

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
 Data File : VN053242.D
 Acq On : 2 Jan 2019 12:25
 Operator : MD\SY
 Sample : VN0102WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

Quant Time: Jan 03 01:22:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	872609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1309517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1117504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	486965	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	469693	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	7.59	113	396498	66.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.56%	
50) Toluene-d8	10.09	98	1630228	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	12.40	95	537934	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	162447	18.394	ug/l	99
3) Chloromethane	2.06	50	193222	18.055	ug/l	99
4) Vinyl Chloride	2.19	62	206495	19.052	ug/l	97
5) Bromomethane	2.58	94	137014	18.246	ug/l	99
6) Chloroethane	2.71	64	127326	19.835	ug/l	99
7) Trichlorofluoromethane	3.03	101	291103	21.560	ug/l	98
8) Diethyl Ether	3.42	74	112541	22.094	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.77	101	190791	22.162	ug/l	97
10) Methyl Iodide	3.96	142	238548	19.732	ug/l	99
11) Tert butyl alcohol	4.78	59	58613	108.479	ug/l #	92
12) 1,1-Dichloroethene	3.74	96	175156	21.060	ug/l	100
13) Acrolein	3.61	56	47873	97.714	ug/l	99
14) Allyl chloride	4.33	41	293954	22.817	ug/l	95
15) Acrylonitrile	4.99	53	333857	111.221	ug/l	99
16) Acetone	3.82	43	248707	143.244	ug/l	99
17) Carbon Disulfide	4.06	76	459668	16.947	ug/l	100
18) Methyl Acetate	4.33	43	190831	24.728	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	501992	22.554	ug/l	99
20) Methylene Chloride	4.56	84	202914	21.425	ug/l	97
21) trans-1,2-Dichloroethene	5.05	96	185438	20.752	ug/l	98
22) Diisopropyl ether	5.96	45	643926	23.416	ug/l	97
23) Vinyl Acetate	5.90	43	1814538	114.752	ug/l	99
24) 1,1-Dichloroethane	5.86	63	365210	22.350	ug/l	99
25) 2-Butanone	6.84	43	363511	124.753	ug/l	98
26) 2,2-Dichloropropane	6.83	77	278129	22.297	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	221118	21.857	ug/l	99
28) Bromochloromethane	7.20	49	167360	23.636	ug/l	96
29) Tetrahydrofuran	7.21	42	246586	113.307	ug/l	99
30) Chloroform	7.37	83	359563	22.400	ug/l	98
31) Cyclohexane	7.66	56	325931	20.650	ug/l	98
32) 1,1,1-Trichloroethane	7.57	97	302160	22.097	ug/l	100
36) 1,1-Dichloropropene	7.80	75	266715	21.220	ug/l	100
37) Ethyl Acetate	6.93	43	160410	22.861	ug/l	99
38) Carbon Tetrachloride	7.78	117	256794	22.290	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
 Data File : VN053242.D
 Acq On : 2 Jan 2019 12:25
 Operator : MD\SY
 Sample : VN0102WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

Quant Time: Jan 03 01:22:37 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)
39) Methylcyclohexane	9.08	83	303948	19.906	ug/l	96
40) Benzene	8.04	78	823963	22.039	ug/l	99
41) Methacrylonitrile	7.17	41	92526	22.822	ug/l	98
42) 1,2-Dichloroethane	8.13	62	247591	22.417	ug/l	99
43) Isopropyl Acetate	8.16	43	305168	21.887	ug/l	99
44) Trichloroethene	8.84	130	225659	20.868	ug/l	97
45) 1,2-Dichloropropane	9.12	63	222362	22.834	ug/l	99
46) Dibromomethane	9.21	93	124347	21.920	ug/l	99
47) Bromodichloromethane	9.40	83	269795	22.374	ug/l	100
48) Methyl methacrylate	9.20	41	145376	21.351	ug/l	98
49) 1,4-Dioxane	9.20	88	34157	396.583	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	780319	114.835	ug/l	100
52) Toluene	10.16	92	490398	21.162	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	262781	20.724	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	318659	21.894	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	182069	22.521	ug/l	100
56) Ethyl methacrylate	10.43	69	231299	21.616	ug/l	96
57) 1,3-Dichloropropane	10.71	76	310696	22.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	637810	108.572	ug/l	99
59) 2-Hexanone	10.75	43	512198	111.409	ug/l	99
60) Dibromochloromethane	10.90	129	201789	21.806	ug/l	98
61) 1,2-Dibromoethane	11.01	107	172524	21.012	ug/l	98
64) Tetrachloroethene	10.63	164	232085	19.173	ug/l	99
65) Chlorobenzene	11.43	112	536980	21.677	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	197176	22.889	ug/l	99
67) Ethyl Benzene	11.51	91	913707	21.448	ug/l	100
68) m/p-Xylenes	11.62	106	684627	42.274	ug/l	99
69) o-Xylene	11.95	106	336248	21.637	ug/l	98
70) Styrene	11.96	104	536268	21.162	ug/l	99
71) Bromoform	12.13	173	130856	21.027	ug/l #	100
73) Isopropylbenzene	12.25	105	884953	23.227	ug/l	99
74) N-amyl acetate	12.07	43	229214	21.669	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.51	83	197576	26.432	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	250910	30.608	ug/l #	100
77) Bromobenzene	12.53	156	224295	22.647	ug/l	99
78) n-propylbenzene	12.59	91	983212	22.658	ug/l	99
79) 2-Chlorotoluene	12.67	91	579304	21.538	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	693194	22.321	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	54492	21.425	ug/l	99
82) 4-Chlorotoluene	12.77	91	582678	22.130	ug/l	99
83) tert-Butylbenzene	12.99	119	622126	22.651	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	703231	22.525	ug/l	99
85) sec-Butylbenzene	13.17	105	805614	21.685	ug/l	99
86) p-Isopropyltoluene	13.29	119	687996	21.432	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	373727	21.321	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	370318	20.861	ug/l	99
89) n-Butylbenzene	13.62	91	537093	19.448	ug/l	100
90) Hexachloroethane	13.88	117	108471	22.020	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	359574	21.796	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26878	20.796	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
Data File : VN053242.D
Acq On : 2 Jan 2019 12:25
Operator : MD\SY
Sample : VN0102WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

Quant Time: Jan 03 01:22:37 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

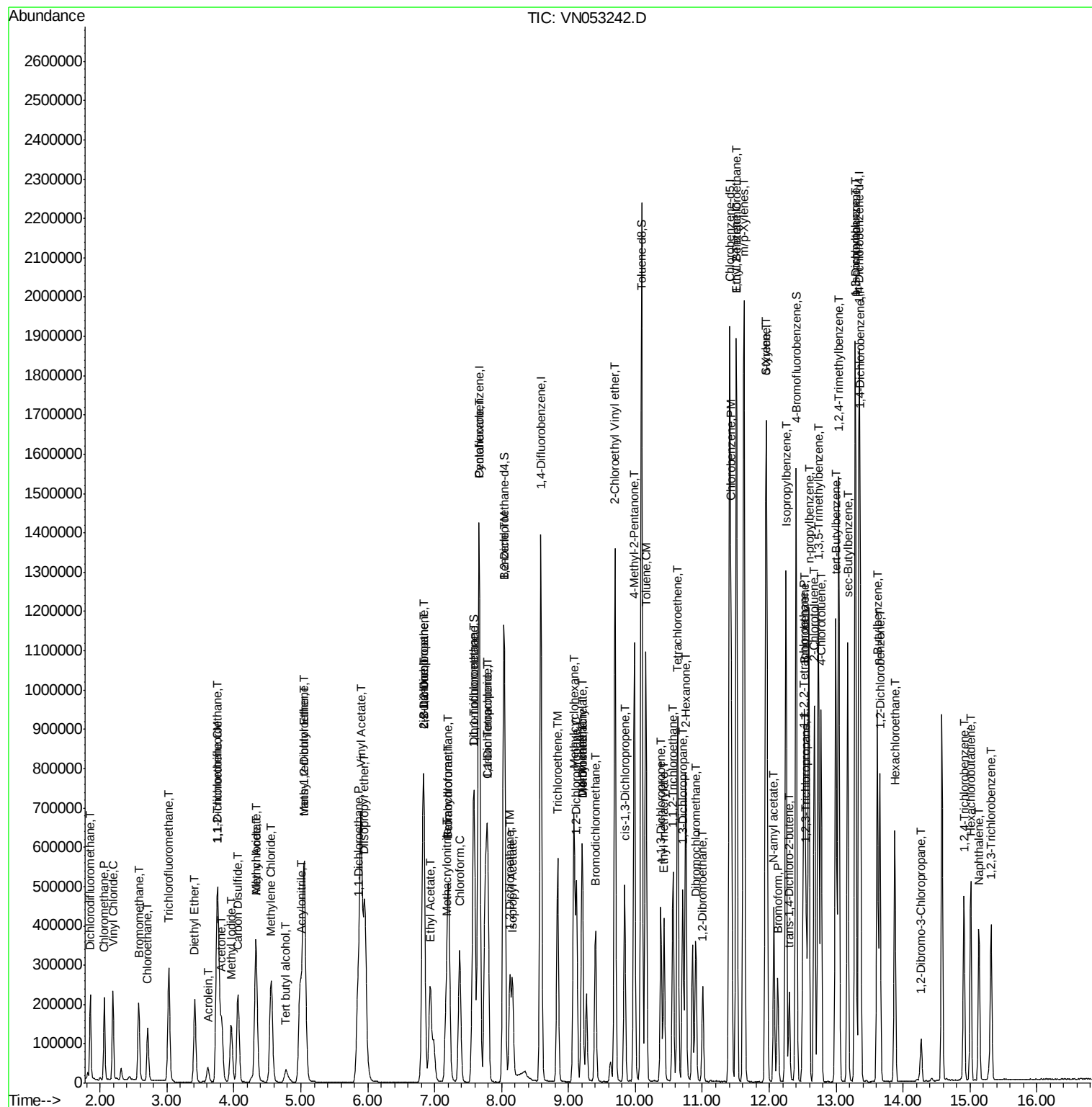
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	167251	19.503	ug/l	99
94) Hexachlorobutadiene	15.01	225	110621	22.887	ug/l	99
95) Naphthalene	15.13	128	340384	18.517	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	150185	19.395	ug/l	99

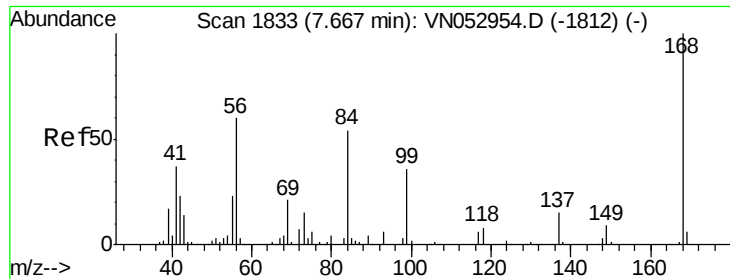
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
 Data File : VN053242.D
 Acq On : 2 Jan 2019 12:25
 Operator : MD\SY
 Sample : VN0102WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

Quant Time: Jan 03 01:22:37 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 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: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

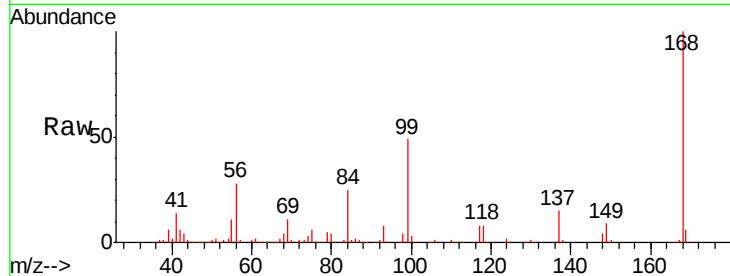
VN0102WBS02

Tgt Ion:168 Resp: 872609

Ion Ratio Lower Upper

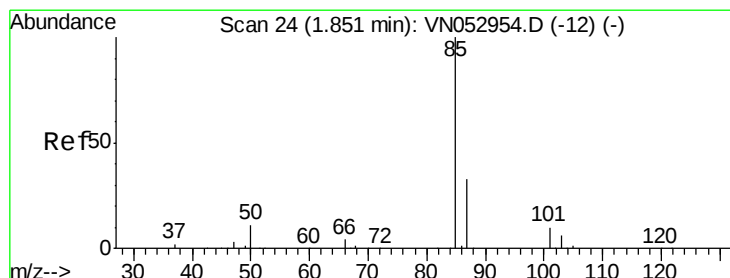
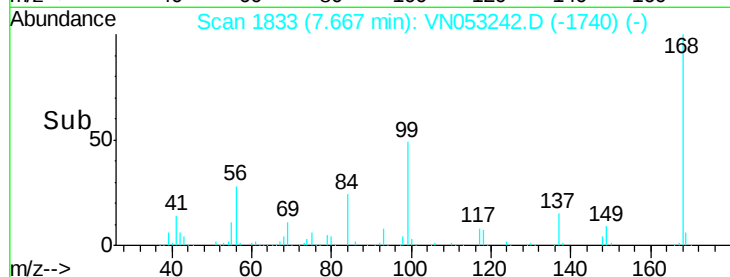
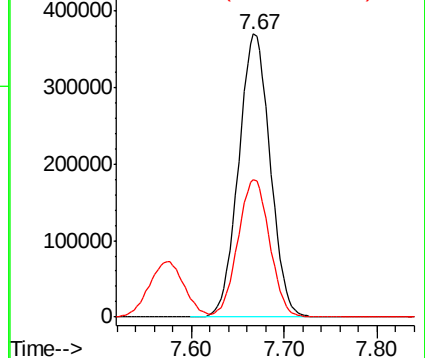
168 100

99 48.7 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: 18.394 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053242.D

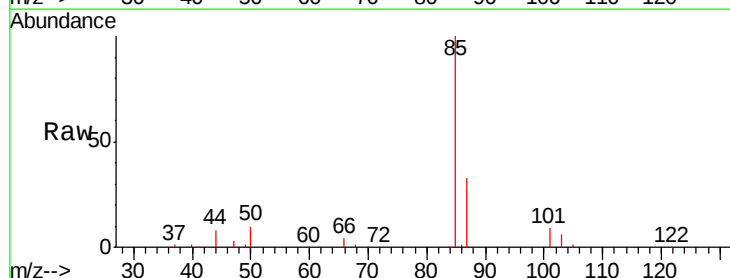
Acq: 2 Jan 2019 12:25

Tgt Ion: 85 Resp: 162447

Ion Ratio Lower Upper

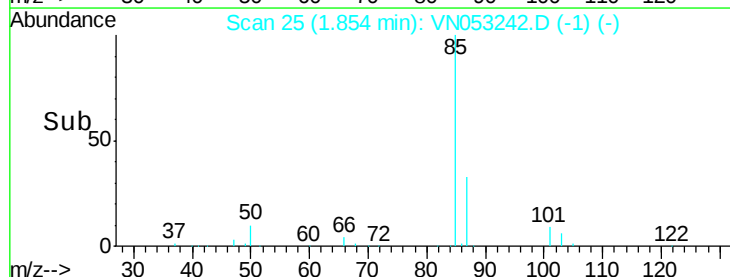
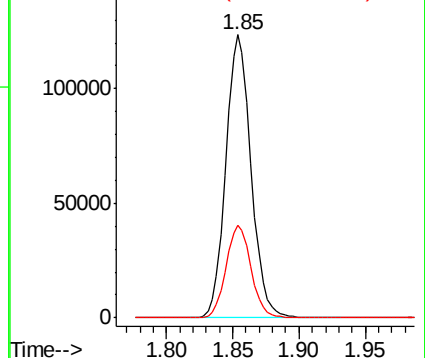
85 100

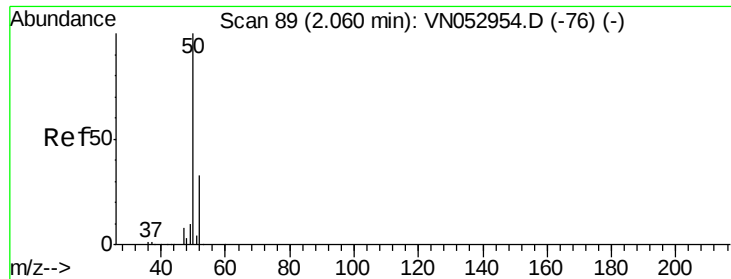
87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.055 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

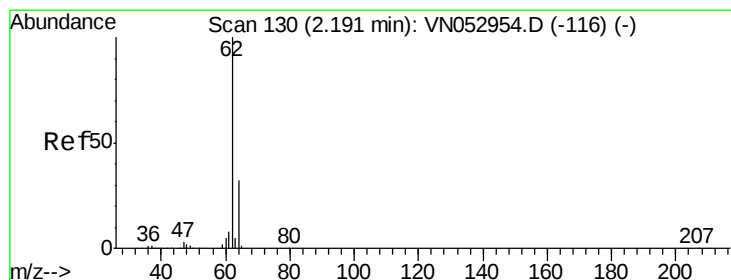
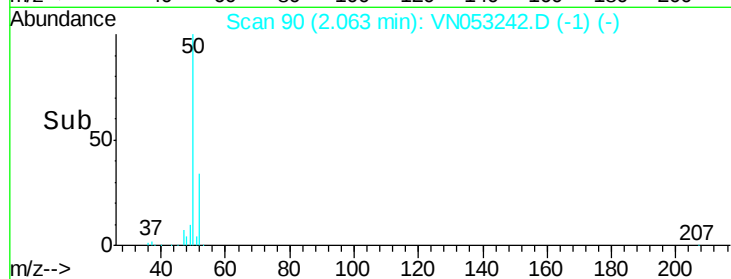
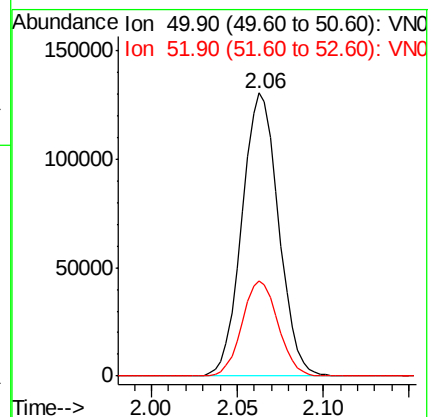
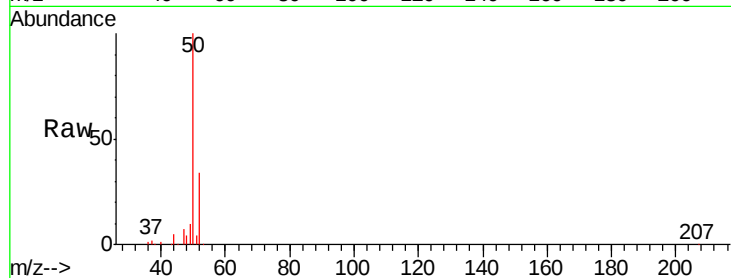
VN0102WBS02

Tgt Ion: 50 Resp: 193222

Ion Ratio Lower Upper

50 100

52 33.6 26.2 39.4



#4

Vinyl Chloride

Concen: 19.052 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN053242.D

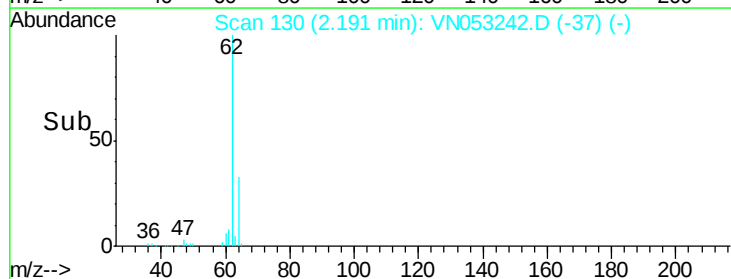
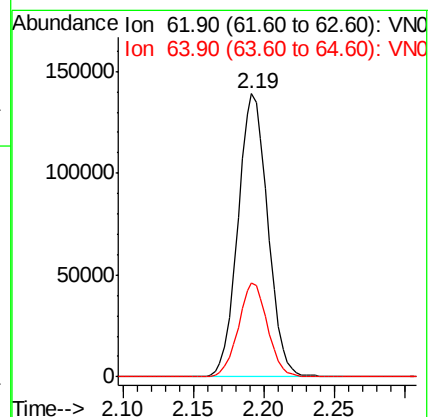
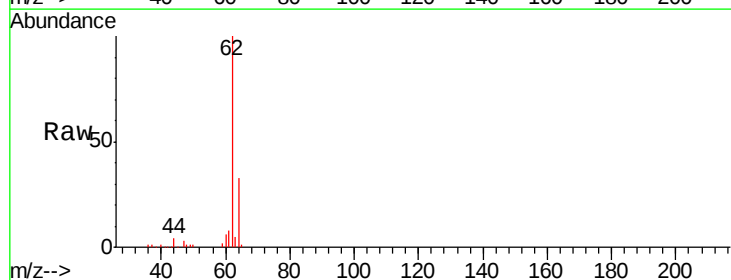
Acq: 2 Jan 2019 12:25

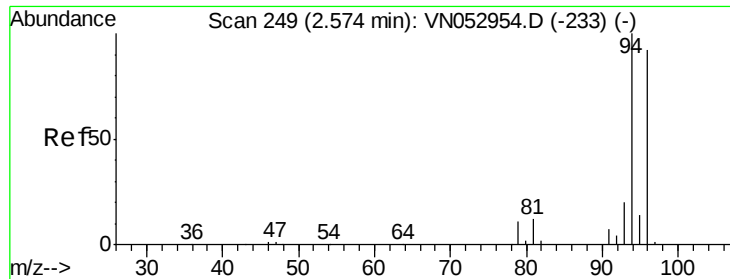
Tgt Ion: 62 Resp: 206495

Ion Ratio Lower Upper

62 100

64 33.4 25.5 38.3





#5

Bromomethane

Concen: 18.246 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

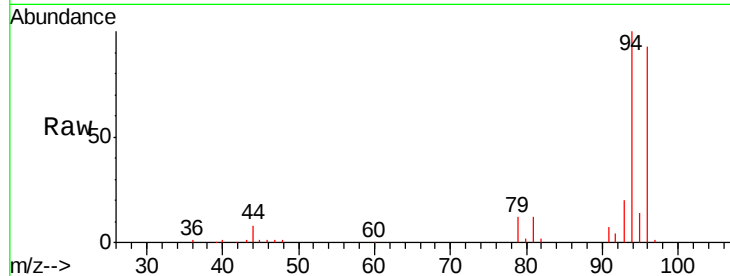
VN0102WBS02

Tgt Ion: 94 Resp: 137014

Ion Ratio Lower Upper

94 100

96 93.1 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.58

80000

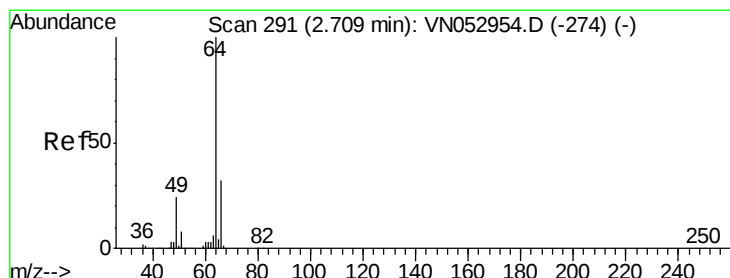
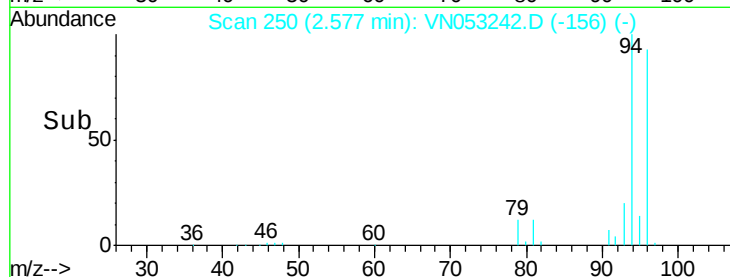
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 19.835 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN053242.D

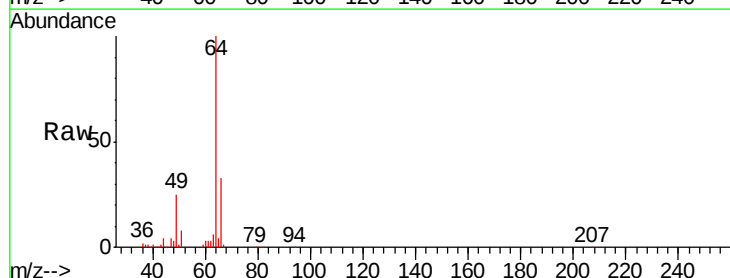
Acq: 2 Jan 2019 12:25

Tgt Ion: 64 Resp: 127326

Ion Ratio Lower Upper

64 100

66 33.1 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.71

80000

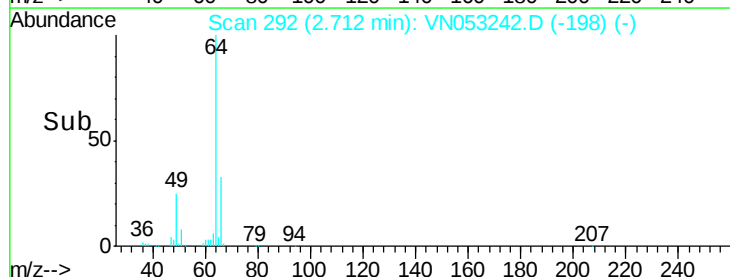
60000

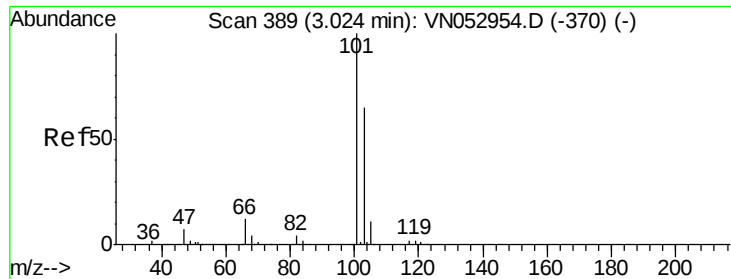
40000

20000

0

Time-->



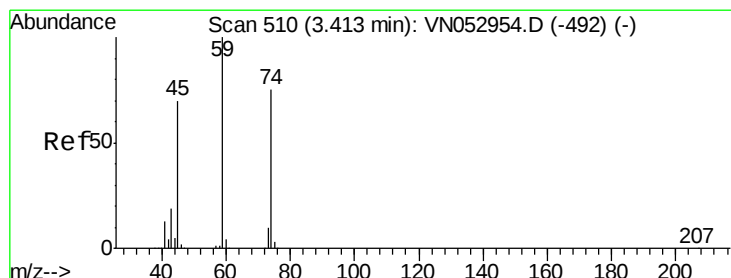
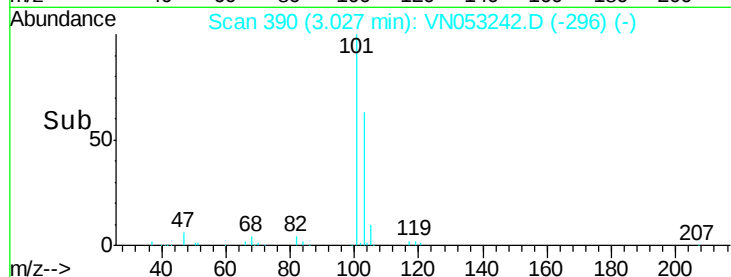
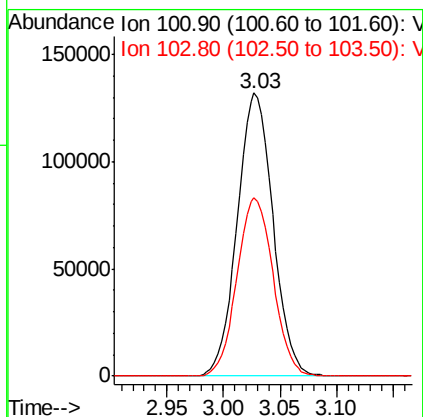
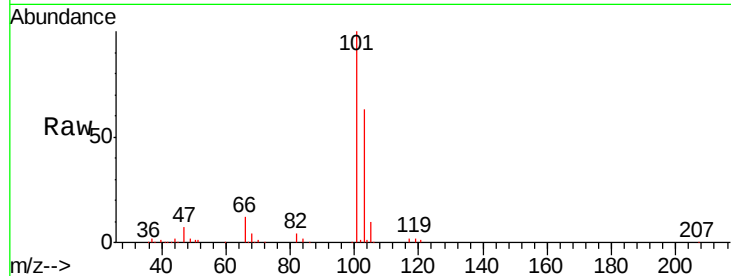


#7

Trichlorofluoromethane
 Concen: 21.560 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

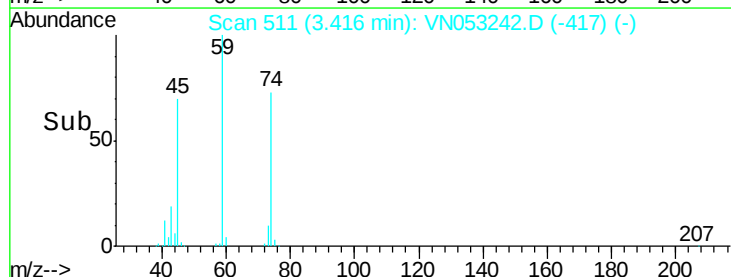
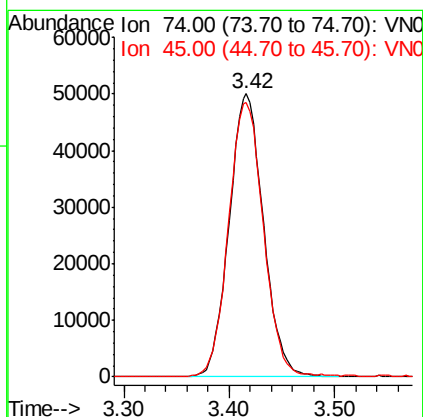
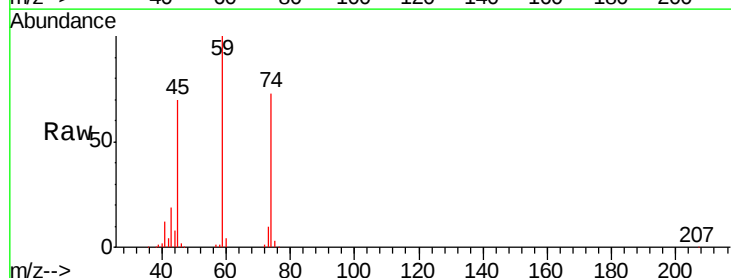
Tgt Ion:101 Resp: 291103
 Ion Ratio Lower Upper
 101 100
 103 62.9 51.8 77.6

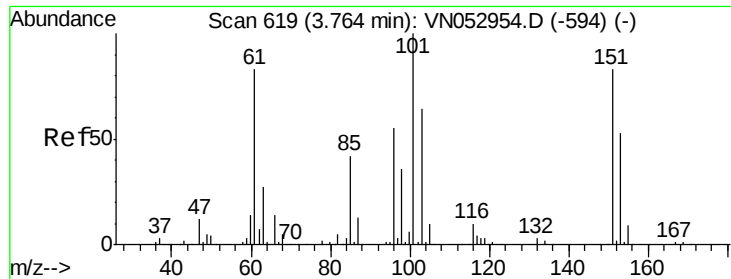


#8

Diethyl Ether
 Concen: 22.094 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 74 Resp: 112541
 Ion Ratio Lower Upper
 74 100
 45 99.2 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.162 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

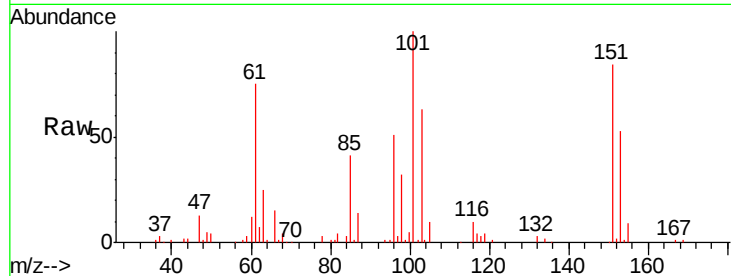
Tgt Ion:101 Resp: 190791

Ion Ratio Lower Upper

101 100

85 40.4 33.6 50.4

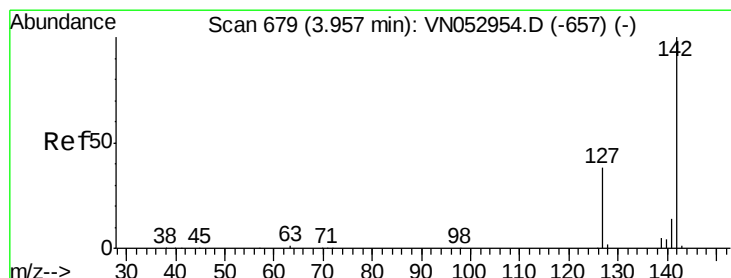
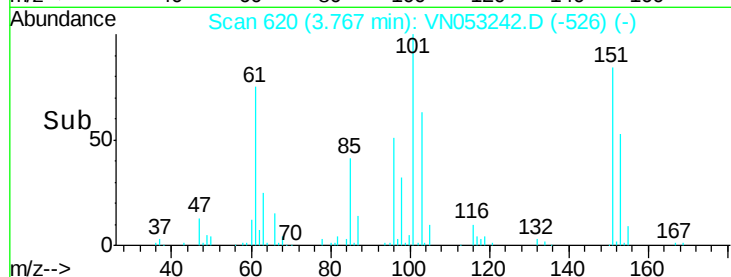
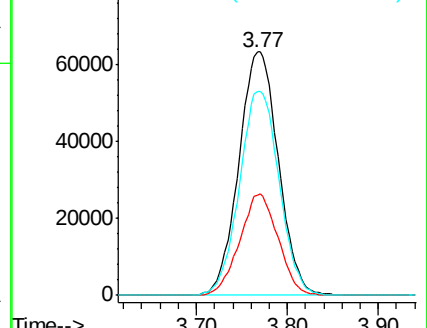
151 84.2 65.5 98.3



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: 19.732 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

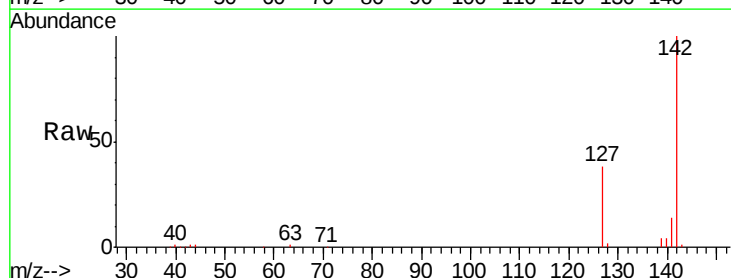
Tgt Ion:142 Resp: 238548

Ion Ratio Lower Upper

142 100

127 38.3 31.0 46.6

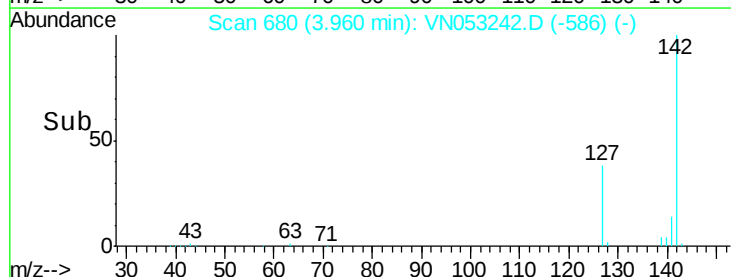
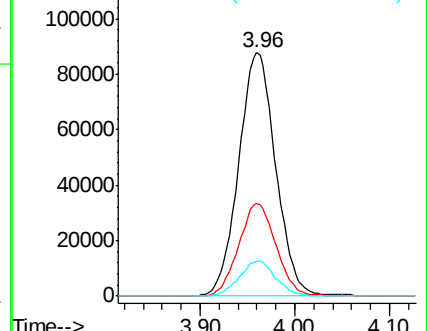
141 14.2 11.2 16.8

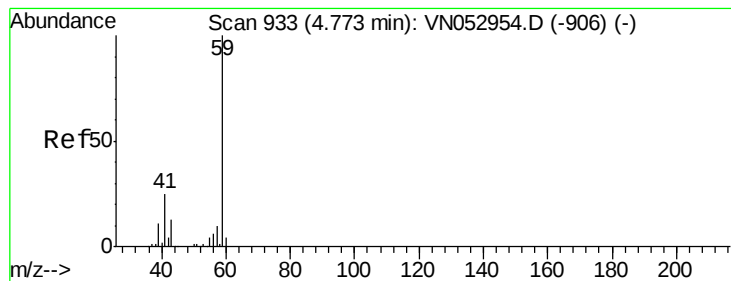


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



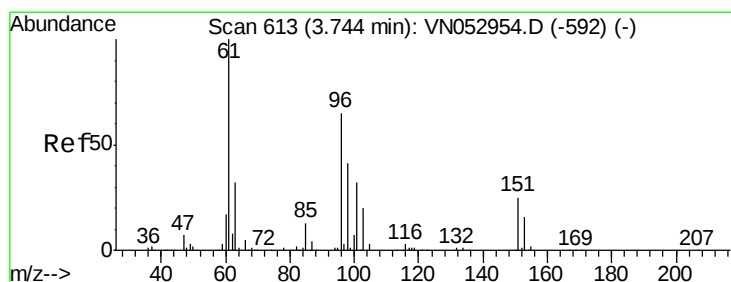
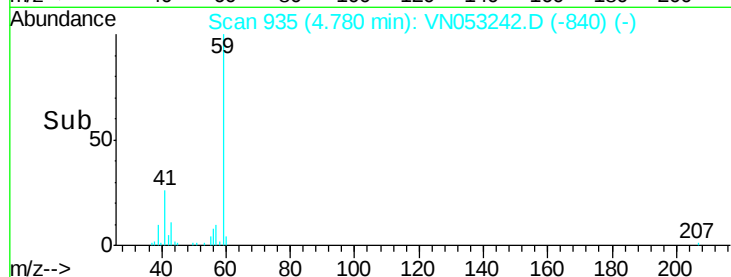
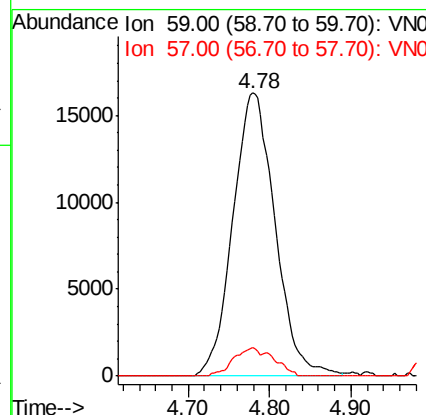
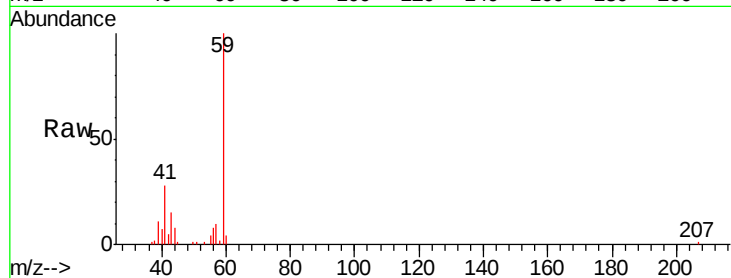


#11

Tert butyl alcohol
 Concen: 108.479 ug/l
 RT: 4.78 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

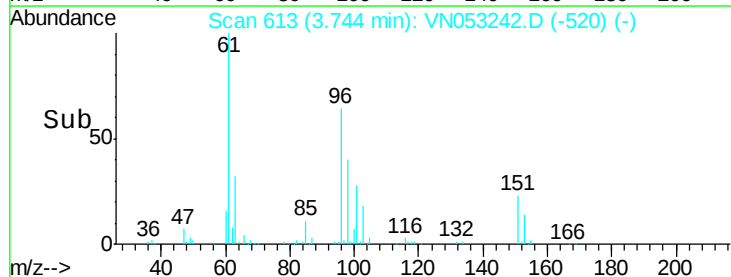
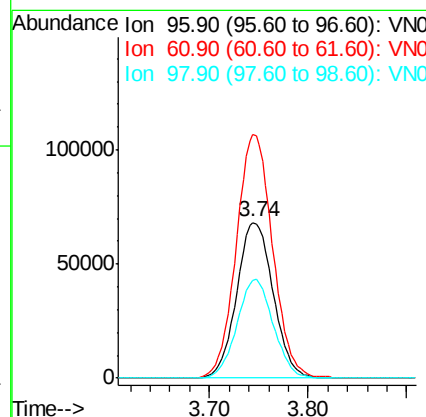
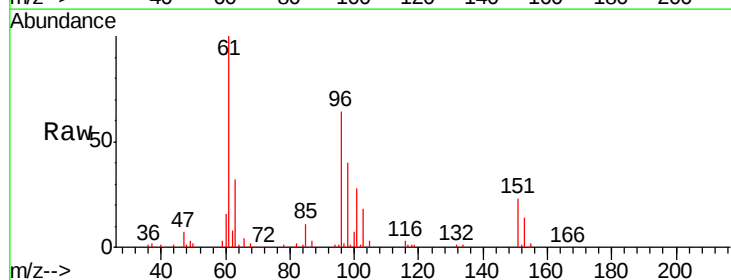
Tgt Ion: 59 Resp: 58613
 Ion Ratio Lower Upper
 59 100
 57 6.7 7.7 11.5#

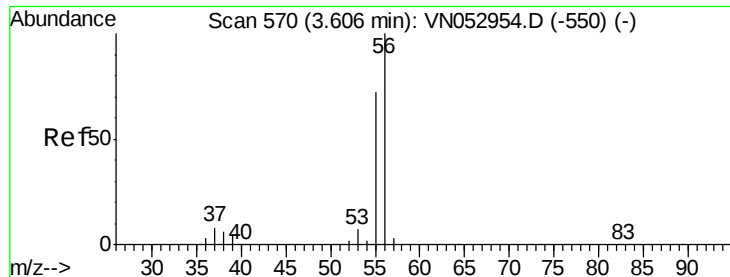


#12

1,1-Dichloroethene
 Concen: 21.060 ug/l
 RT: 3.74 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 96 Resp: 175156
 Ion Ratio Lower Upper
 96 100
 61 156.4 125.6 188.4
 98 63.1 50.6 75.8

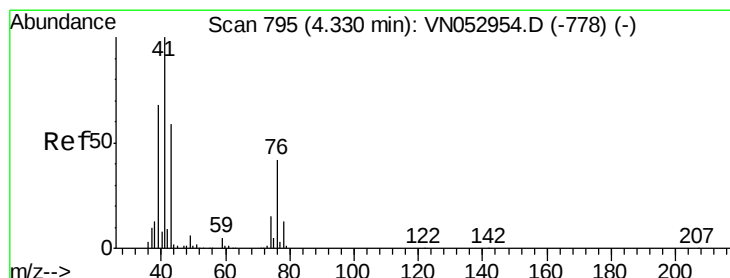
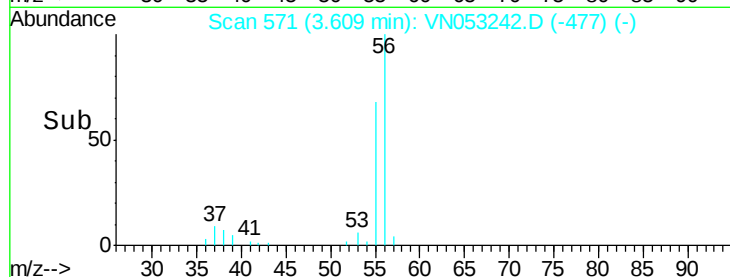
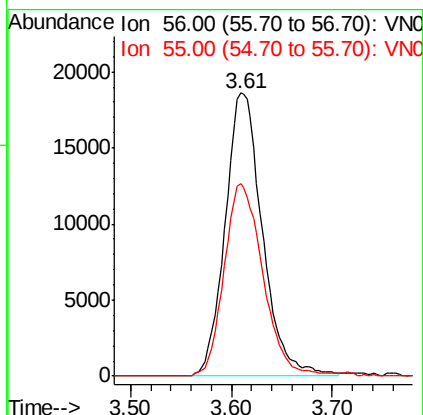
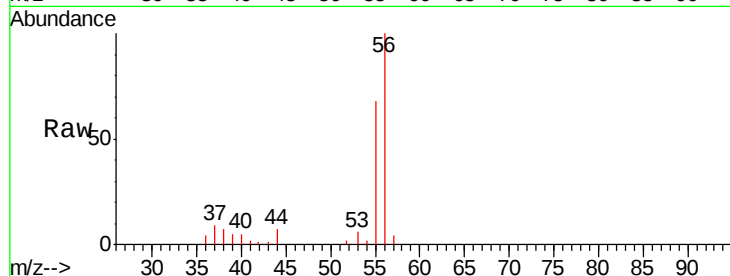




#13
Acrolein
Concen: 97.714 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

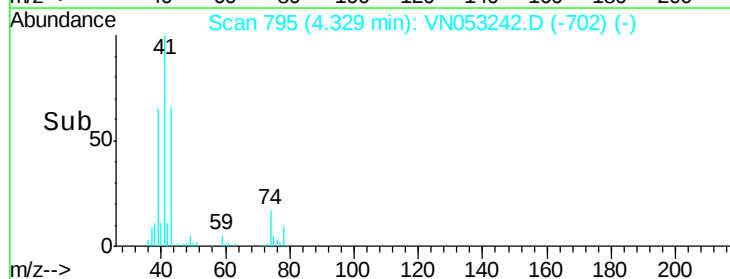
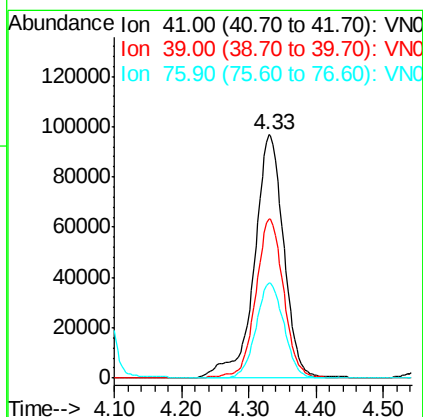
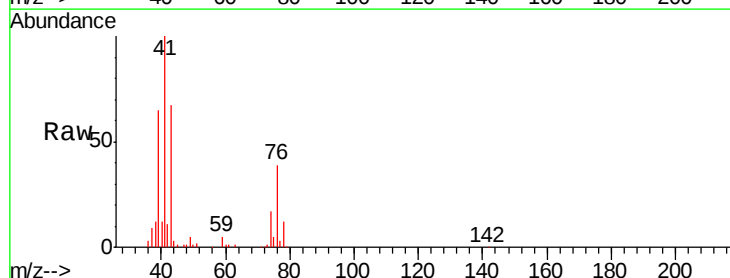
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

Tgt Ion: 56 Resp: 47873
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0



#14
Allyl chloride
Concen: 22.817 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion: 41 Resp: 293954
Ion Ratio Lower Upper
41 100
39 62.0 54.1 81.1
76 36.9 30.3 45.5





#15

Acrylonitrile

Concen: 111.221 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

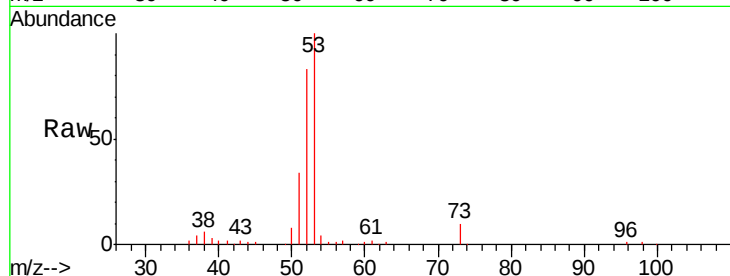
Tgt Ion: 53 Resp: 333857

Ion Ratio Lower Upper

53 100

52 82.0 65.1 97.7

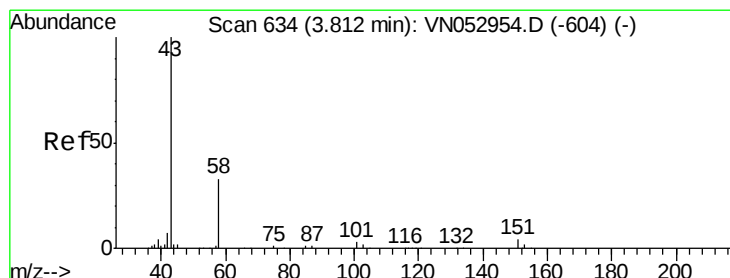
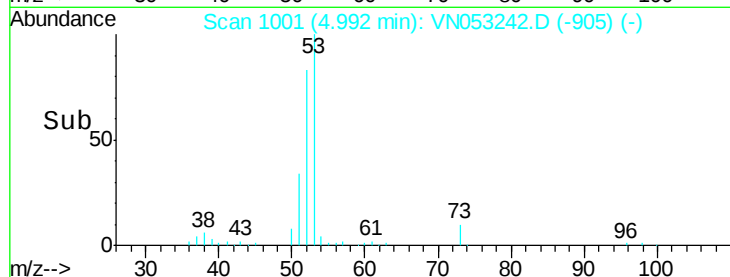
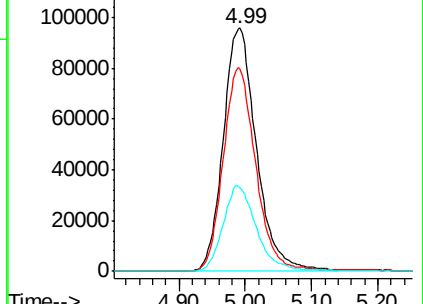
51 35.4 28.1 42.1



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: 143.244 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053242.D

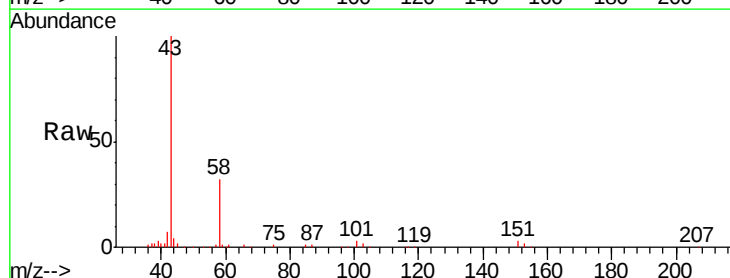
Acq: 2 Jan 2019 12:25

Tgt Ion: 43 Resp: 248707

Ion Ratio Lower Upper

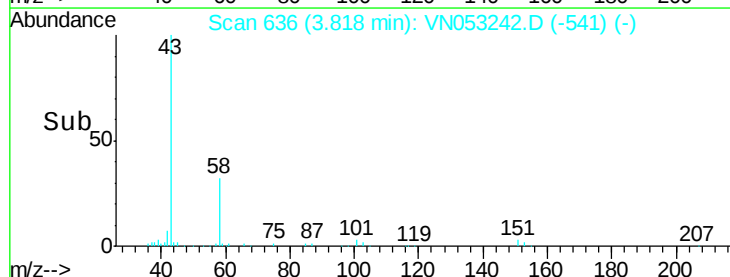
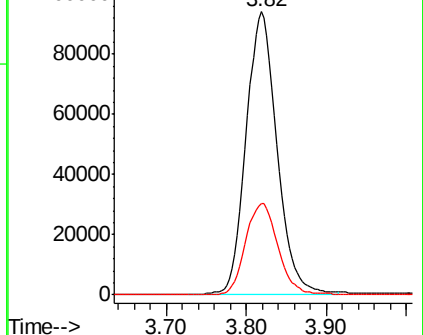
43 100

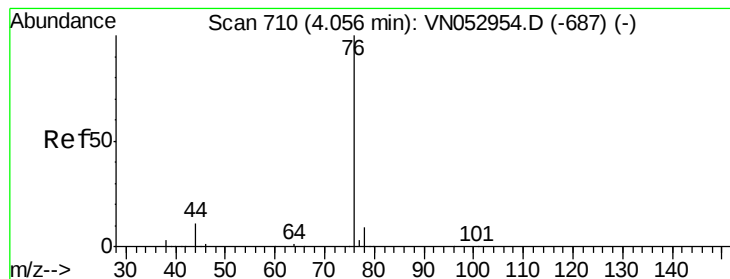
58 32.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.947 ug/l

RT: 4.06 min Scan# 712

Delta R.T. 0.01 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

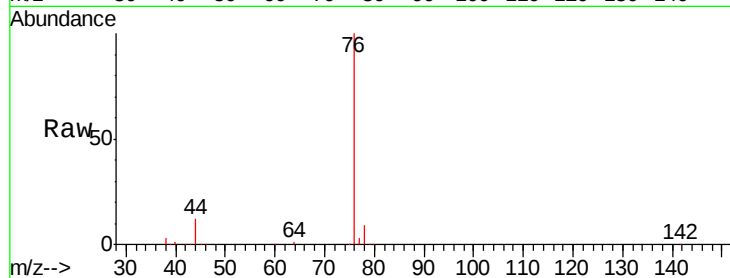
VN0102WBS02

Tgt Ion: 76 Resp: 459668

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN053242.D (-617) (-)

Ion 77.90 (77.60 to 78.60): VN053242.D (-617) (-)

200000

150000

100000

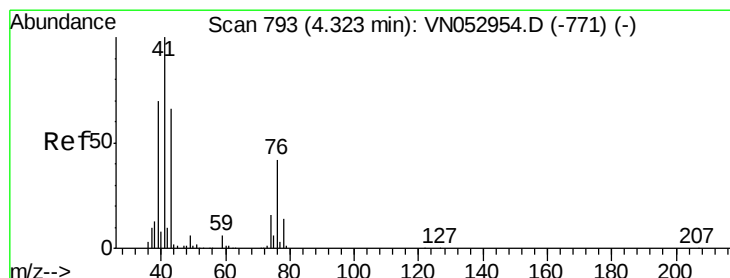
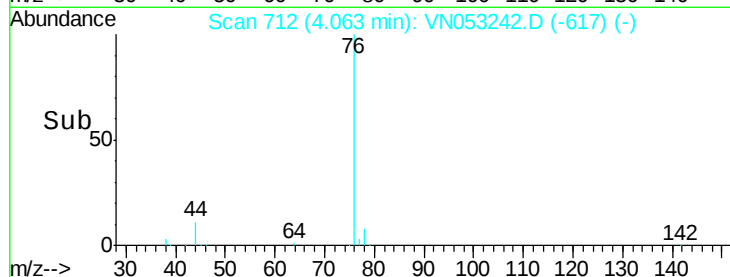
50000

0

4.06

4.00 4.10 4.20

Time-->



#18

Methyl Acetate

Concen: 24.728 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053242.D

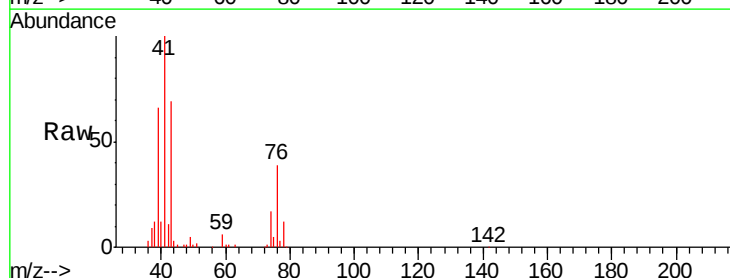
Acq: 2 Jan 2019 12:25

Tgt Ion: 43 Resp: 190831

Ion Ratio Lower Upper

43 100

74 24.4 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN053242.D (-700) (-)

Ion 74.00 (73.70 to 74.70): VN053242.D (-700) (-)

60000

40000

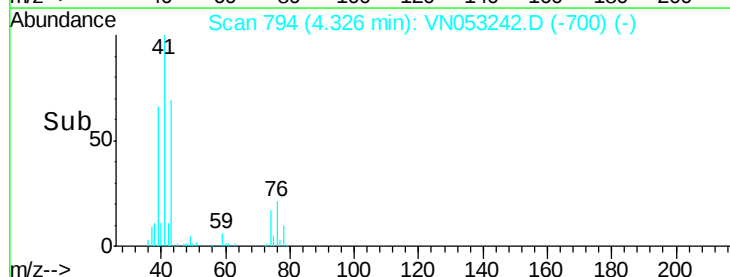
20000

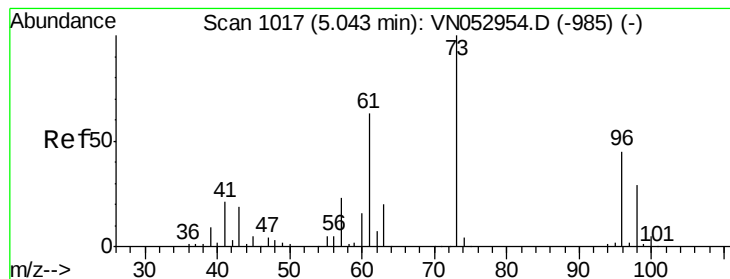
0

4.33

4.20 4.30 4.40

Time-->



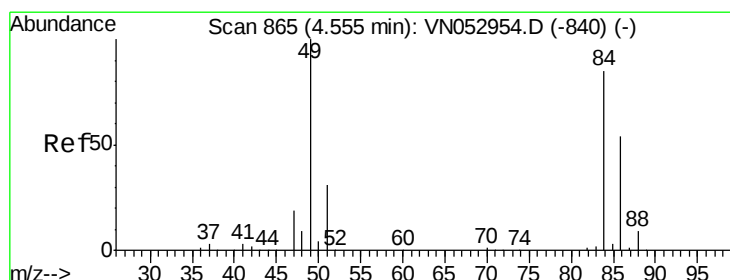
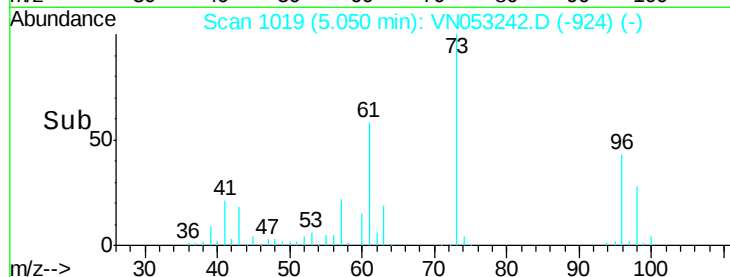
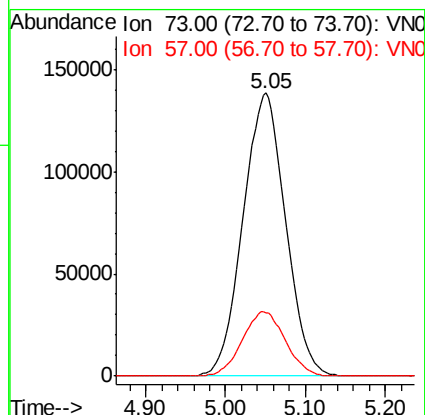
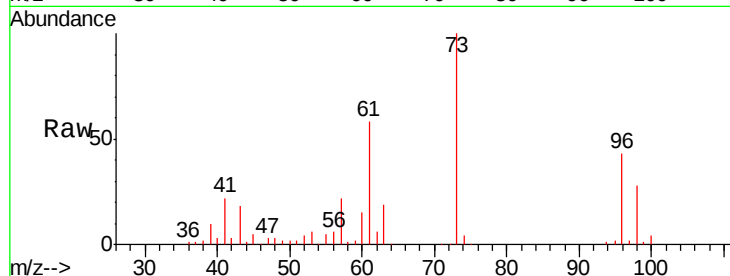


#19

Methyl tert-butyl Ether
 Concen: 22.554 ug/l
 RT: 5.05 min Scan# 1019
 Delta R.T. 0.01 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

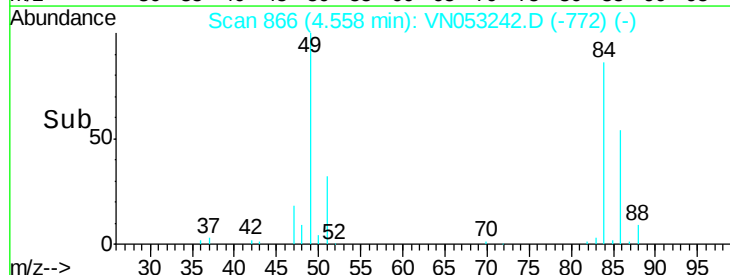
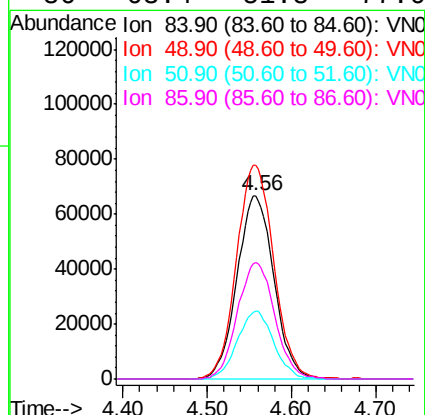
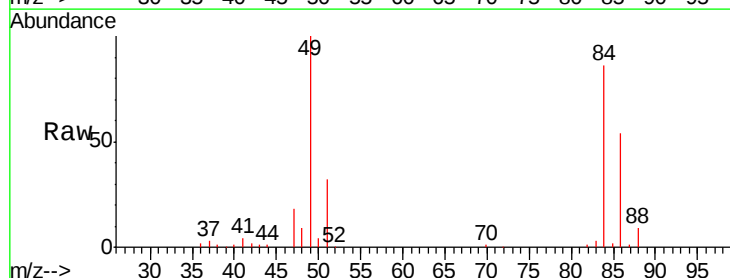
Tgt Ion: 73 Resp: 501992
 Ion Ratio Lower Upper
 73 100
 57 22.5 18.4 27.6

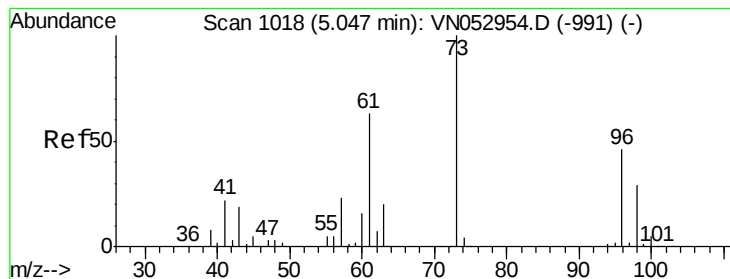


#20

Methylene Chloride
 Concen: 21.425 ug/l
 RT: 4.56 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 84 Resp: 202914
 Ion Ratio Lower Upper
 84 100
 49 116.6 96.8 145.2
 51 37.2 29.9 44.9
 86 63.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 20.752 ug/l

RT: 5.05 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

VN0102WBS02

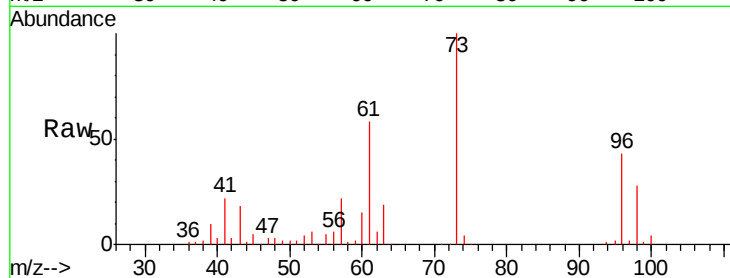
Tgt Ion: 96 Resp: 185438

Ion Ratio Lower Upper

96 100

61 134.7 110.8 166.2

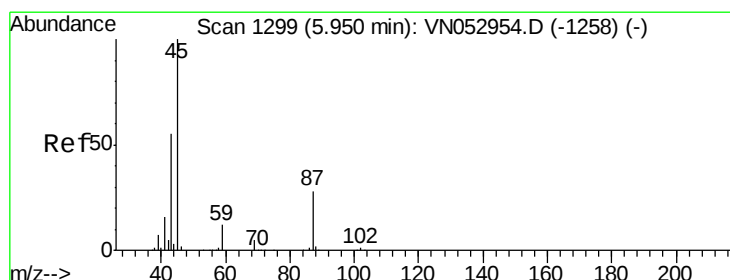
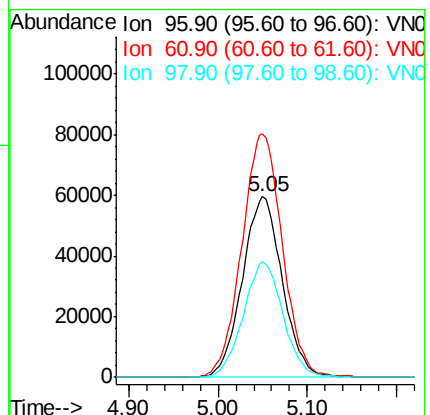
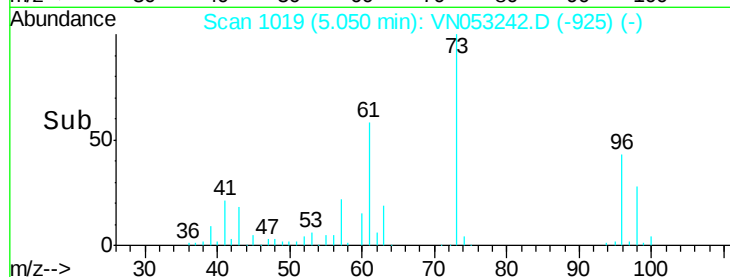
98 63.9 51.4 77.2



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: 23.416 ug/l

RT: 5.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Tgt Ion: 45 Resp: 643926

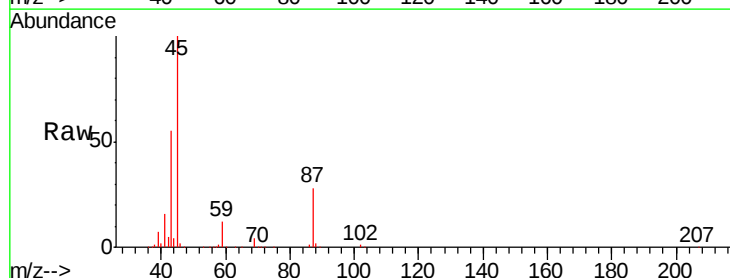
Ion Ratio Lower Upper

45 100

43 53.7 45.5 68.3

87 27.8 22.0 33.0

59 11.8 9.4 14.0

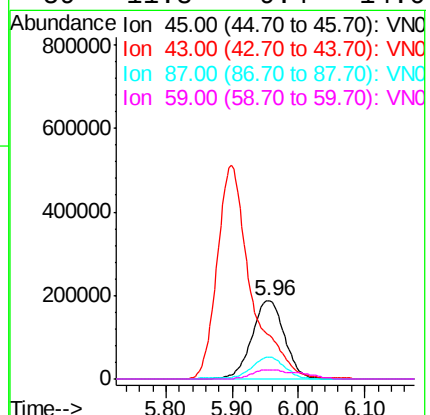
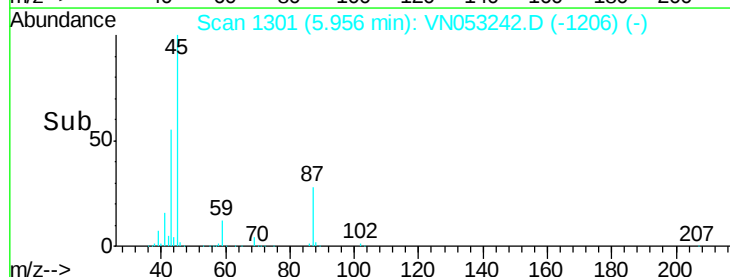


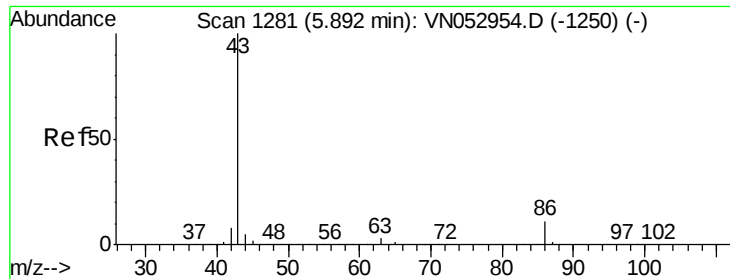
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

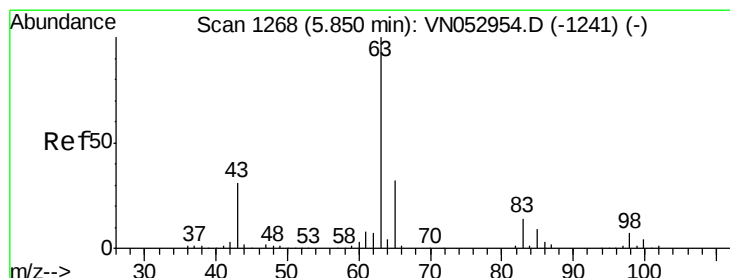
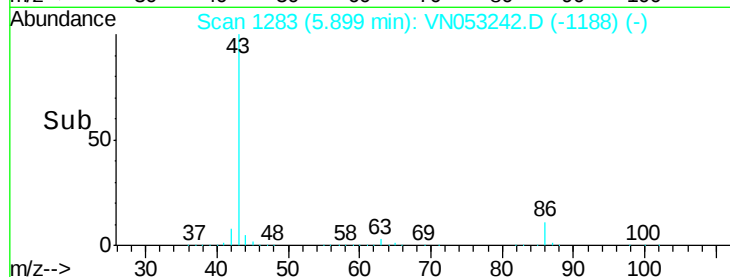
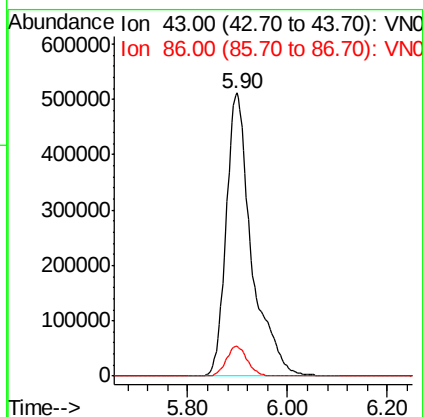
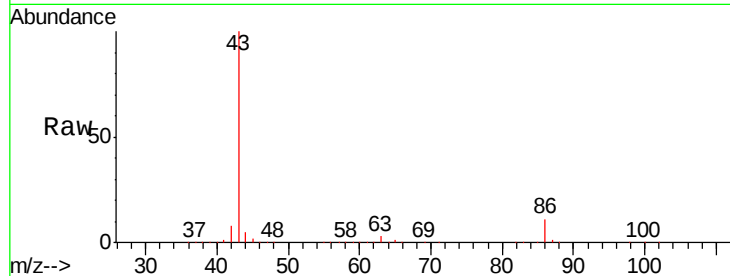




#23
 Vinyl Acetate
 Concen: 114.752 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. 0.01 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

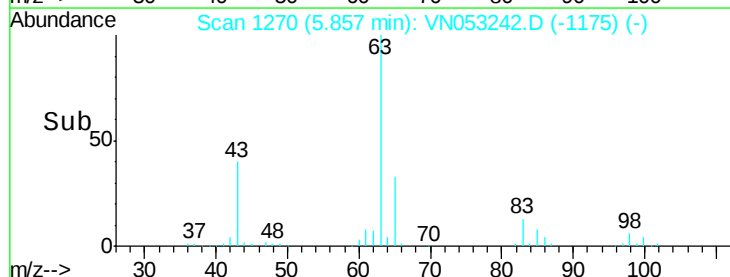
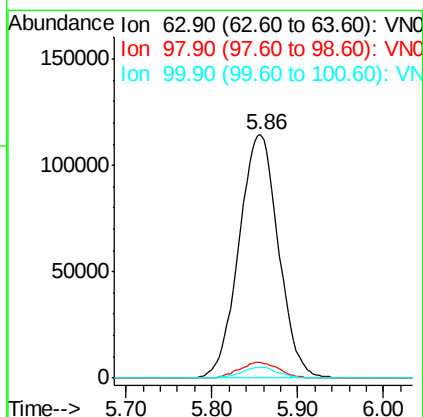
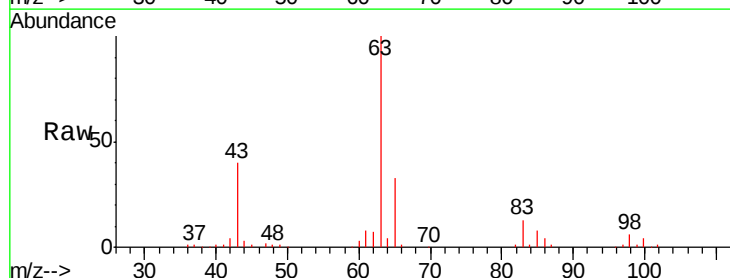
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

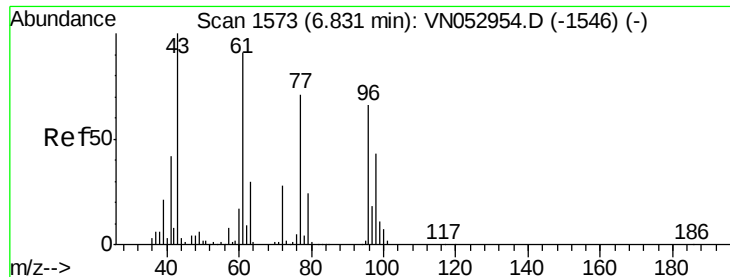
Tgt Ion: 43 Resp: 1814538
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 22.350 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. 0.01 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 63 Resp: 365210
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 4.5 2.0 5.8





#25

2-Butanone

Concen: 124.753 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

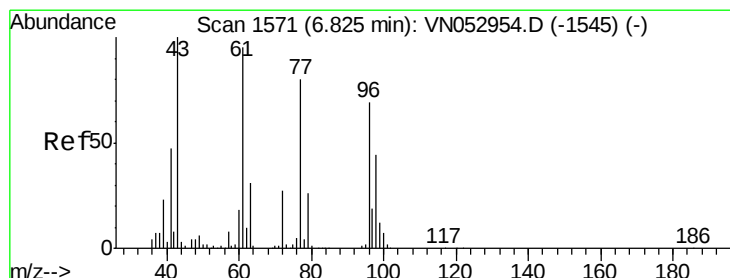
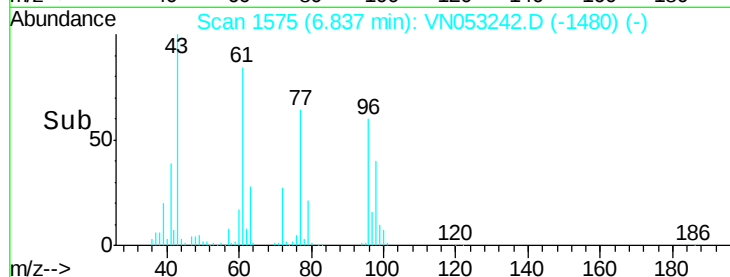
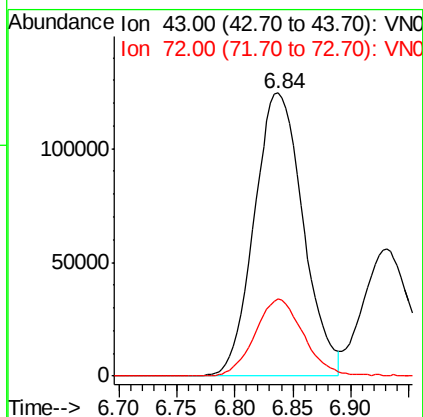
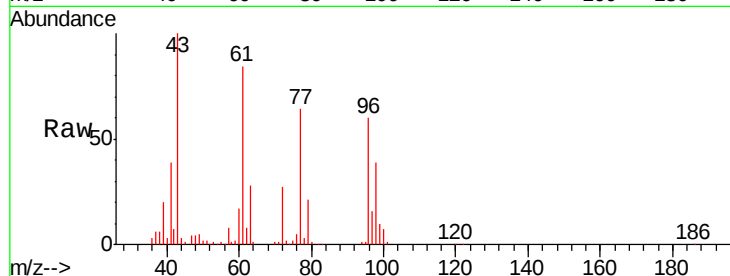
VN0102WBS02

Tgt Ion: 43 Resp: 363511

Ion Ratio Lower Upper

43 100

72 27.3 21.0 31.6



#26

2,2-Dichloropropane

Concen: 22.297 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053242.D

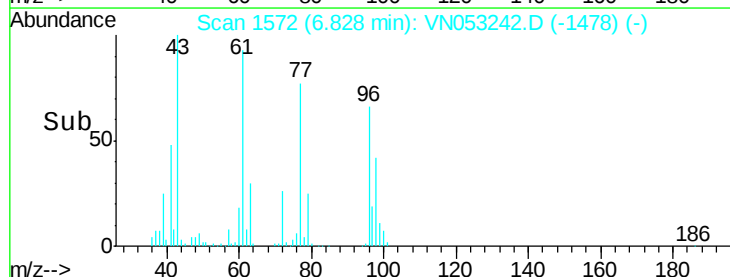
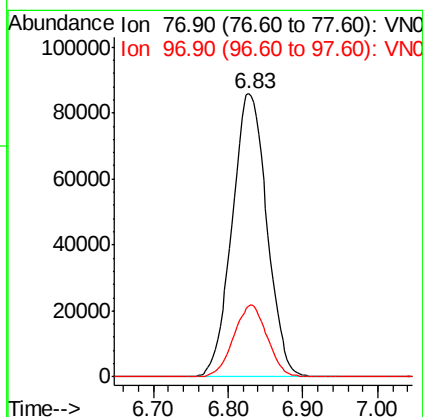
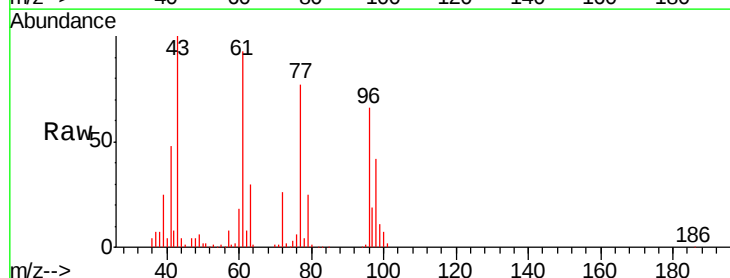
Acq: 2 Jan 2019 12:25

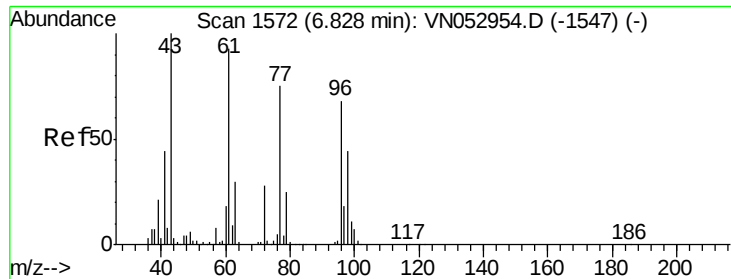
Tgt Ion: 77 Resp: 278129

Ion Ratio Lower Upper

77 100

97 24.3 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 21.857 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.01 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampled :

VN0102WBS02

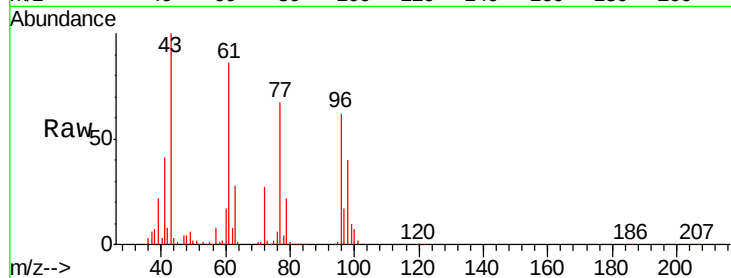
Tgt Ion: 96 Resp: 221118

Ion Ratio Lower Upper

96 100

61 142.8 0.0 284.2

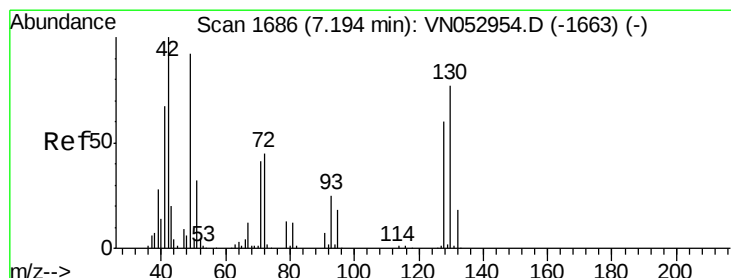
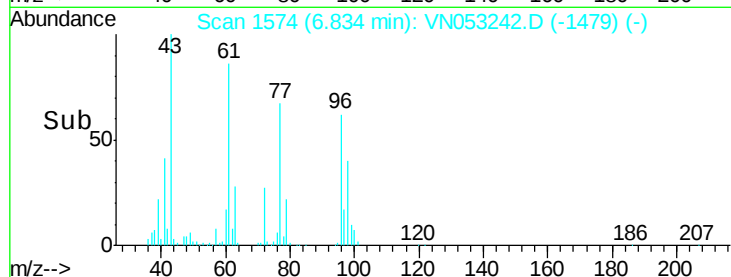
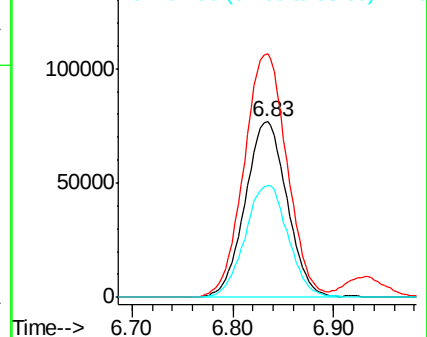
98 65.6 0.0 129.2



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: 23.636 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

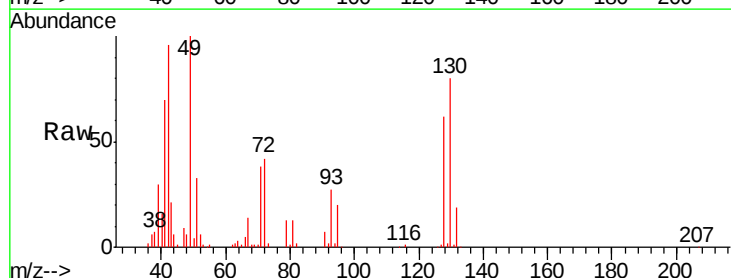
Tgt Ion: 49 Resp: 167360

Ion Ratio Lower Upper

49 100

129 1.2 0.0 4.0

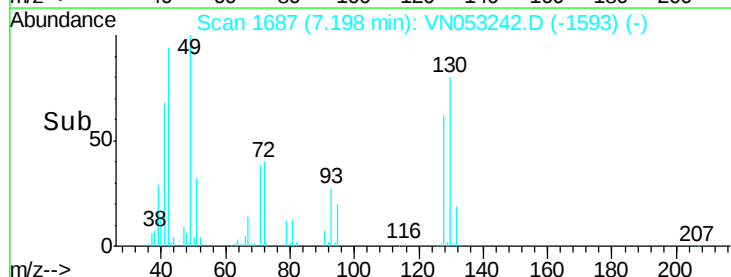
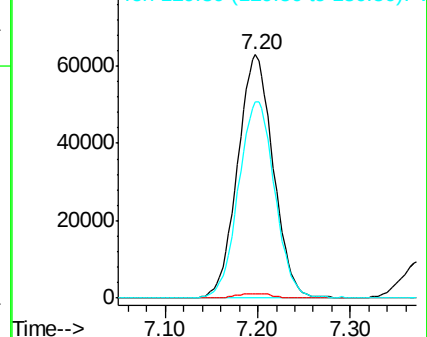
130 82.2 63.3 94.9

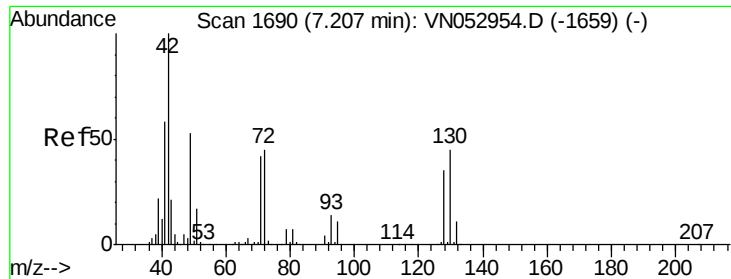


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

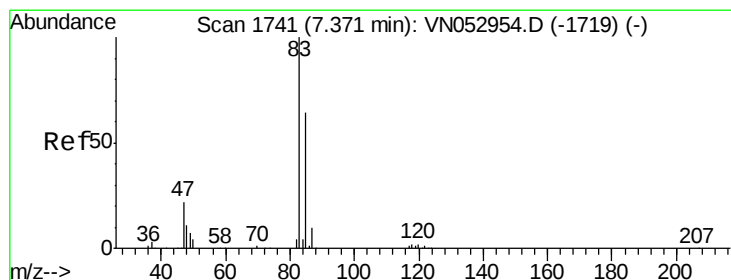
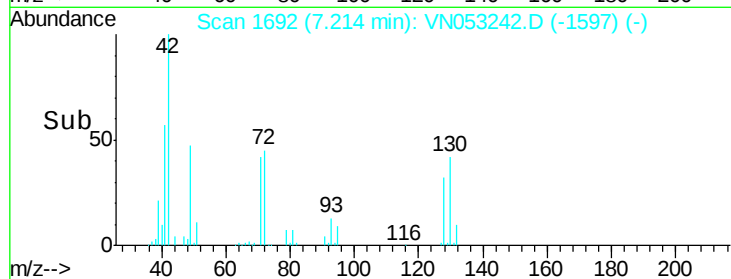
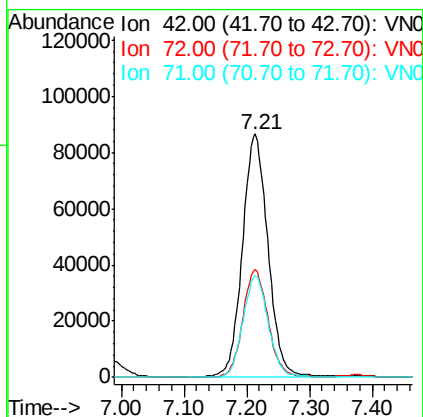
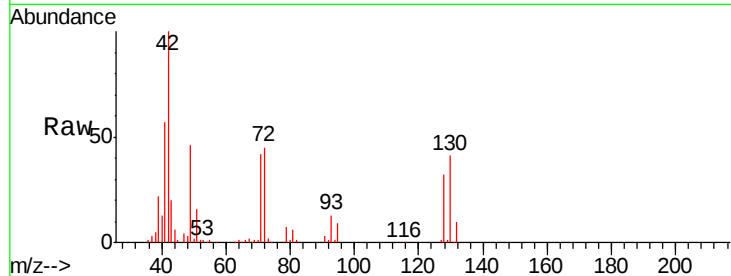




#29
Tetrahydrofuran
Concen: 113.307 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

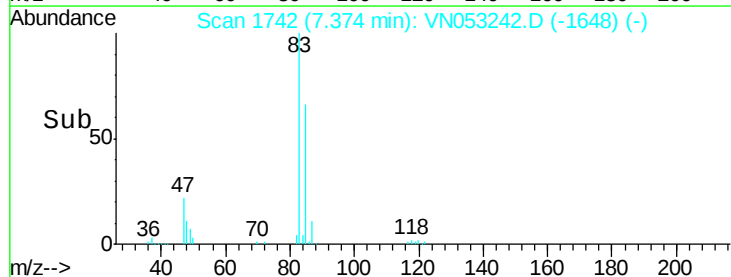
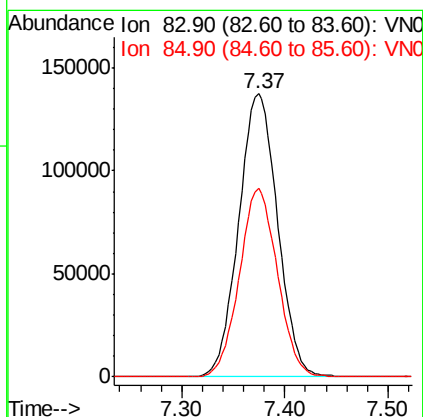
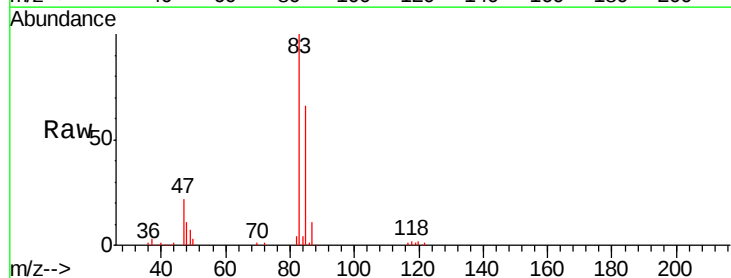
Instrument :
MSVOA_N
ClientSampled :
VN0102WBS02

Tgt Ion: 42 Resp: 246586
Ion Ratio Lower Upper
42 100
72 43.2 34.7 52.1
71 41.2 32.3 48.5



#30
Chloroform
Concen: 22.400 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion: 83 Resp: 359563
Ion Ratio Lower Upper
83 100
85 66.4 52.1 78.1





#31

Cyclohexane

Concen: 20.650 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

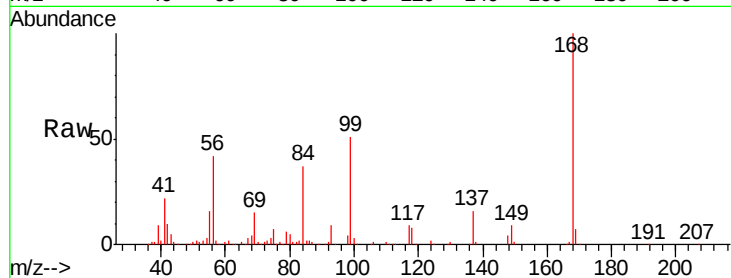
Tgt Ion: 56 Resp: 325931

Ion Ratio Lower Upper

56 100

69 36.2 26.6 39.8

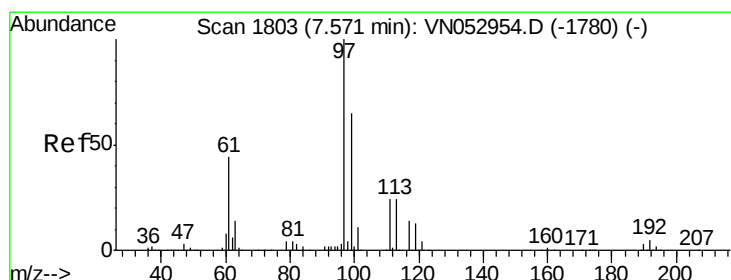
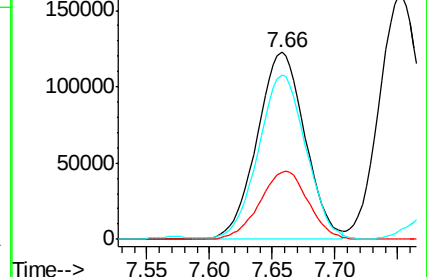
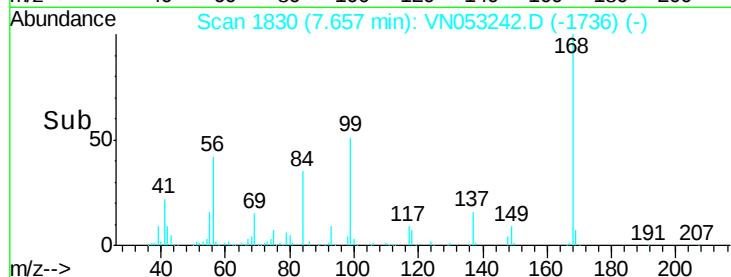
84 86.7 68.4 102.6



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: 22.097 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

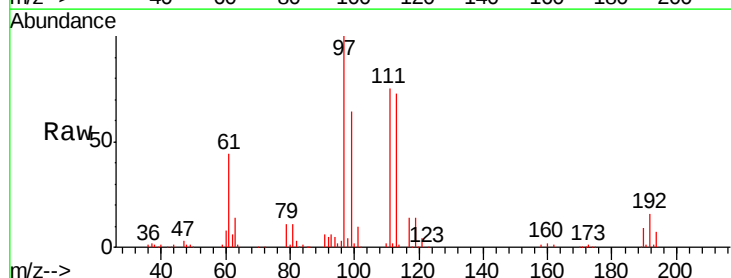
Tgt Ion: 97 Resp: 302160

Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

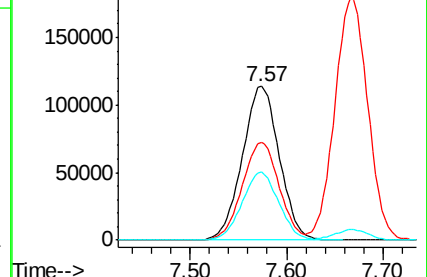
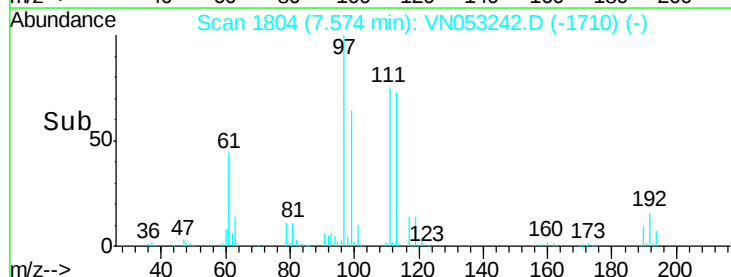
61 43.9 35.0 52.6



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

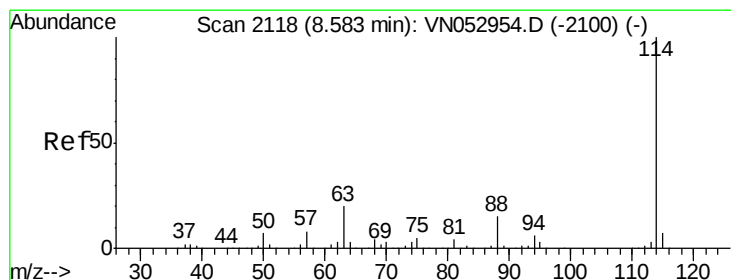
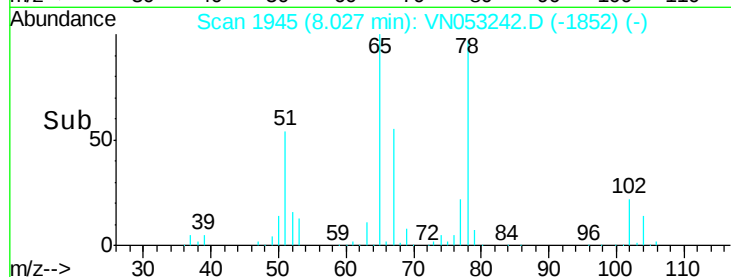
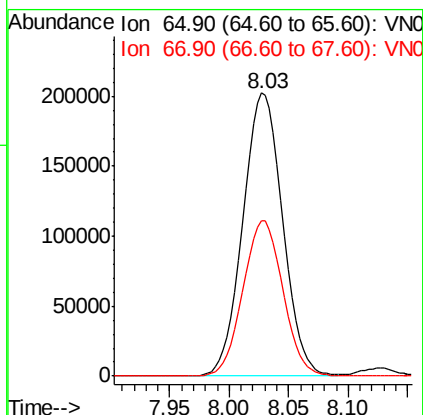
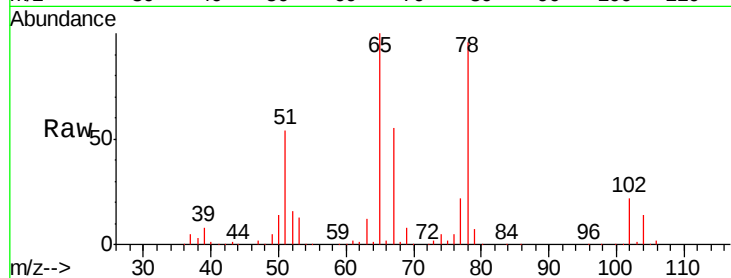




#33
 1,2-Dichloroethane-d4
 Concen: 22.097 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

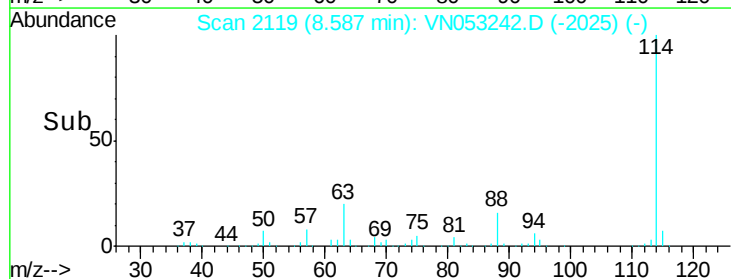
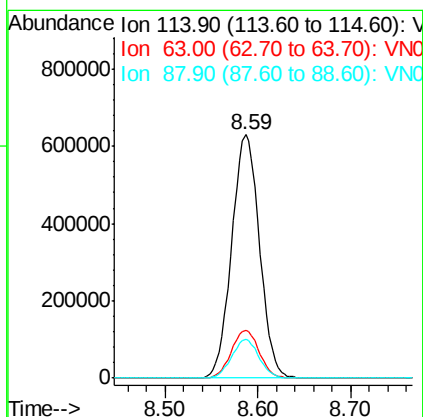
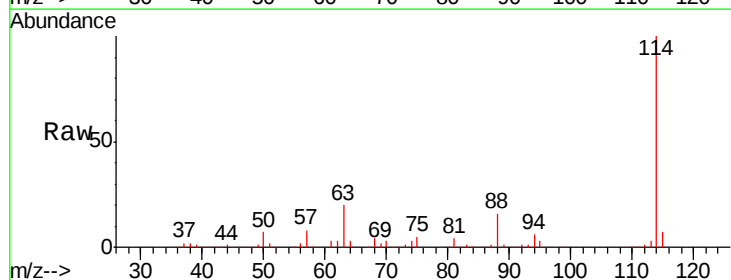
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

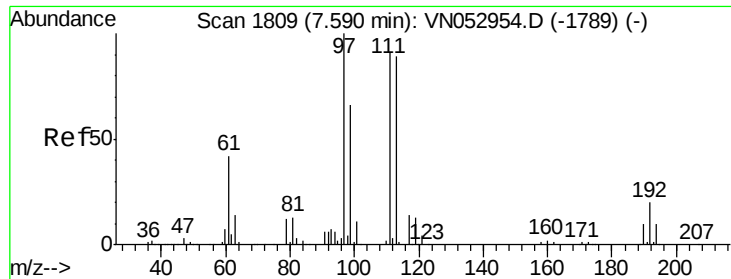
Tgt Ion: 65 Resp: 469693
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 114 Resp: 1309517
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.8
 88 15.8 0.0 31.0

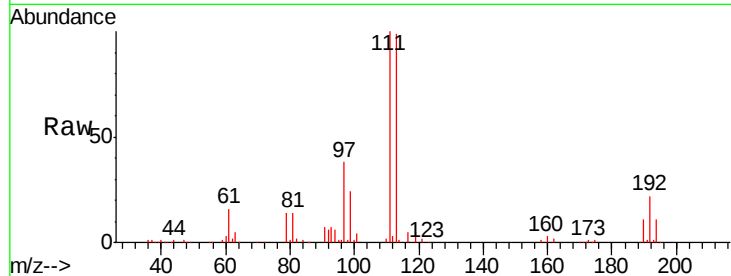




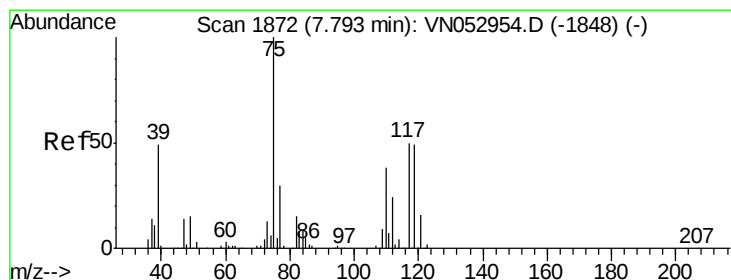
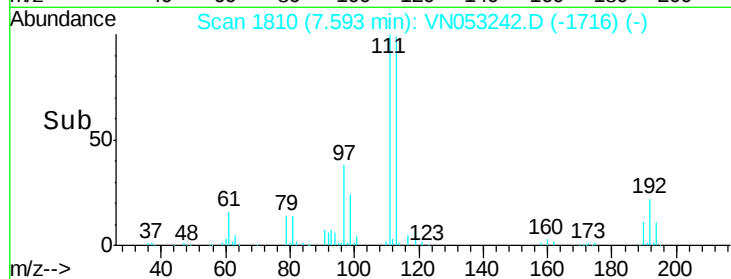
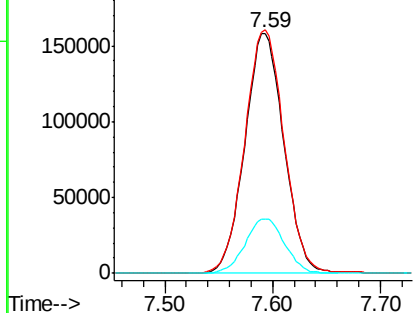
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

Tgt Ion: 113 Resp: 396498
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.4
 192 23.0 17.5 26.3

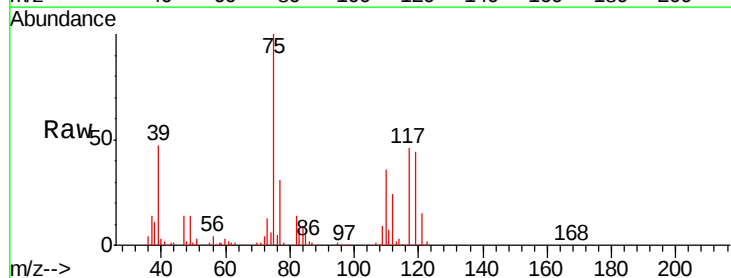


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

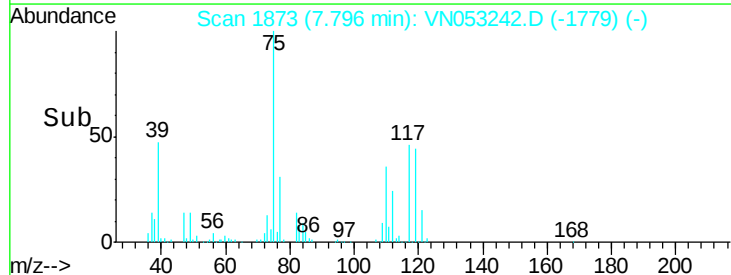
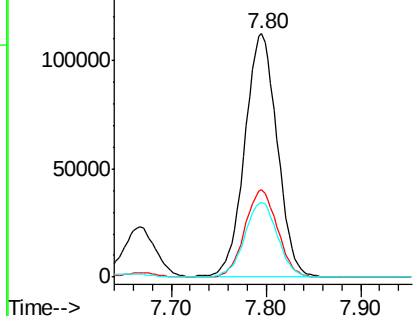


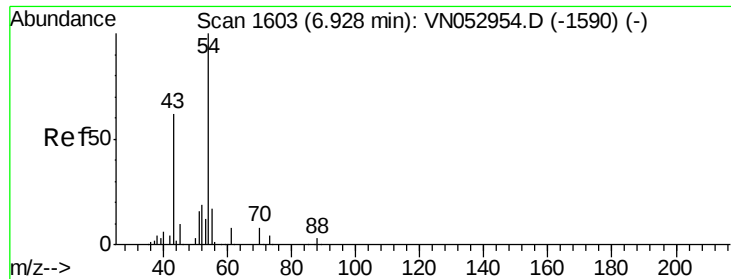
#36
 1,1-Dichloropropene
 Concen: 21.220 ug/l
 RT: 7.80 min Scan# 1873
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 75 Resp: 266715
 Ion Ratio Lower Upper
 75 100
 110 36.0 18.2 54.6
 77 31.3 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

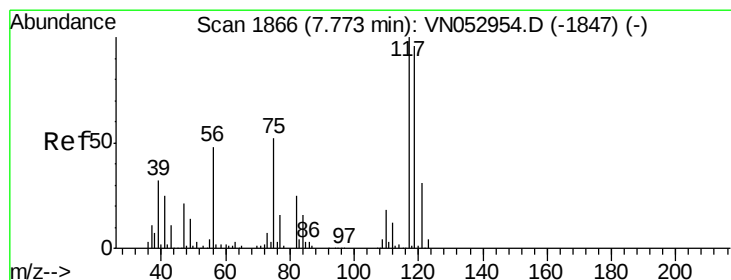
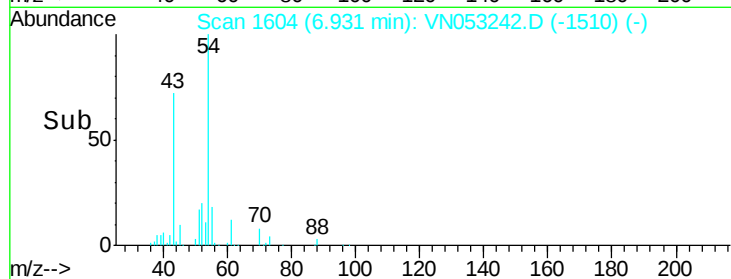
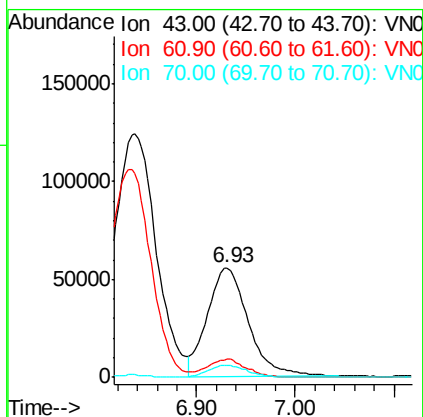
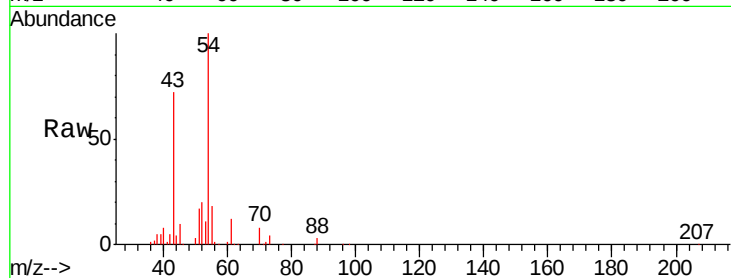




#37
Ethyl Acetate
Concen: 22.861 ug/l
RT: 6.93 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

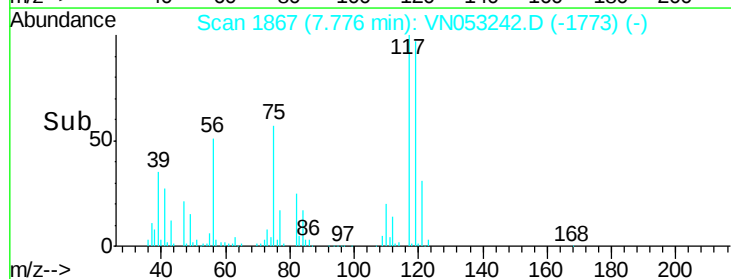
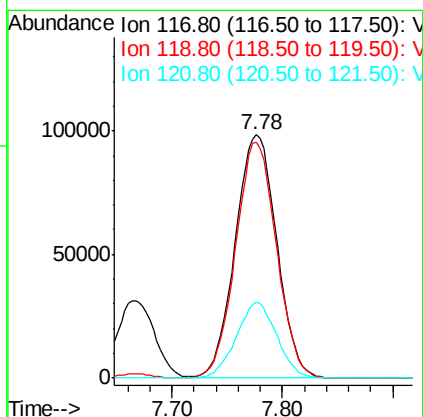
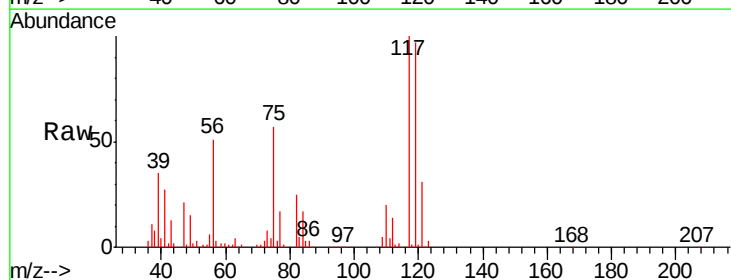
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

Tgt Ion: 43 Resp: 160410
Ion Ratio Lower Upper
43 100
61 15.3 11.8 17.6
70 10.8 8.4 12.6



#38
Carbon Tetrachloride
Concen: 22.290 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion: 117 Resp: 256794
Ion Ratio Lower Upper
117 100
119 96.7 77.1 115.7
121 31.0 24.9 37.3

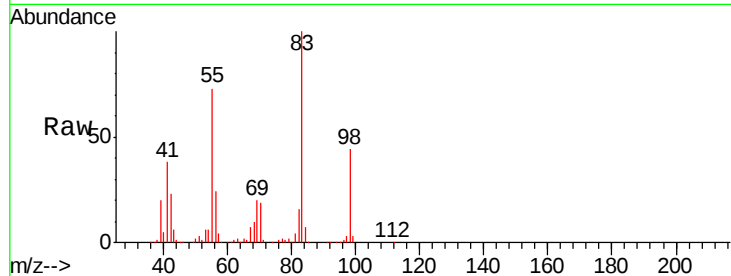




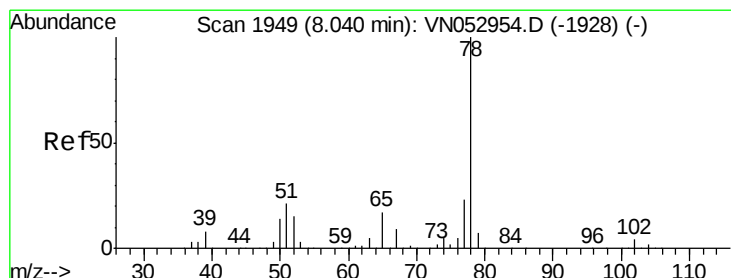
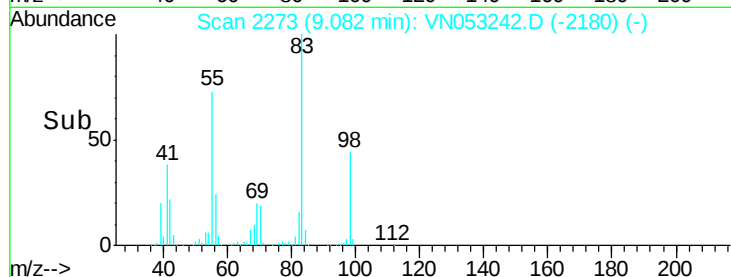
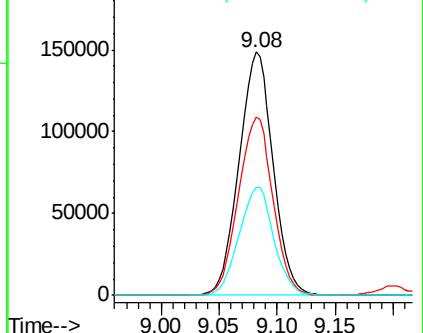
#39
Methylcyclohexane
Concen: 19.906 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

Tgt Ion: 83 Resp: 303948
Ion Ratio Lower Upper
83 100
55 73.2 61.3 91.9
98 44.3 37.0 55.4

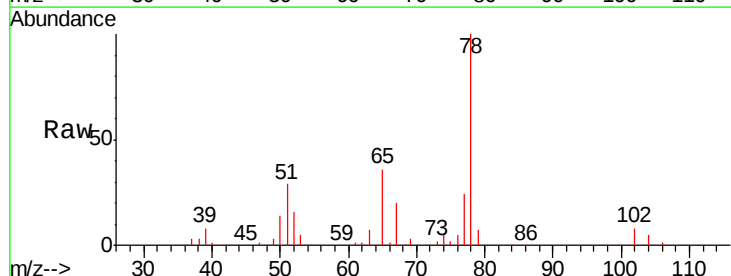


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

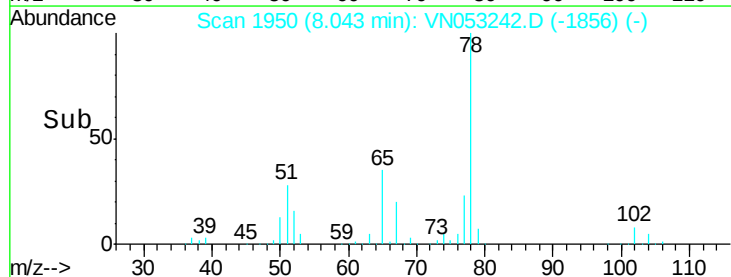
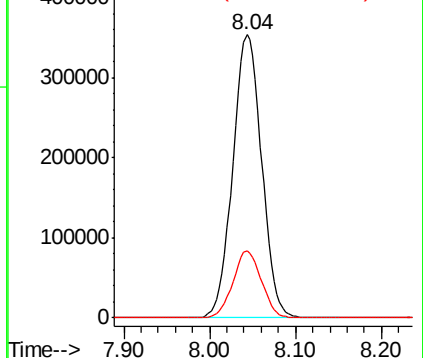


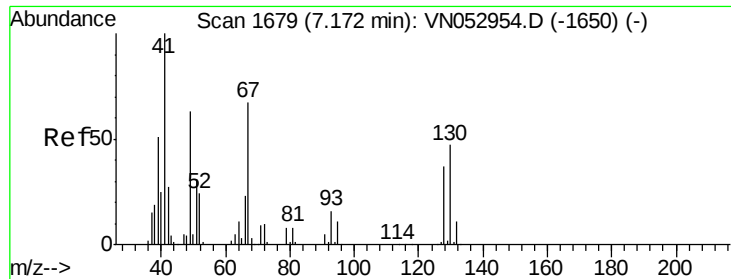
#40
Benzene
Concen: 22.039 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion: 78 Resp: 823963
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



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

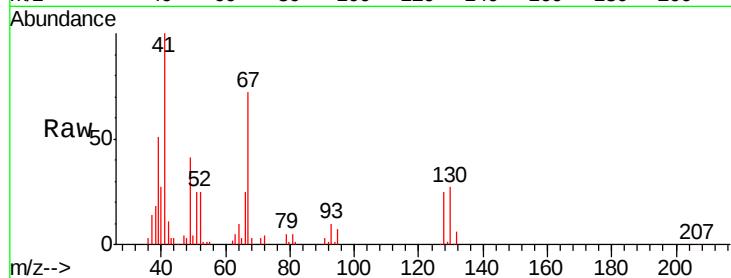




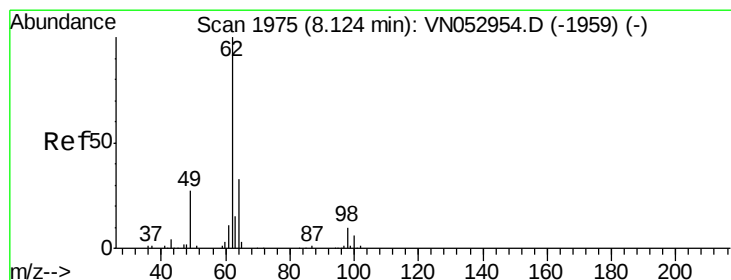
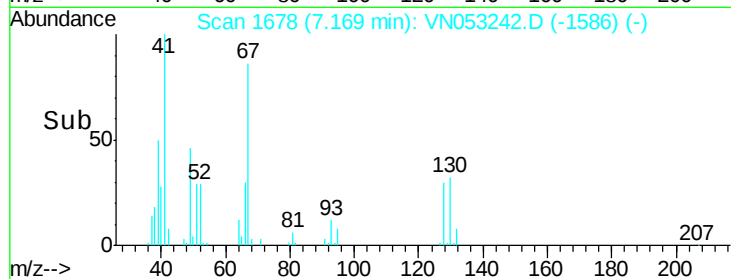
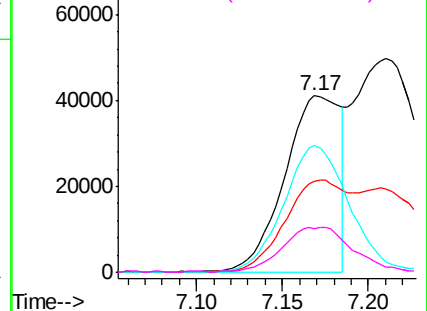
#41
Methacrylonitrile
Concen: 22.822 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

Tgt Ion: 41 Resp: 92526
Ion Ratio Lower Upper
41 100
39 59.5 48.0 72.0
67 85.3 70.3 105.5
52 32.7 26.9 40.3

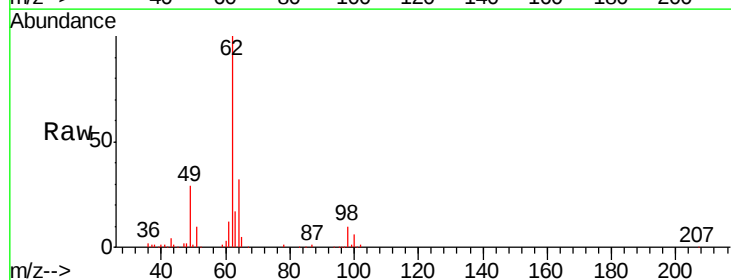


Abundance Ion 41.00 (40.70 to 41.70): VNC
Ion 39.00 (38.70 to 39.70): VNC
Ion 67.00 (66.70 to 67.70): VNC
Ion 52.00 (51.70 to 52.70): VNC

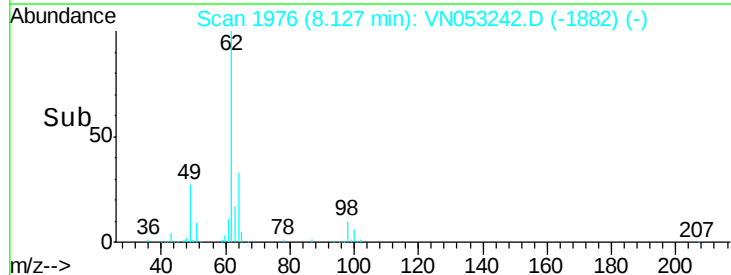
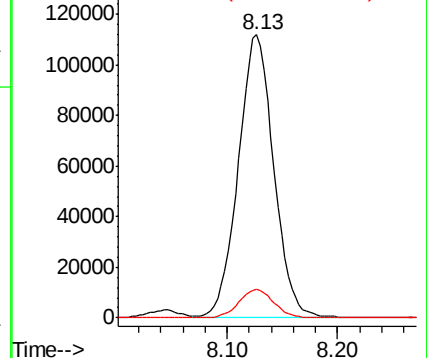


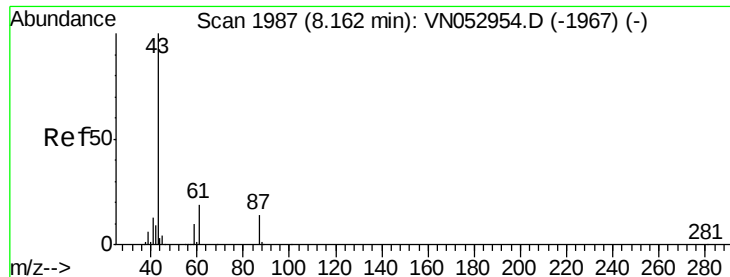
#42
1,2-Dichloroethane
Concen: 22.417 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion: 62 Resp: 247591
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.0



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





#43

Isopropyl Acetate

Concen: 21.887 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

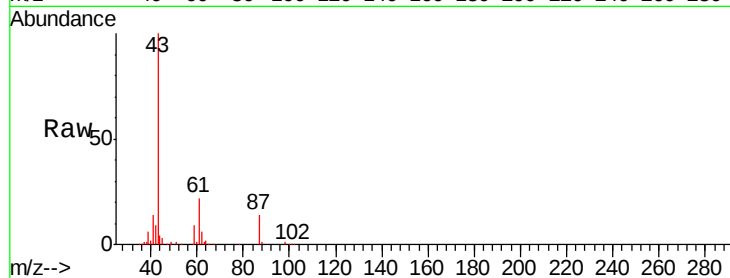
Tgt Ion: 43 Resp: 305168

Ion Ratio Lower Upper

43 100

61 28.8 22.9 34.3

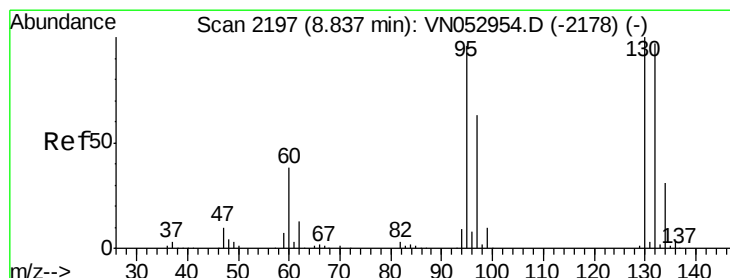
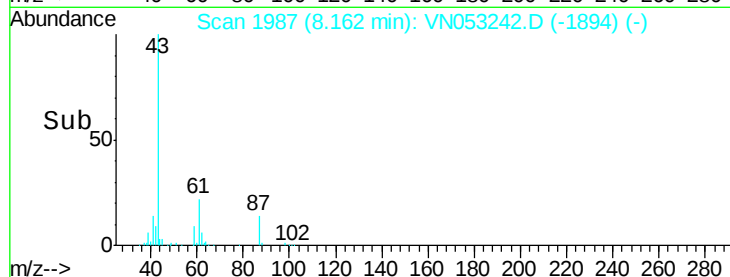
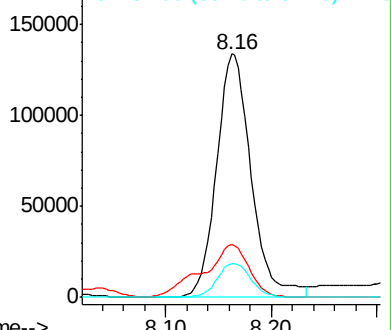
87 13.6 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 20.868 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. -0.00 min

Lab File: VN053242.D

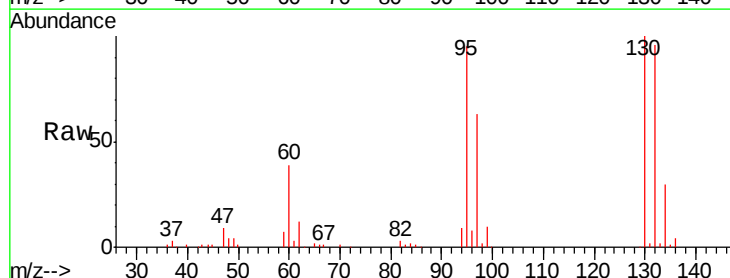
Acq: 2 Jan 2019 12:25

Tgt Ion: 130 Resp: 225659

Ion Ratio Lower Upper

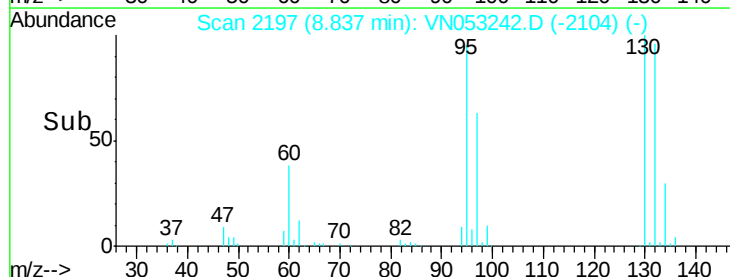
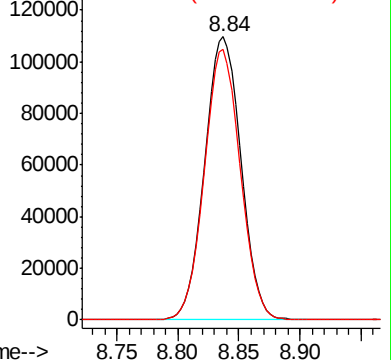
130 100

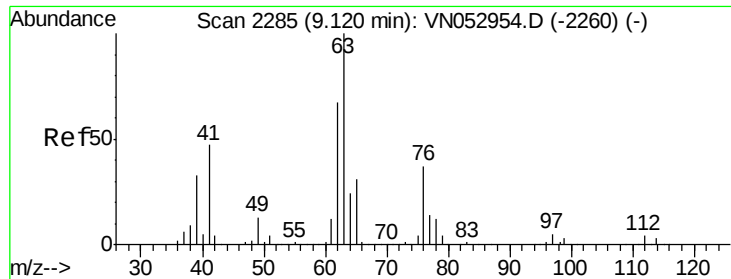
95 95.5 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

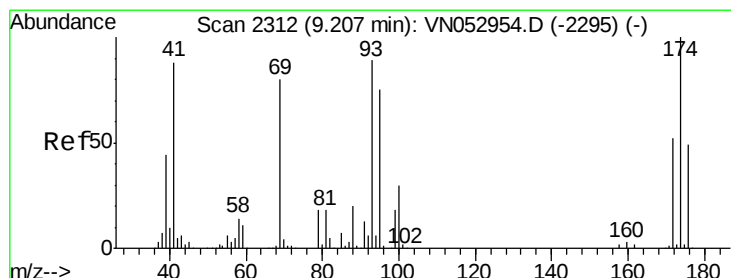
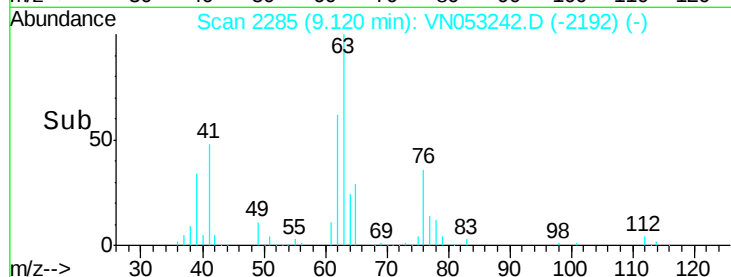
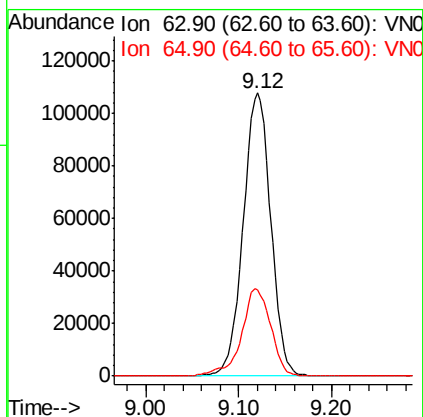
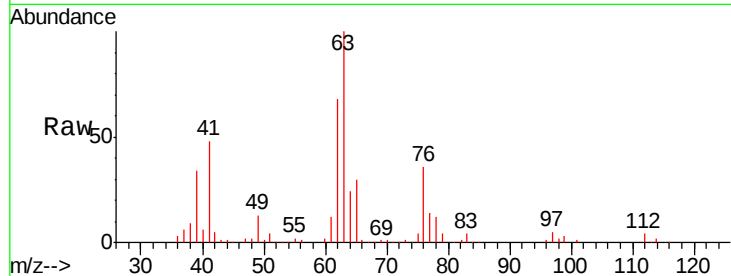




#45
 1,2-Dichloropropane
 Concen: 22.834 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

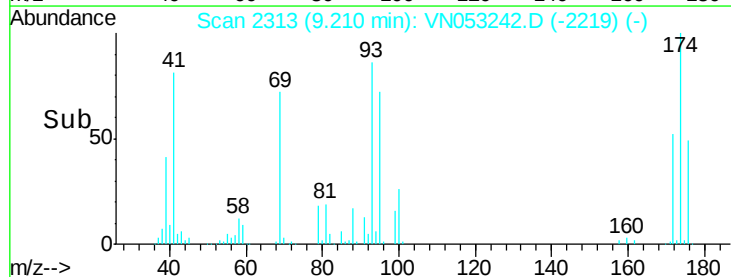
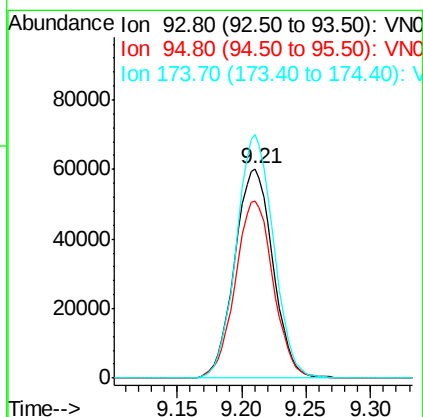
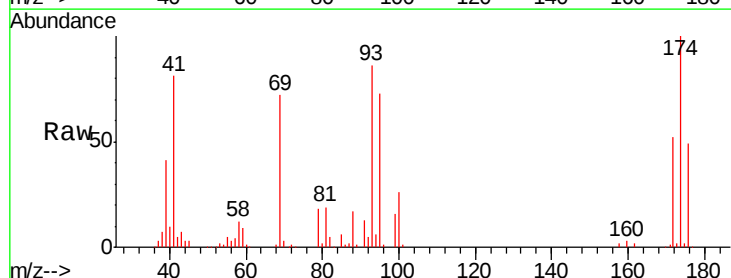
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

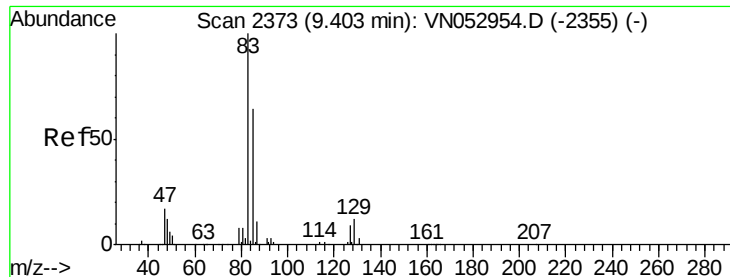
Tgt Ion: 63 Resp: 222362
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.6 37.0



#46
 Dibromomethane
 Concen: 21.920 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 93 Resp: 124347
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.8 101.6
 174 113.3 89.0 133.4





#47

Bromodichloromethane

Concen: 22.374 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

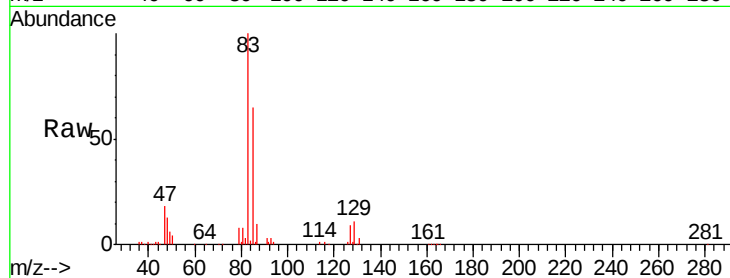
Tgt Ion: 83 Resp: 269795

Ion Ratio Lower Upper

83 100

85 64.8 51.6 77.4

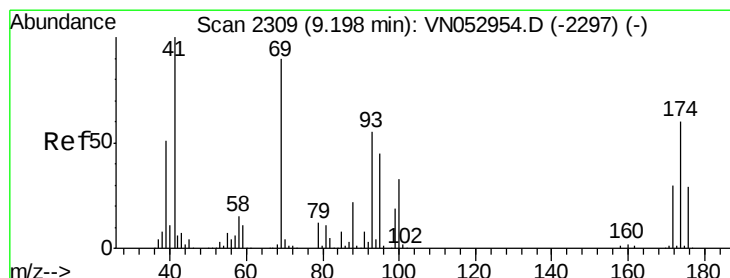
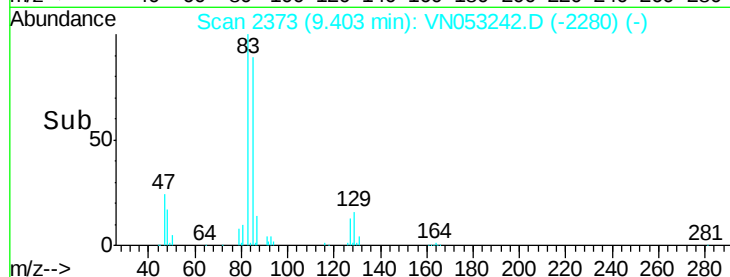
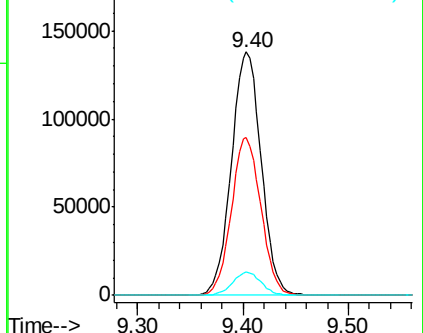
127 9.4 7.1 10.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 21.351 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

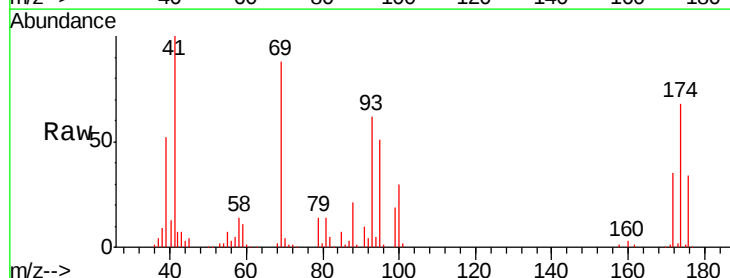
Tgt Ion: 41 Resp: 145376

Ion Ratio Lower Upper

41 100

69 92.3 72.2 108.2

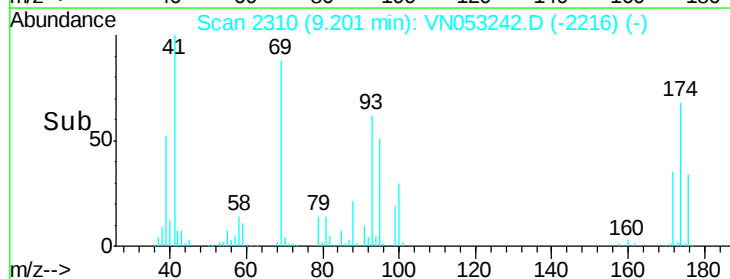
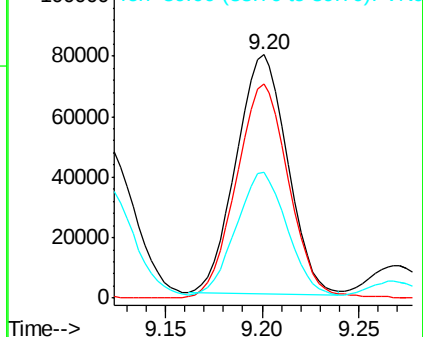
39 53.6 41.9 62.9

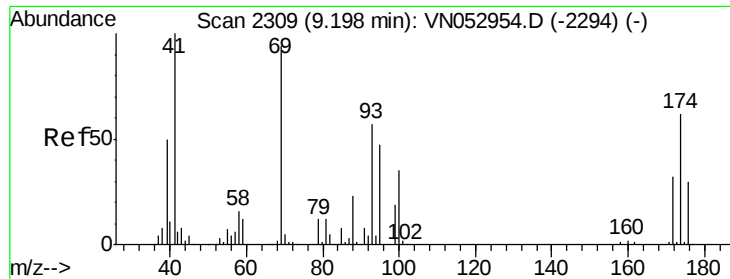


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 396.583 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

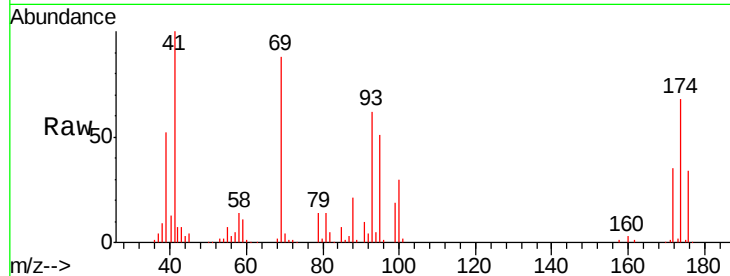
Tgt Ion: 88 Resp: 34157

Ion Ratio Lower Upper

88 100

43 31.3 26.6 40.0

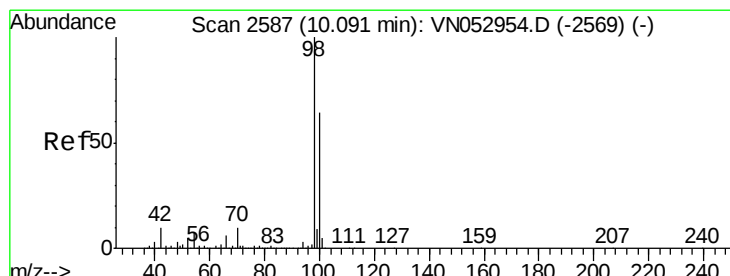
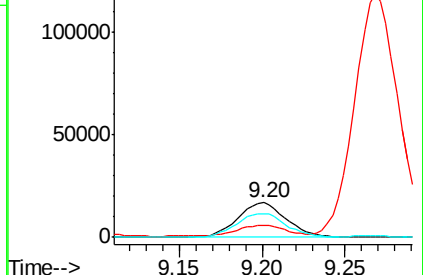
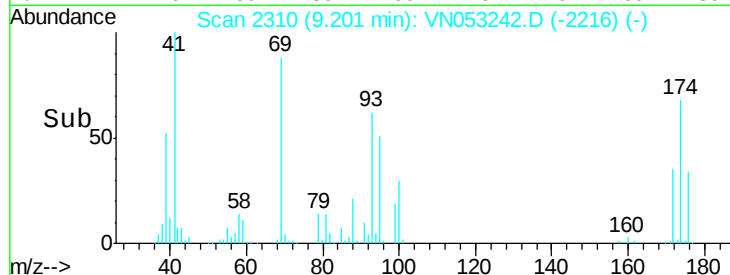
58 71.6 58.4 87.6



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: 396.583 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053242.D

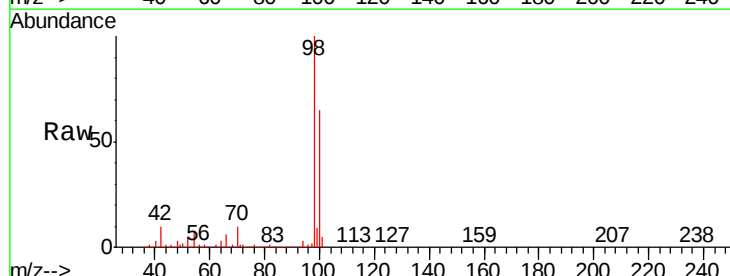
Acq: 2 Jan 2019 12:25

Tgt Ion: 98 Resp: 1630228

Ion Ratio Lower Upper

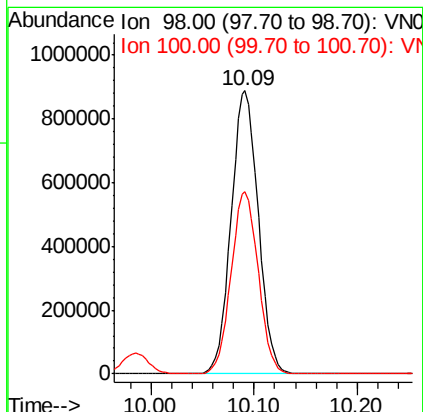
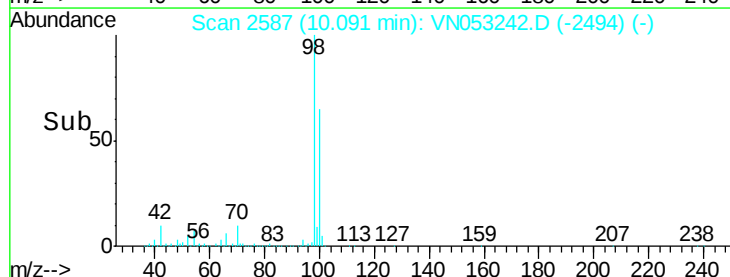
98 100

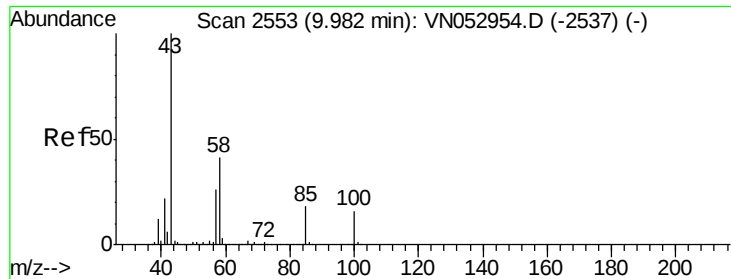
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

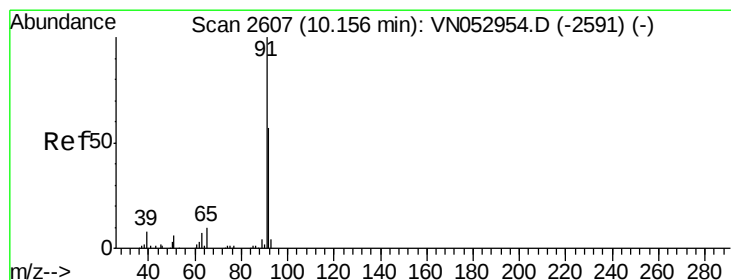
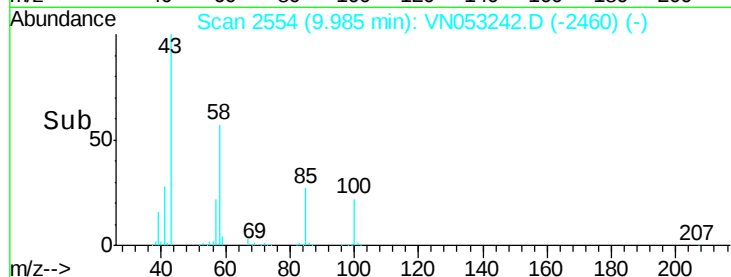
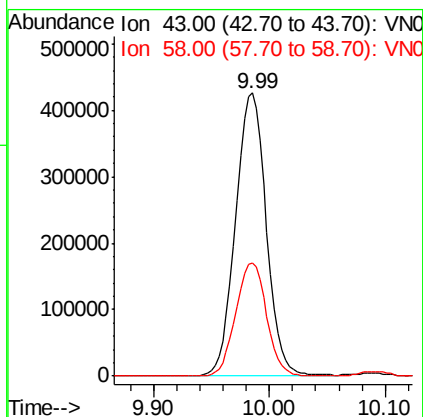
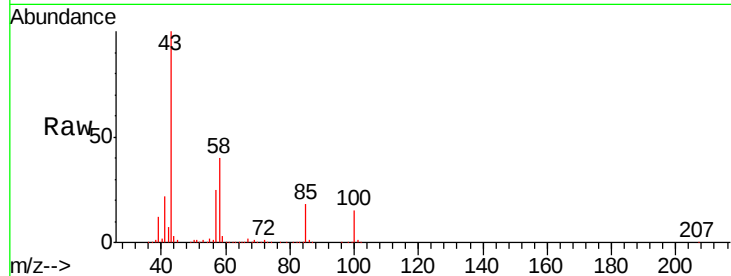




#51
4-Methyl-2-Pentanone
Concen: 114.835 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

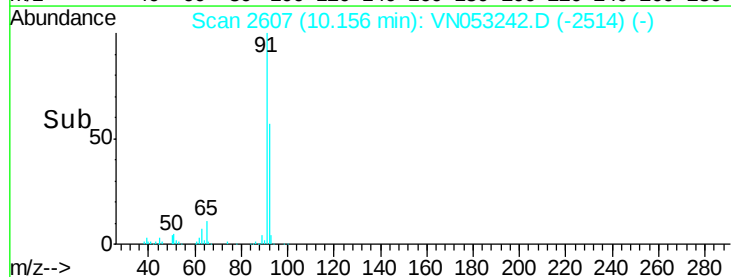
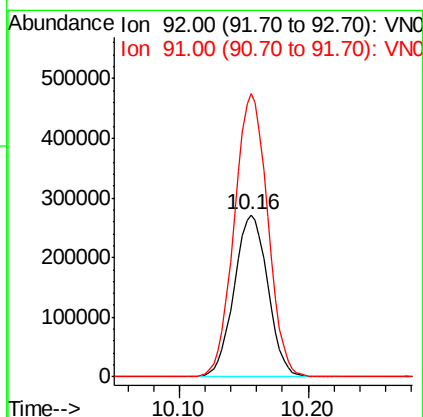
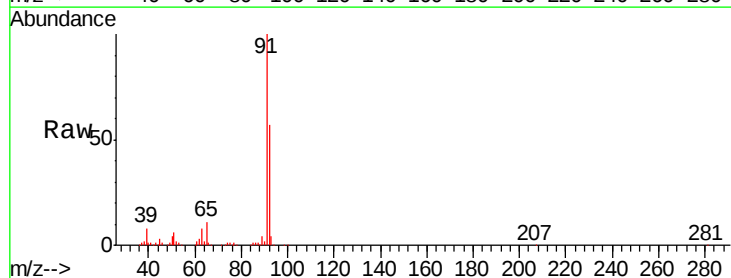
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

Tgt Ion: 43 Resp: 780319
Ion Ratio Lower Upper
43 100
58 40.4 32.2 48.4



#52
Toluene
Concen: 21.162 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion: 92 Resp: 490398
Ion Ratio Lower Upper
92 100
91 175.0 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 20.724 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. -0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

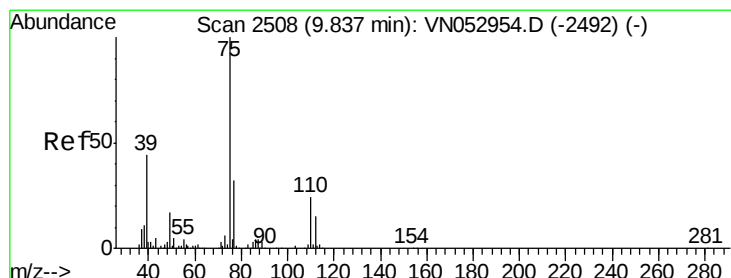
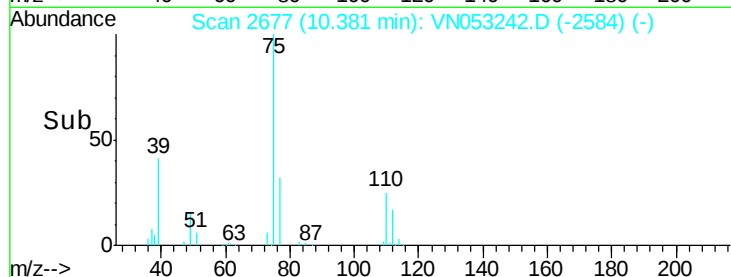
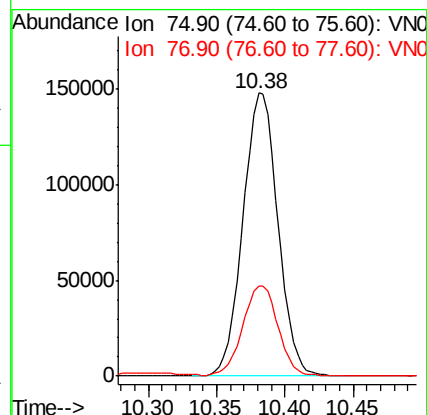
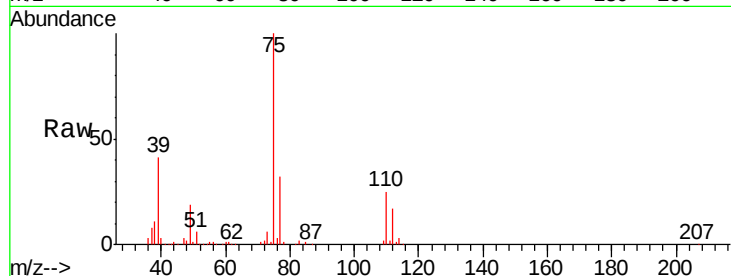
VN0102WBS02

Tgt Ion: 75 Resp: 262781

Ion Ratio Lower Upper

75 100

77 31.8 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 21.894 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

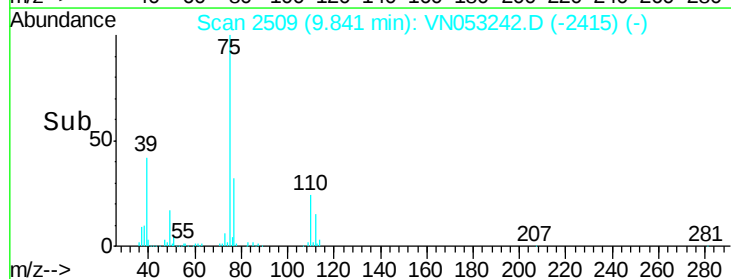
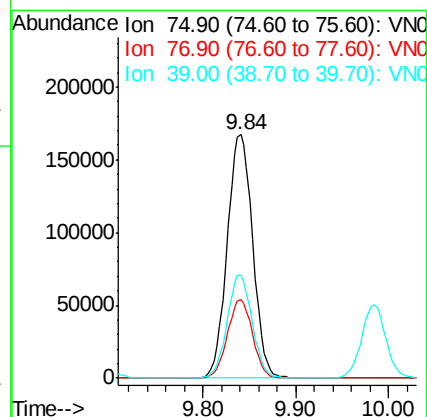
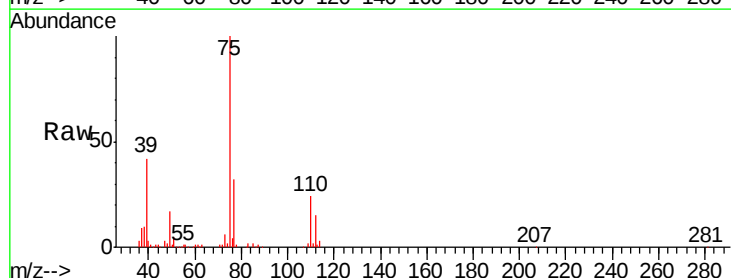
Tgt Ion: 75 Resp: 318659

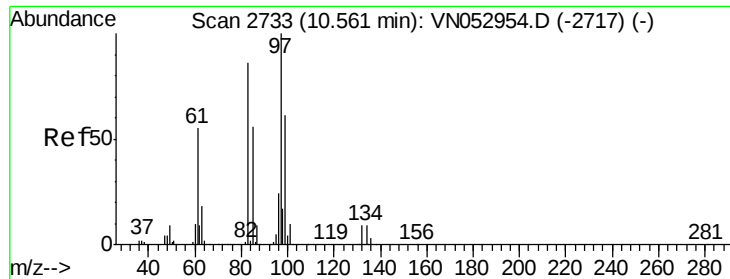
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.8

39 42.5 34.8 52.2

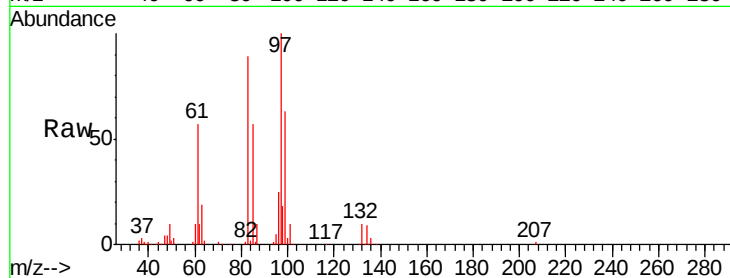




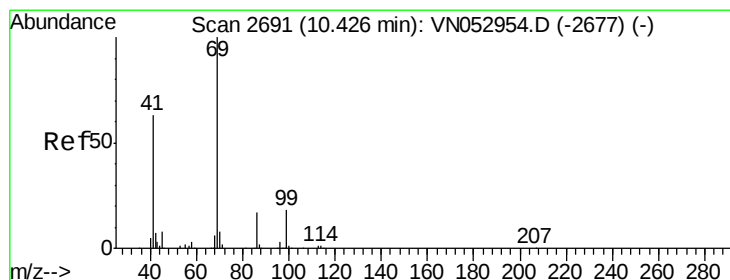
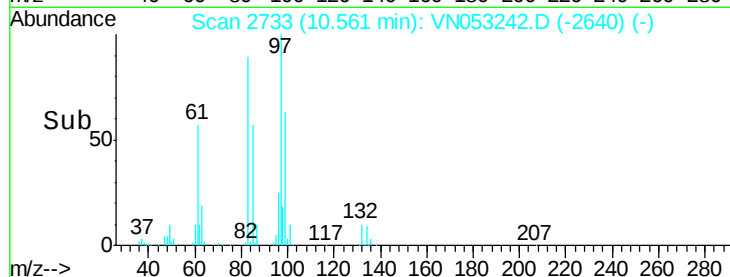
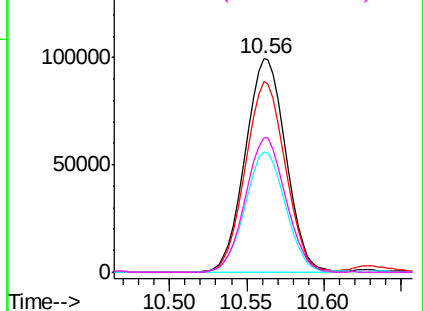
#55
 1,1,2-Trichloroethane
 Concen: 22.521 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Instrument :
 MSVOA_N
 ClientSampled :
 VN0102WBS02

Tgt Ion: 97 Resp: 182069
 Ion Ratio Lower Upper
 97 100
 83 89.1 70.9 106.3
 85 56.6 45.4 68.2
 99 63.1 50.4 75.6

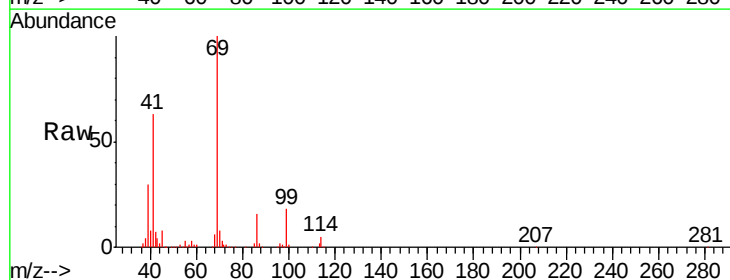


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

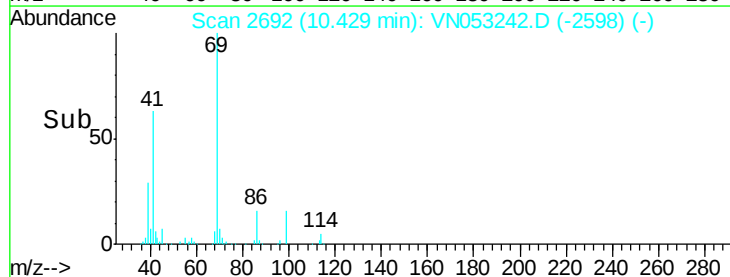
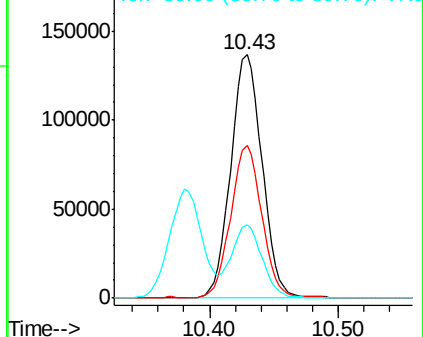


#56
 Ethyl methacrylate
 Concen: 21.616 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 69 Resp: 231299
 Ion Ratio Lower Upper
 69 100
 41 61.4 51.7 77.5
 39 29.5 24.6 37.0



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





#57

1,3-Dichloropropane

Concen: 22.411 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

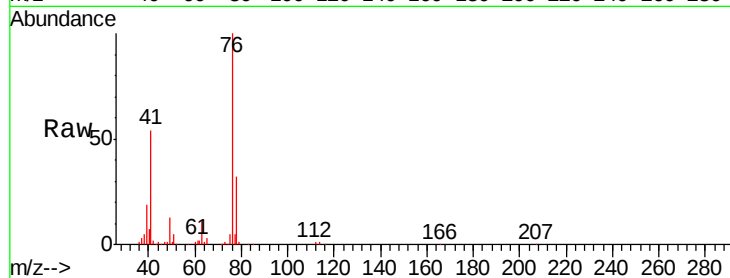
VN0102WBS02

Tgt Ion: 76 Resp: 310696

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.71

200000

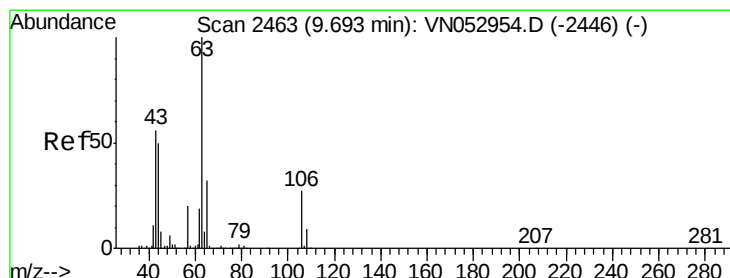
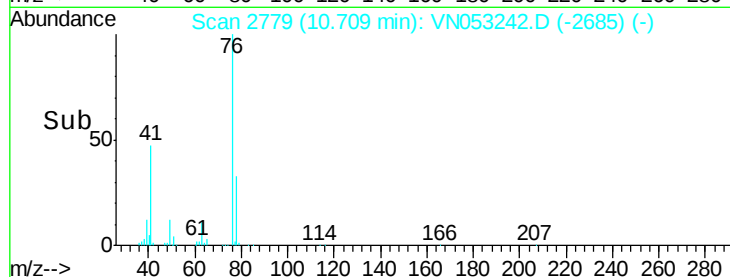
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 108.572 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053242.D

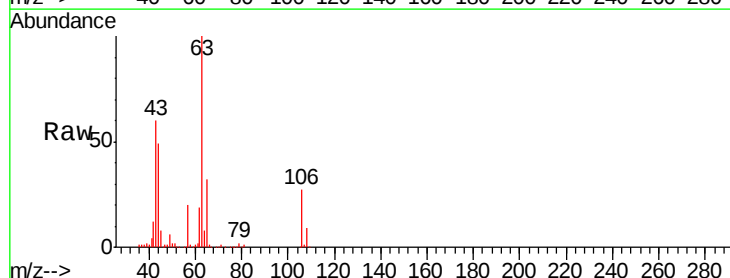
Acq: 2 Jan 2019 12:25

Tgt Ion: 63 Resp: 637810

Ion Ratio Lower Upper

63 100

106 26.9 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.70

400000

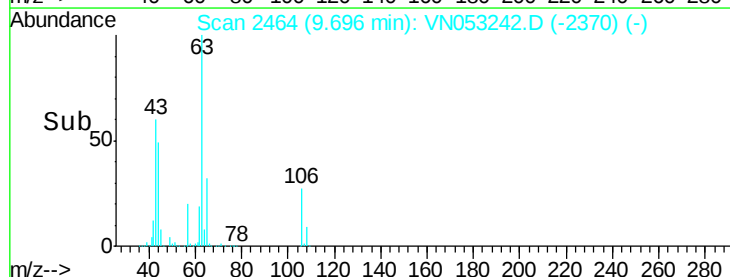
300000

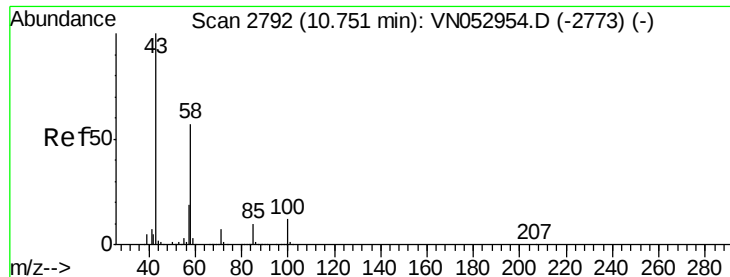
200000

100000

0

Time--> 9.60 9.70 9.80

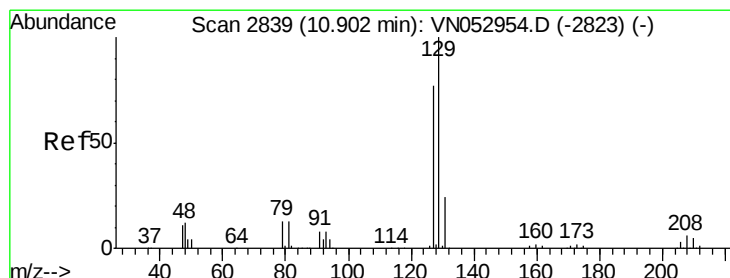
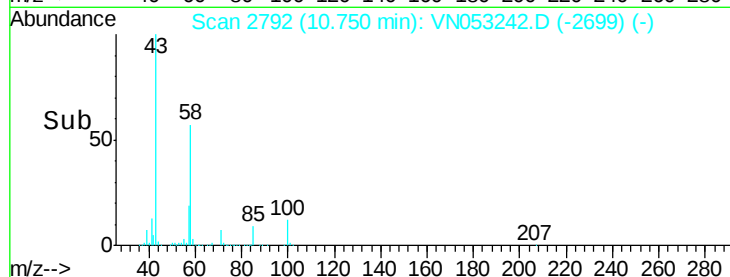
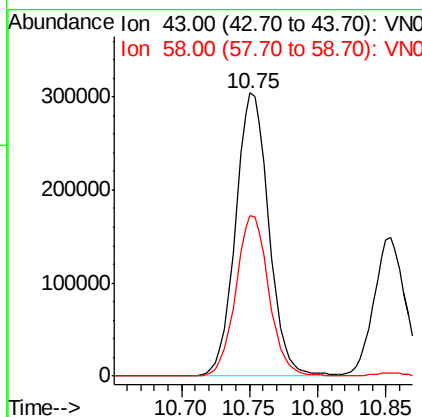
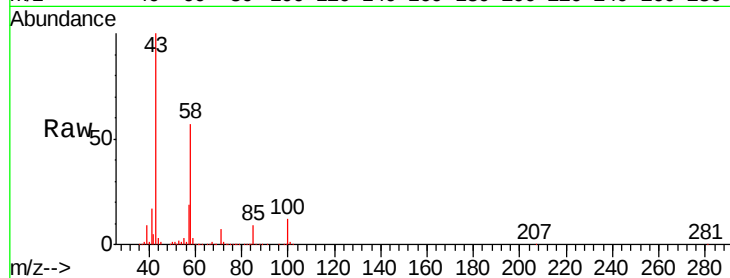




#59
2-Hexanone
Concen: 111.409 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

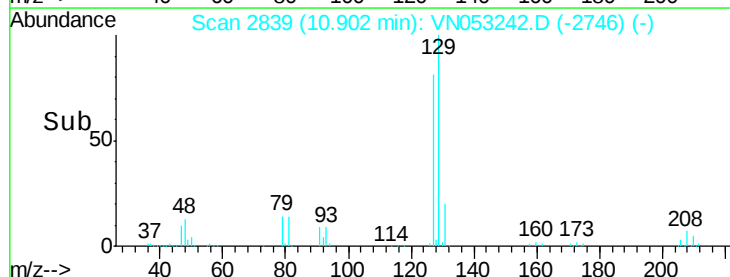
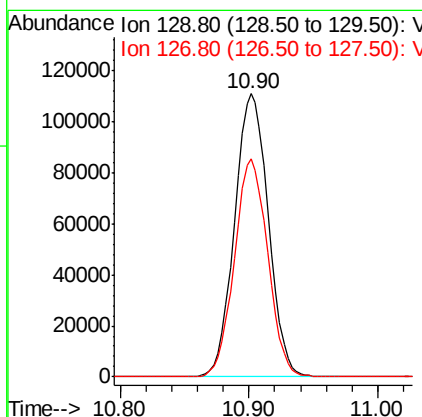
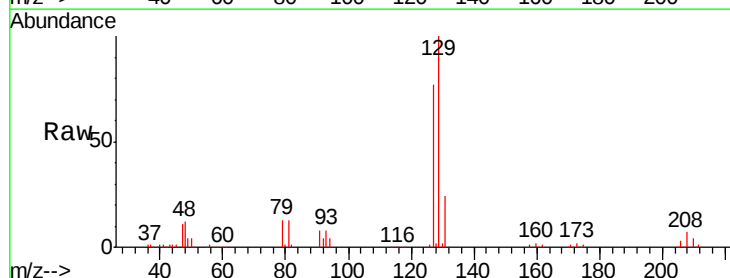
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

Tgt Ion: 43 Resp: 512198
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 21.806 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion: 129 Resp: 201789
Ion Ratio Lower Upper
129 100
127 75.9 38.6 116.0

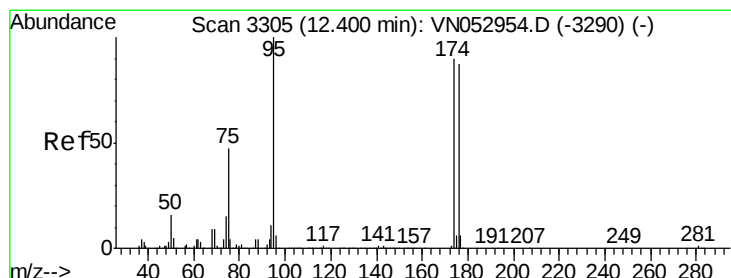
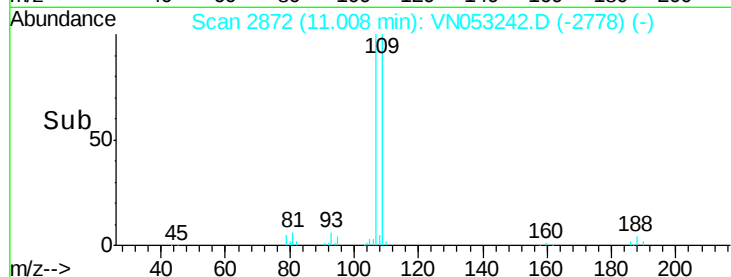
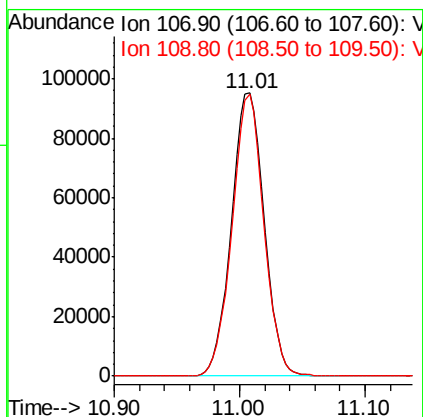
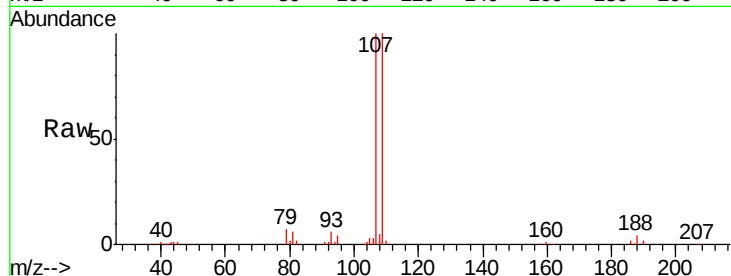




#61
 1,2-Dibromoethane
 Concen: 21.012 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

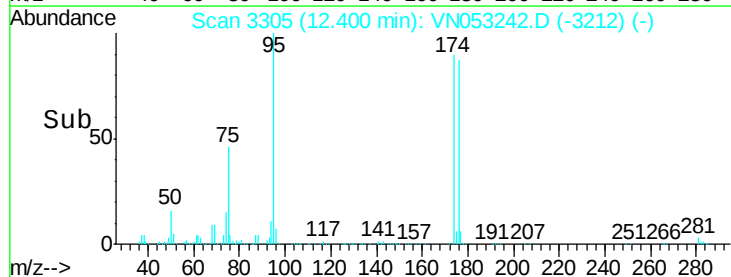
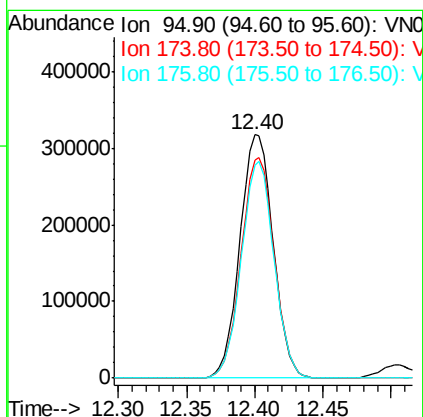
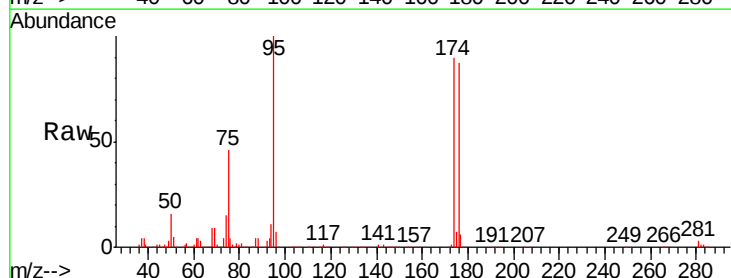
Instrument :
 MSVOA_N
 ClientSampled :
 VN0102WBS02

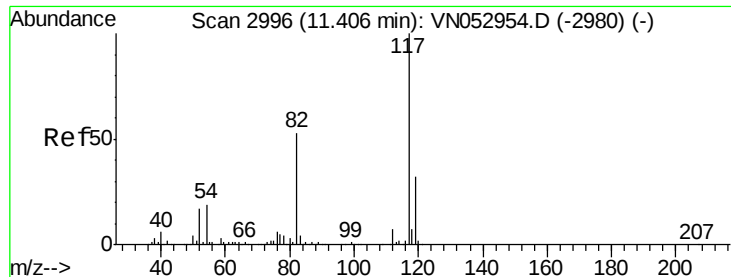
Tgt Ion: 107 Resp: 172524
 Ion Ratio Lower Upper
 107 100
 109 96.4 75.4 113.0



#62
 4-Bromofluorobenzene
 Concen: 21.012 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 95 Resp: 537934
 Ion Ratio Lower Upper
 95 100
 174 90.1 0.0 178.8
 176 87.3 0.0 173.8

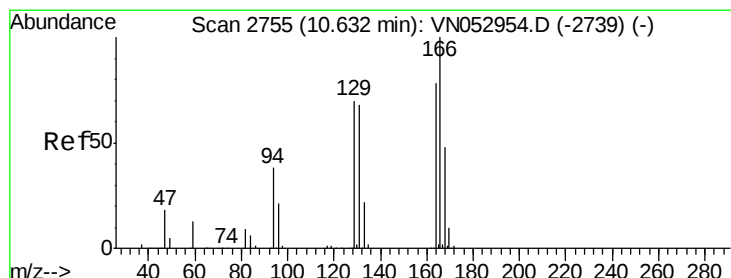
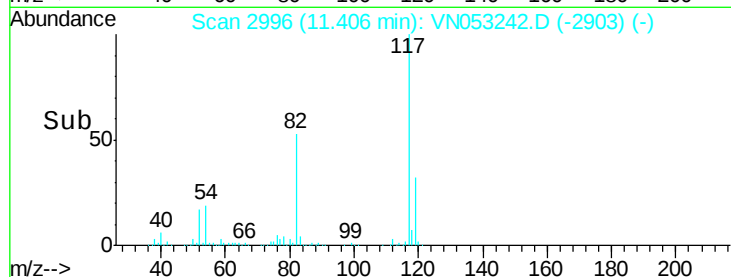
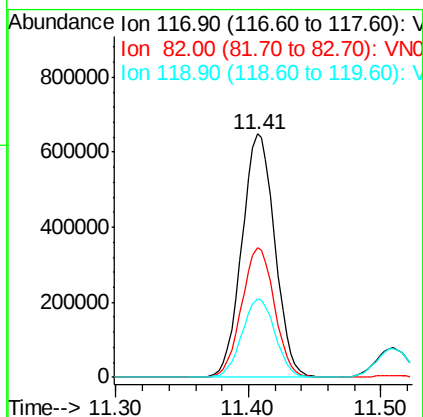
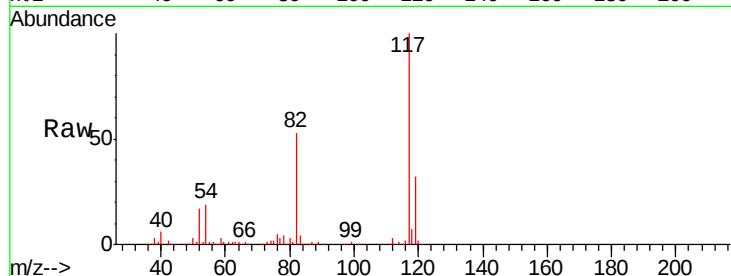




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

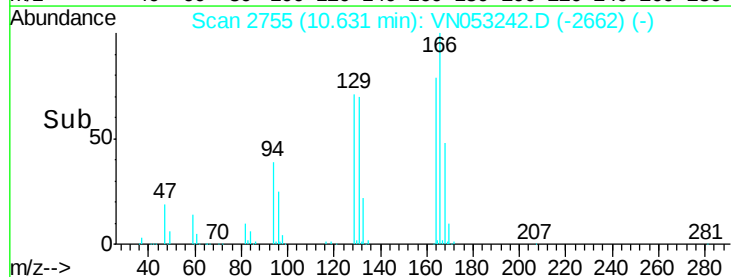
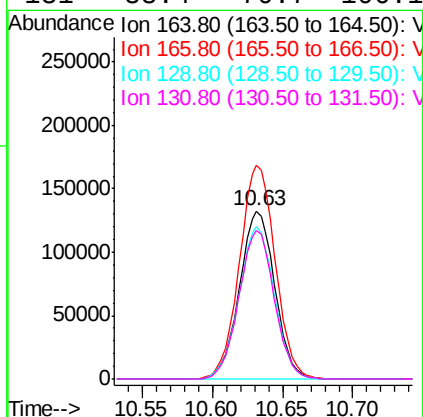
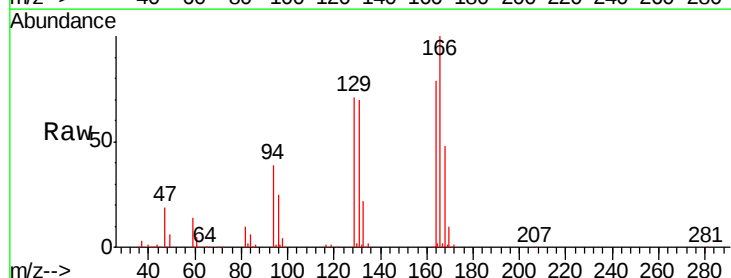
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

Tgt Ion:117 Resp: 1117504
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 19.173 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion:164 Resp: 232085
Ion Ratio Lower Upper
164 100
166 127.1 102.9 154.3
129 90.3 73.7 110.5
131 88.4 70.7 106.1

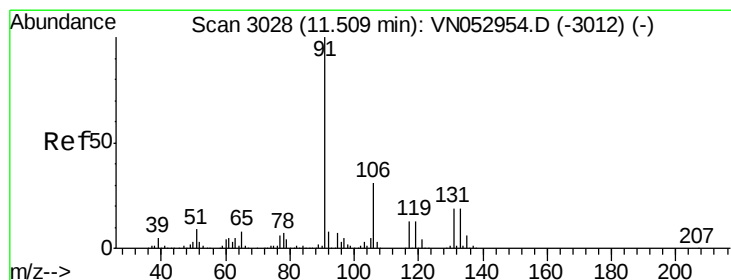
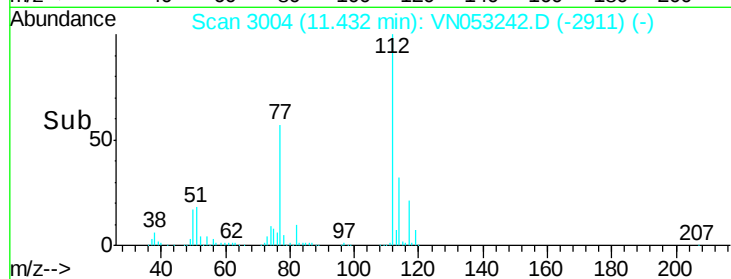
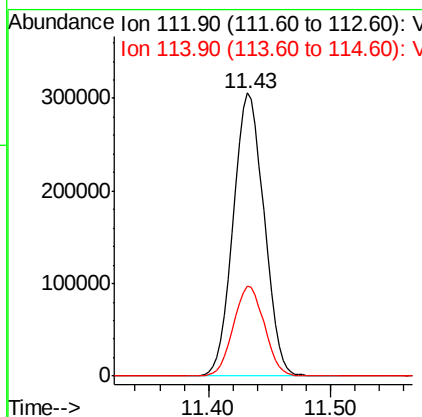
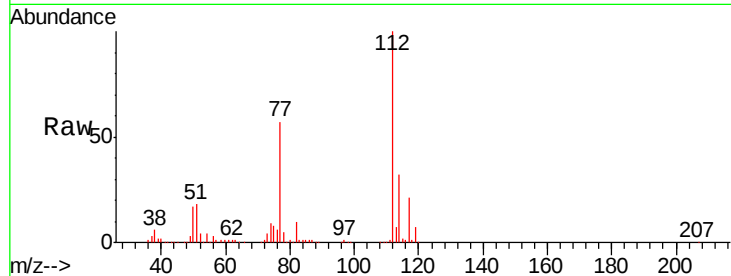




#65
Chlorobenzene
Concen: 21.677 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

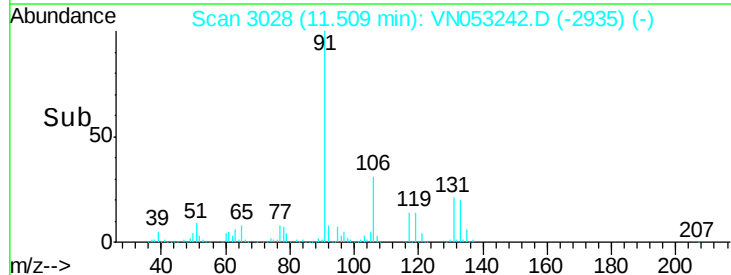
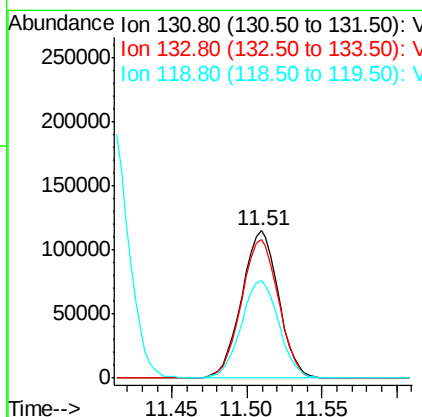
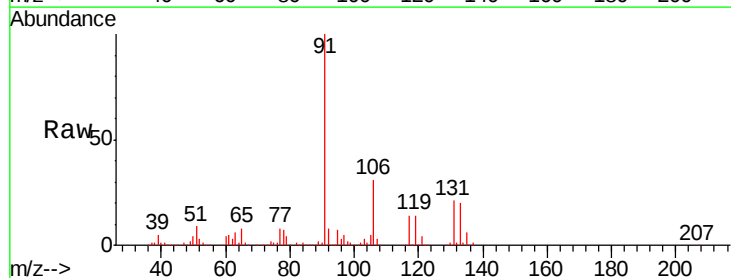
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

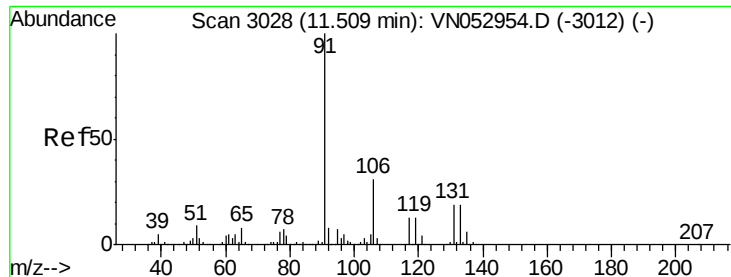
Tgt Ion:112 Resp: 536980
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.889 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion:131 Resp: 197176
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 67.7 33.3 99.8

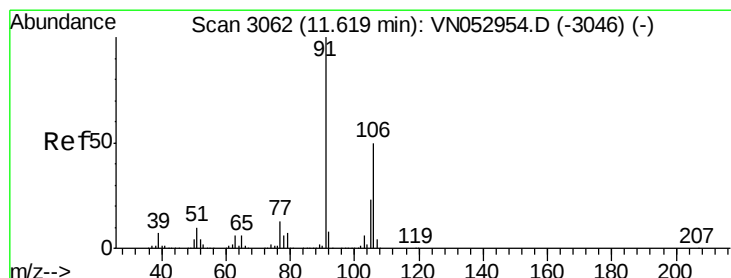
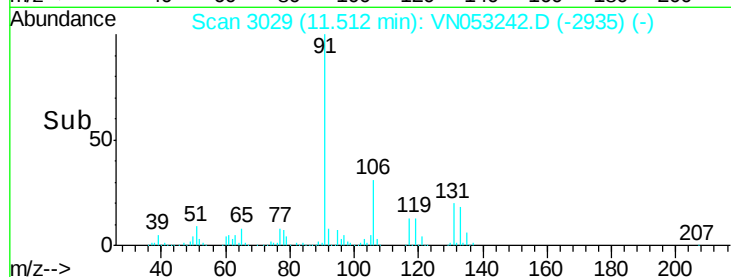
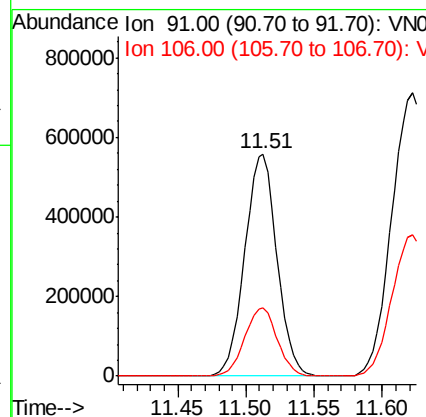
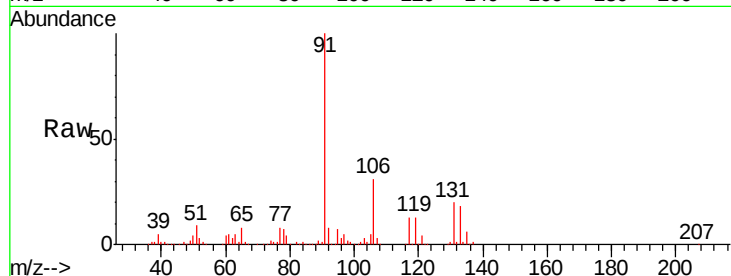




#67
Ethyl Benzene
Concen: 21.448 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

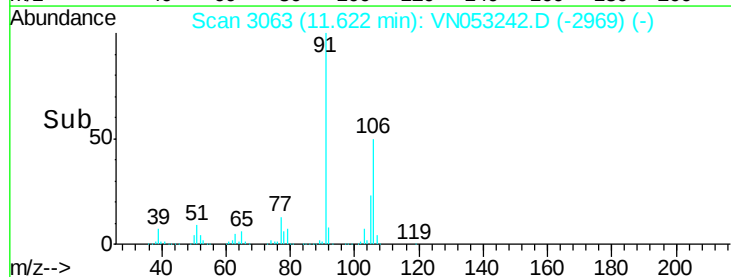
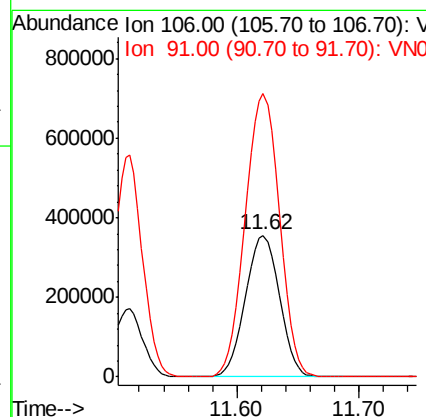
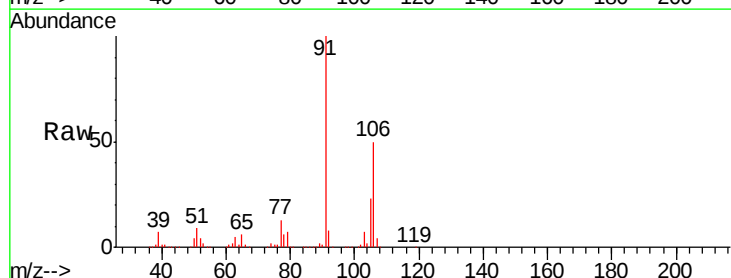
Instrument :
MSVOA_N
ClientSampled :
VN0102WBS02

Tgt Ion: 91 Resp: 913707
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3



#68
m/p-Xylenes
Concen: 42.274 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion: 106 Resp: 684627
Ion Ratio Lower Upper
106 100
91 201.3 162.2 243.4

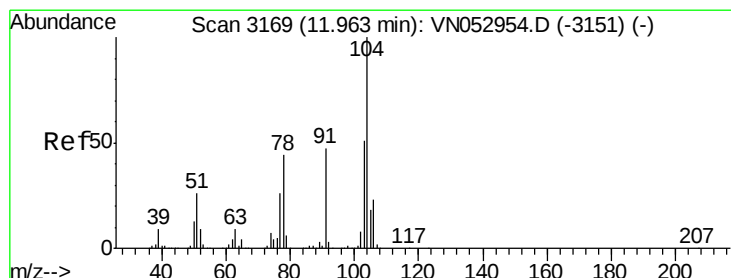
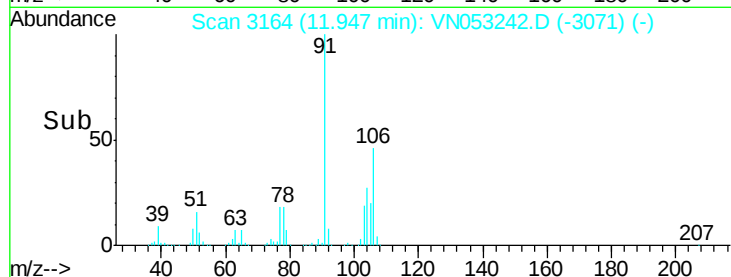
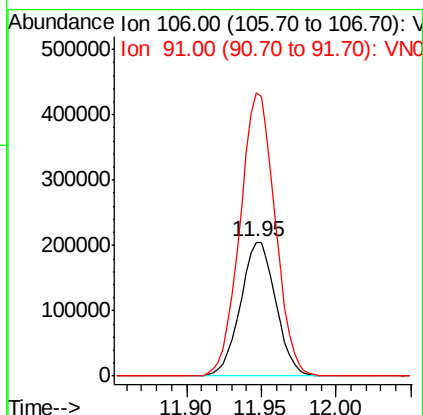
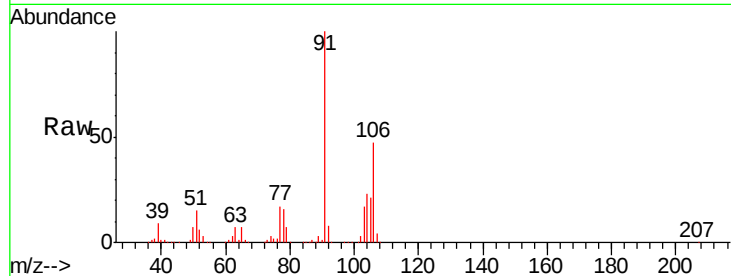




#69
o-Xylene
Concen: 21.637 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

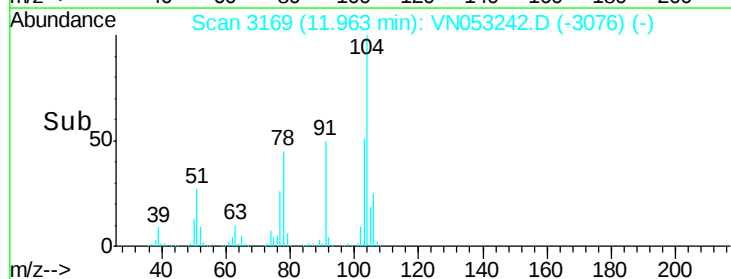
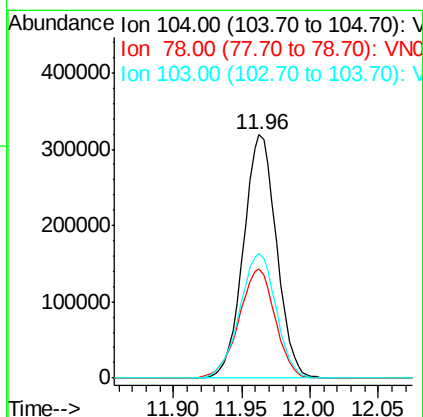
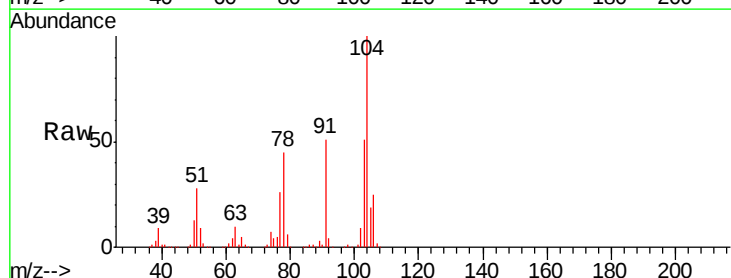
Instrument :
MSVOA_N
ClientSampled :
VN0102WBS02

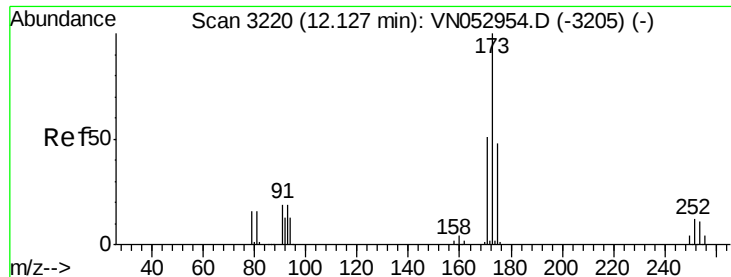
Tgt Ion:106 Resp: 336248
Ion Ratio Lower Upper
106 100
91 210.7 106.6 319.8



#70
Styrene
Concen: 21.162 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion:104 Resp: 536268
Ion Ratio Lower Upper
104 100
78 49.1 38.9 58.3
103 56.4 44.3 66.5





#71

Bromoform

Concen: 21.027 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

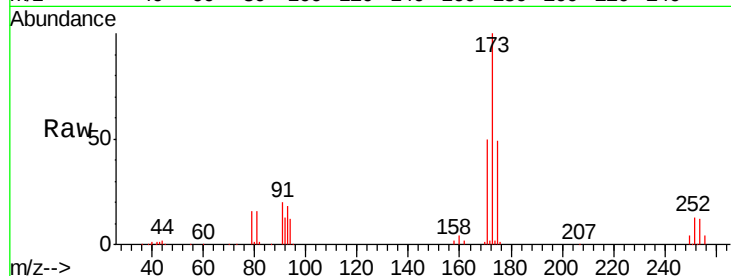
Tgt Ion:173 Resp: 130856

Ion Ratio Lower Upper

173 100

175 48.7 24.3 72.9

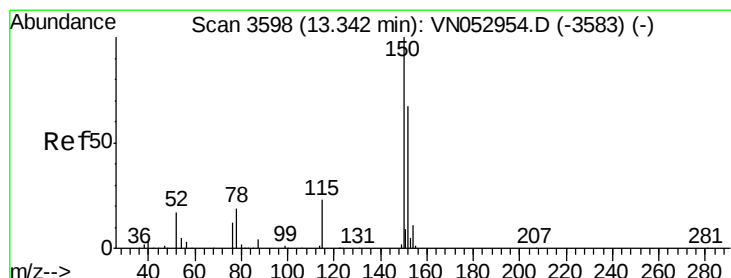
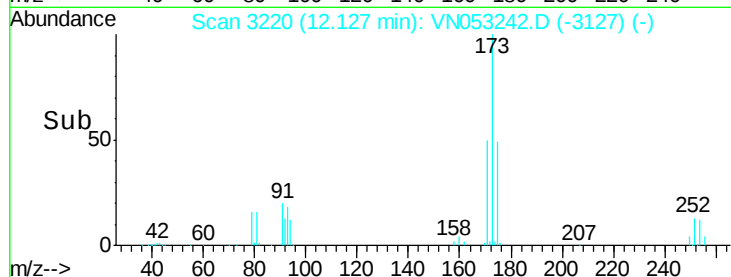
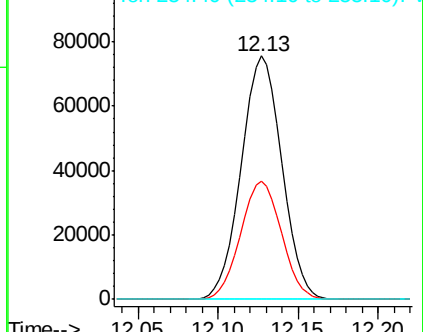
254 0.0 0.1 0.1#



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: VN053242.D

Acq: 2 Jan 2019 12:25

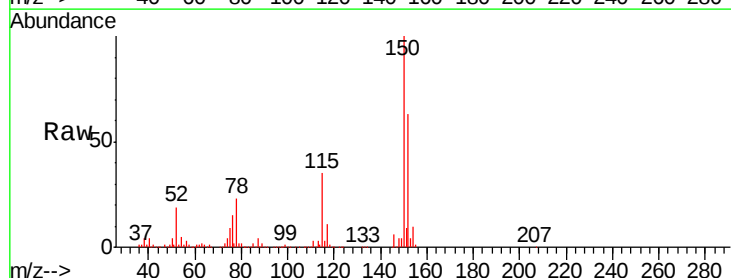
Tgt Ion:152 Resp: 486965

Ion Ratio Lower Upper

152 100

115 56.2 28.3 85.0

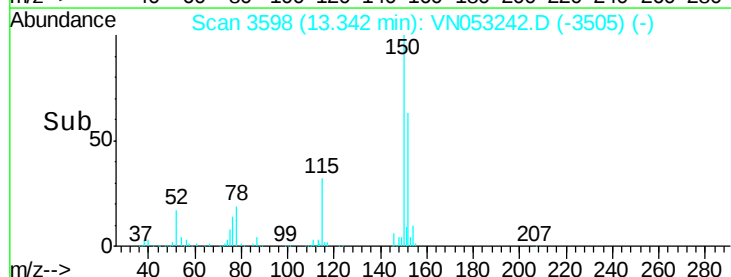
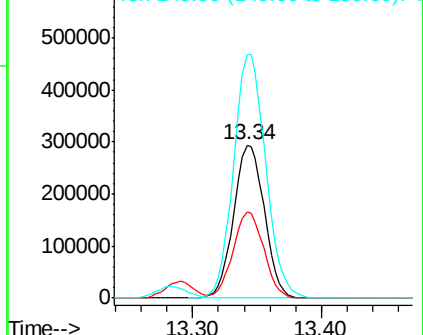
150 166.5 0.0 347.8

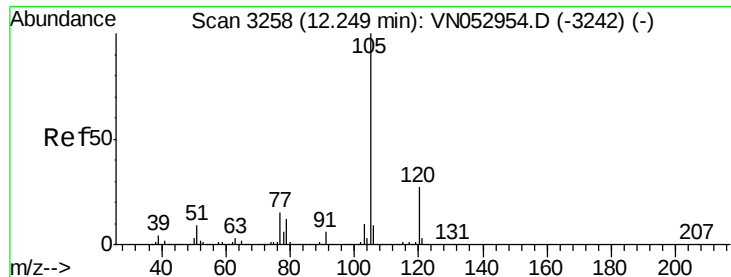


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 23.227 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

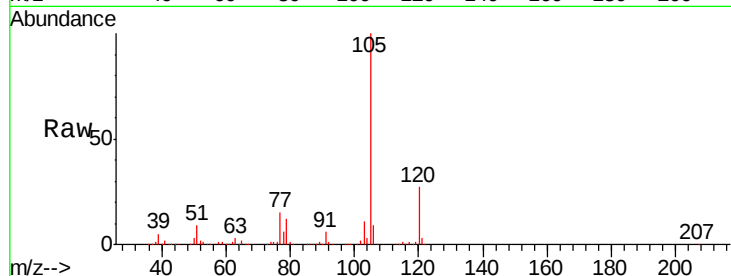
VN0102WBS02

Tgt Ion:105 Resp: 884953

Ion Ratio Lower Upper

105 100

120 27.0 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

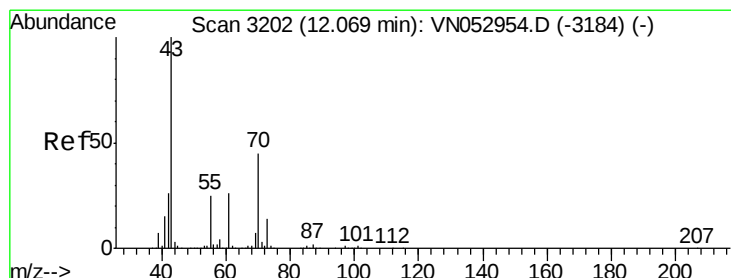
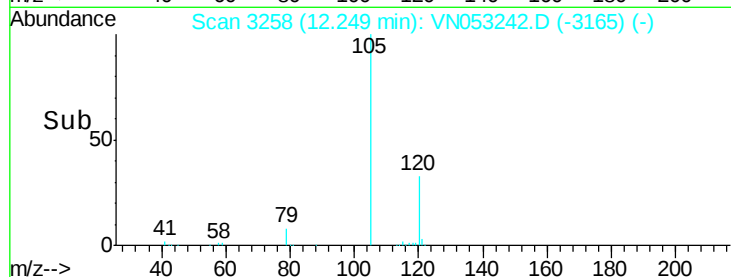
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 21.669 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Tgt Ion: 43 Resp: 229214

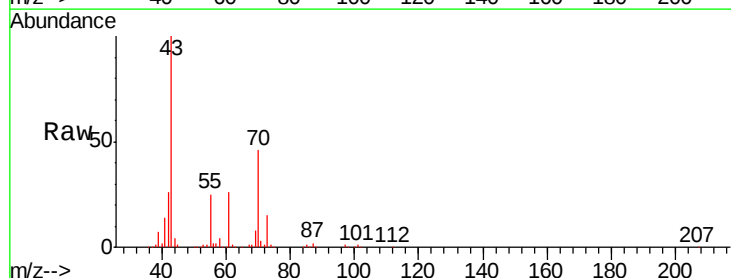
Ion Ratio Lower Upper

43 100

70 44.9 34.2 51.4

55 25.8 20.3 30.5

61 25.3 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

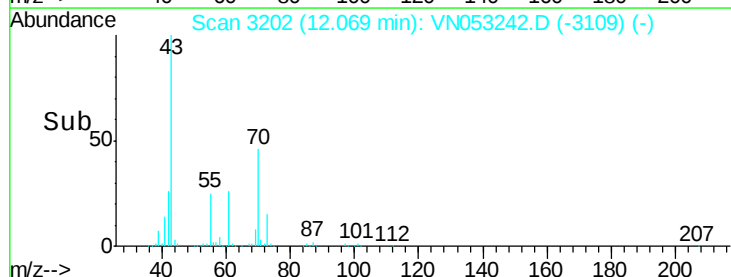
150000

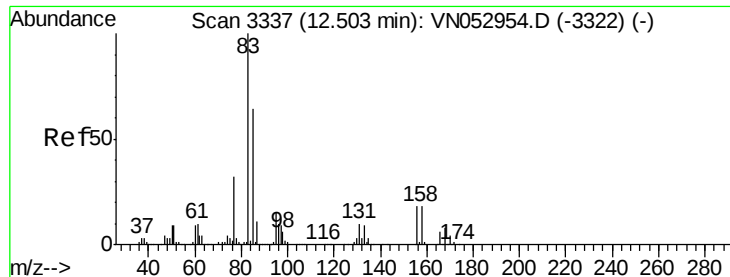
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 26.432 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

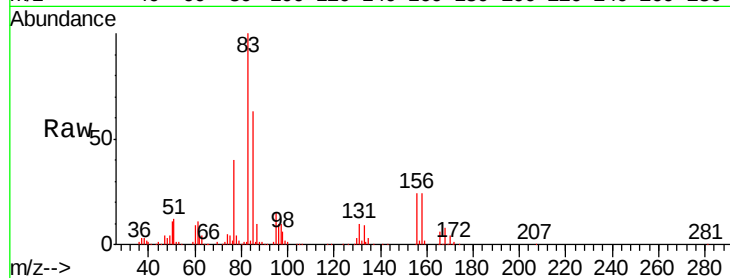
Tgt Ion: 83 Resp: 197576

Ion Ratio Lower Upper

83 100

131 10.3 5.2 15.6

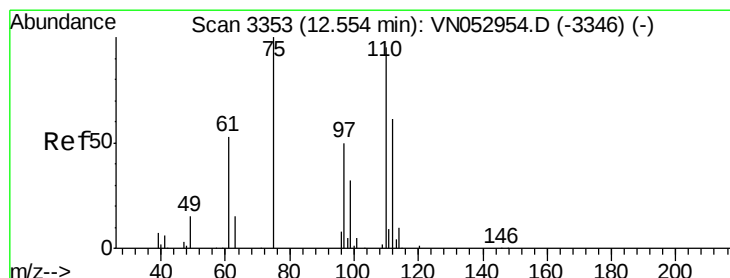
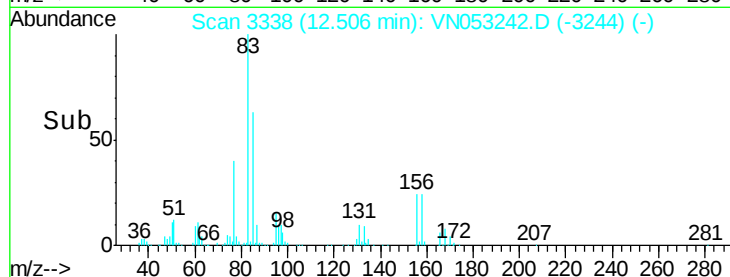
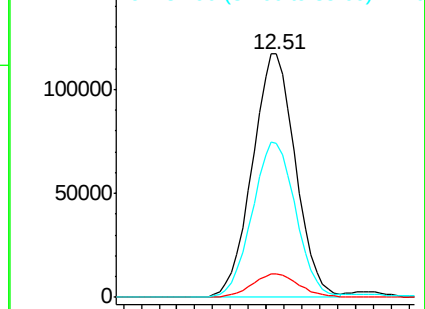
85 64.3 32.4 97.0



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: 30.608 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053242.D

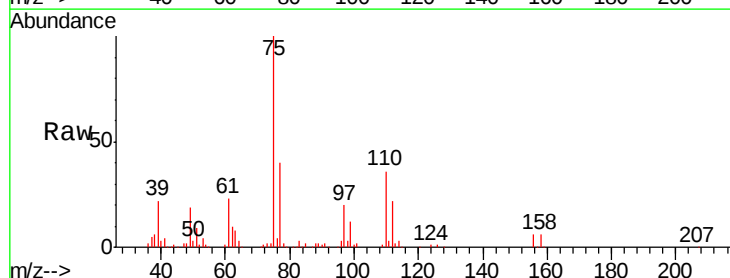
Acq: 2 Jan 2019 12:25

Tgt Ion: 75 Resp: 250910

Ion Ratio Lower Upper

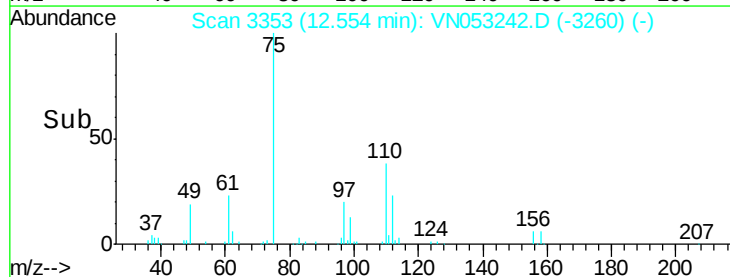
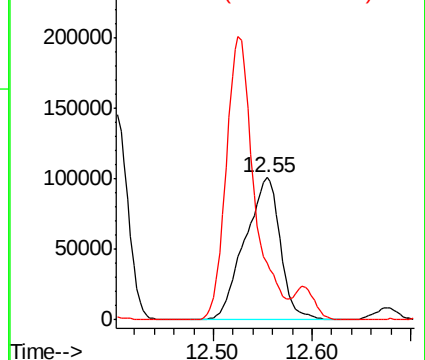
75 100

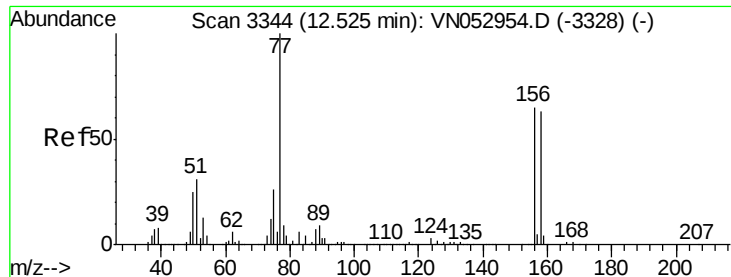
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 22.647 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

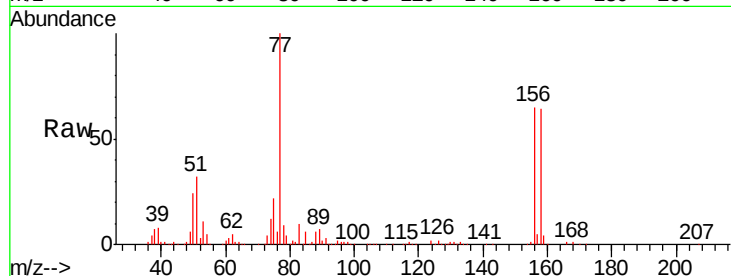
Tgt Ion:156 Resp: 224295

Ion Ratio Lower Upper

156 100

77 180.2 91.3 273.8

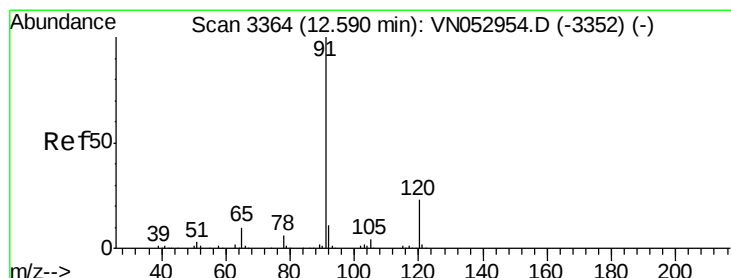
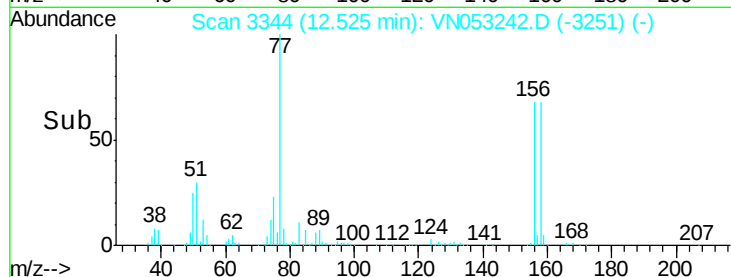
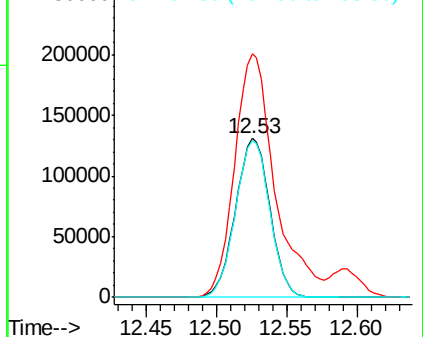
158 98.5 49.0 147.2



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: 22.658 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053242.D

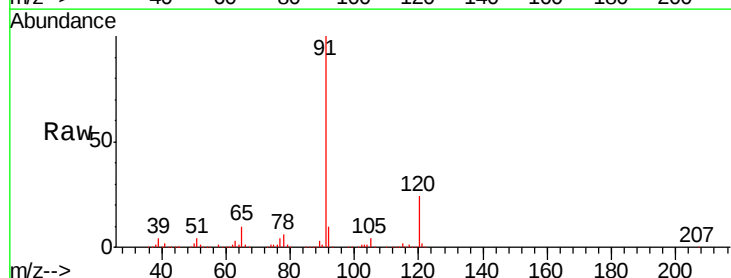
Acq: 2 Jan 2019 12:25

Tgt Ion: 91 Resp: 983212

Ion Ratio Lower Upper

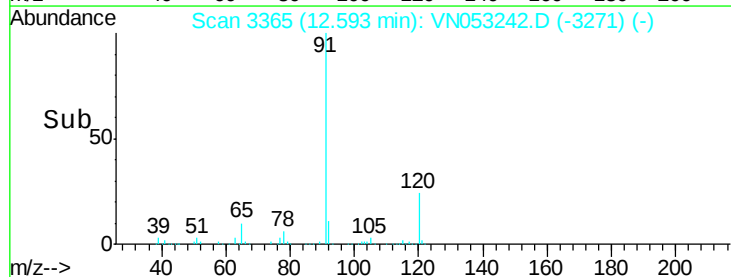
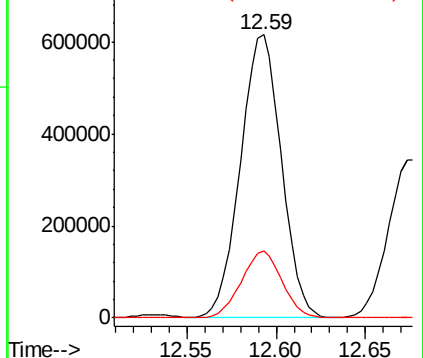
91 100

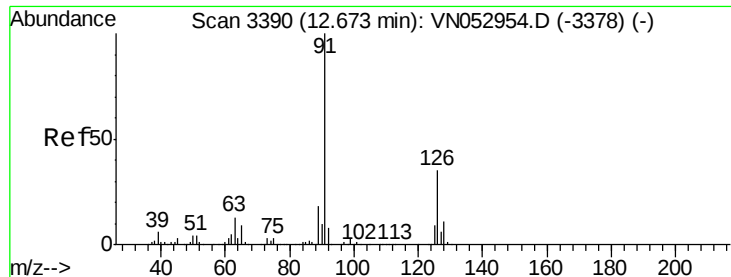
120 23.5 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.538 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

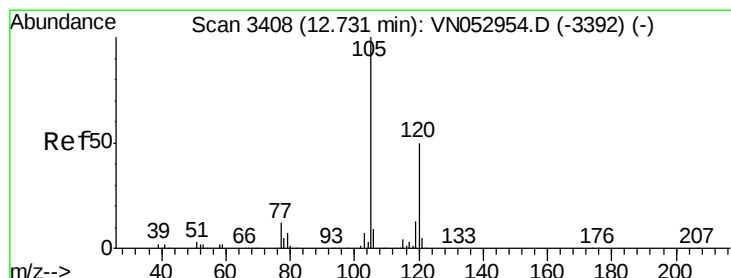
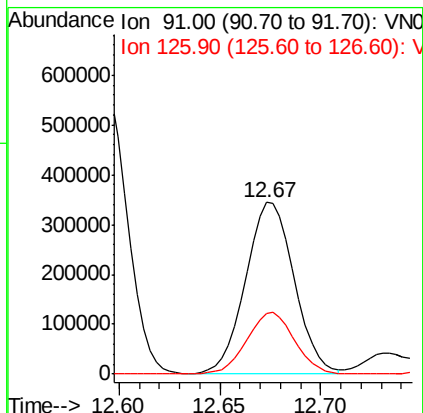
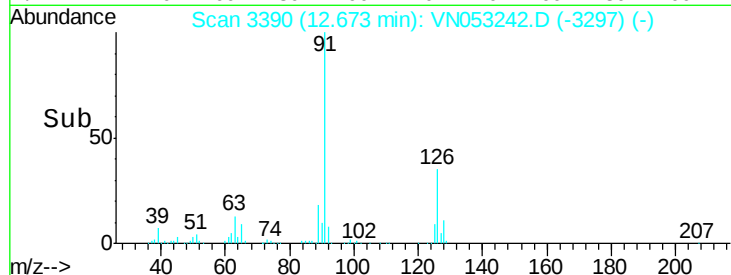
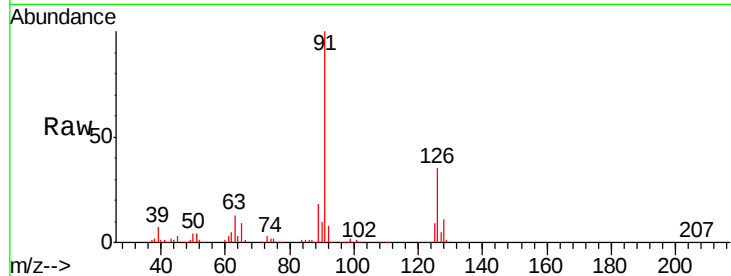
VN0102WBS02

Tgt Ion: 91 Resp: 579304

Ion Ratio Lower Upper

91 100

126 35.3 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 22.321 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053242.D

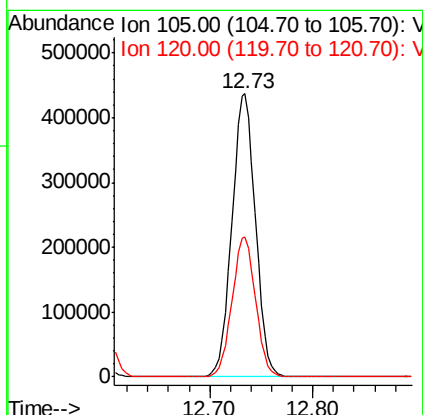
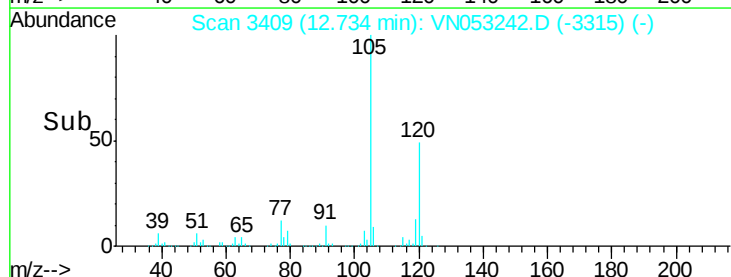
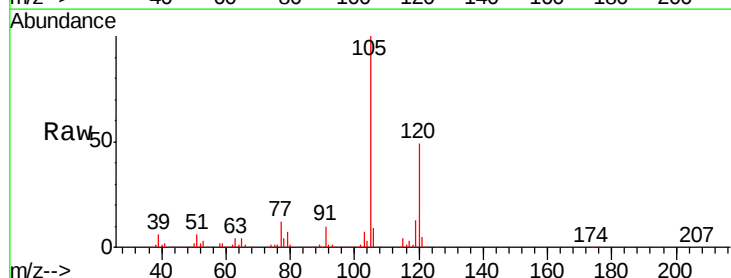
Acq: 2 Jan 2019 12:25

Tgt Ion: 105 Resp: 693194

Ion Ratio Lower Upper

105 100

120 49.3 24.4 73.2





#81

trans-1,4-Dichloro-2-butene

Concen: 21.425 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053242.D

Acq: 2 Jan 2019 12:25

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS02

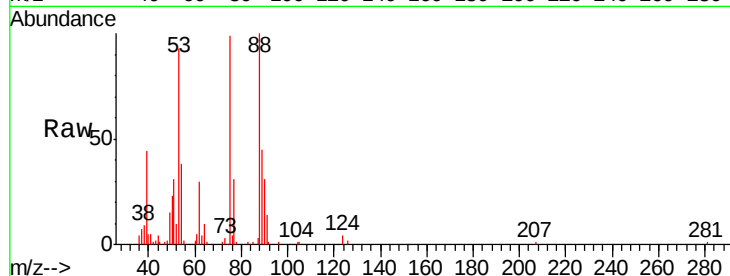
Tgt Ion: 75 Resp: 54492

Ion Ratio Lower Upper

75 100

53 92.6 74.7 112.1

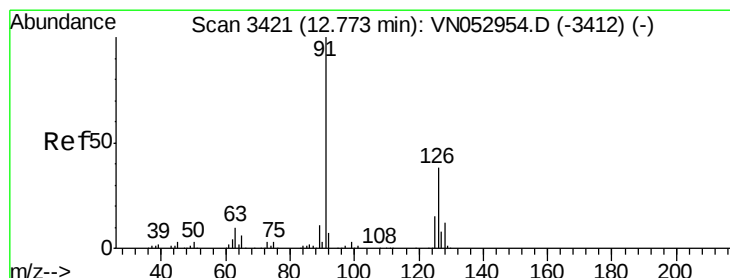
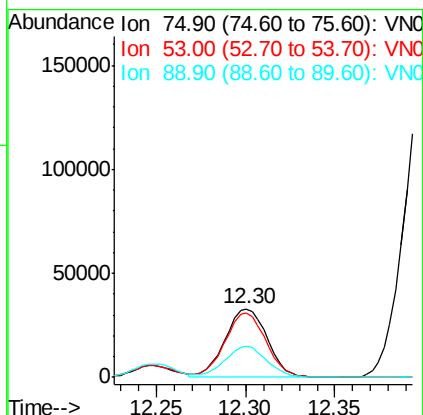
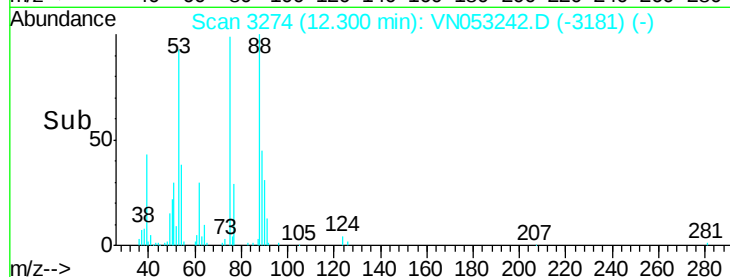
89 44.8 36.1 54.1



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: 22.130 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053242.D

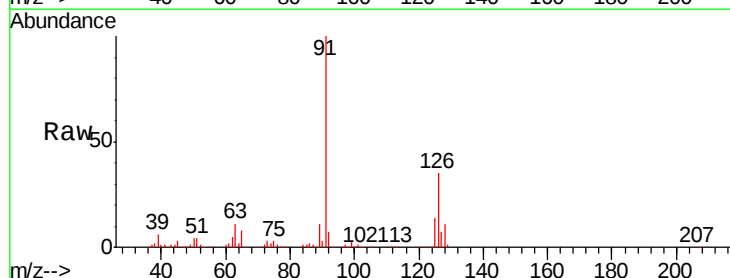
Acq: 2 Jan 2019 12:25

Tgt Ion: 91 Resp: 582678

Ion Ratio Lower Upper

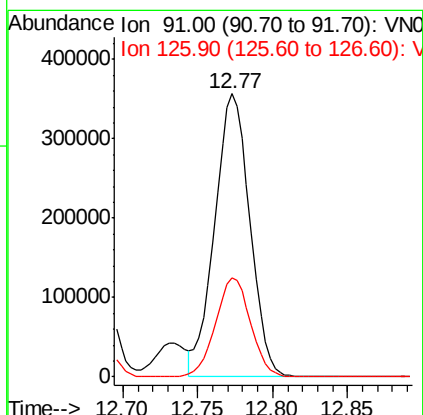
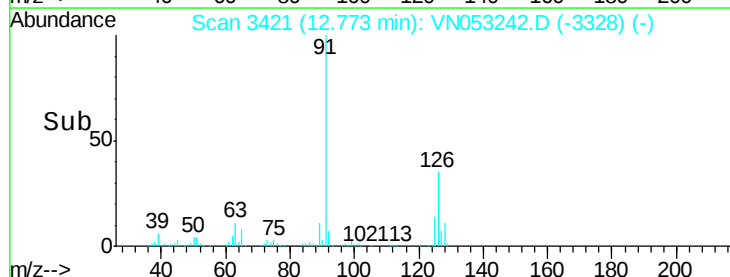
91 100

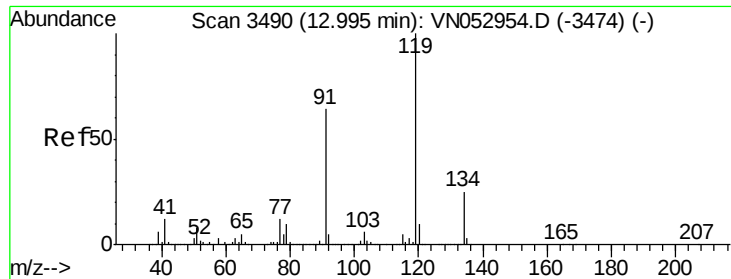
126 34.8 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

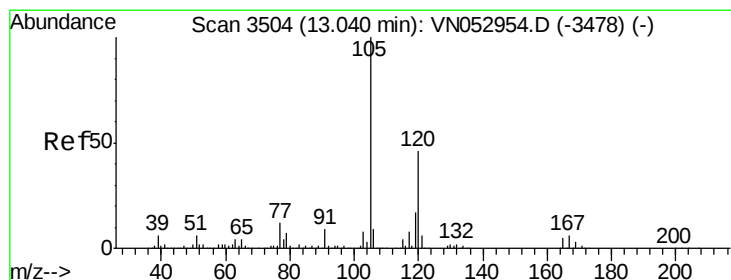
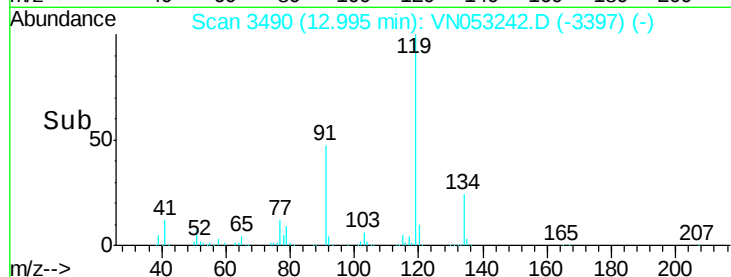
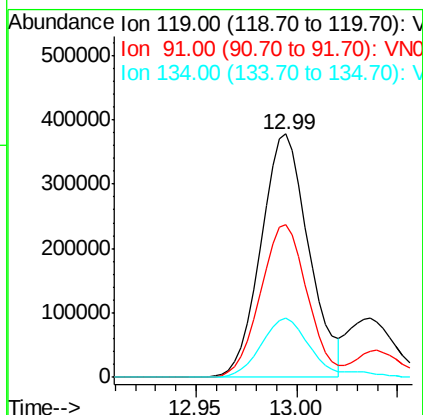
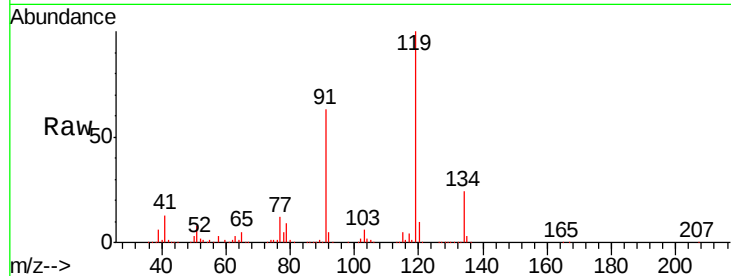




#83
 tert-Butylbenzene
 Concen: 22.651 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

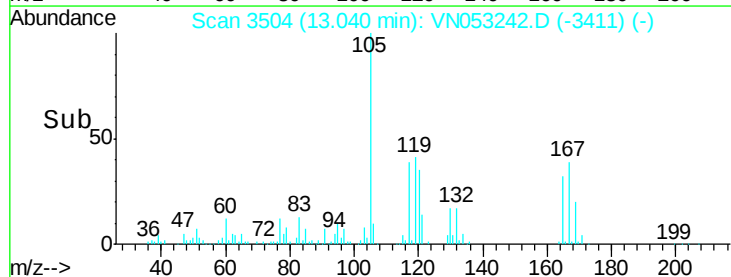
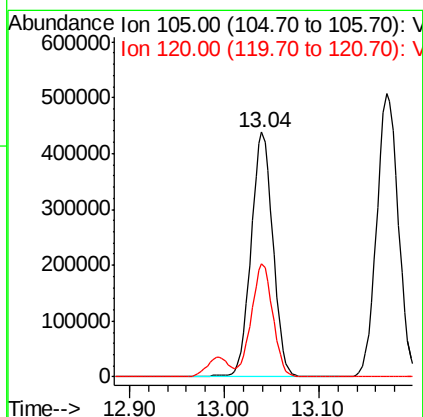
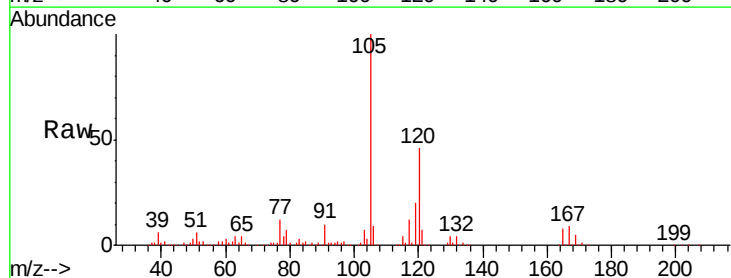
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

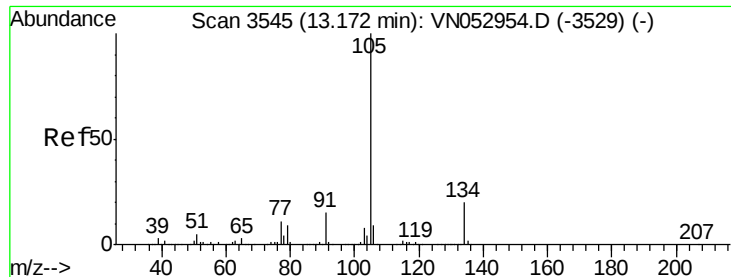
Tgt Ion:119 Resp: 622126
 Ion Ratio Lower Upper
 119 100
 91 62.1 31.9 95.5
 134 25.8 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.525 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion:105 Resp: 703231
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.8

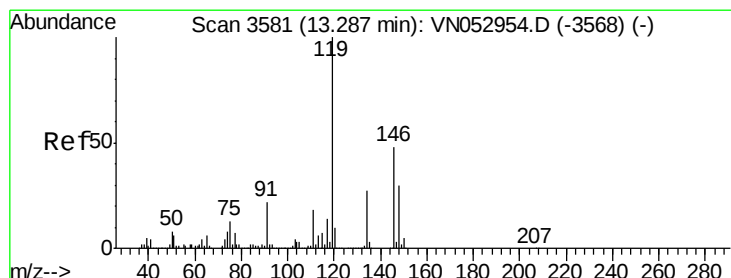
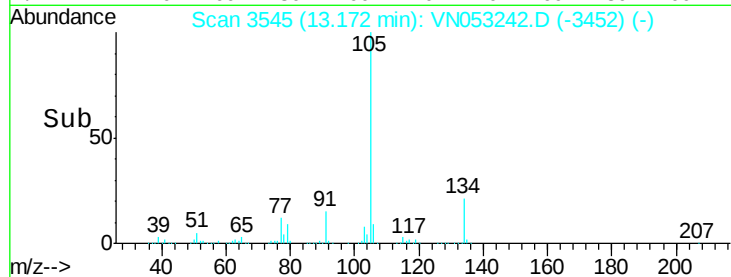
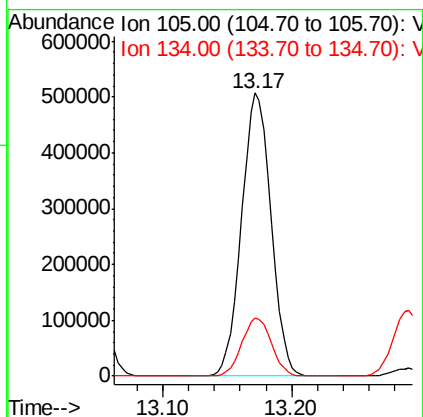
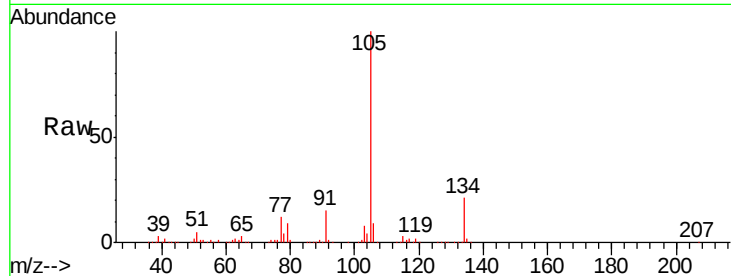




#85
 sec-Butylbenzene
 Concen: 21.685 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

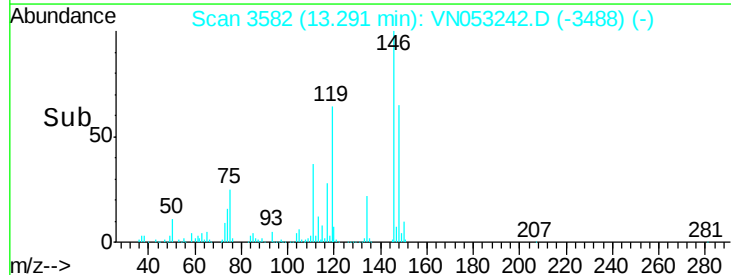
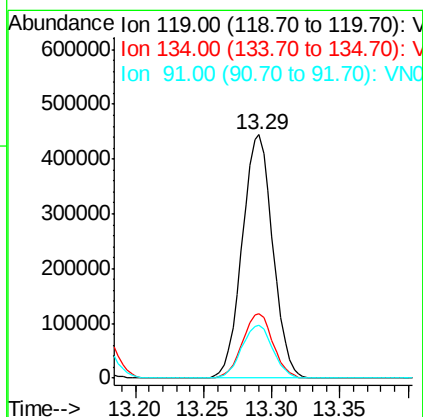
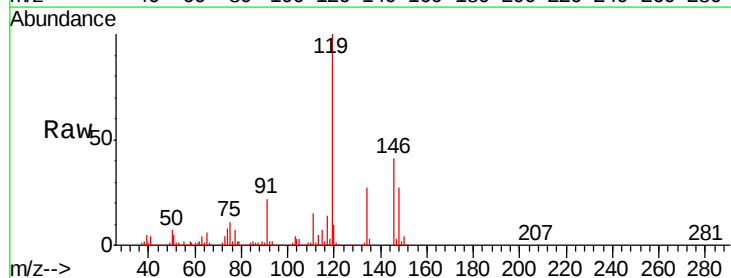
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

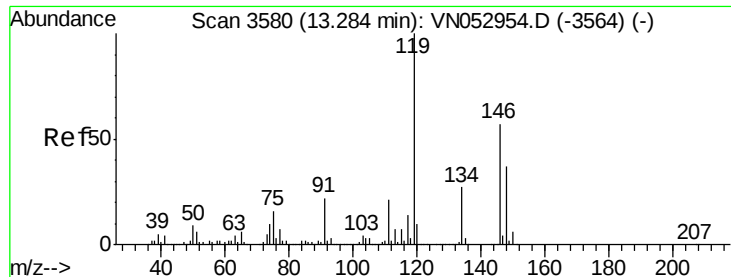
Tgt Ion:105 Resp: 805614
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 21.432 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion:119 Resp: 687996
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.4 40.2
 91 22.1 11.1 33.3

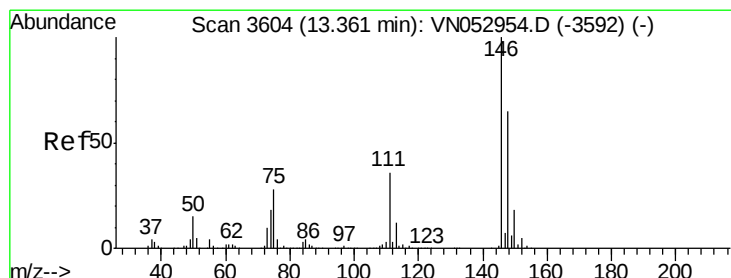
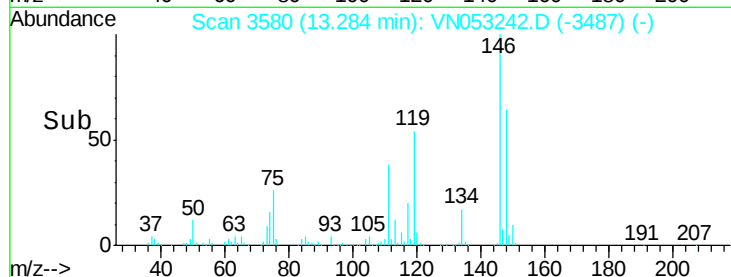
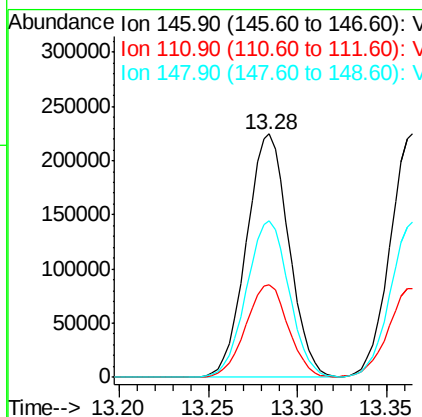
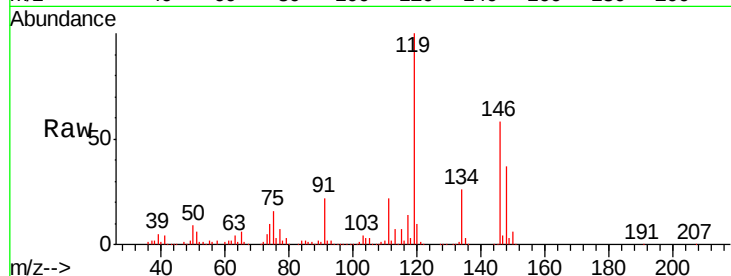




#87
 1,3-Dichlorobenzene
 Concen: 21.321 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

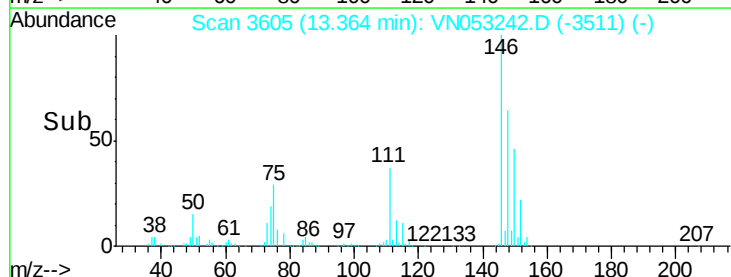
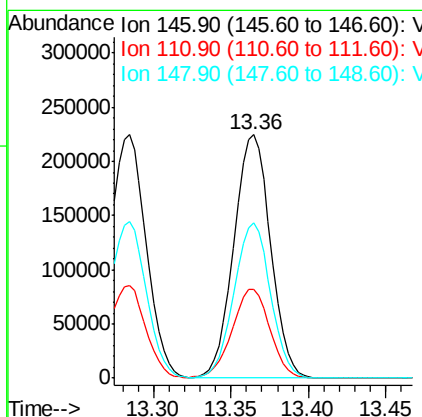
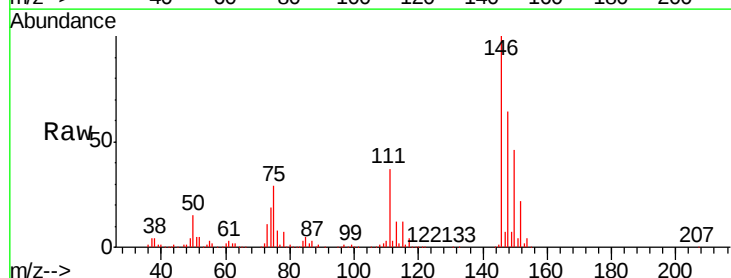
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS02

Tgt Ion:146 Resp: 373727
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.1
 148 64.5 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.861 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion:146 Resp: 370318
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.6 55.8
 148 63.3 32.1 96.5

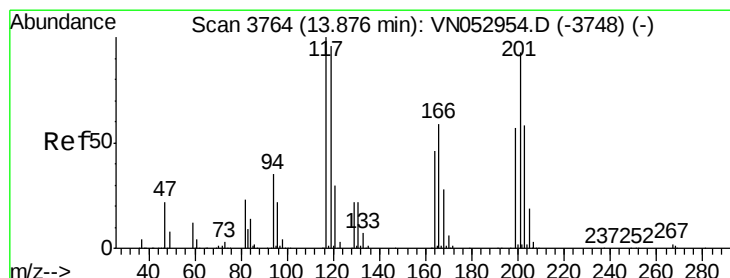
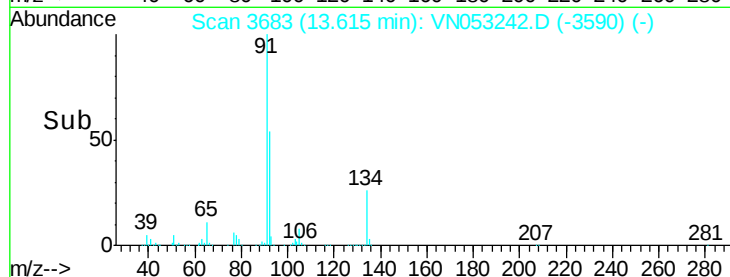
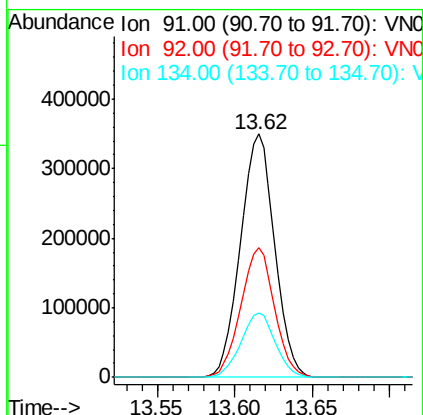
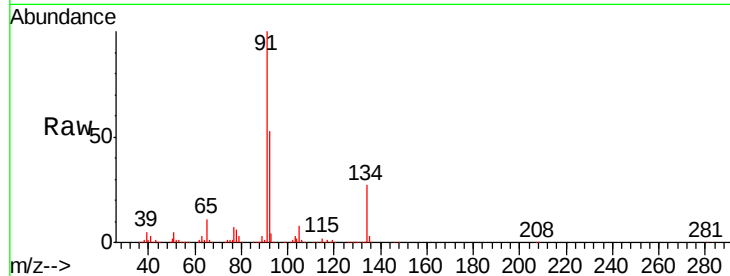




#89
n-Butylbenzene
Concen: 19.448 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

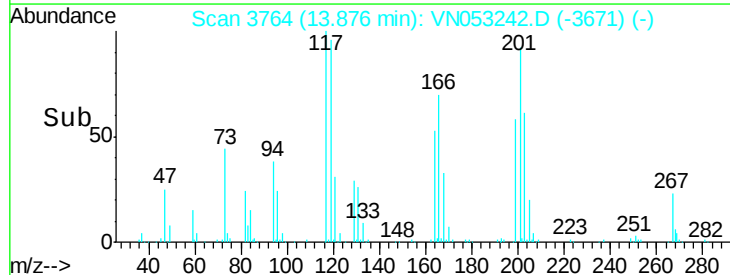
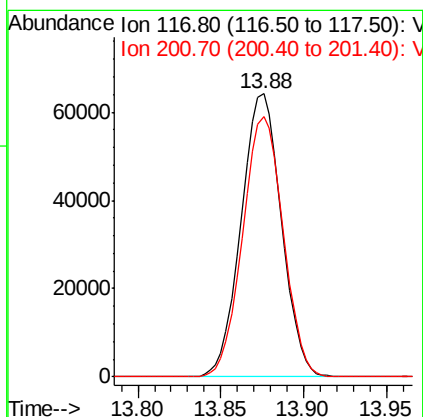
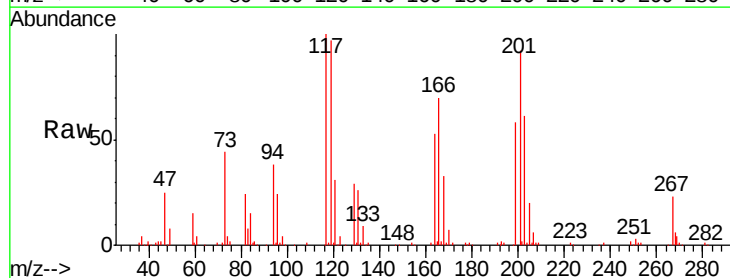
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS02

Tgt Ion: 91 Resp: 537093
Ion Ratio Lower Upper
91 100
92 52.6 26.3 78.9
134 26.6 13.3 39.8



#90
Hexachloroethane
Concen: 22.020 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion: 117 Resp: 108471
Ion Ratio Lower Upper
117 100
201 92.4 45.7 137.1

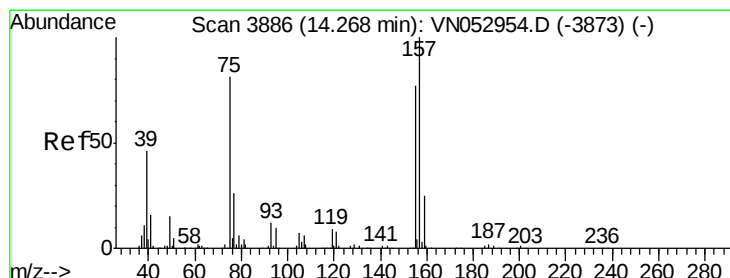
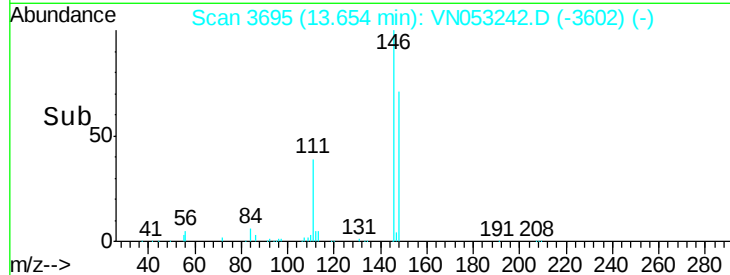
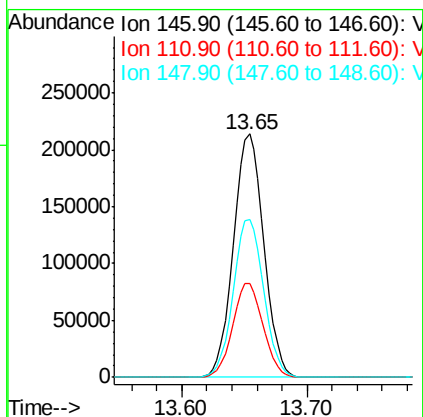
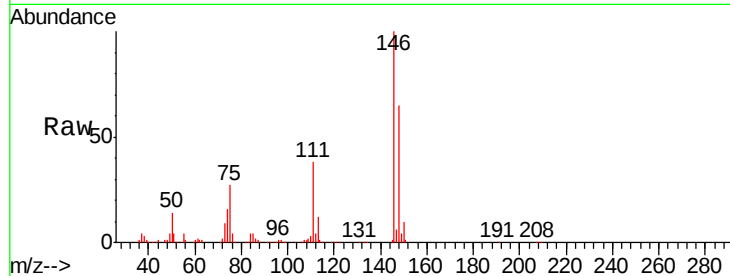




#91
 1,2-Dichlorobenzene
 Concen: 21.796 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

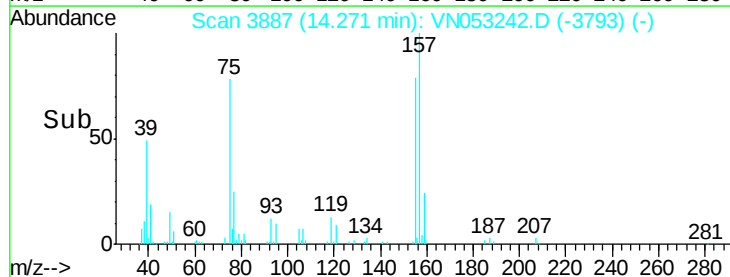
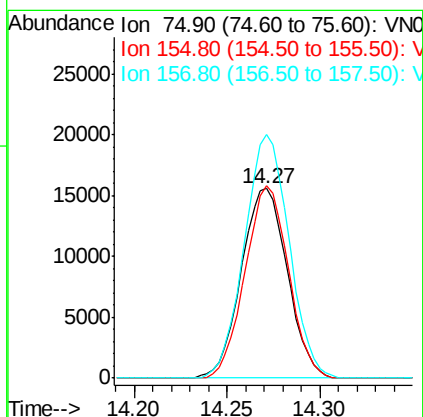
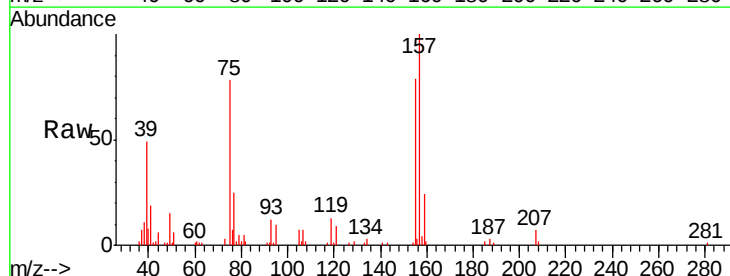
Instrument :
 MSVOA_N
 ClientSampled :
 VN0102WBS02

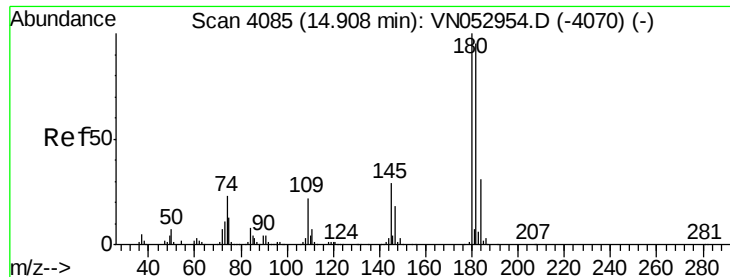
Tgt Ion:146 Resp: 359574
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.7 59.0
 148 64.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.796 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion: 75 Resp: 26878
 Ion Ratio Lower Upper
 75 100
 155 95.2 48.2 144.6
 157 124.5 61.2 183.5

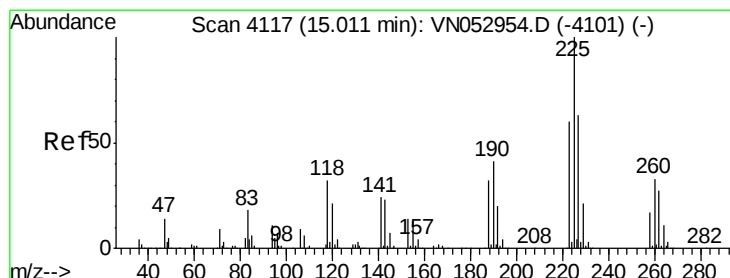
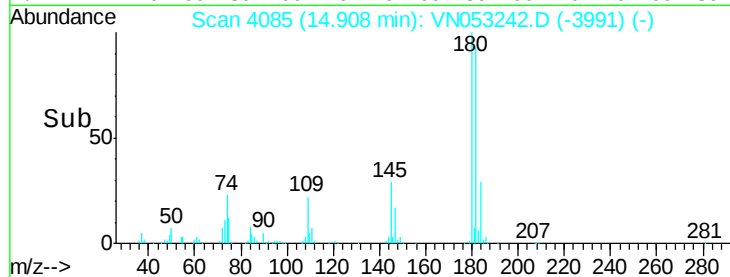
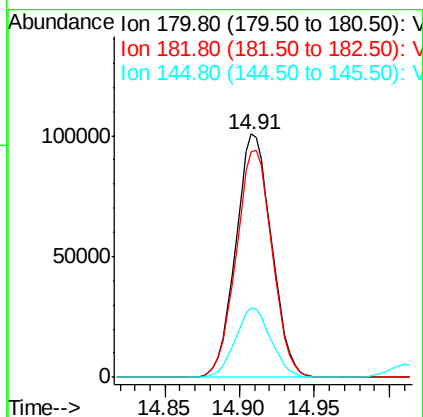
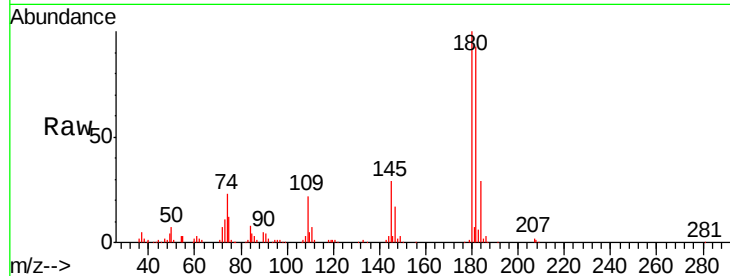




#93
 1,2,4-Trichlorobenzene
 Concen: 19.503 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

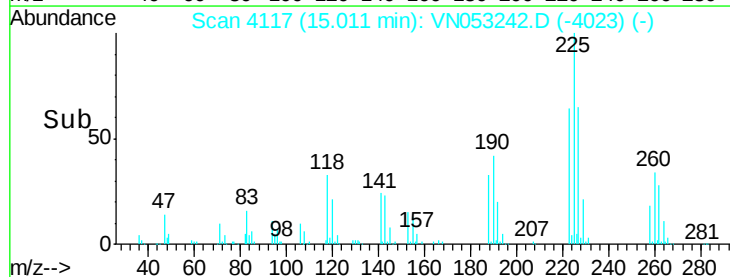
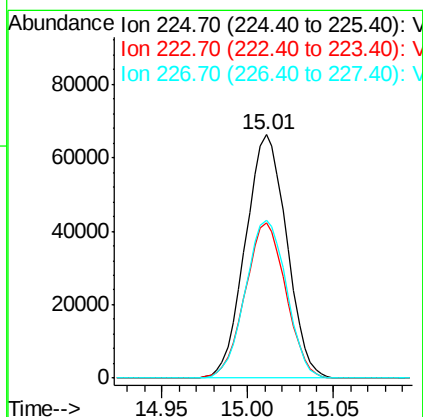
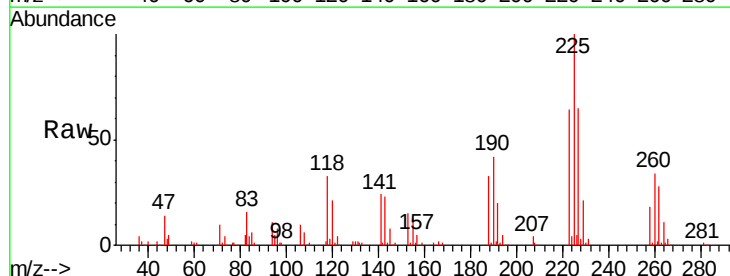
Instrument :
 MSVOA_N
 ClientSampled :
 VN0102WBS02

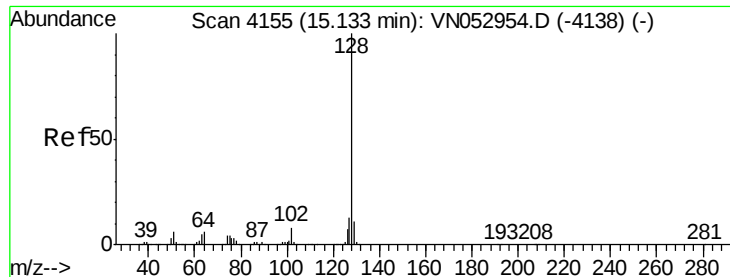
Tgt Ion:180 Resp: 167251
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.8 143.3
 145 28.4 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 22.887 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053242.D
 Acq: 2 Jan 2019 12:25

Tgt Ion:225 Resp: 110621
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.5 94.5
 227 64.5 31.9 95.7

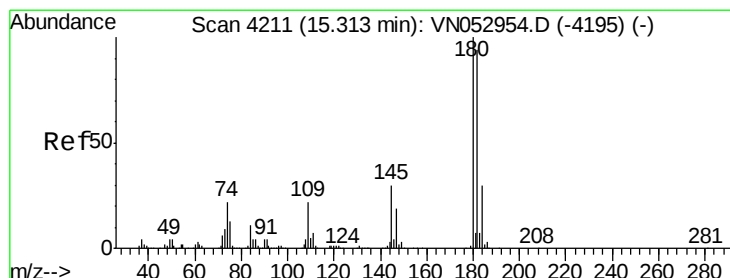
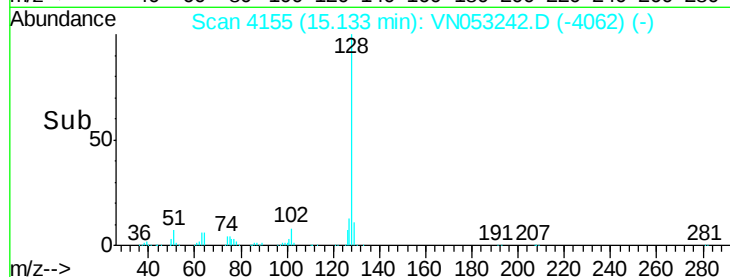
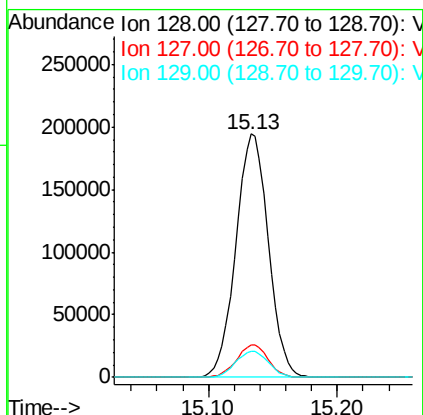
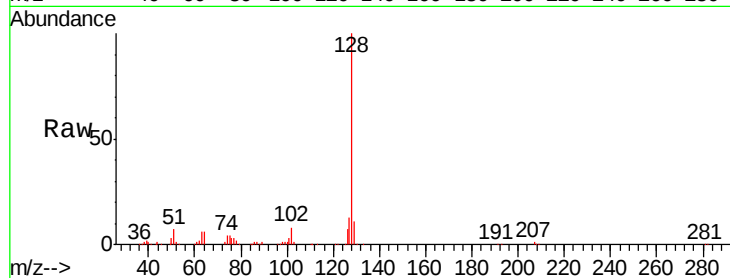




#95
Naphthalene
Concen: 18.517 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Instrument :
MSVOA_N
ClientSampled :
VN0102WBS02

Tgt Ion:128 Resp: 340384
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.395 ug/l
RT: 15.32 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN053242.D
Acq: 2 Jan 2019 12:25

Tgt Ion:180 Resp: 150185
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.7
145 31.4 15.0 45.0

