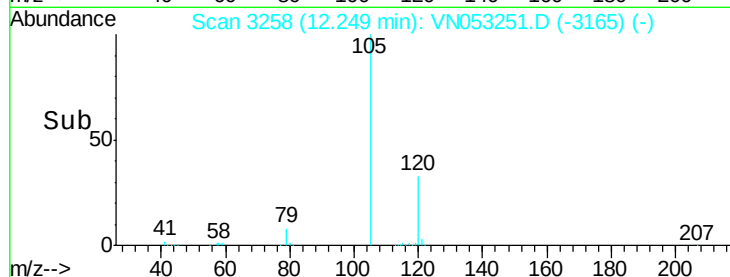
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 21.285 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Tgt Ion: 43 Resp: 222160

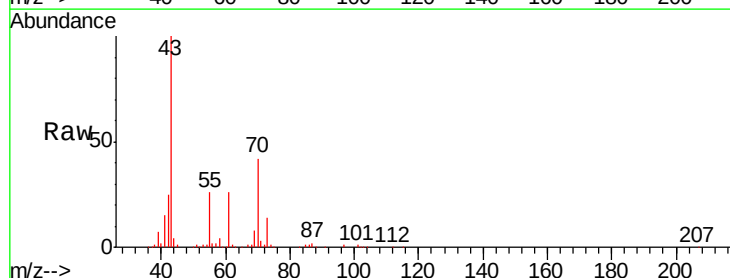
Ion Ratio Lower Upper

43 100

70 43.0 34.2 51.4

55 26.0 20.3 30.5

61 25.4 20.0 30.0



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

12.07

200000

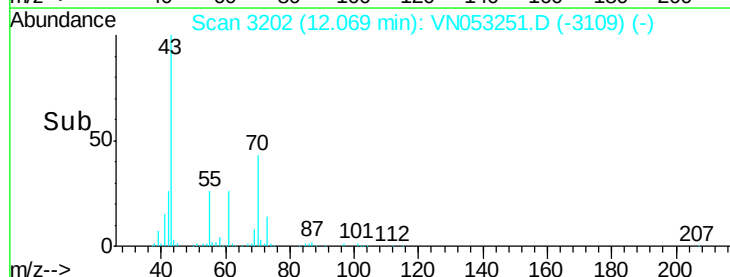
150000

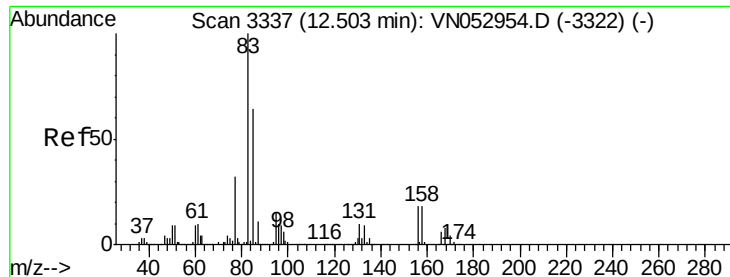
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 23.503 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0103WBS01

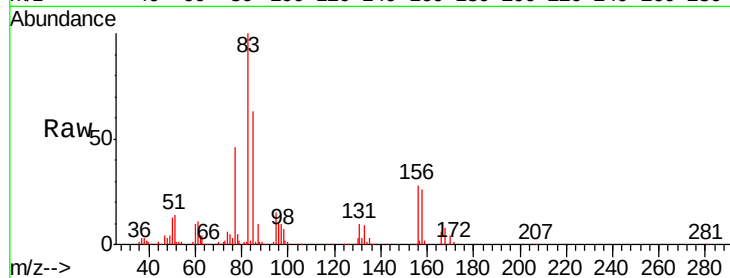
Tgt Ion: 83 Resp: 173347

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

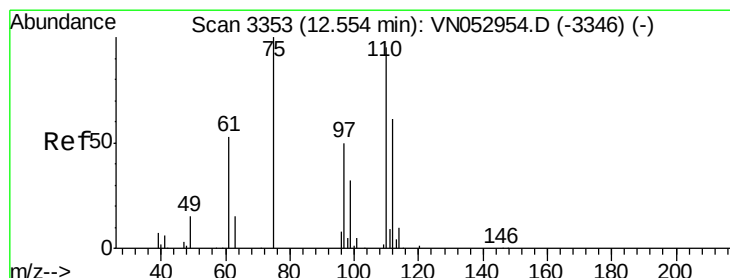
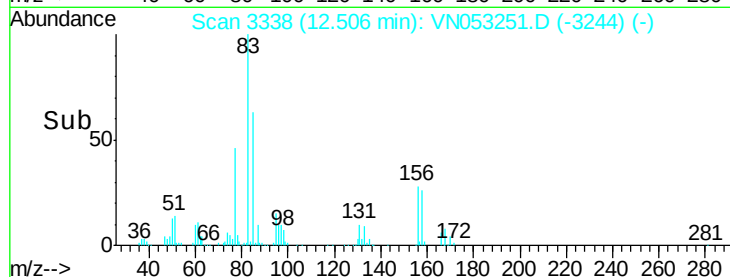
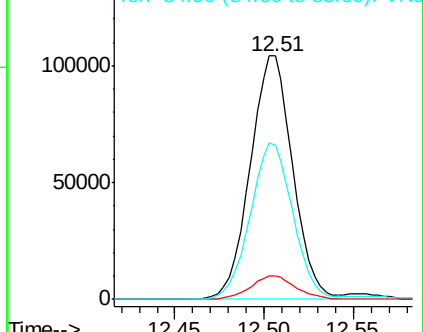
85 64.3 32.4 97.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 28.779 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053251.D

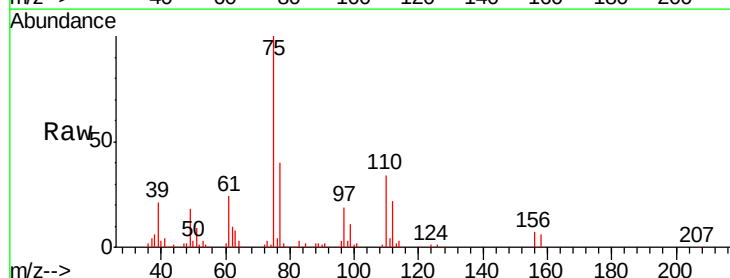
Acq: 3 Jan 2019 10:16

Tgt Ion: 75 Resp: 232781

Ion Ratio Lower Upper

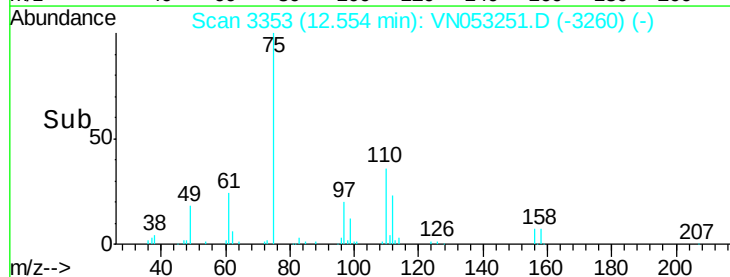
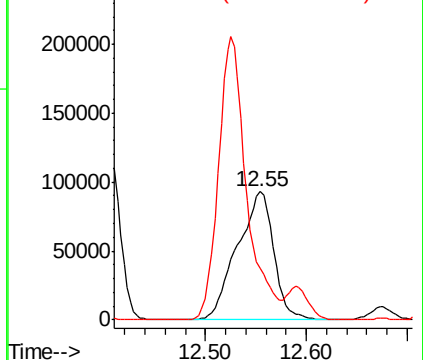
75 100

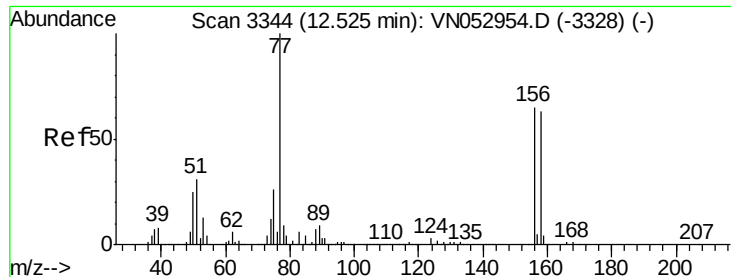
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 23.154 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0103WBS01

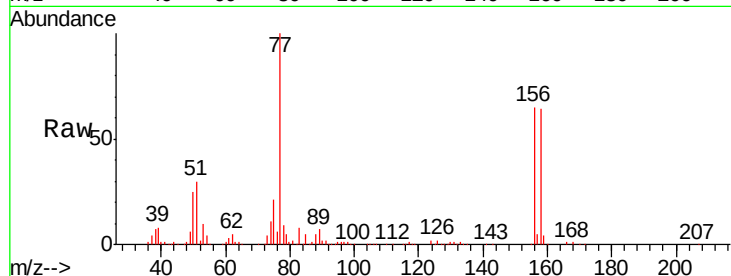
Tgt Ion:156 Resp: 226272

Ion Ratio Lower Upper

156 100

77 175.5 91.3 273.8

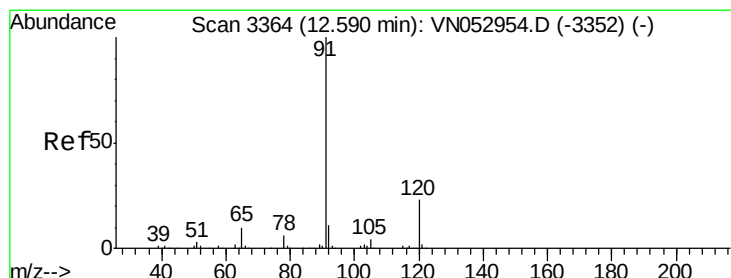
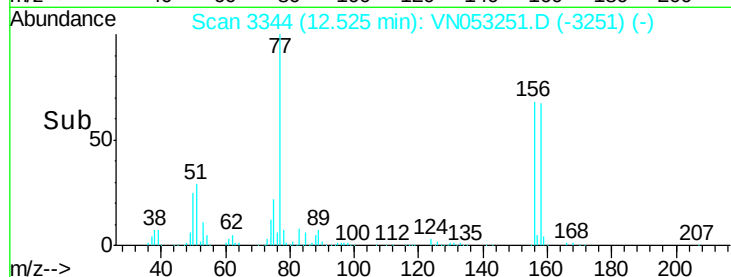
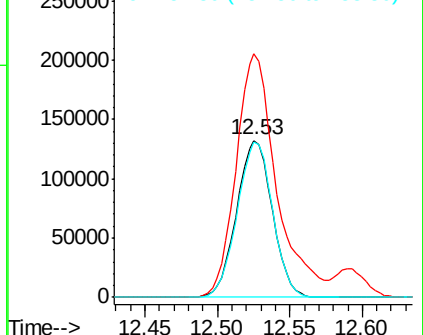
158 98.5 49.0 147.2



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: 23.652 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053251.D

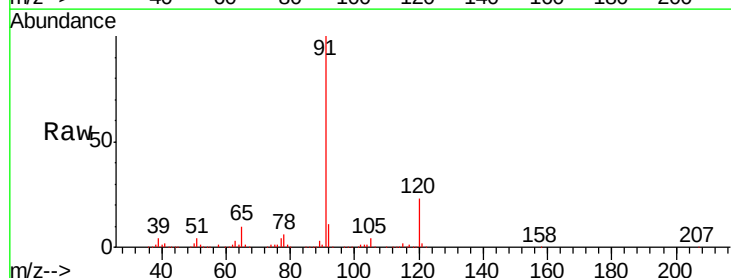
Acq: 3 Jan 2019 10:16

Tgt Ion: 91 Resp: 1012693

Ion Ratio Lower Upper

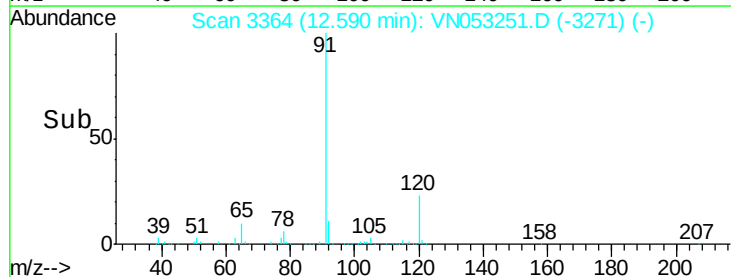
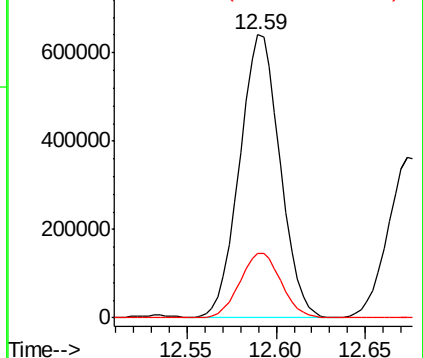
91 100

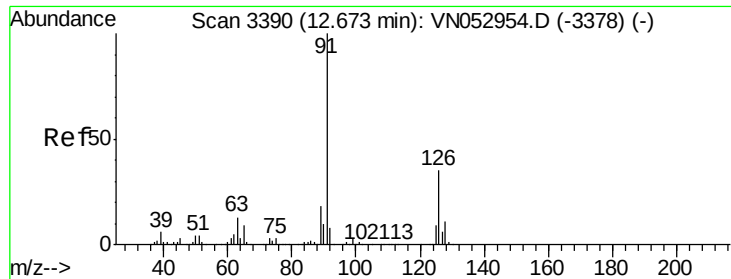
120 23.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.520 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

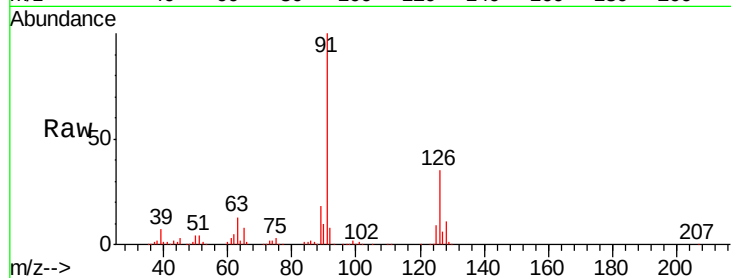
VN0103WBS01

Tgt Ion: 91 Resp: 597681

Ion Ratio Lower Upper

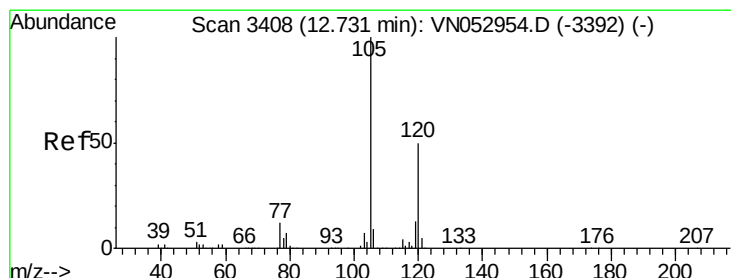
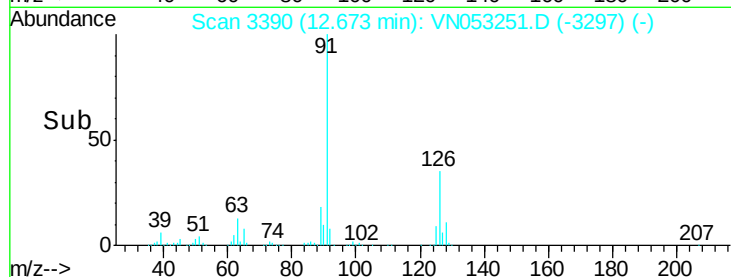
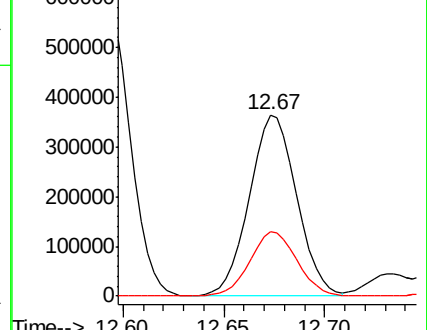
91 100

126 35.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VN052954.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN052954.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.940 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053251.D

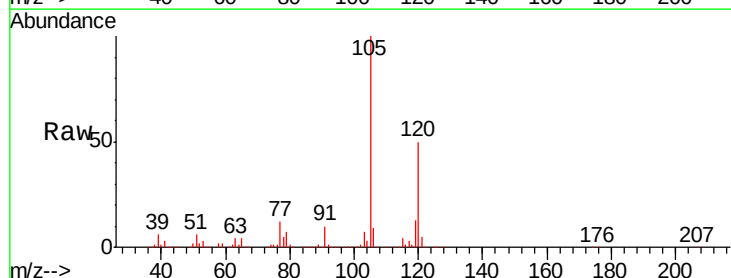
Acq: 3 Jan 2019 10:16

Tgt Ion: 105 Resp: 702955

Ion Ratio Lower Upper

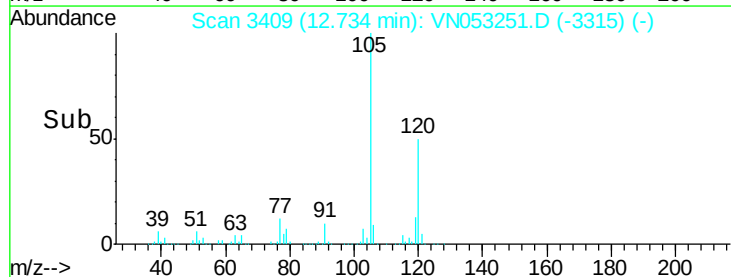
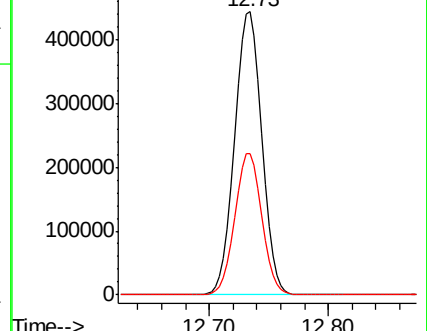
105 100

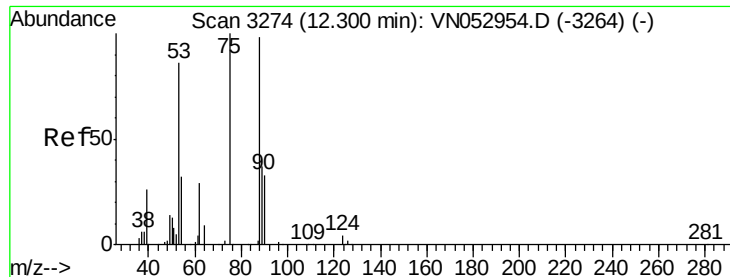
120 49.5 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN052954.D (-3392) (-)

Ion 120.00 (119.70 to 120.70): VN052954.D (-3392) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.560 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0103WBS01

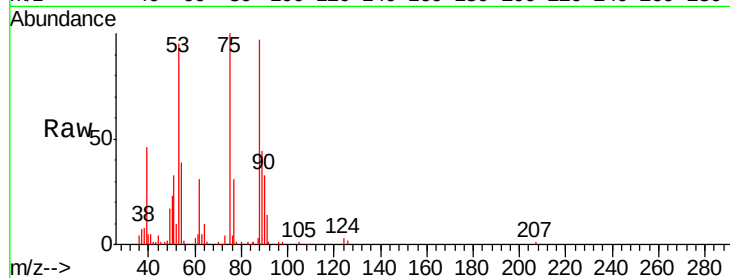
Tgt Ion: 75 Resp: 51596

Ion Ratio Lower Upper

75 100

53 92.2 74.7 112.1

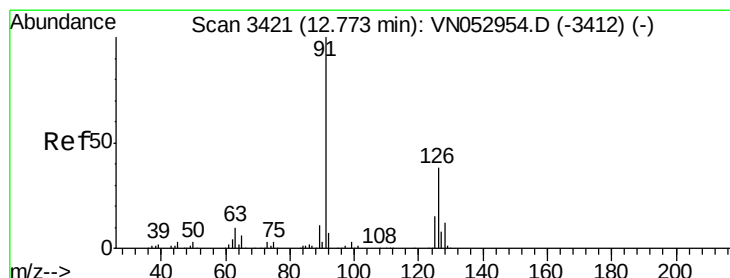
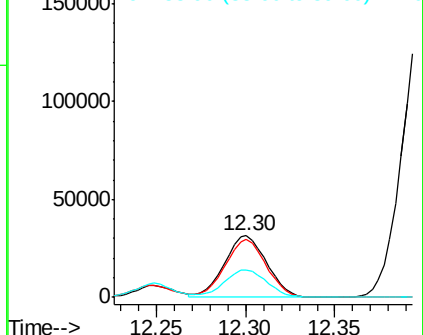
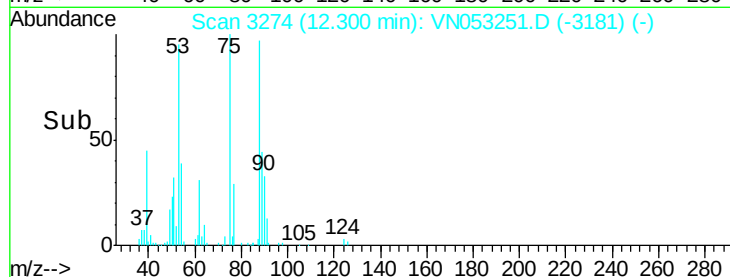
89 45.1 36.1 54.1



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: 22.935 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053251.D

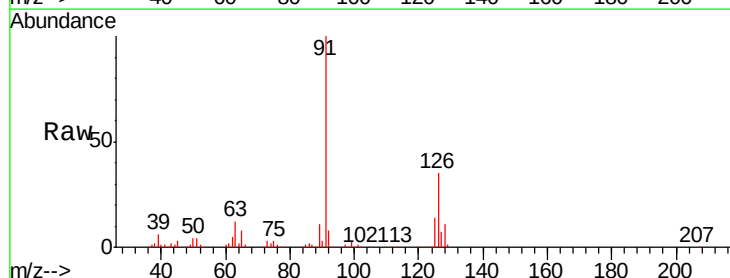
Acq: 3 Jan 2019 10:16

Tgt Ion: 91 Resp: 595858

Ion Ratio Lower Upper

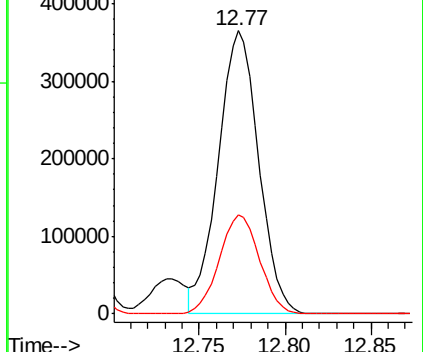
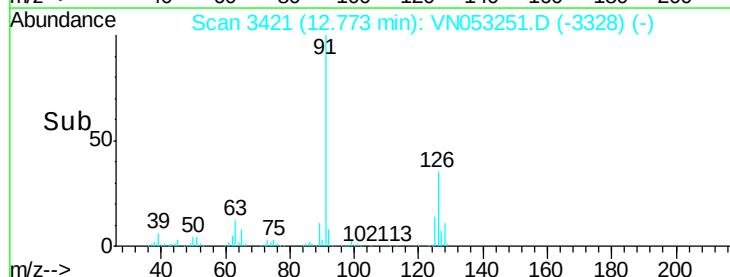
91 100

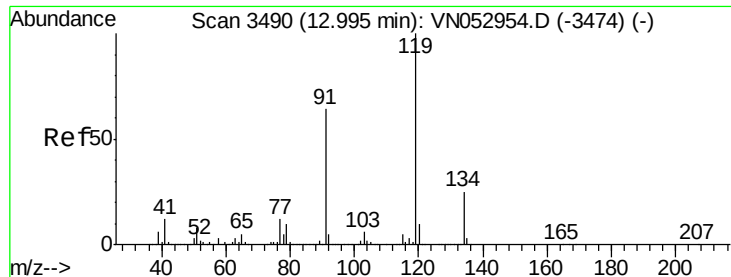
126 35.0 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

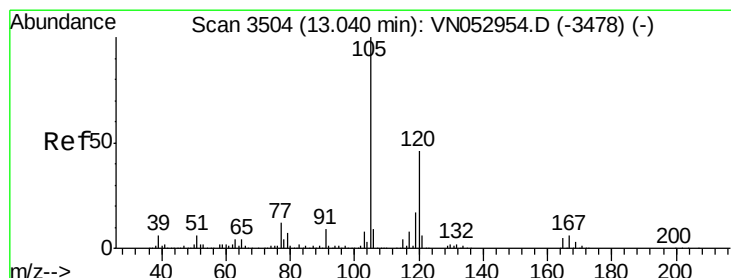
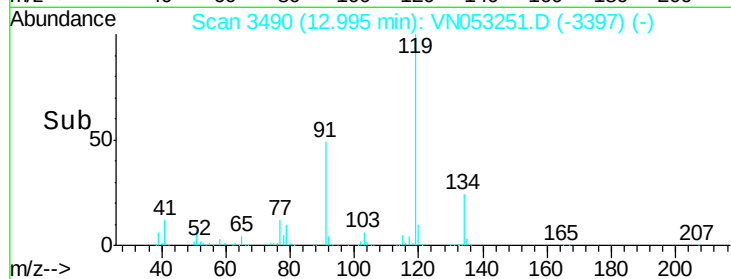
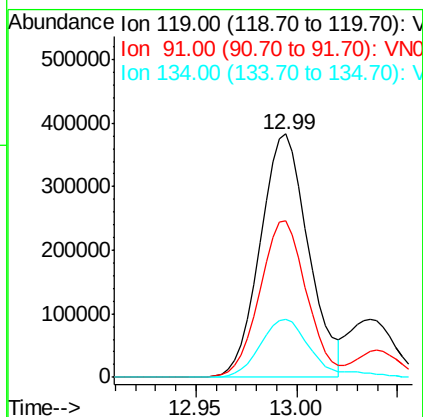
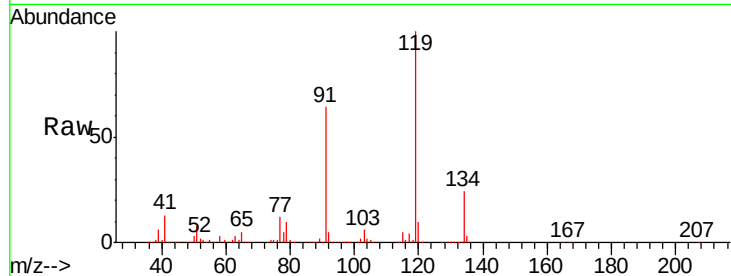




#83
 tert-Butylbenzene
 Concen: 23.533 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

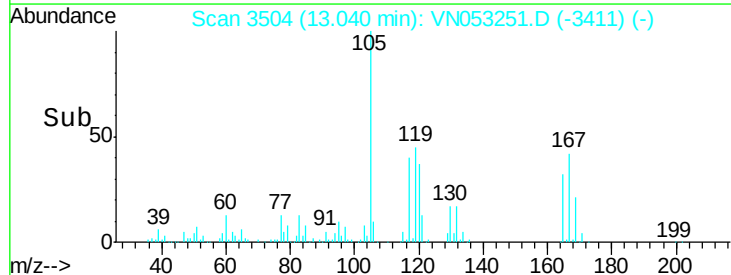
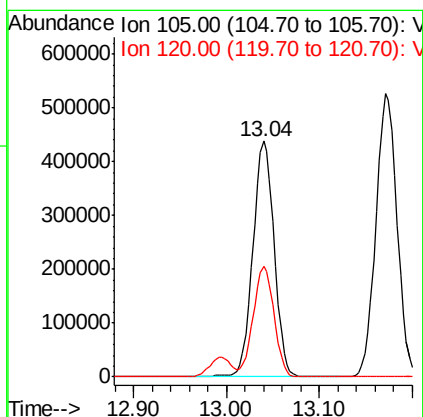
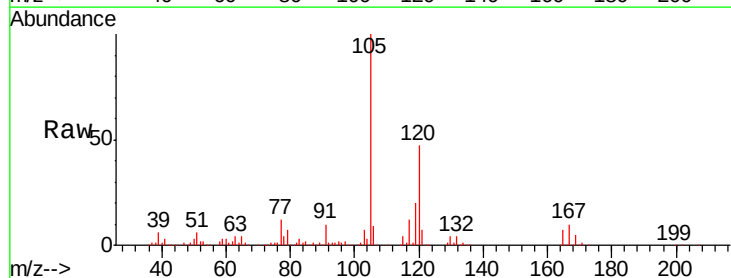
Instrument :
 MSVOA_N
 ClientSampled :
 VN0103WBS01

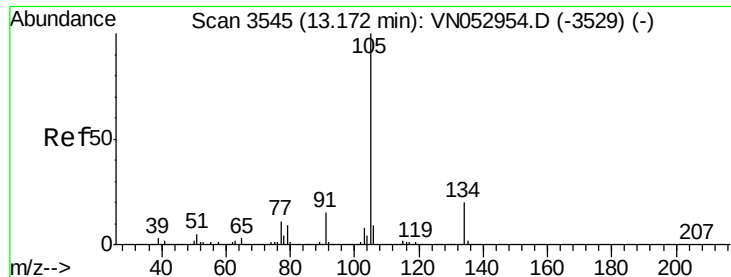
Tgt Ion:119 Resp: 637773
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.9 95.5
 134 25.6 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.586 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Tgt Ion:105 Resp: 695738
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 22.643 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

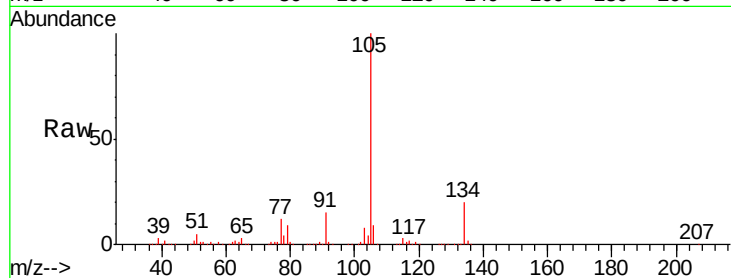
VN0103WBS01

Tgt Ion:105 Resp: 830013

Ion Ratio Lower Upper

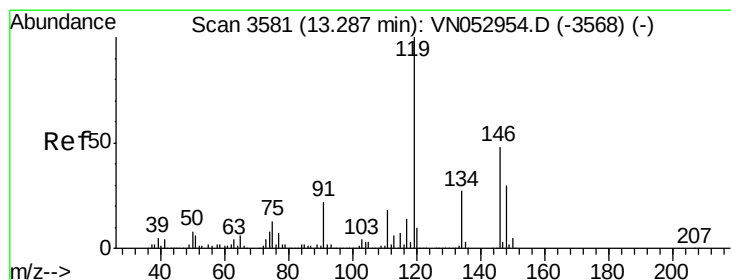
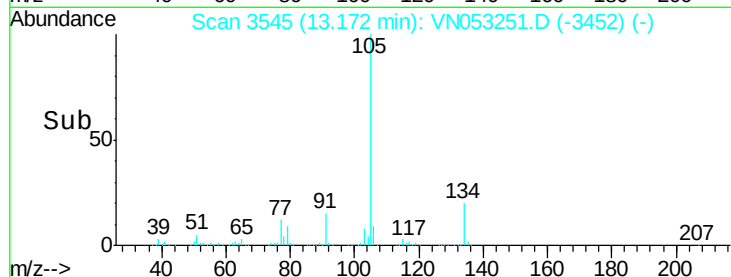
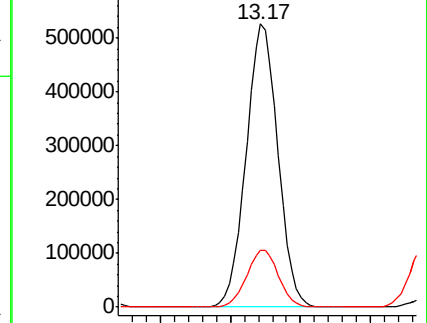
105 100

134 20.3 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.070 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

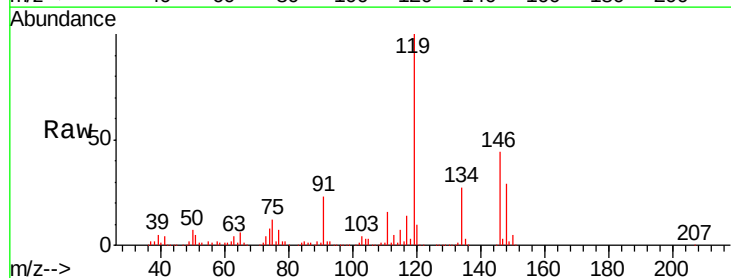
Tgt Ion:119 Resp: 699056

Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.2

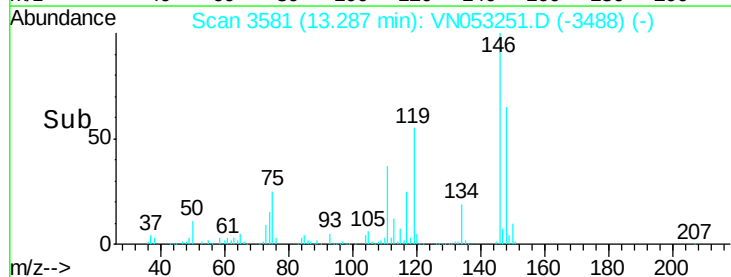
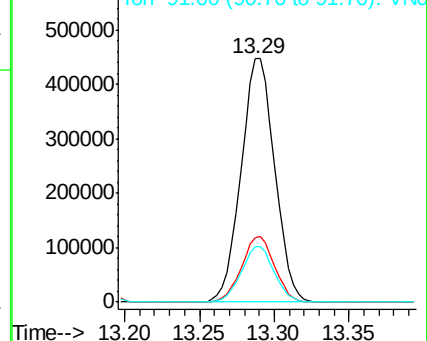
91 22.4 11.1 33.3

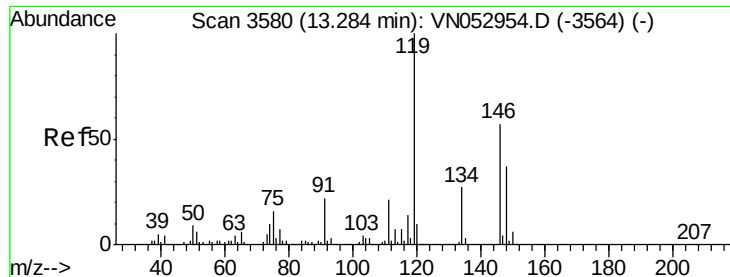


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.584 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampled :

VN0103WBS01

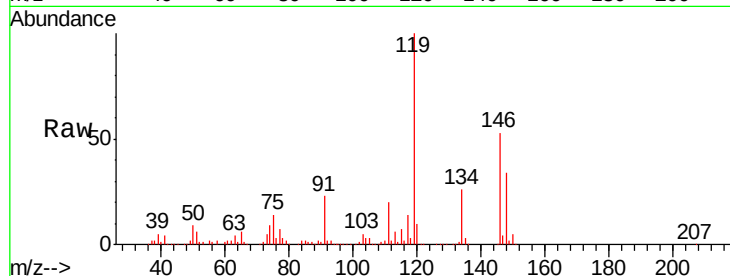
Tgt Ion:146 Resp: 356024

Ion Ratio Lower Upper

146 100

111 37.3 19.1 57.1

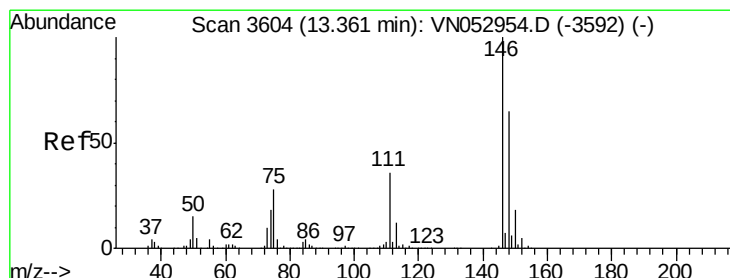
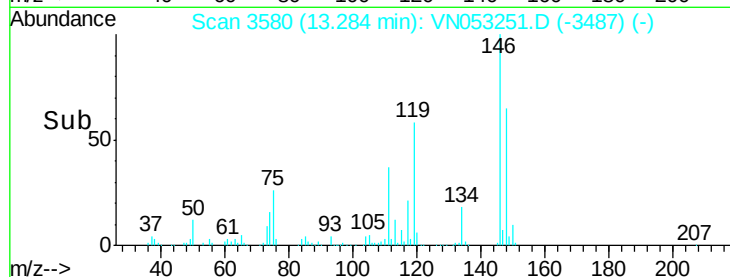
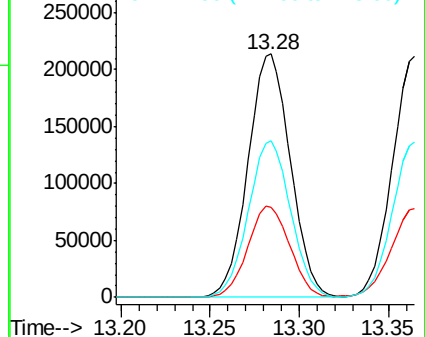
148 64.2 32.0 96.0



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: 19.680 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

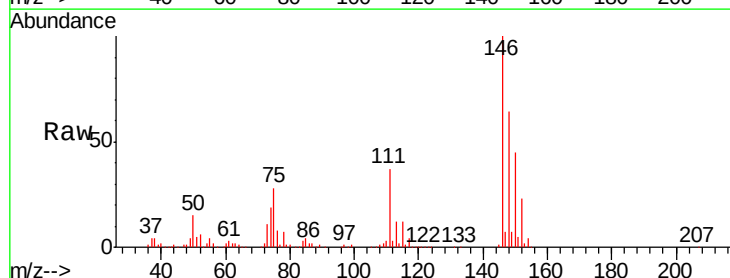
Tgt Ion:146 Resp: 344697

Ion Ratio Lower Upper

146 100

111 37.8 18.6 55.8

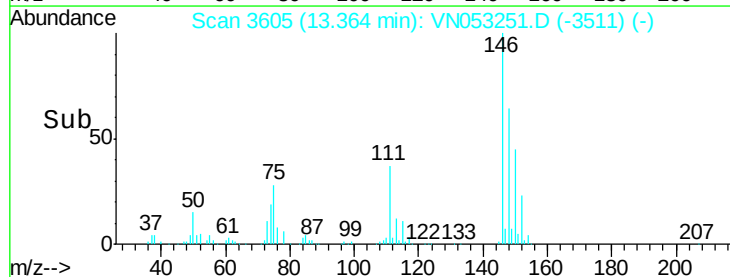
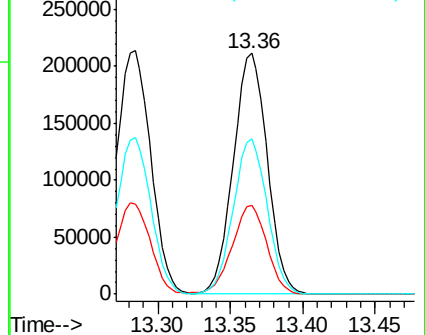
148 64.6 32.1 96.5

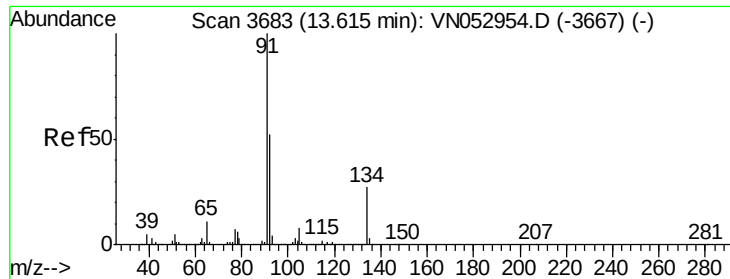


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

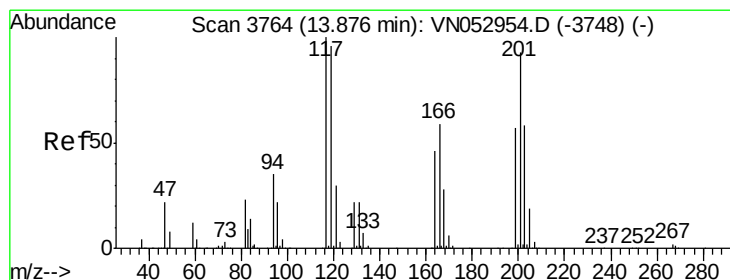
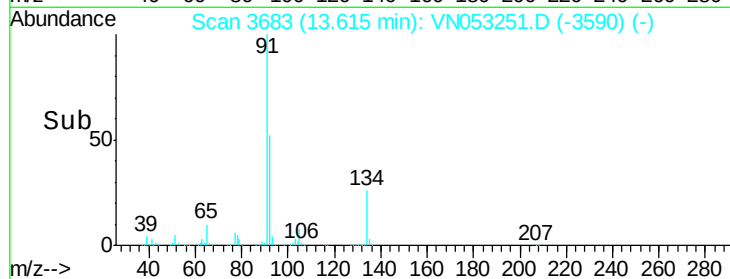
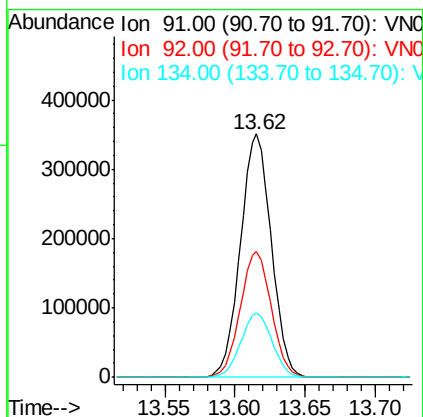
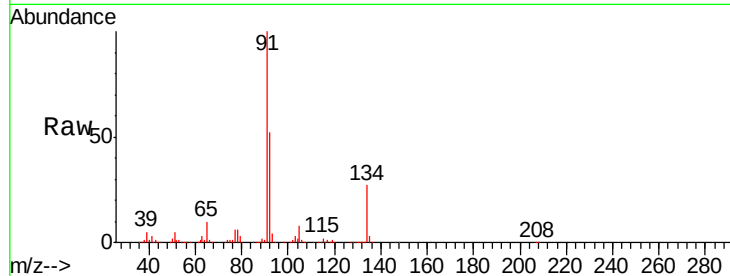




#89
n-Butylbenzene
Concen: 19.763 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

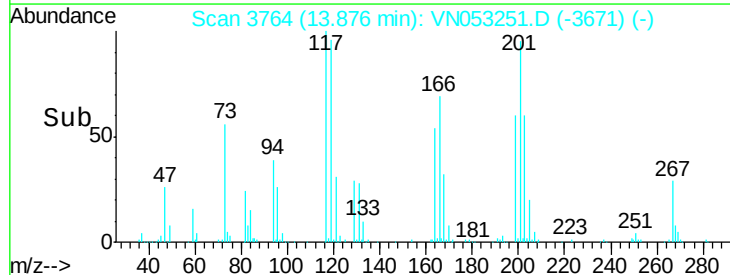
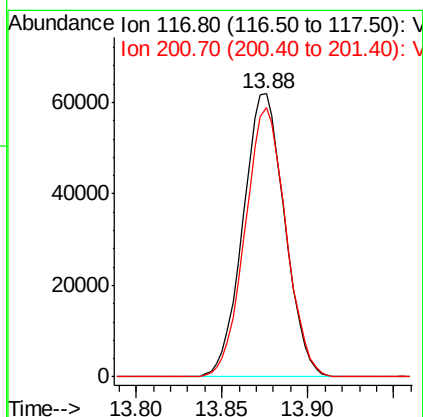
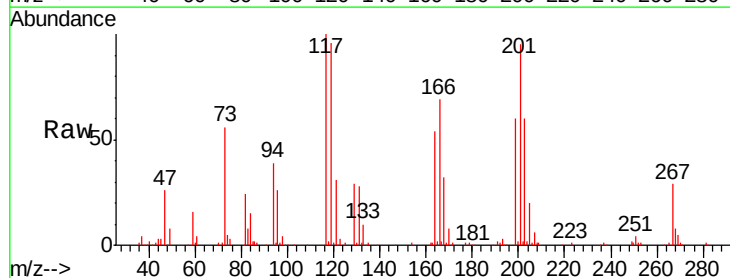
Instrument :
MSVOA_N
ClientSampleId :
VN0103WBS01

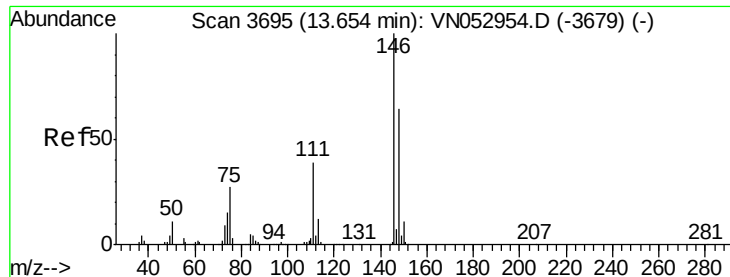
Tgt Ion: 91 Resp: 538547
Ion Ratio Lower Upper
91 100
92 51.9 26.3 78.9
134 26.8 13.3 39.8



#90
Hexachloroethane
Concen: 21.428 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN053251.D
Acq: 3 Jan 2019 10:16

Tgt Ion: 117 Resp: 104156
Ion Ratio Lower Upper
117 100
201 93.0 45.7 137.1

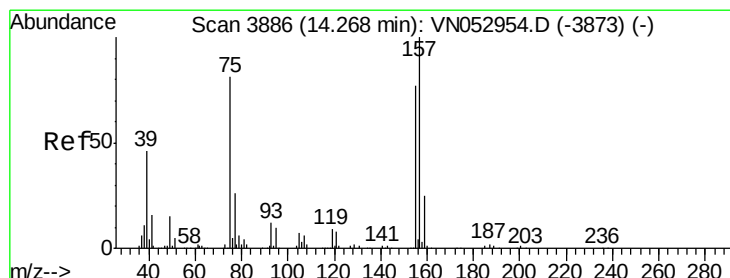
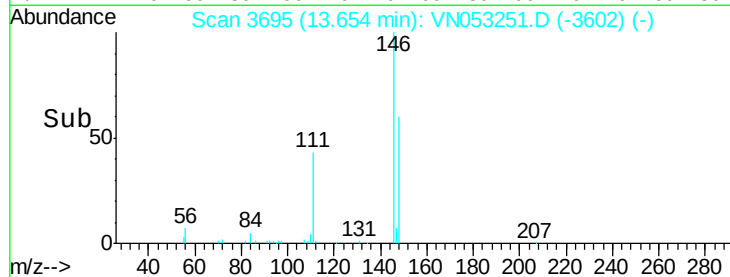
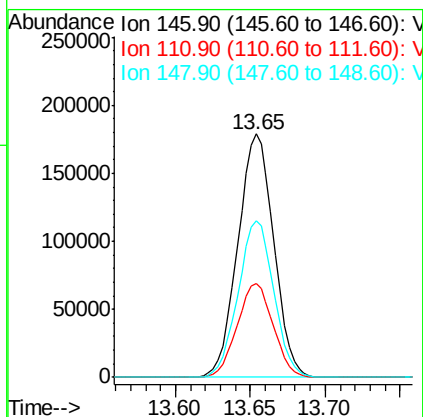
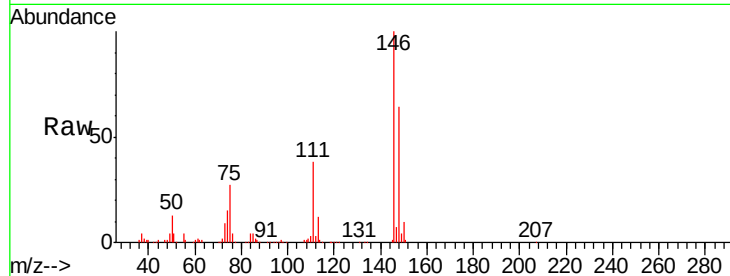




#91
 1,2-Dichlorobenzene
 Concen: 18.357 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

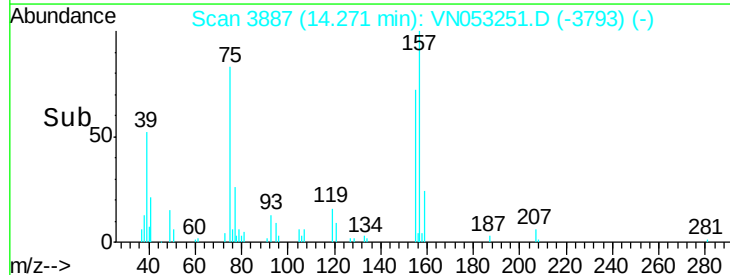
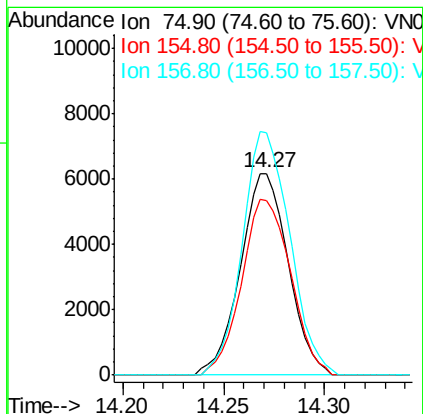
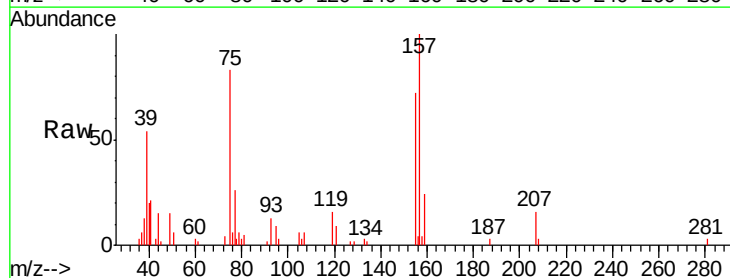
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBS01

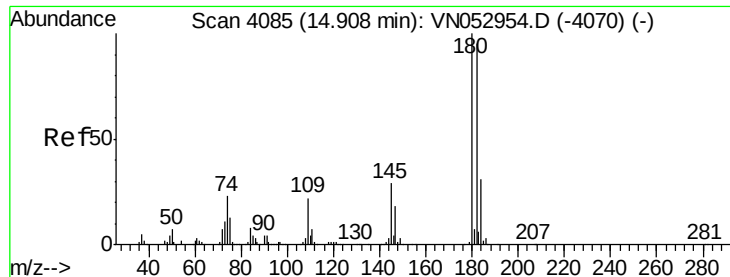
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.7	59.0
148	63.8	32.0	96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 8.045 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	48.2	144.6
157	120.2	61.2	183.5

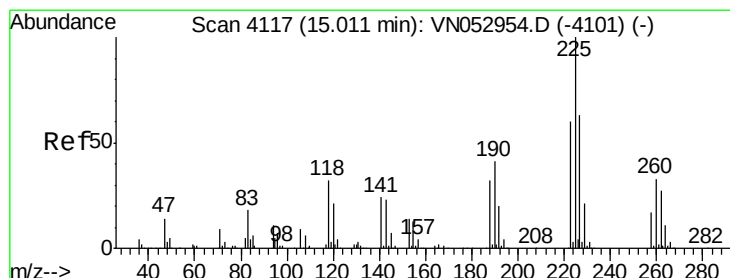
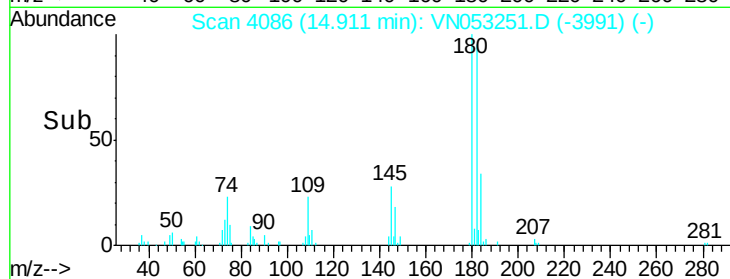
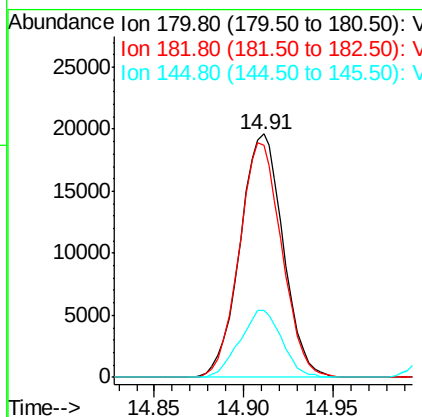
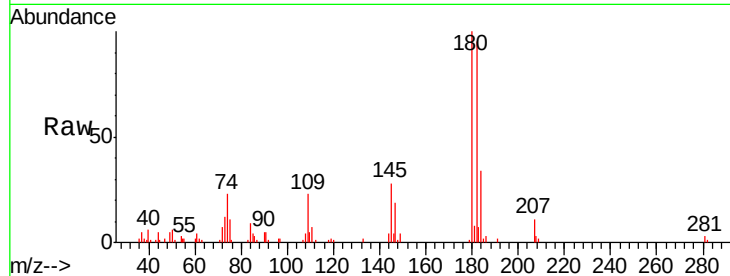




#93
 1,2,4-Trichlorobenzene
 Concen: 4.380 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

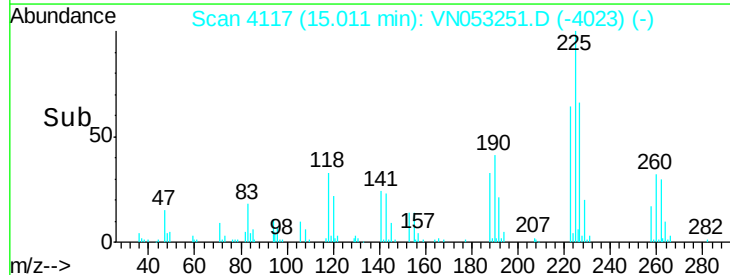
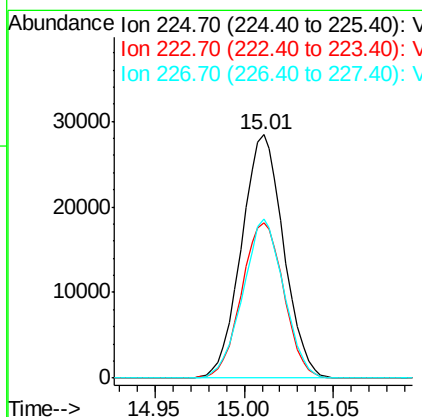
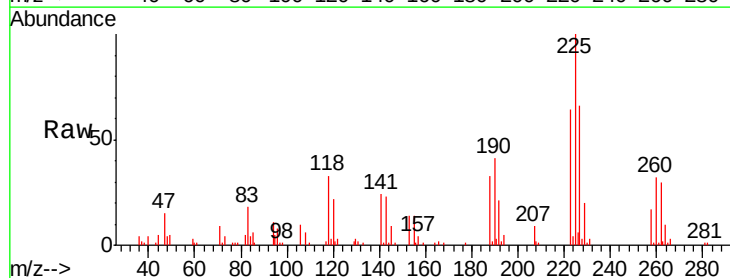
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0103WBS01

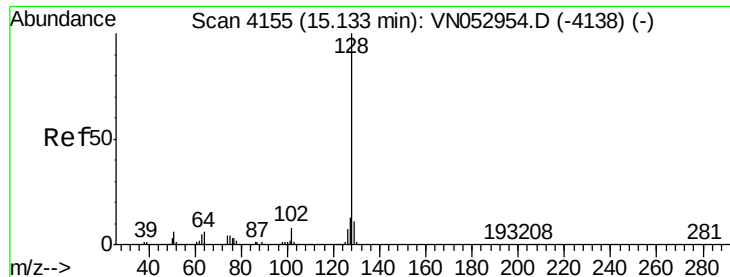
Tgt Ion:180 Resp: 33026
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.8 143.3
 145 26.8 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 8.125 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053251.D
 Acq: 3 Jan 2019 10:16

Tgt Ion:225 Resp: 47022
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.5 94.5
 227 63.2 31.9 95.7





#95

Naphthalene

Concen: 3.682 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

Instrument :

MSVOA_N

ClientSampleId :

VN0103WBS01

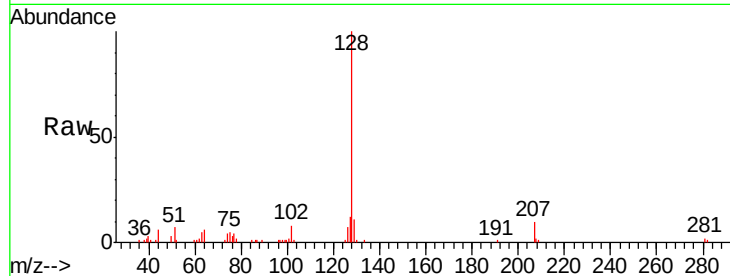
Tgt Ion:128 Resp: 49015

Ion Ratio Lower Upper

128 100

127 11.6 10.2 15.4

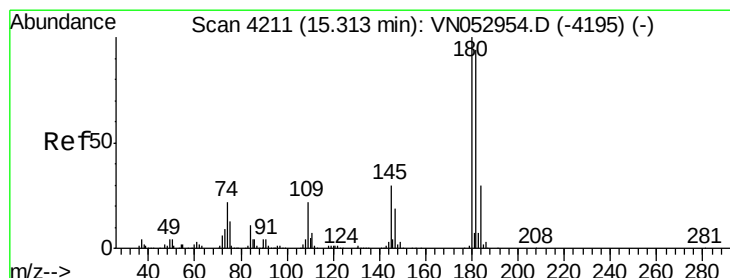
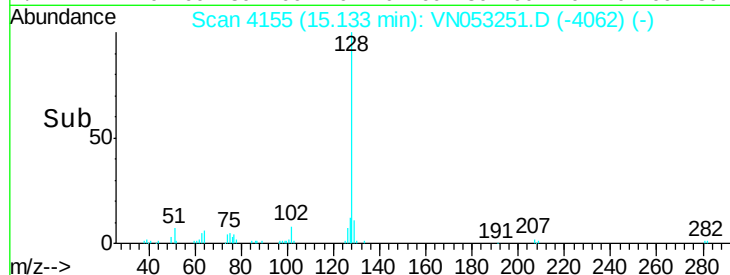
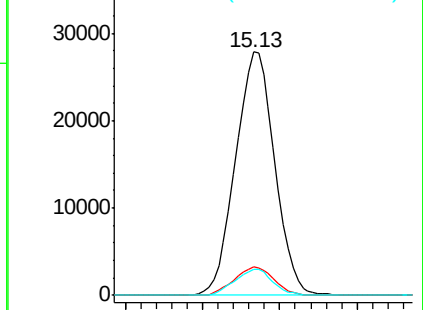
129 10.2 8.6 13.0



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: 2.841 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053251.D

Acq: 3 Jan 2019 10:16

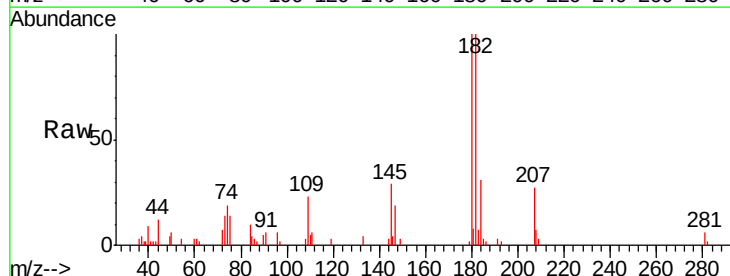
Tgt Ion:180 Resp: 18306

Ion Ratio Lower Upper

180 100

182 99.8 47.9 143.7

145 30.8 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

