

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN010219\
 Data File : VN053240.D
 Acq On : 2 Jan 2019 11:31
 Operator : MD\SY
 Sample : VN0102WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

Quant Time: Jan 03 01:22:03 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	892497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1380248	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1172274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	501821	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	517083	57.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.18%	
35) Dibromofluoromethane	7.59	113	438335	69.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.04%	
50) Toluene-d8	10.09	98	1798274	53.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.26%	
62) 4-Bromofluorobenzene	12.40	95	586197	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	161080	17.833	ug/l	98
3) Chloromethane	2.06	50	198093	18.098	ug/l	97
4) Vinyl Chloride	2.19	62	209418	18.891	ug/l	99
5) Bromomethane	2.58	94	136354	17.753	ug/l	98
6) Chloroethane	2.71	64	127050	19.351	ug/l	98
7) Trichlorofluoromethane	3.03	101	288491	20.890	ug/l	99
8) Diethyl Ether	3.42	74	114529	21.983	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.77	101	183414	20.831	ug/l	97
10) Methyl Iodide	3.96	142	228907	18.512	ug/l	99
11) Tert butyl alcohol	4.78	59	59033	106.821	ug/l #	90
12) 1,1-Dichloroethene	3.74	96	175135	20.588	ug/l	98
13) Acrolein	3.61	56	50420	100.620	ug/l	98
14) Allyl chloride	4.33	41	273242	20.737	ug/l	97
15) Acrylonitrile	4.99	53	338599	110.288	ug/l	100
16) Acetone	3.82	43	233963	131.749	ug/l	97
17) Carbon Disulfide	4.06	76	456970	16.472	ug/l	100
18) Methyl Acetate	4.33	43	191945	24.334	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	506603	22.254	ug/l	99
20) Methylene Chloride	4.55	84	206271	21.294	ug/l	95
21) trans-1,2-Dichloroethene	5.05	96	186893	20.449	ug/l	99
22) Diisopropyl ether	5.95	45	641396	22.805	ug/l	99
23) Vinyl Acetate	5.90	43	1828396	113.052	ug/l	98
24) 1,1-Dichloroethane	5.85	63	365200	21.851	ug/l	100
25) 2-Butanone	6.84	43	358236	120.203	ug/l	100
26) 2,2-Dichloropropane	6.83	77	271309	21.266	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	222811	21.534	ug/l	99
28) Bromochloromethane	7.20	49	173484	23.955	ug/l	98
29) Tetrahydrofuran	7.21	42	250758	112.656	ug/l	99
30) Chloroform	7.37	83	359354	21.888	ug/l	100
31) Cyclohexane	7.66	56	321072	19.850	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	297049	21.239	ug/l	99
36) 1,1-Dichloropropene	7.80	75	266015	20.080	ug/l	99
37) Ethyl Acetate	6.93	43	162958	22.034	ug/l	100
38) Carbon Tetrachloride	7.77	117	254457	20.955	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	296738	18.438	ug/l	99
40) Benzene	8.04	78	820695	20.827	ug/l	98
41) Methacrylonitrile	7.17	41	97225	22.753	ug/l	96
42) 1,2-Dichloroethane	8.12	62	248324	21.332	ug/l	100
43) Isopropyl Acetate	8.17	43	302251	20.503	ug/l	98
44) Trichloroethene	8.84	130	222791	19.547	ug/l	99
45) 1,2-Dichloropropane	9.12	63	225176	21.938	ug/l	100
46) Dibromomethane	9.21	93	126602	21.173	ug/l	97
47) Bromodichloromethane	9.40	83	269218	21.182	ug/l	100
48) Methyl methacrylate	9.20	41	146720	20.444	ug/l	97
49) 1,4-Dioxane	9.20	88	33350	367.371	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	796951	111.273	ug/l	99
52) Toluene	10.16	92	494396	20.242	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	266036	19.905	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	316701	20.644	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	186305	21.864	ug/l	98
56) Ethyl methacrylate	10.43	69	236641	20.982	ug/l	95
57) 1,3-Dichloropropane	10.71	76	315705	21.606	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	664611	107.337	ug/l	99
59) 2-Hexanone	10.75	43	513236	105.914	ug/l	100
60) Dibromochloromethane	10.90	129	201437	20.652	ug/l	100
61) 1,2-Dibromoethane	11.01	107	178321	20.605	ug/l	100
64) Tetrachloroethene	10.63	164	237538	18.706	ug/l	99
65) Chlorobenzene	11.43	112	539893	20.776	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.51	131	199863	22.117	ug/l	99
67) Ethyl Benzene	11.51	91	914775	20.470	ug/l	99
68) m/p-Xylenes	11.62	106	684099	40.267	ug/l	99
69) o-Xylene	11.95	106	335623	20.588	ug/l	100
70) Styrene	11.96	104	543491	20.445	ug/l	99
71) Bromoform	12.13	173	134332	20.577	ug/l #	98
73) Isopropylbenzene	12.25	105	888252	22.623	ug/l	99
74) N-amyl acetate	12.07	43	233316	21.403	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	201967	26.220	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	255984	30.302	ug/l #	100
77) Bromobenzene	12.53	156	226437	22.186	ug/l	97
78) n-propylbenzene	12.59	91	970113	21.694	ug/l	99
79) 2-Chlorotoluene	12.67	91	581905	20.994	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	683690	21.363	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	55502	21.176	ug/l	98
82) 4-Chlorotoluene	12.77	91	579583	21.361	ug/l	100
83) tert-Butylbenzene	12.99	119	618291	21.845	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	690214	21.454	ug/l	99
85) sec-Butylbenzene	13.17	105	794772	20.760	ug/l	100
86) p-Isopropyltoluene	13.29	119	669979	20.253	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	369658	20.464	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	363376	19.864	ug/l	100
89) n-Butylbenzene	13.62	91	518712	18.227	ug/l	100
90) Hexachloroethane	13.88	117	106916	21.061	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	350381	20.610	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	26795	20.118	ug/l	99

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Quant Title : SW846 8260
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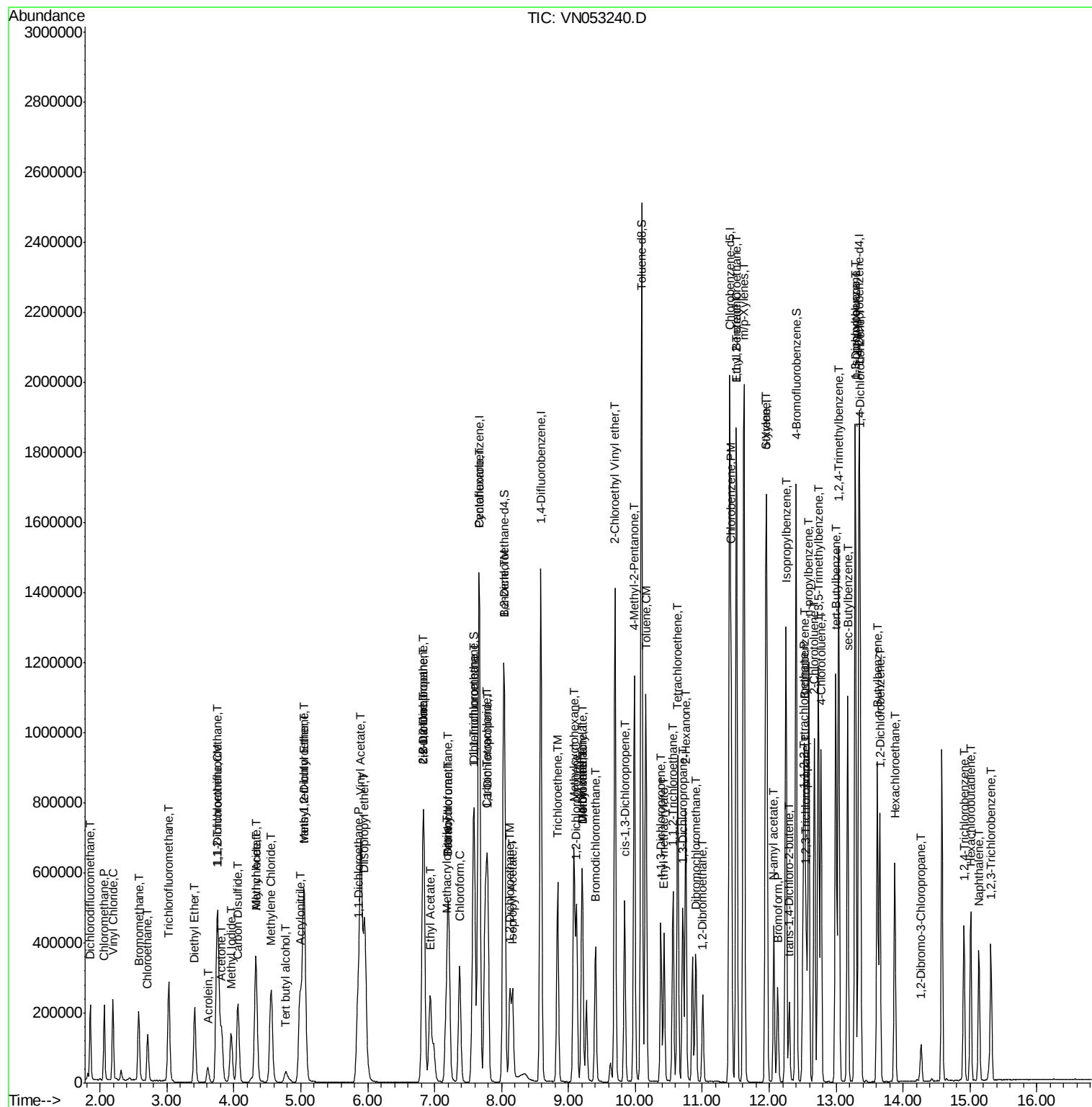
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	156777	17.795	ug/l	99
94) Hexachlorobutadiene	15.01	225	104195	20.657	ug/l	99
95) Naphthalene	15.13	128	325974	17.289	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	143531	18.024	ug/l	98

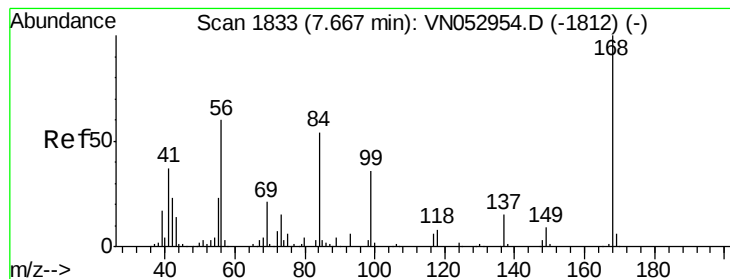
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

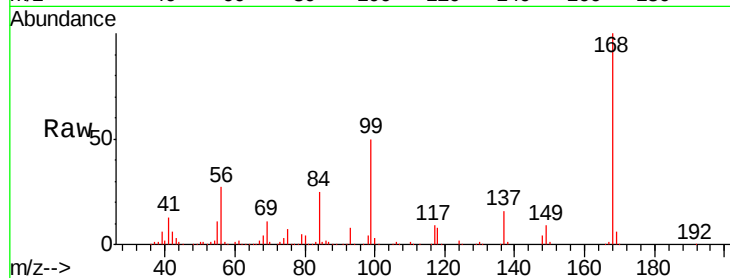
VN0102WBS01

Tgt Ion:168 Resp: 892497

Ion Ratio Lower Upper

168 100

99 49.9 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN053240.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053240.D (-1740) (-)

7.67

400000

300000

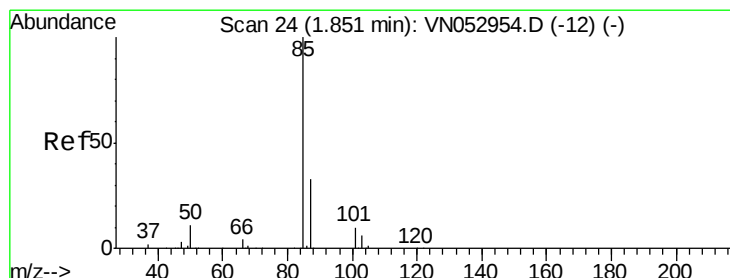
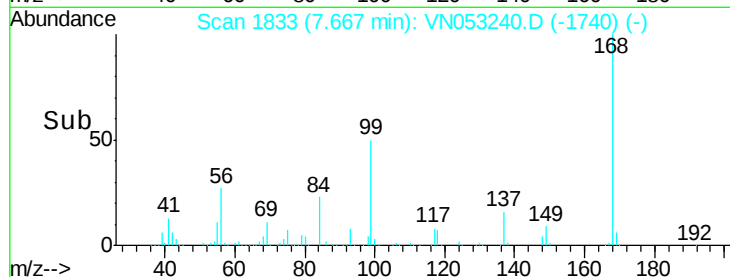
200000

100000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 17.833 ug/l

RT: 1.85 min Scan# 25

Delta R.T. 0.00 min

Lab File: VN053240.D

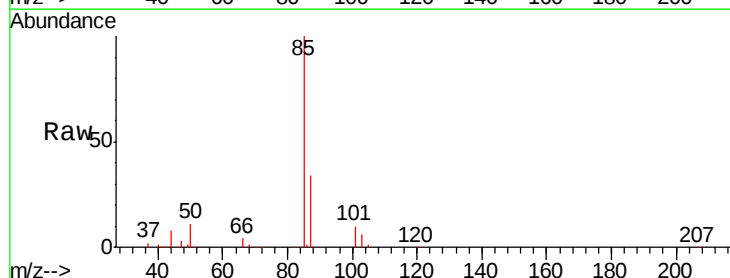
Acq: 2 Jan 2019 11:31

Tgt Ion: 85 Resp: 161080

Ion Ratio Lower Upper

85 100

87 33.8 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VN053240.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN053240.D (-1) (-)

1.85

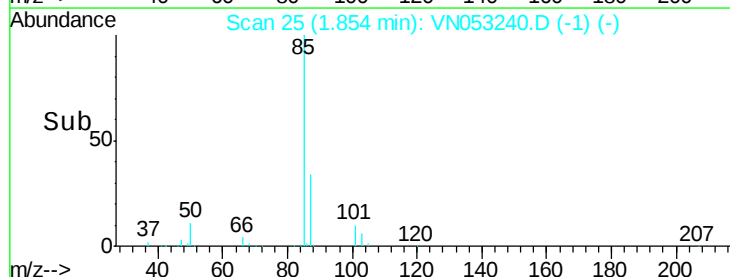
100000

50000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.098 ug/l

RT: 2.06 min Scan# 90

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

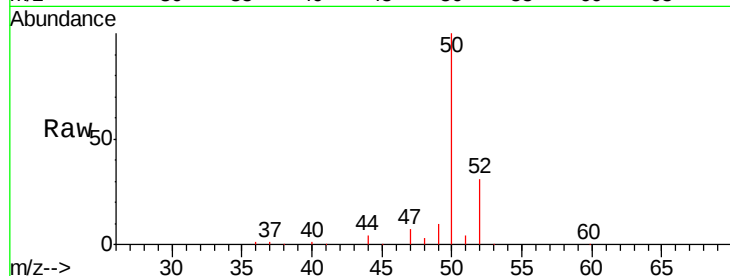
VN0102WBS01

Tgt Ion: 50 Resp: 198093

Ion Ratio Lower Upper

50 100

52 30.9 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

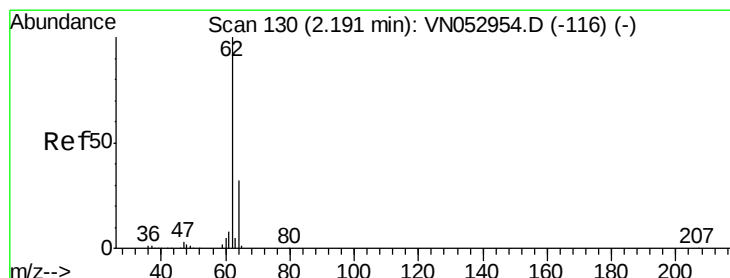
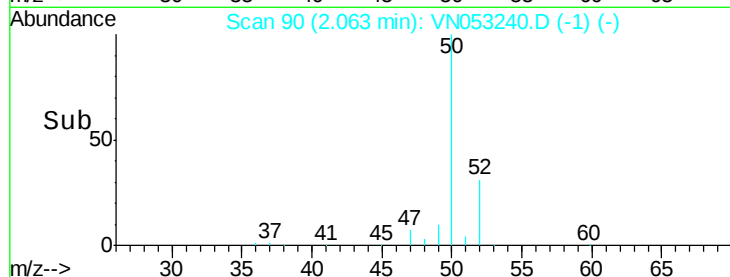
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 18.891 ug/l

RT: 2.19 min Scan# 130

Delta R.T. -0.00 min

Lab File: VN053240.D

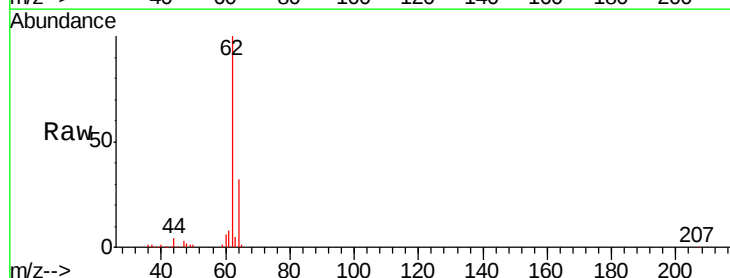
Acq: 2 Jan 2019 11:31

Tgt Ion: 62 Resp: 209418

Ion Ratio Lower Upper

62 100

64 32.4 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.19

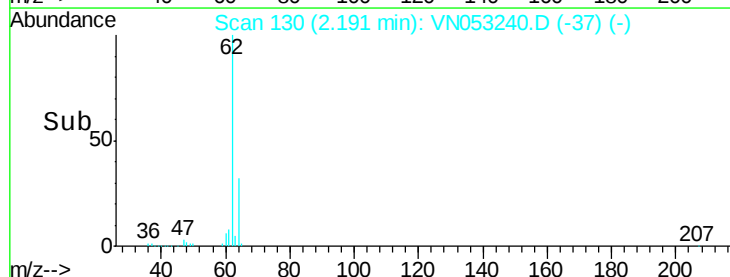
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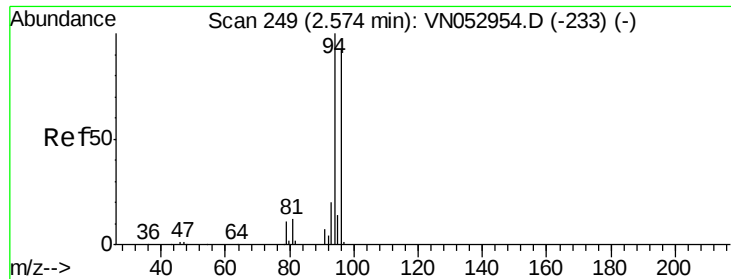
100000

50000

0

Time-->





#5

Bromomethane

Concen: 17.753 ug/l

RT: 2.58 min Scan# 250

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

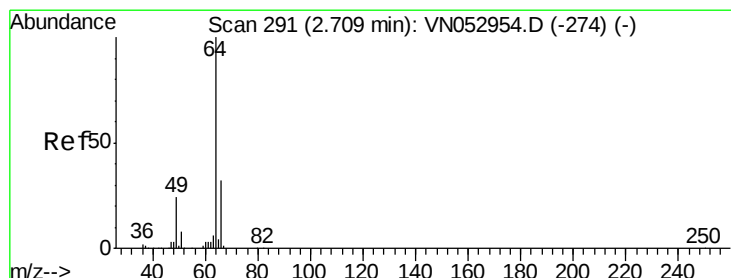
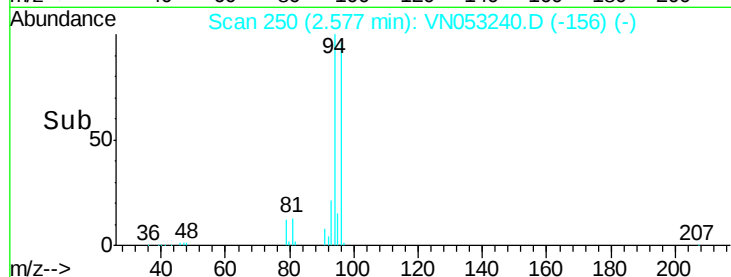
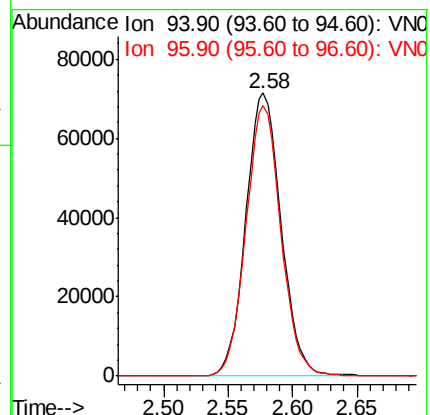
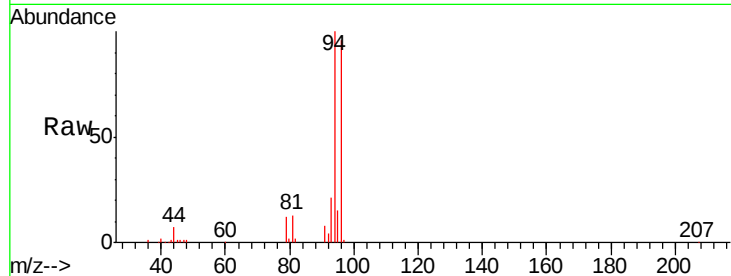
VN0102WBS01

Tgt Ion: 94 Resp: 136354

Ion Ratio Lower Upper

94 100

96 95.7 75.0 112.4



#6

Chloroethane

Concen: 19.351 ug/l

RT: 2.71 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN053240.D

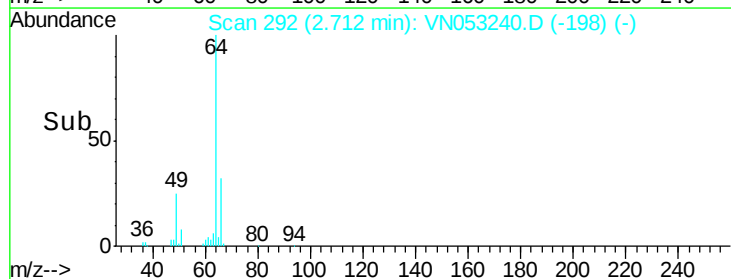
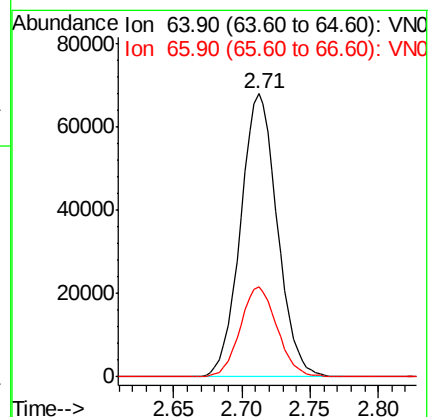
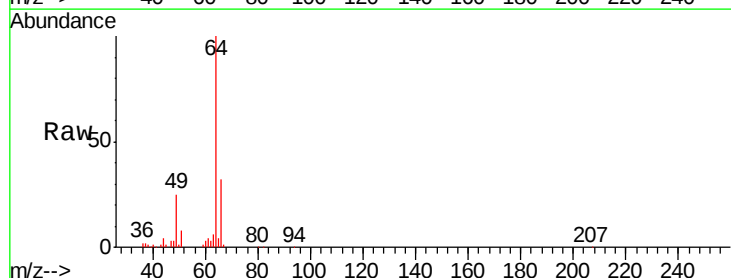
Acq: 2 Jan 2019 11:31

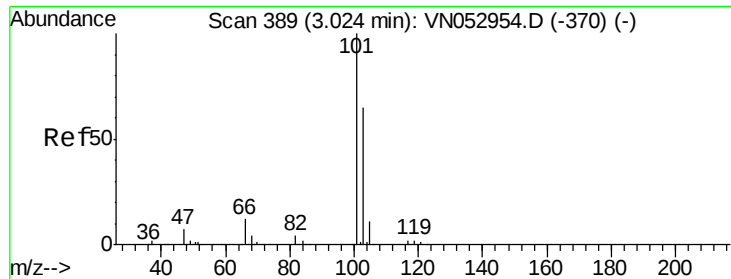
Tgt Ion: 64 Resp: 127050

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.2



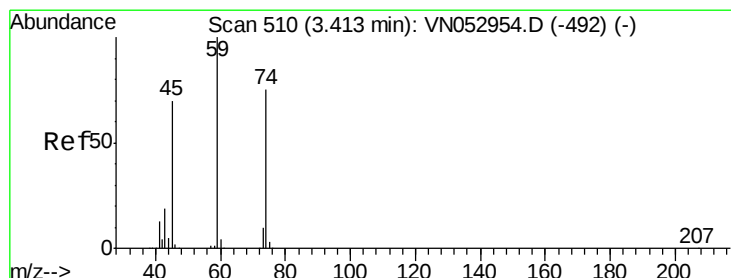
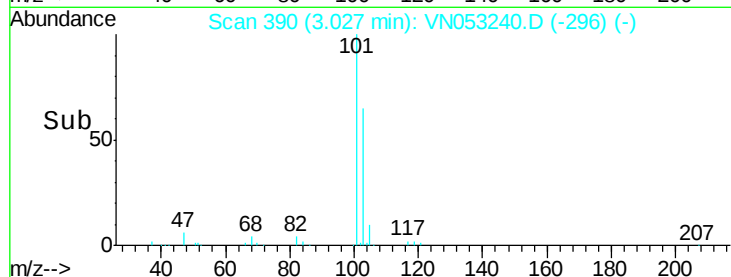
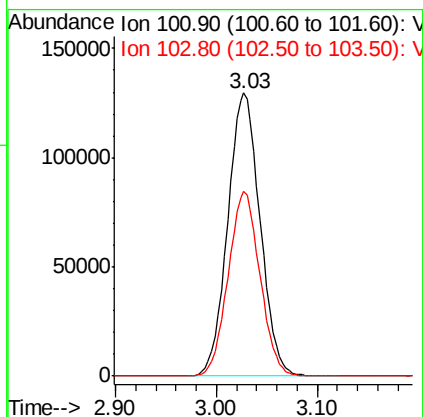
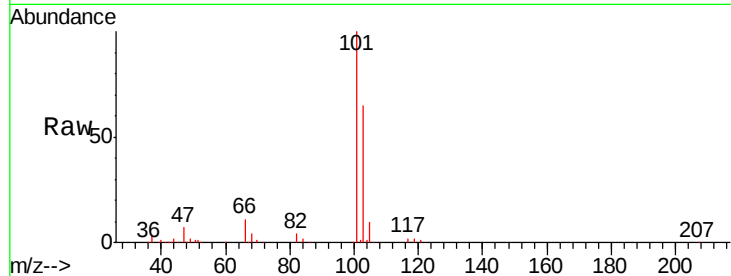


#7

Trichlorofluoromethane
 Concen: 20.890 ug/l
 RT: 3.03 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Instrument :
 MSVOA_N
 ClientSampled :
 VN0102WBS01

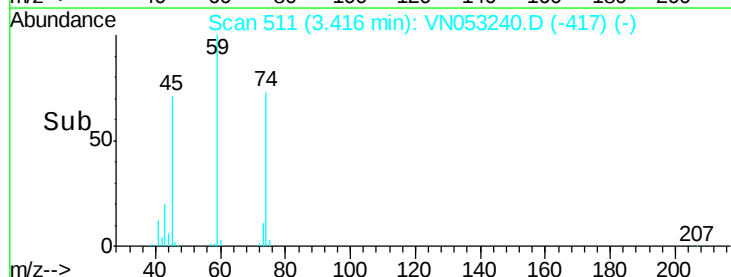
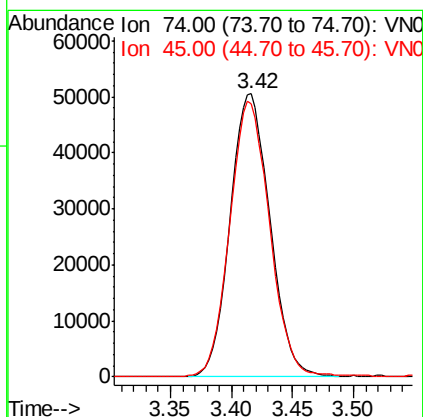
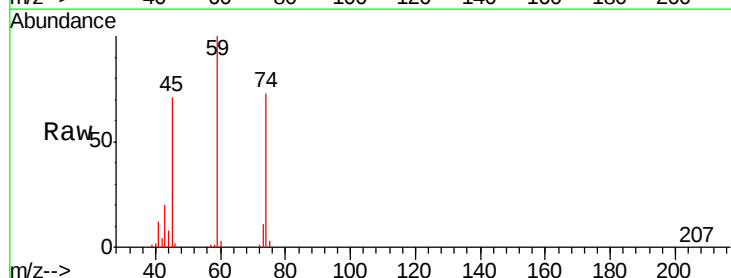
Tgt Ion: 101 Resp: 288491
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.8 77.6

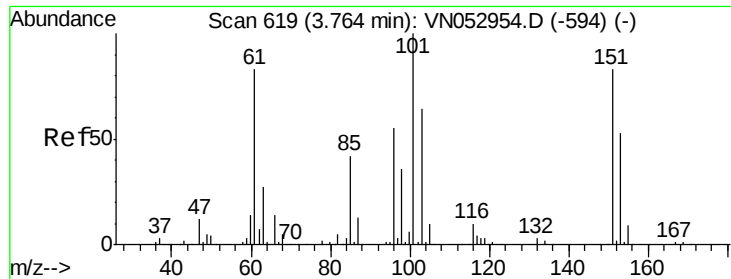


#8

Diethyl Ether
 Concen: 21.983 ug/l
 RT: 3.42 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion: 74 Resp: 114529
 Ion Ratio Lower Upper
 74 100
 45 97.5 49.4 148.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.831 ug/l

RT: 3.77 min Scan# 620

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS01

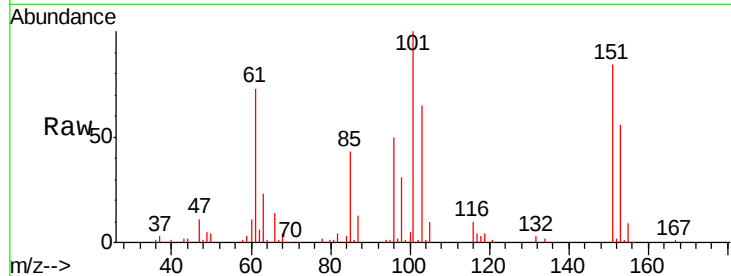
Tgt Ion:101 Resp: 183414

Ion Ratio Lower Upper

101 100

85 42.1 33.6 50.4

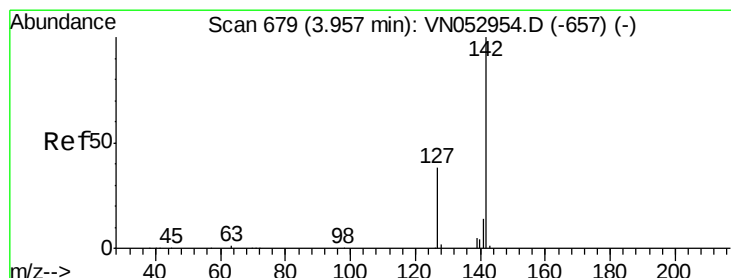
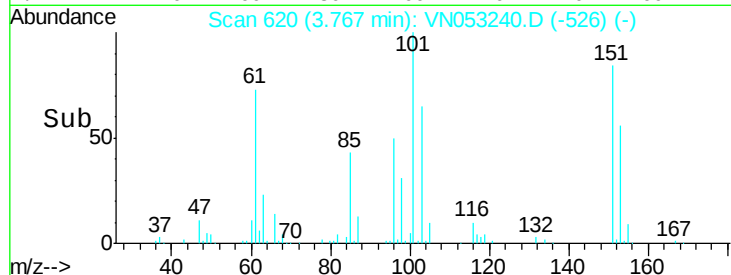
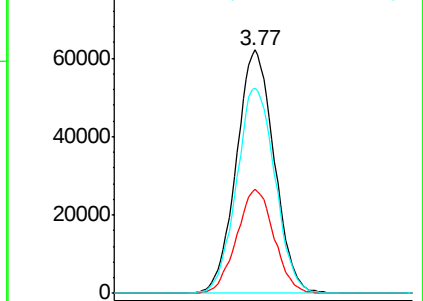
151 85.6 65.5 98.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.512 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

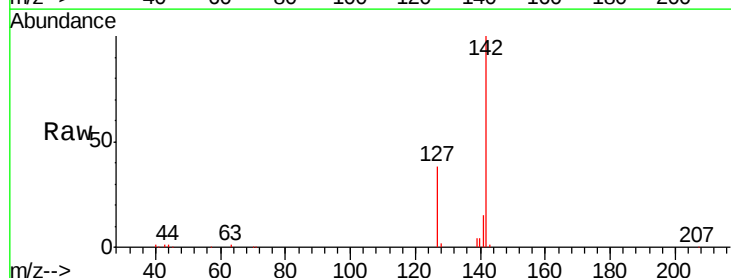
Tgt Ion:142 Resp: 228907

Ion Ratio Lower Upper

142 100

127 38.2 31.0 46.6

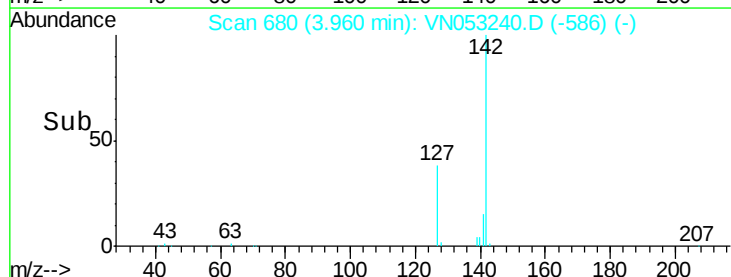
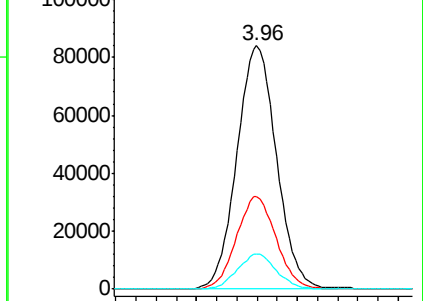
141 14.2 11.2 16.8

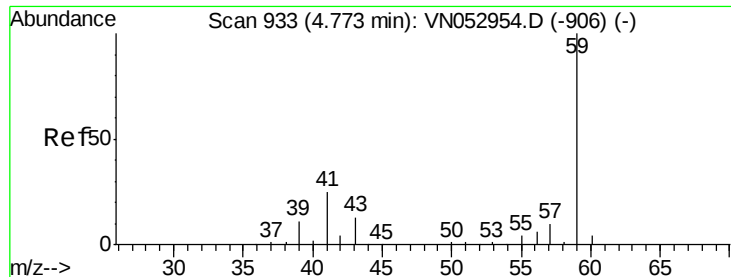


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

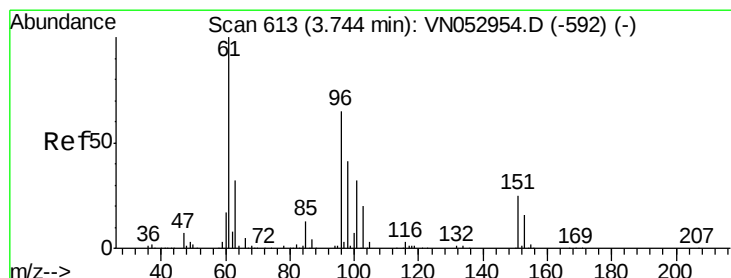
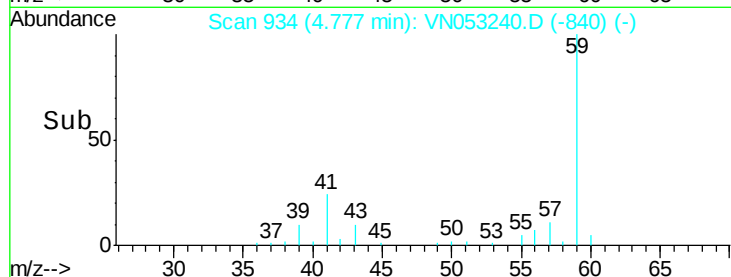
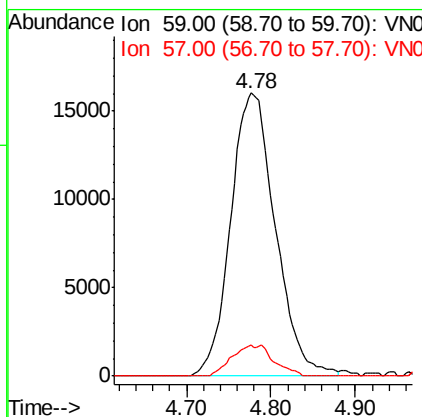
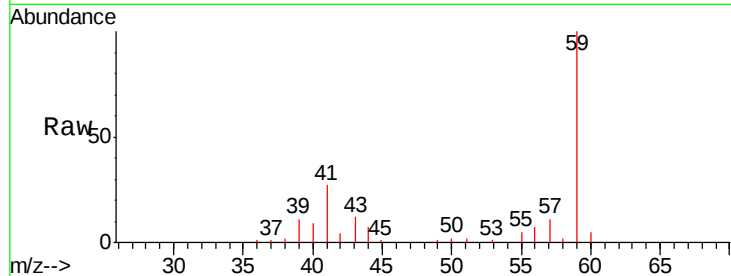




#11
Tert butyl alcohol
Concen: 106.821 ug/l
RT: 4.78 min Scan# 934
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

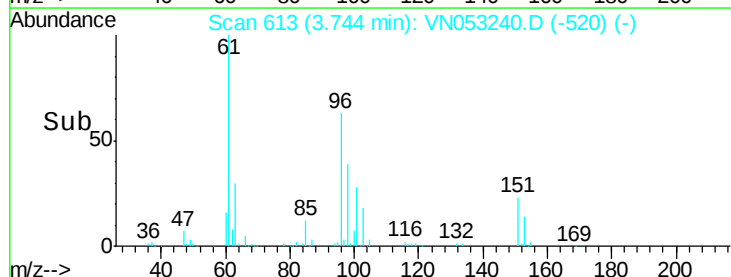
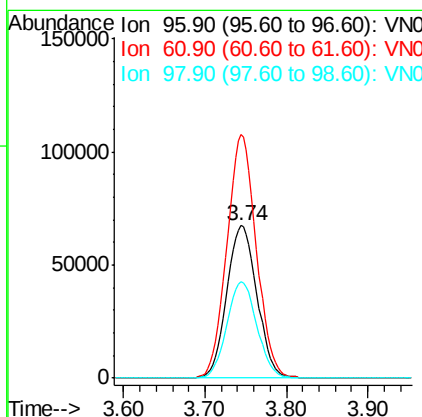
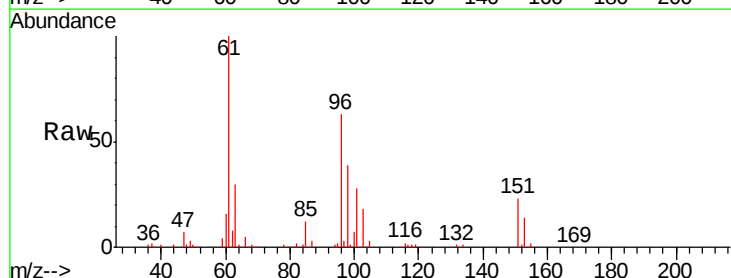
Instrument :
MSVOA_N
ClientSampled :
VN0102WBS01

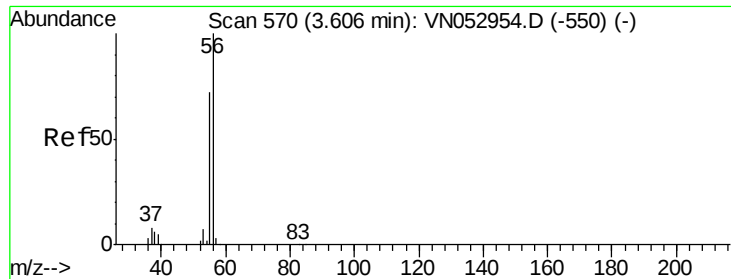
Tgt Ion: 59 Resp: 59033
Ion Ratio Lower Upper
59 100
57 6.1 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 20.588 ug/l
RT: 3.74 min Scan# 613
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion: 96 Resp: 175135
Ion Ratio Lower Upper
96 100
61 159.6 125.6 188.4
98 63.0 50.6 75.8





#13

Acrolein

Concen: 100.620 ug/l

RT: 3.61 min Scan# 571

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

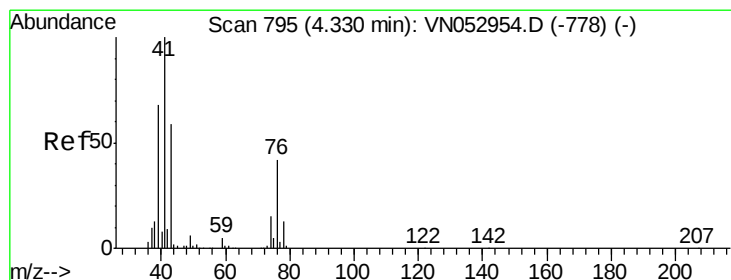
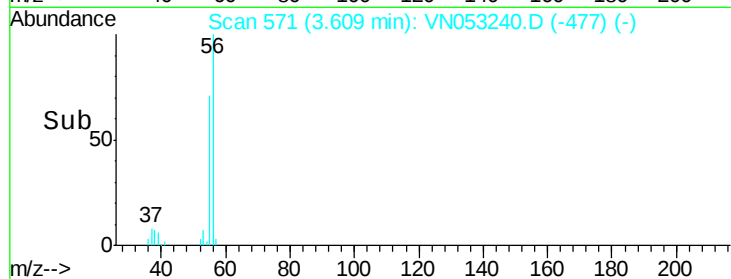
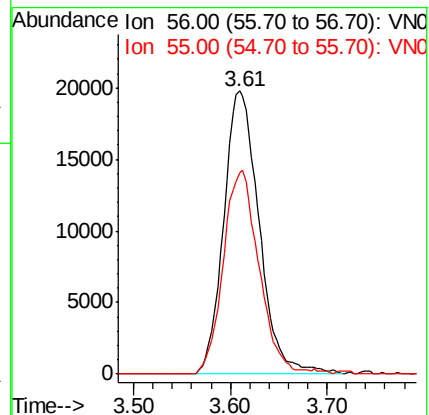
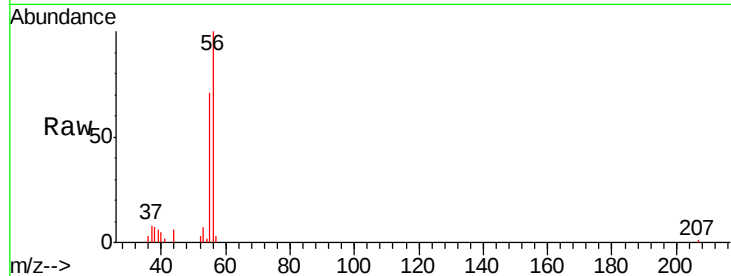
VN0102WBS01

Tgt Ion: 56 Resp: 50420

Ion Ratio Lower Upper

56 100

55 72.2 56.6 85.0



#14

Allyl chloride

Concen: 20.737 ug/l

RT: 4.33 min Scan# 795

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

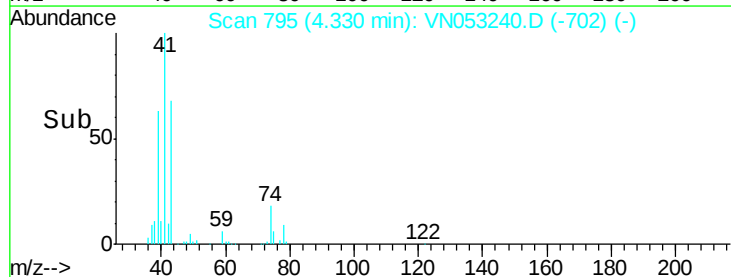
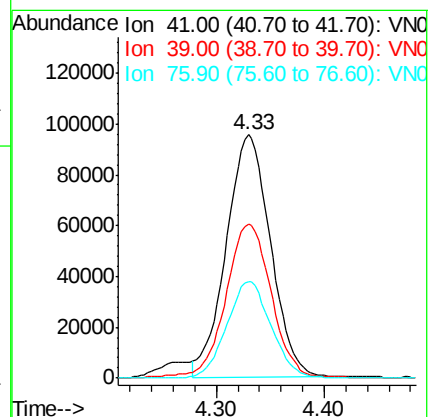
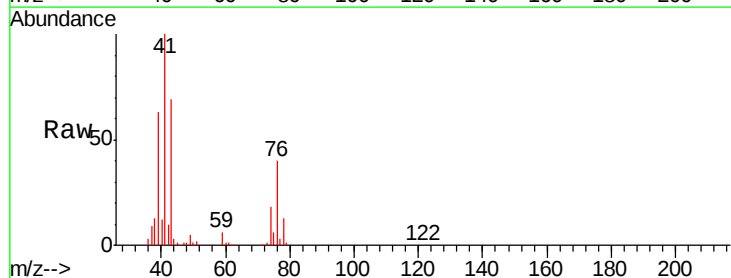
Tgt Ion: 41 Resp: 273242

Ion Ratio Lower Upper

41 100

39 65.6 54.1 81.1

76 39.9 30.3 45.5





#15

Acrylonitrile

Concen: 110.288 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS01

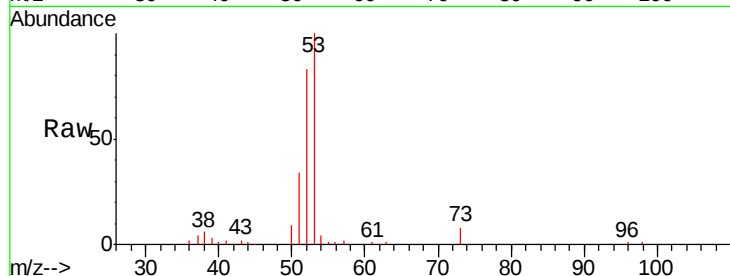
Tgt Ion: 53 Resp: 338599

Ion Ratio Lower Upper

53 100

52 81.7 65.1 97.7

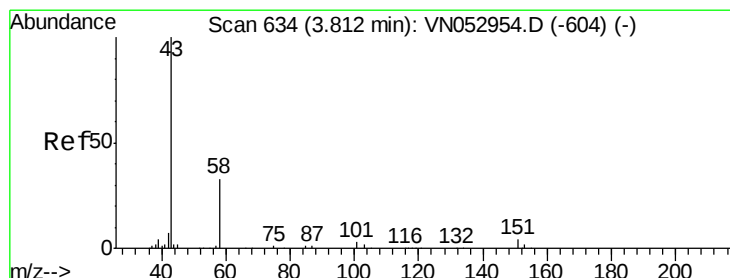
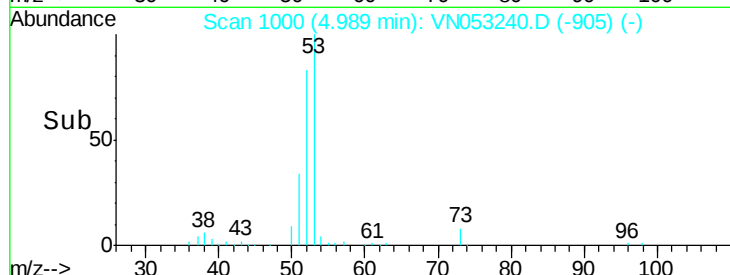
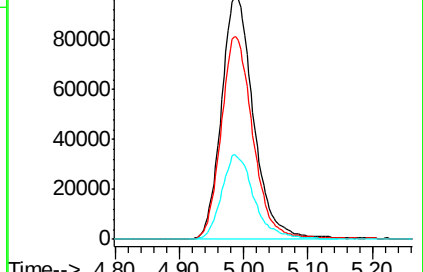
51 35.1 28.1 42.1



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: 131.749 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053240.D

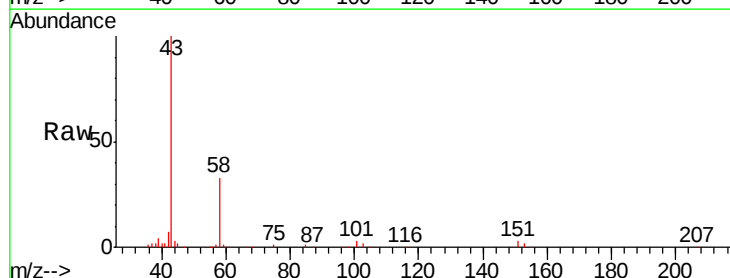
Acq: 2 Jan 2019 11:31

Tgt Ion: 43 Resp: 233963

Ion Ratio Lower Upper

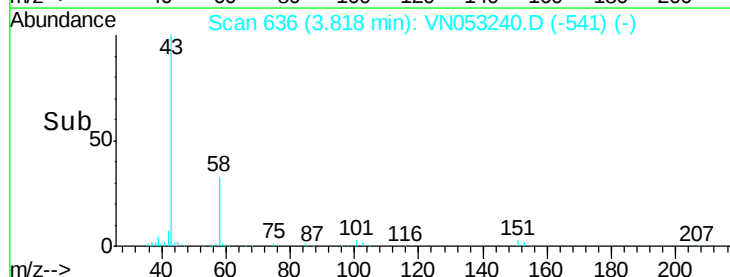
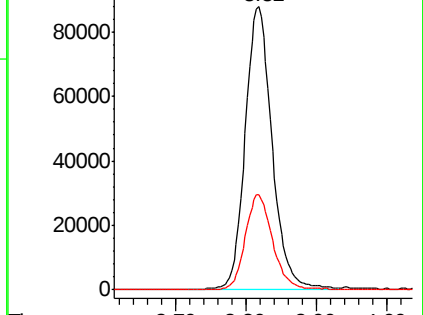
43 100

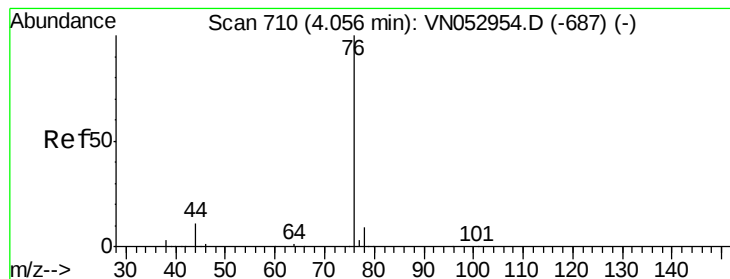
58 33.4 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.472 ug/l

RT: 4.06 min Scan# 711

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

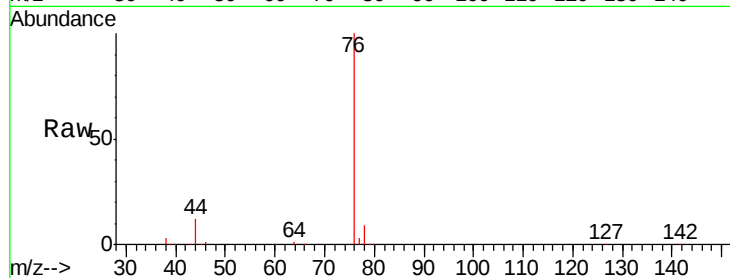
VN0102WBS01

Tgt Ion: 76 Resp: 456970

Ion Ratio Lower Upper

76 100

78 9.0 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.06

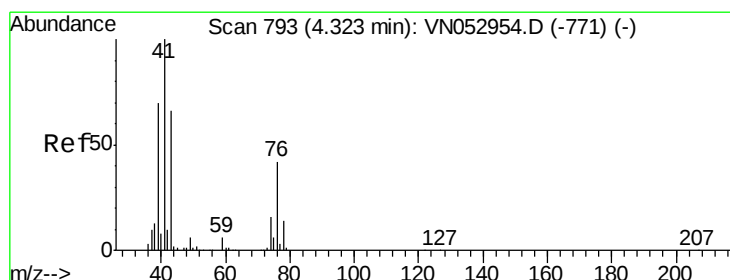
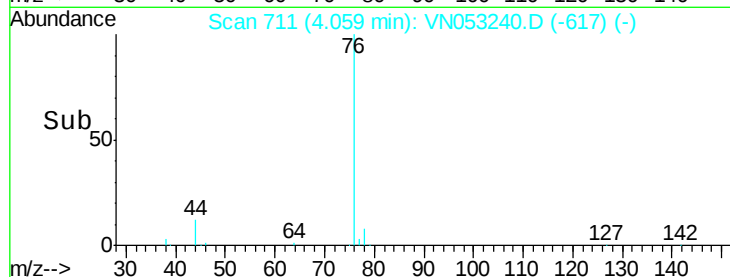
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 24.334 ug/l

RT: 4.33 min Scan# 794

Delta R.T. 0.00 min

Lab File: VN053240.D

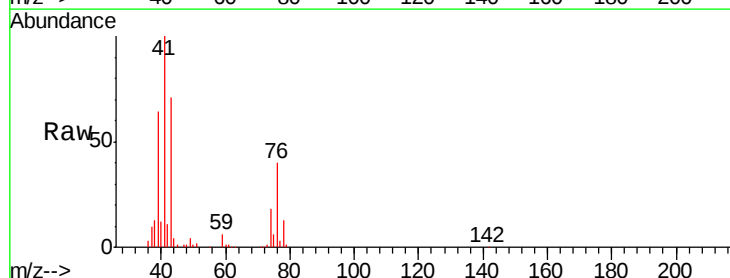
Acq: 2 Jan 2019 11:31

Tgt Ion: 43 Resp: 191945

Ion Ratio Lower Upper

43 100

74 24.5 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.33

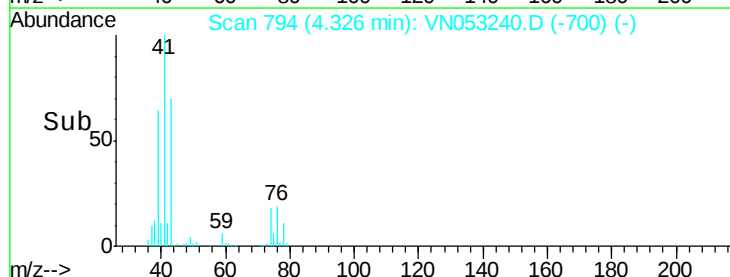
60000

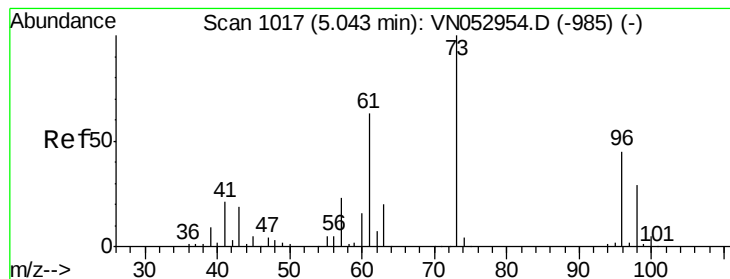
40000

20000

0

Time-->



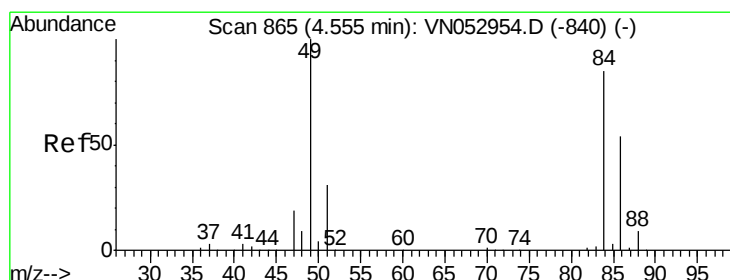
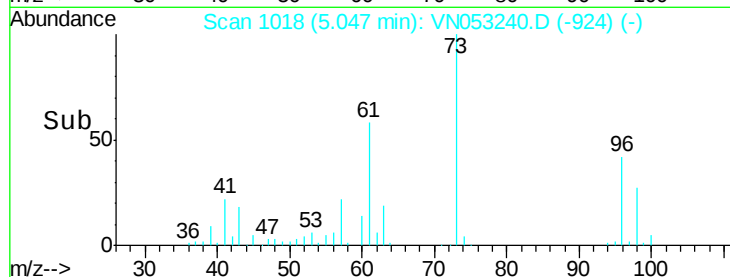
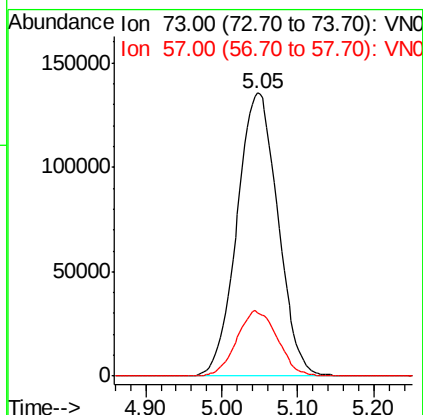
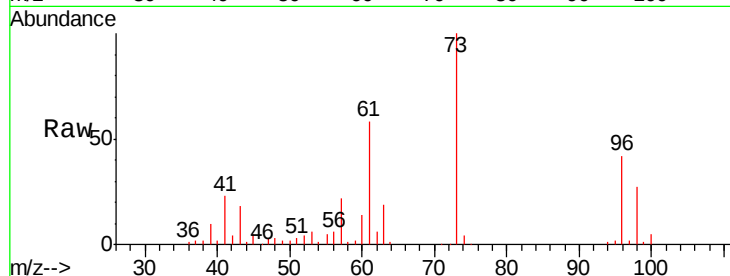


#19

Methyl tert-butyl Ether
 Concen: 22.254 ug/l
 RT: 5.05 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

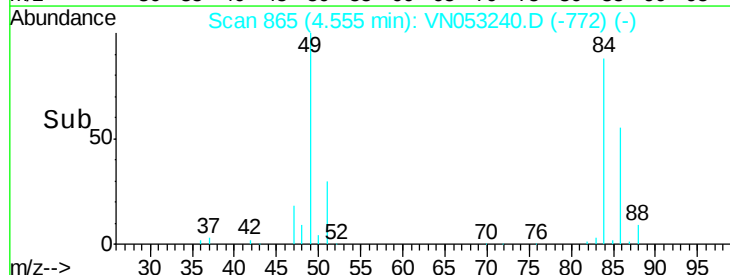
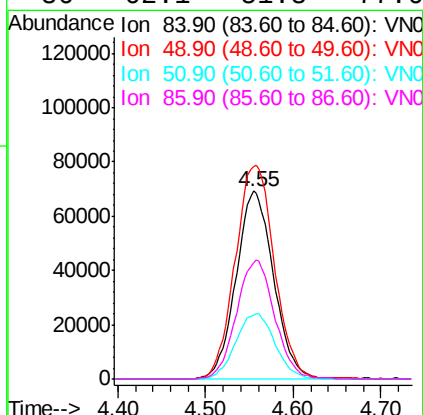
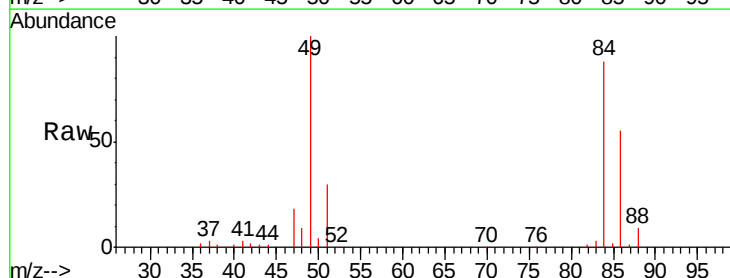
Tgt Ion: 73 Resp: 506603
 Ion Ratio Lower Upper
 73 100
 57 22.3 18.4 27.6

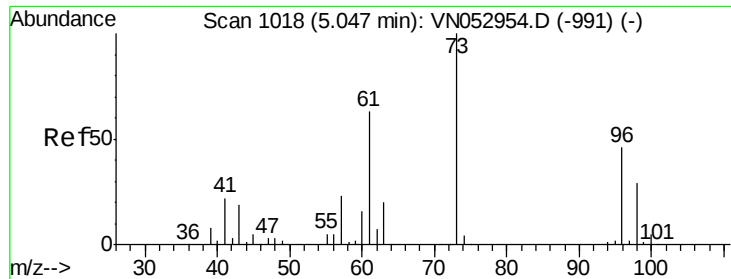


#20

Methylene Chloride
 Concen: 21.294 ug/l
 RT: 4.55 min Scan# 865
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion: 84 Resp: 206271
 Ion Ratio Lower Upper
 84 100
 49 113.6 96.8 145.2
 51 34.4 29.9 44.9
 86 62.1 51.8 77.6

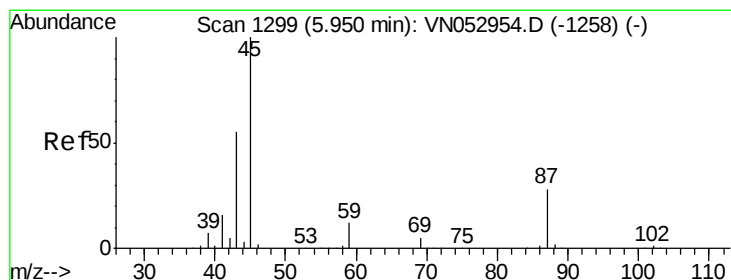
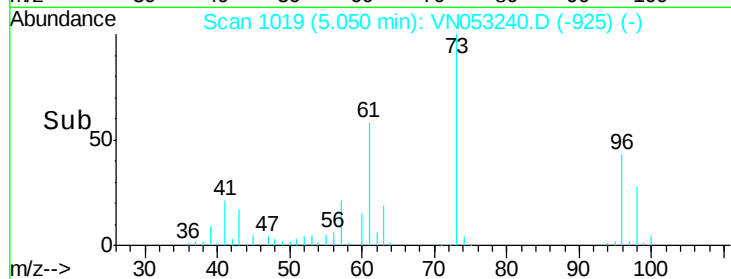
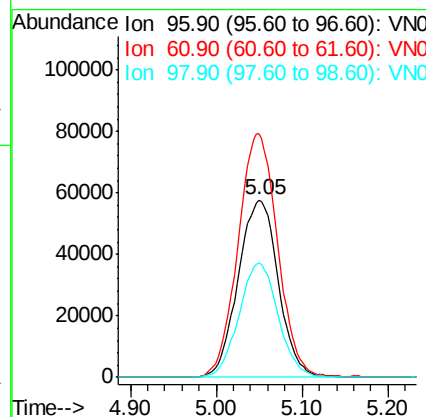
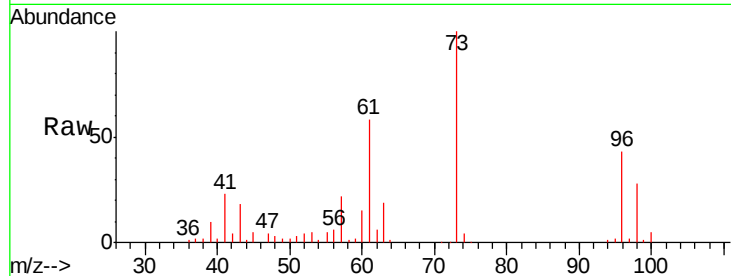




#21
trans-1,2-Dichloroethene
Concen: 20.449 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

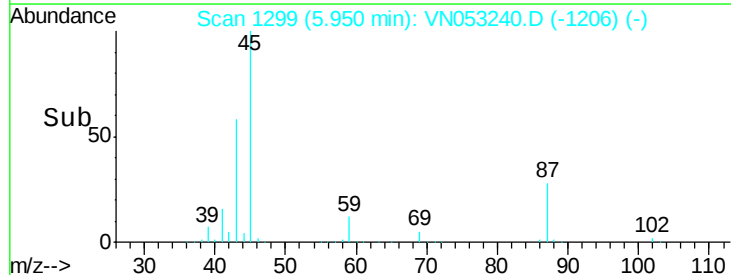
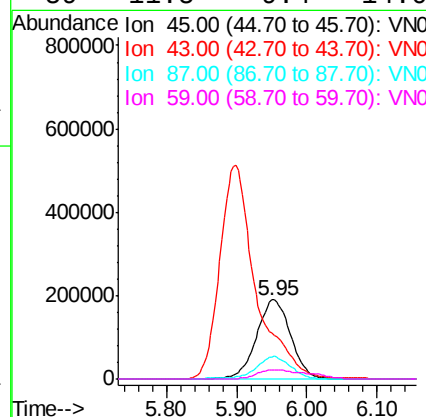
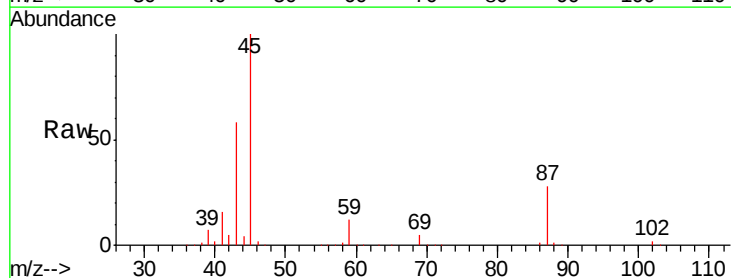
Instrument :
MSVOA_N
ClientSampled :
VN0102WBS01

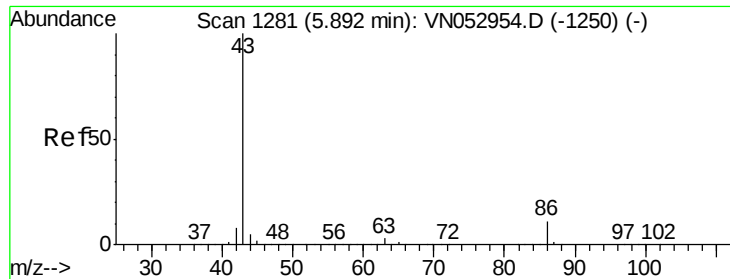
Tgt Ion: 96 Resp: 186893
Ion Ratio Lower Upper
96 100
61 136.9 110.8 166.2
98 64.7 51.4 77.2



#22
Diisopropyl ether
Concen: 22.805 ug/l
RT: 5.95 min Scan# 1299
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion: 45 Resp: 641396
Ion Ratio Lower Upper
45 100
43 56.4 45.5 68.3
87 28.2 22.0 33.0
59 11.5 9.4 14.0





#23

Vinyl Acetate

Concen: 113.052 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. 0.01 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

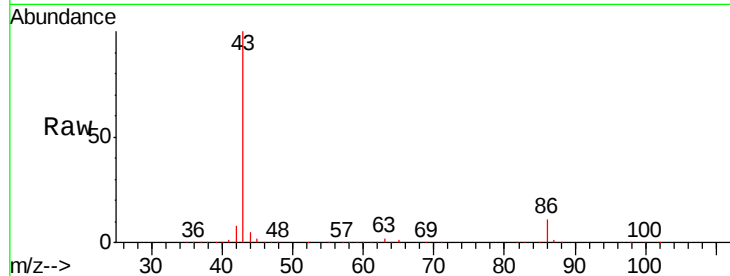
VN0102WBS01

Tgt Ion: 43 Resp: 1828396

Ion Ratio Lower Upper

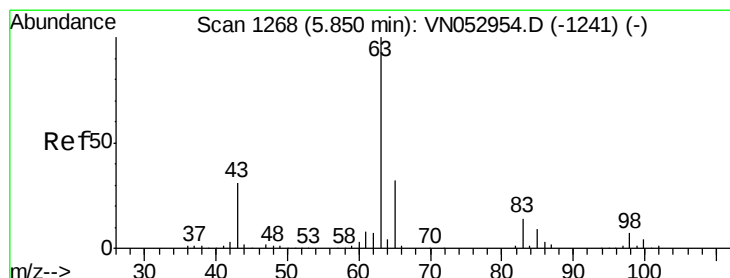
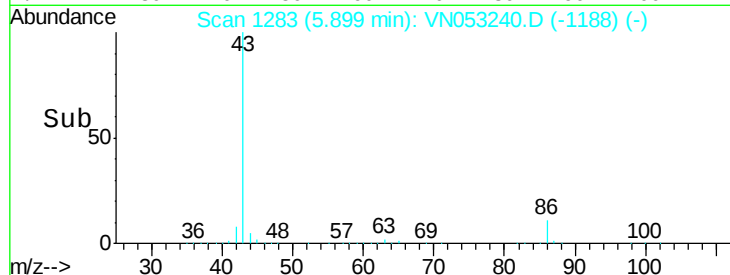
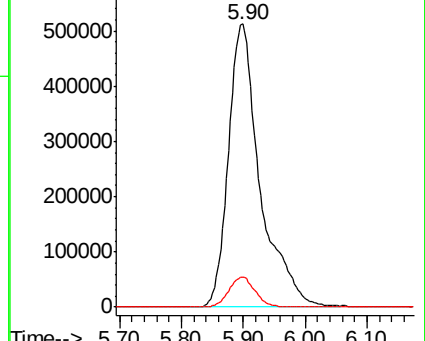
43 100

86 10.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VN053240.D (-1188) (-)

Ion 86.00 (85.70 to 86.70): VN053240.D (-1188) (-)



#24

1,1-Dichloroethane

Concen: 21.851 ug/l

RT: 5.85 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

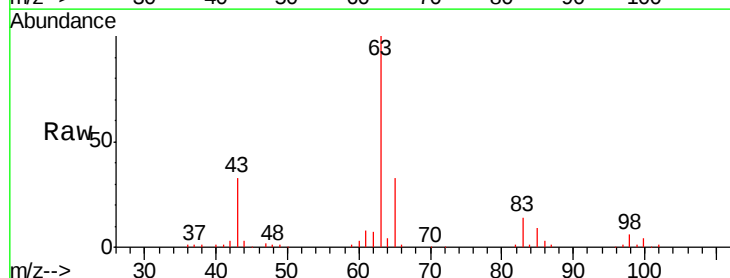
Tgt Ion: 63 Resp: 365200

Ion Ratio Lower Upper

63 100

98 6.3 3.1 9.4

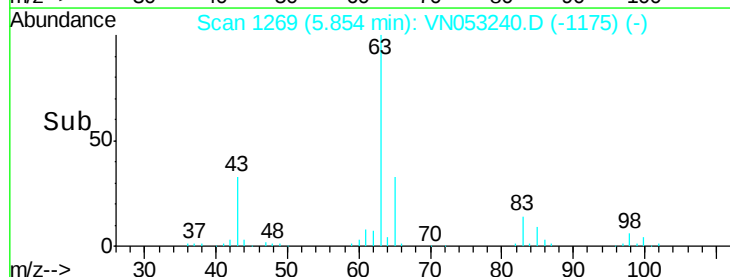
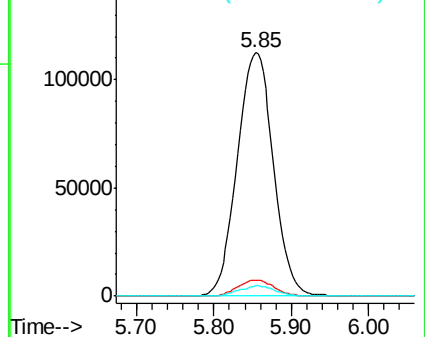
100 4.2 2.0 5.8

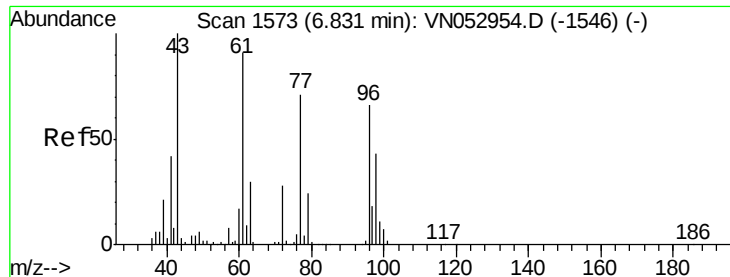


Abundance Ion 62.90 (62.60 to 63.60): VN053240.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN053240.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN053240.D (-1175) (-)





#25

2-Butanone

Concen: 120.203 ug/l

RT: 6.84 min Scan# 1575

Delta R.T. 0.01 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

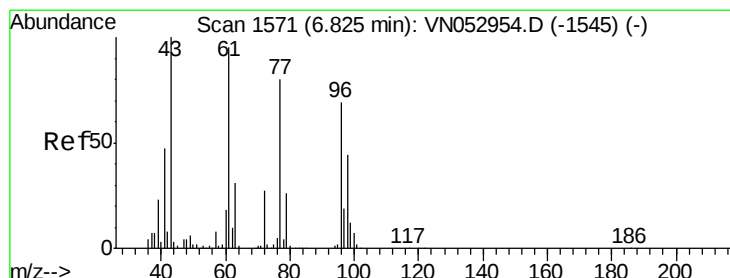
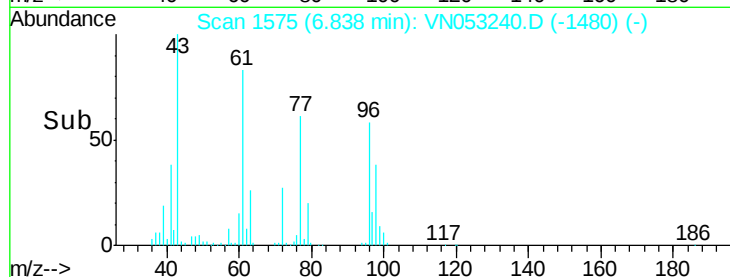
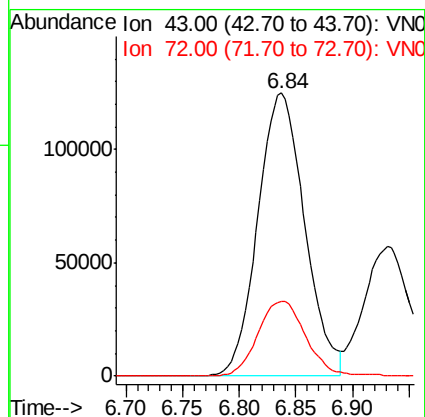
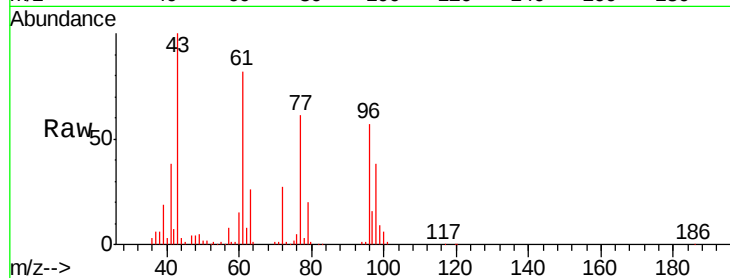
VN0102WBS01

Tgt Ion: 43 Resp: 358236

Ion Ratio Lower Upper

43 100

72 26.6 21.0 31.6



#26

2,2-Dichloropropane

Concen: 21.266 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. 0.00 min

Lab File: VN053240.D

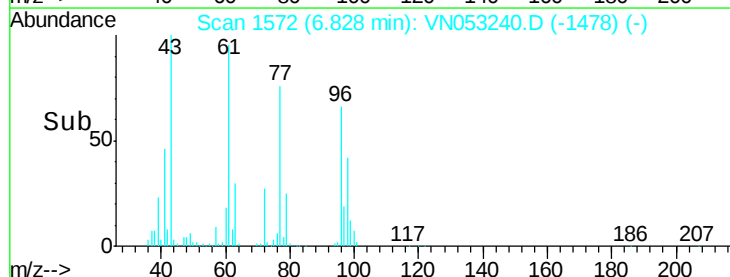
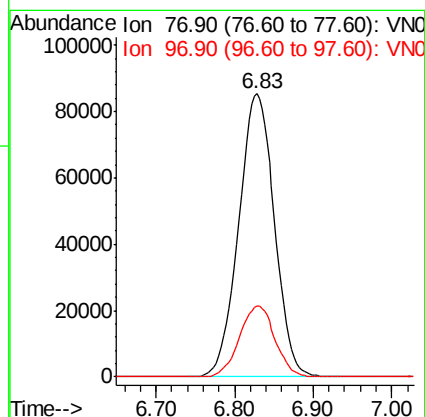
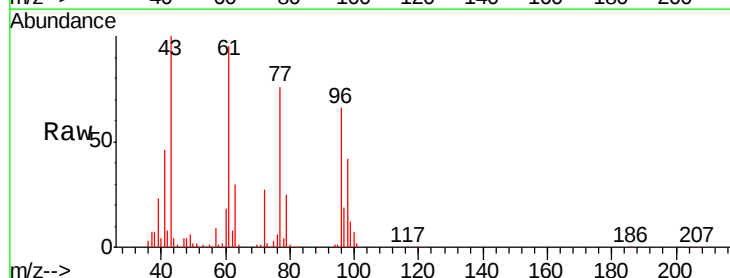
Acq: 2 Jan 2019 11:31

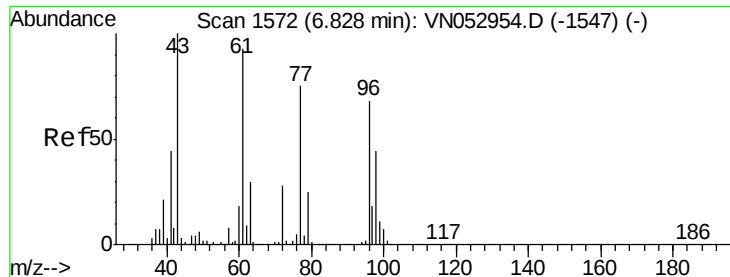
Tgt Ion: 77 Resp: 271309

Ion Ratio Lower Upper

77 100

97 24.8 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 21.534 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0102WBS01

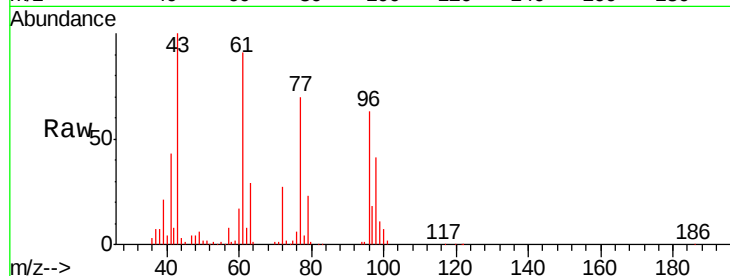
Tgt Ion: 96 Resp: 222811

Ion Ratio Lower Upper

96 100

61 141.5 0.0 284.2

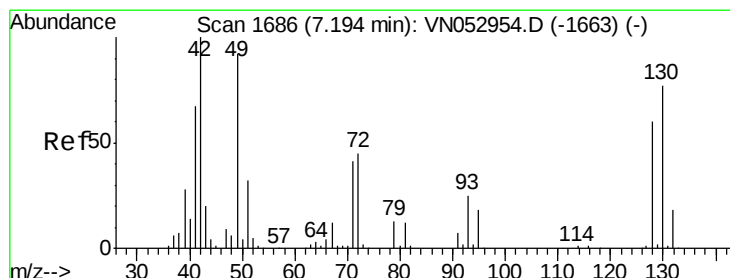
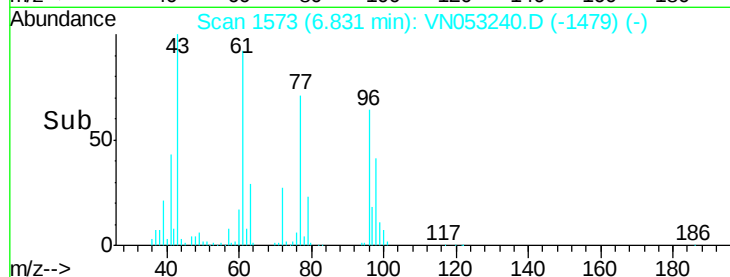
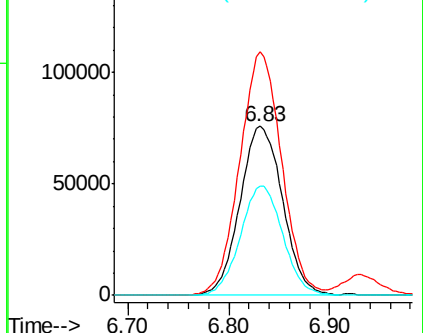
98 64.1 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VN053240.D (-1479) (-)

Ion 60.90 (60.60 to 61.60): VN053240.D (-1479) (-)

Ion 97.90 (97.60 to 98.60): VN053240.D (-1479) (-)



#28

Bromochloromethane

Concen: 23.955 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

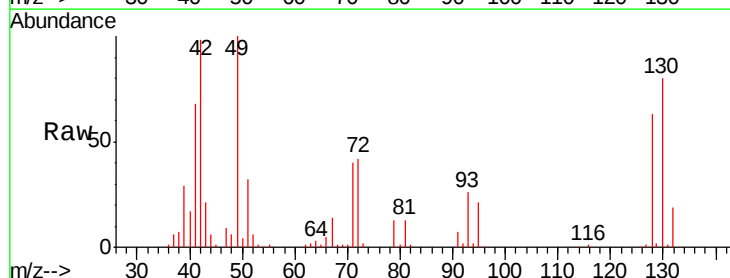
Tgt Ion: 49 Resp: 173484

Ion Ratio Lower Upper

49 100

129 1.9 0.0 4.0

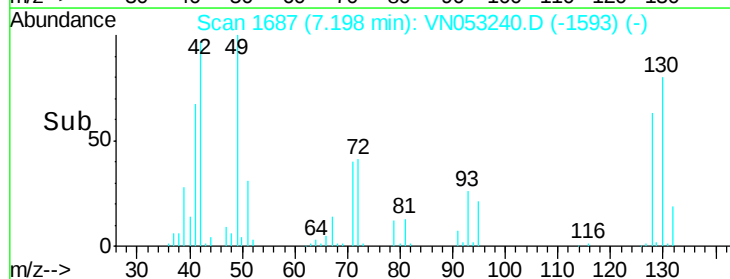
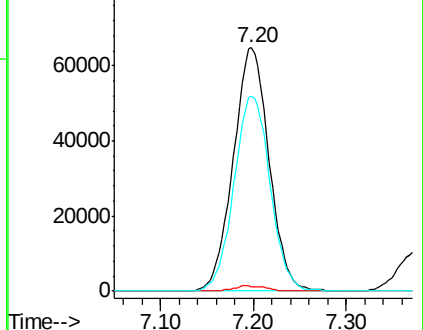
130 80.9 63.3 94.9



Abundance Ion 48.90 (48.60 to 49.60): VN053240.D (-1593) (-)

Ion 128.80 (128.50 to 129.50): VN053240.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053240.D (-1593) (-)

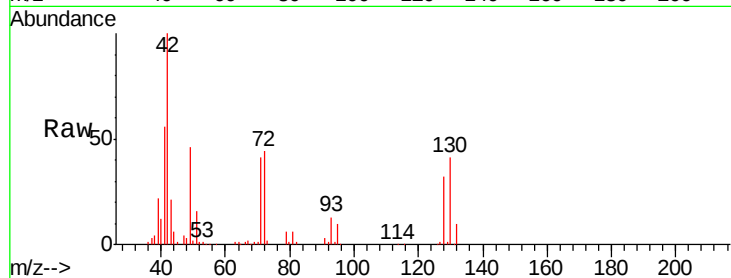




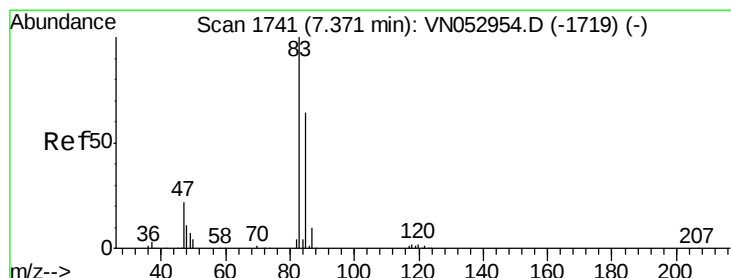
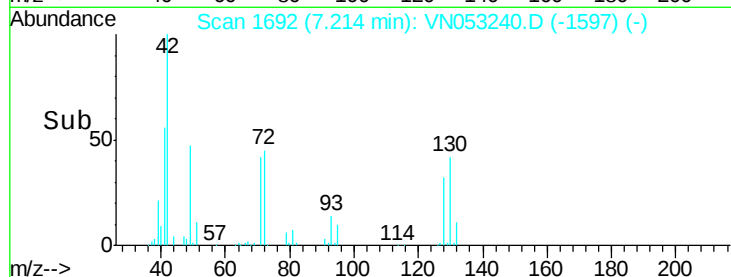
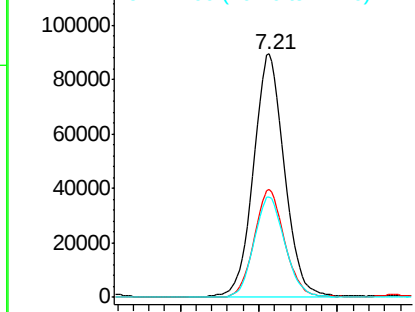
#29
Tetrahydrofuran
Concen: 112.656 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.01 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Instrument :
MSVOA_N
ClientSampled :
VN0102WBS01

Tgt Ion: 42 Resp: 250758
Ion Ratio Lower Upper
42 100
72 43.4 34.7 52.1
71 41.1 32.3 48.5

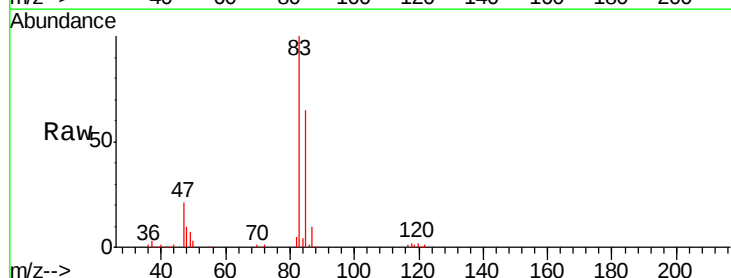


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

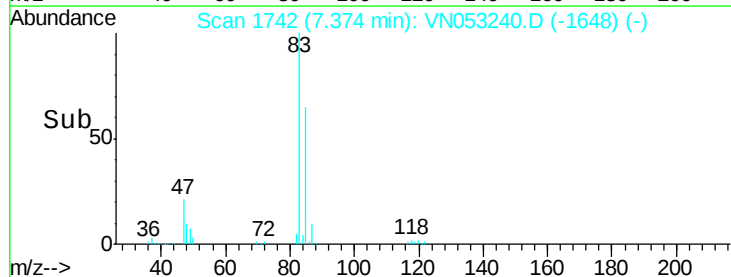
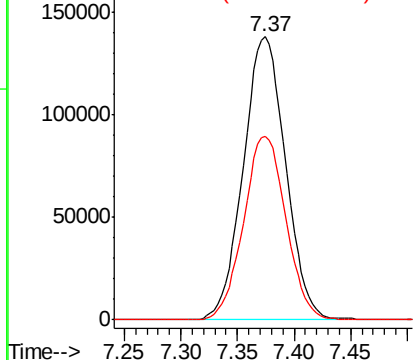


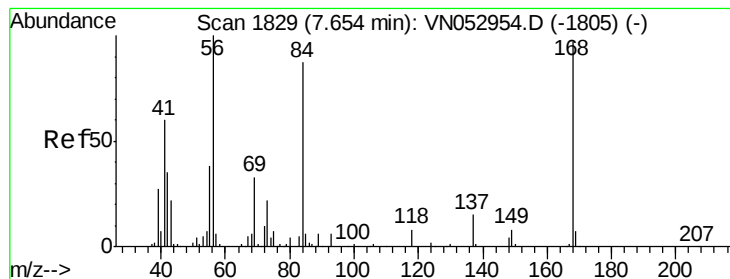
#30
Chloroform
Concen: 21.888 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion: 83 Resp: 359354
Ion Ratio Lower Upper
83 100
85 64.9 52.1 78.1



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





#31

Cyclohexane

Concen: 19.850 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0102WBS01

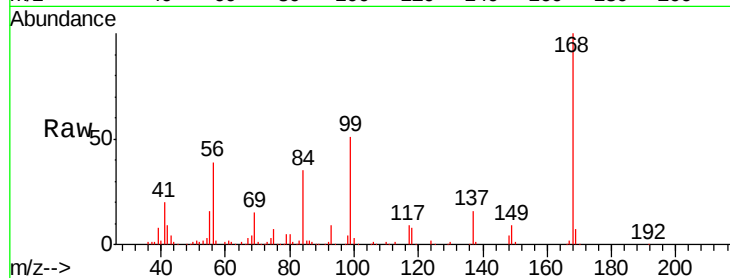
Tgt Ion: 56 Resp: 321072

Ion Ratio Lower Upper

56 100

69 37.5 26.6 39.8

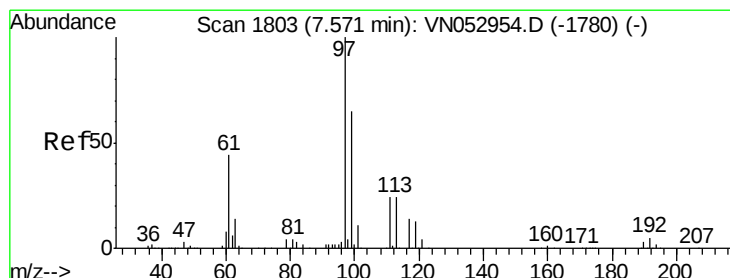
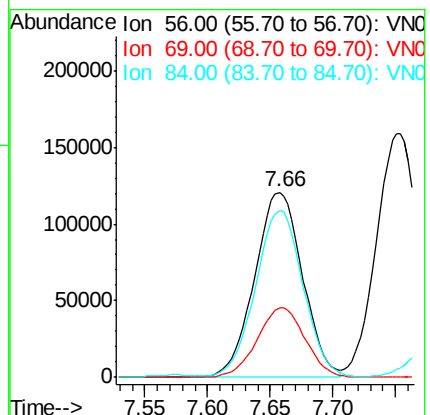
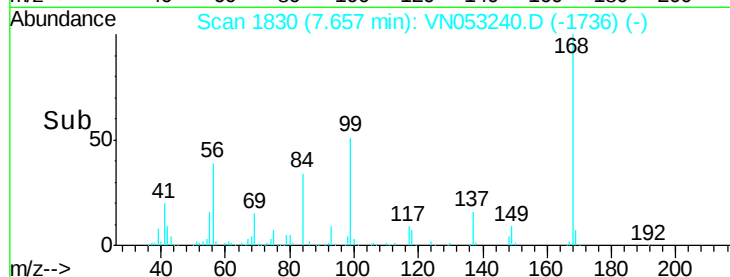
84 89.4 68.4 102.6



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: 21.239 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

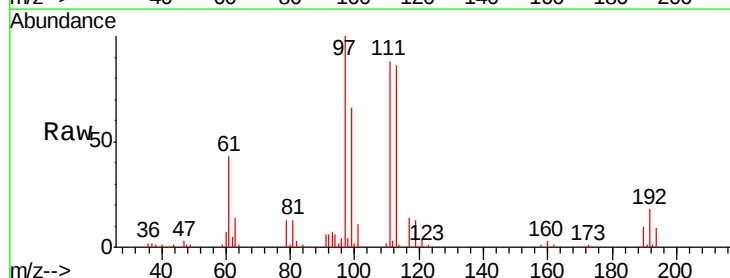
Tgt Ion: 97 Resp: 297049

Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

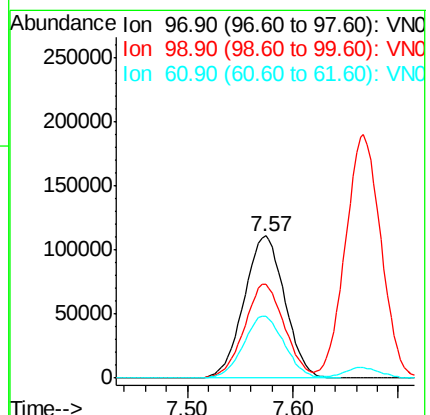
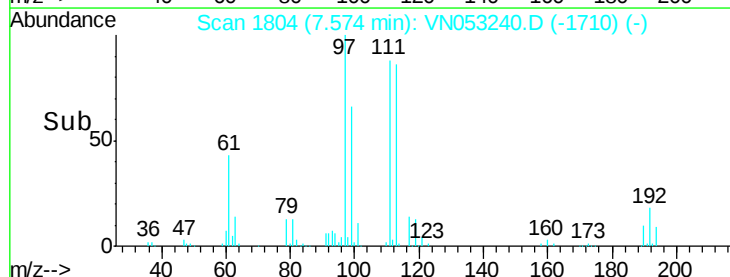
61 43.5 35.0 52.6

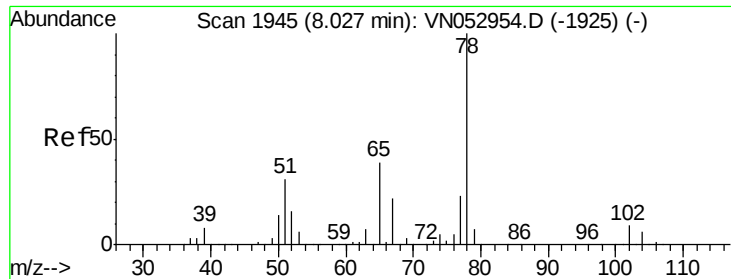


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

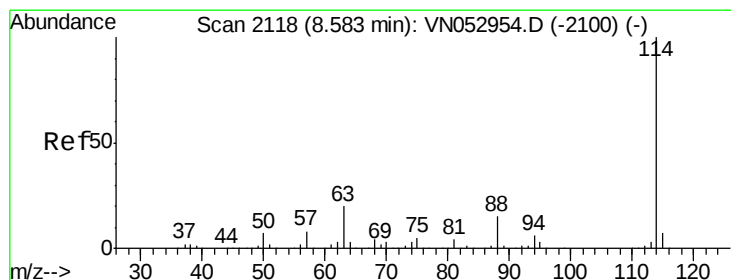
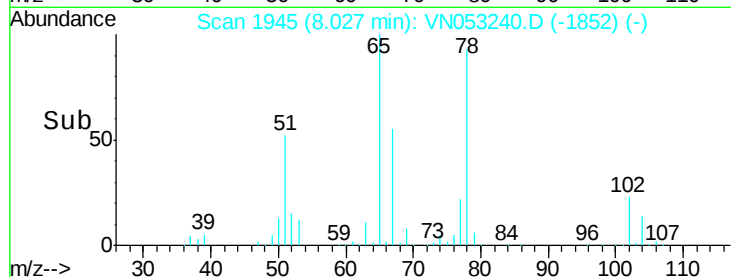
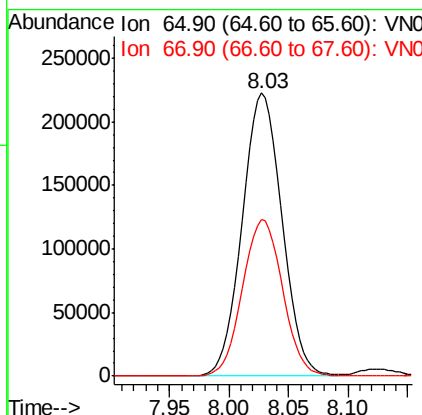
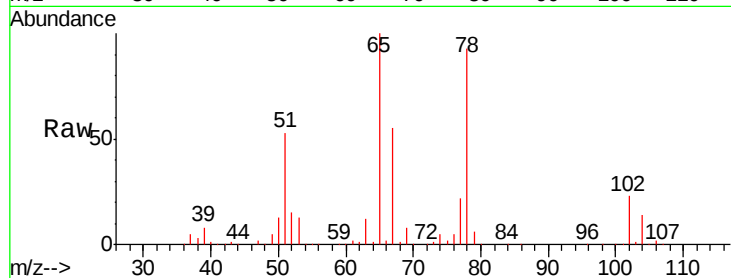




#33
 1,2-Dichloroethane-d4
 Concen: 21.239 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

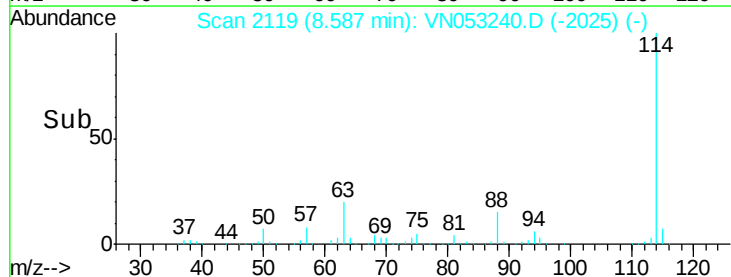
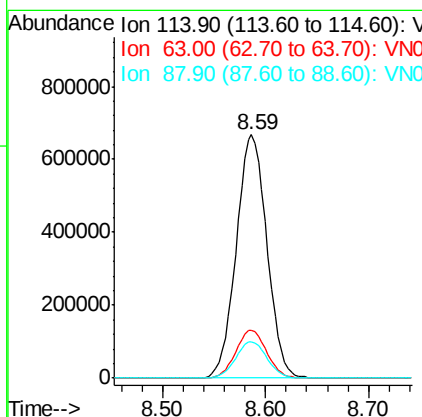
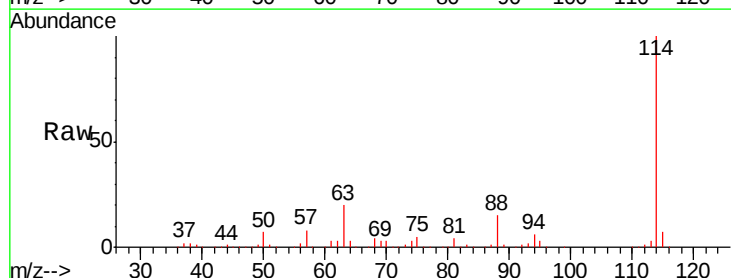
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

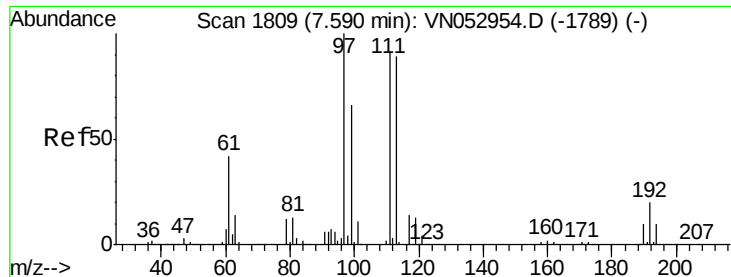
Tgt Ion: 65 Resp: 517083
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion: 114 Resp: 1380248
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.0 0.0 31.0

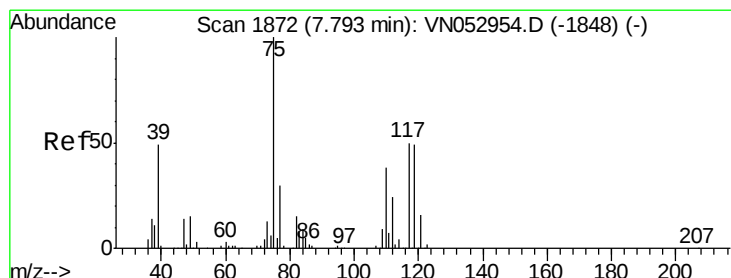
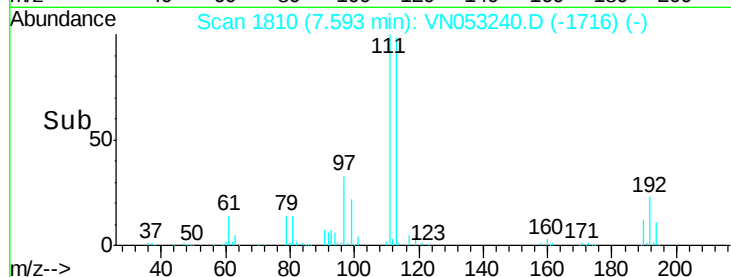
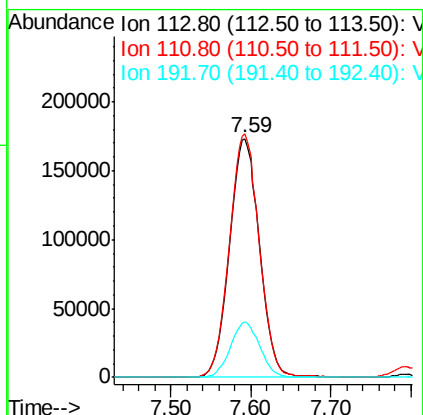
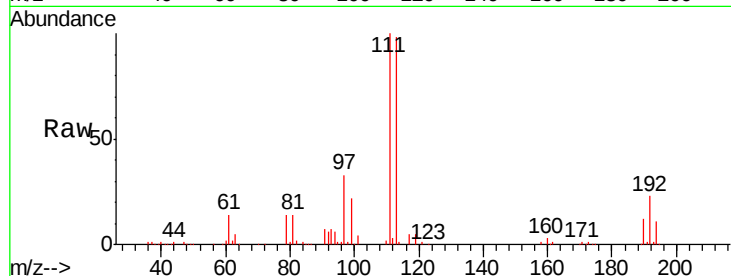




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

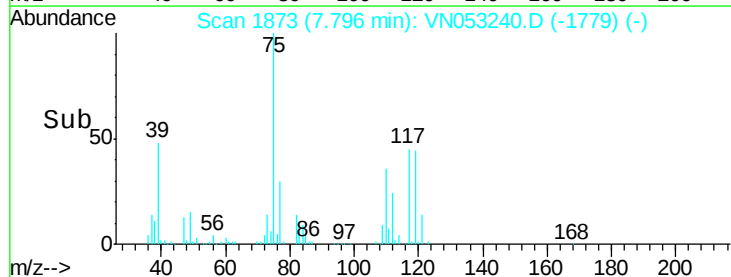
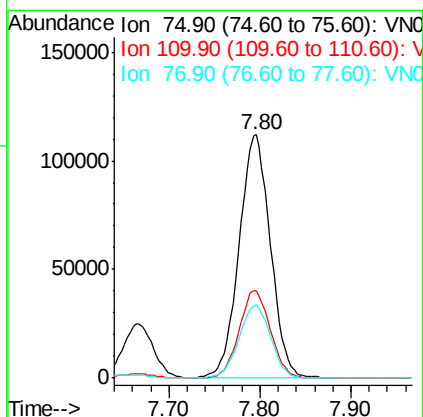
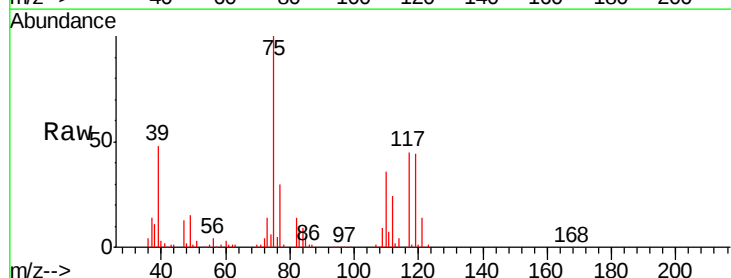
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS01

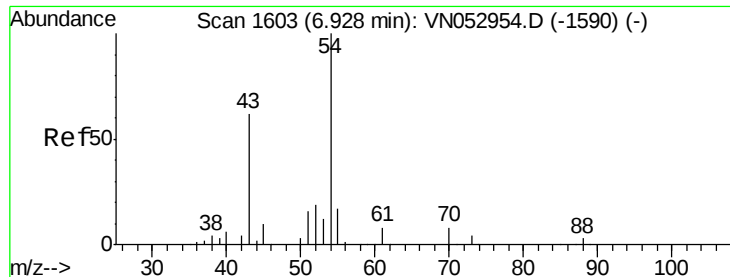
Tgt Ion: 113 Resp: 438335
Ion Ratio Lower Upper
113 100
111 101.1 83.0 124.4
192 22.7 17.5 26.3



#36
1,1-Dichloropropene
Concen: 20.080 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion: 75 Resp: 266015
Ion Ratio Lower Upper
75 100
110 36.1 18.2 54.6
77 30.8 24.9 37.3

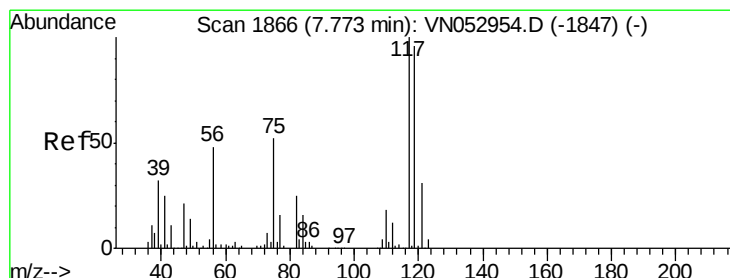
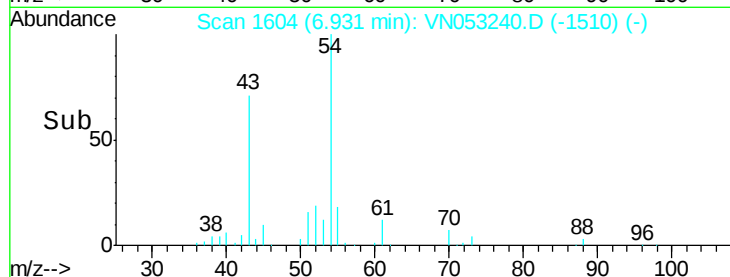
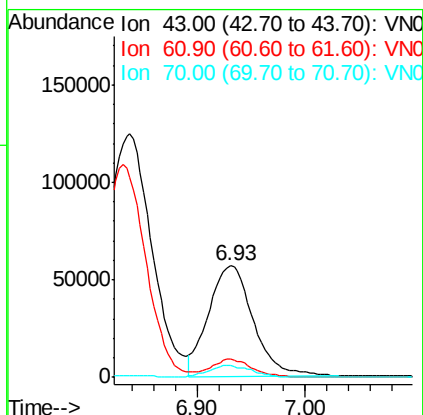
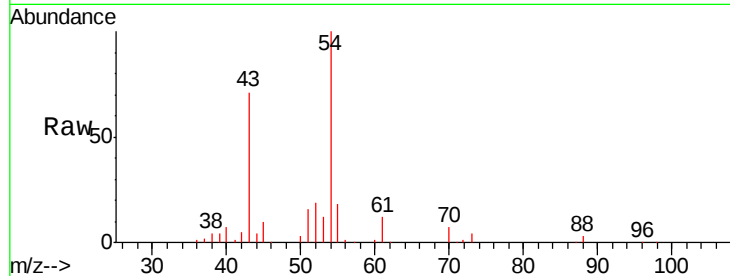




#37
Ethyl Acetate
 Concen: 22.034 ug/l
 RT: 6.93 min Scan# 1604
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

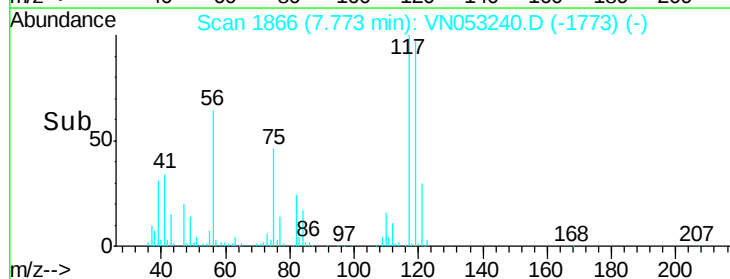
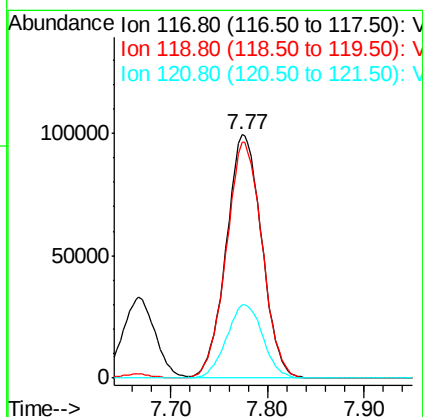
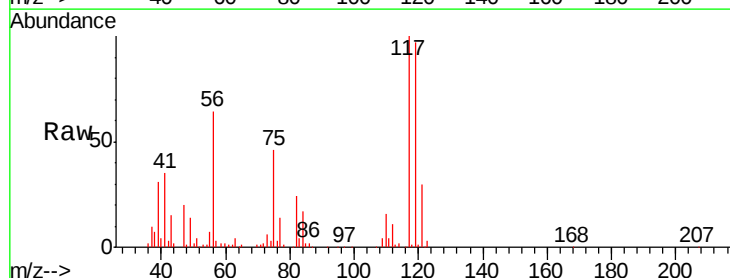
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

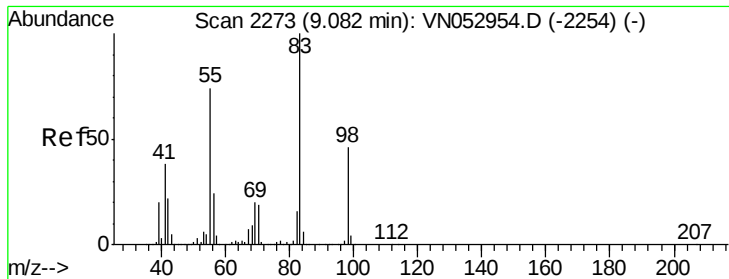
Tgt Ion: 43 Resp: 162958
 Ion Ratio Lower Upper
 43 100
 61 14.6 11.8 17.6
 70 10.4 8.4 12.6



#38
Carbon Tetrachloride
 Concen: 20.955 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion: 117 Resp: 254457
 Ion Ratio Lower Upper
 117 100
 119 97.0 77.1 115.7
 121 30.2 24.9 37.3

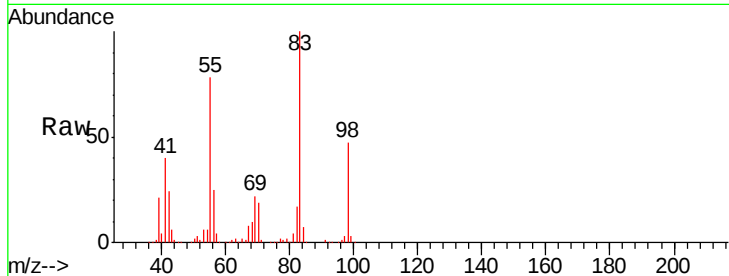




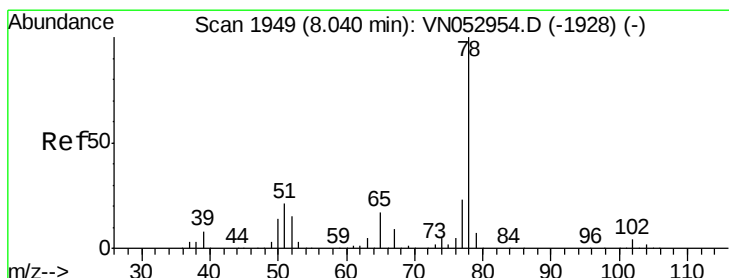
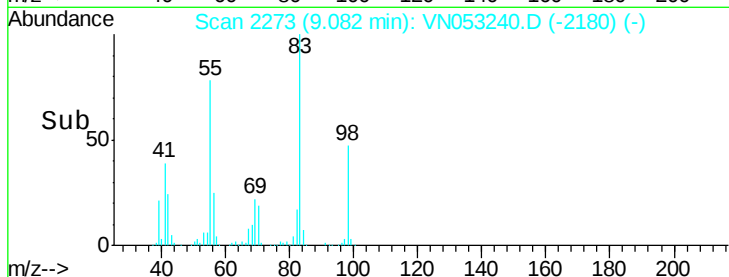
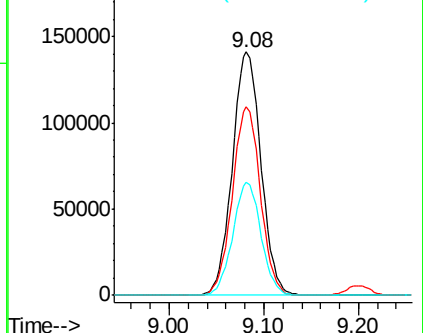
#39
Methylcyclohexane
Concen: 18.438 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS01

Tgt Ion: 83 Resp: 296738
Ion Ratio Lower Upper
83 100
55 77.6 61.3 91.9
98 46.7 37.0 55.4

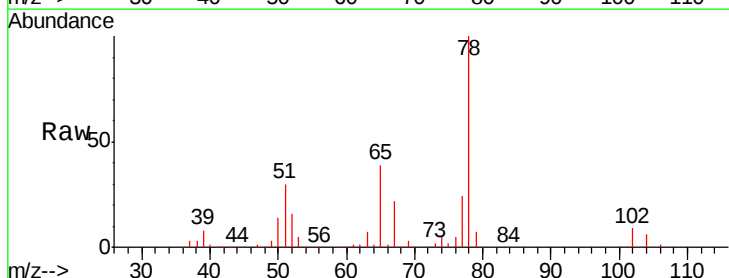


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

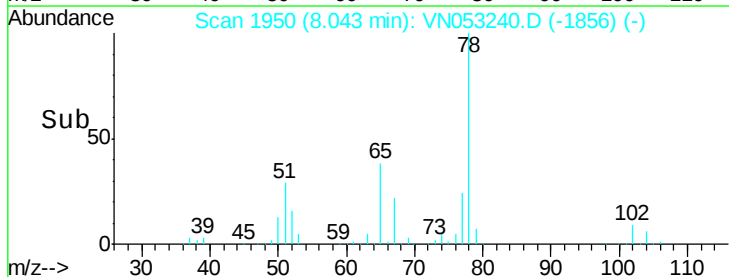
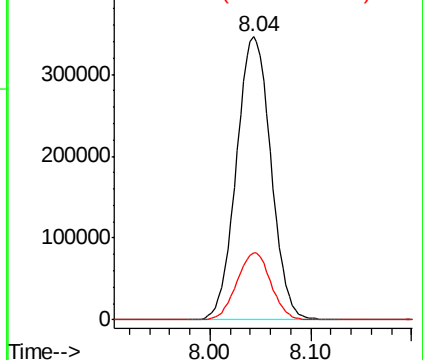


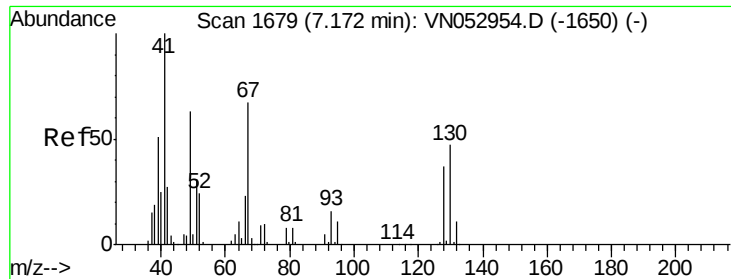
#40
Benzene
Concen: 20.827 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion: 78 Resp: 820695
Ion Ratio Lower Upper
78 100
77 23.8 18.5 27.7



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

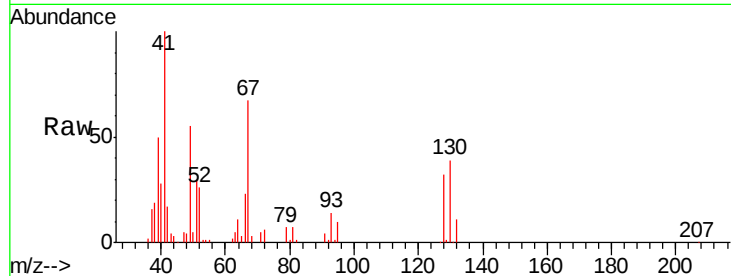




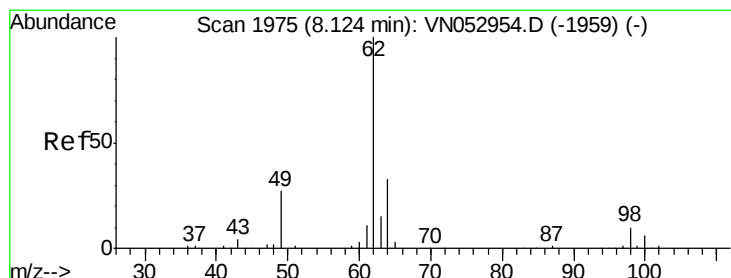
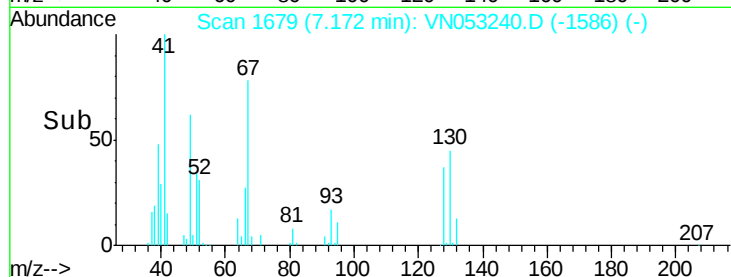
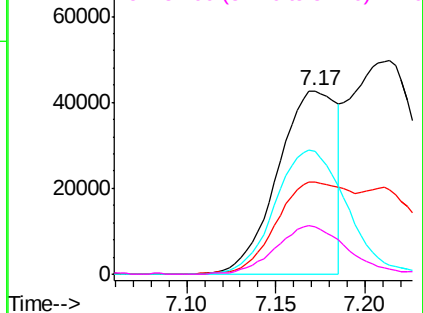
#41
Methacrylonitrile
Concen: 22.753 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Instrument :
MSVOA_N
ClientSampled :
VN0102WBS01

Tgt Ion:	41	Resp:	97225
Ion	Ratio	Lower	Upper
41	100		
39	62.7	48.0	72.0
67	82.6	70.3	105.5
52	32.6	26.9	40.3

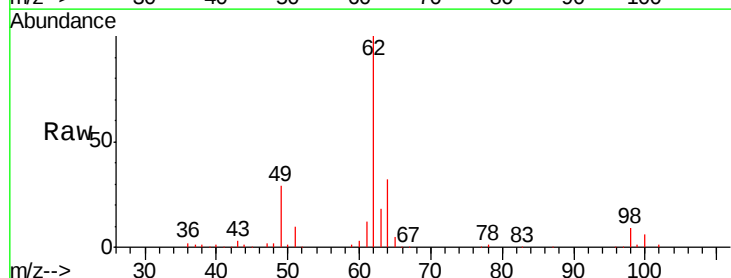


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

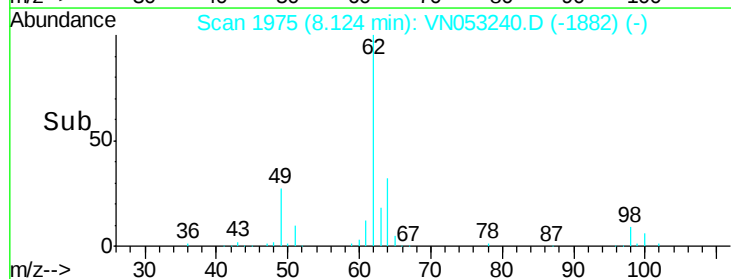
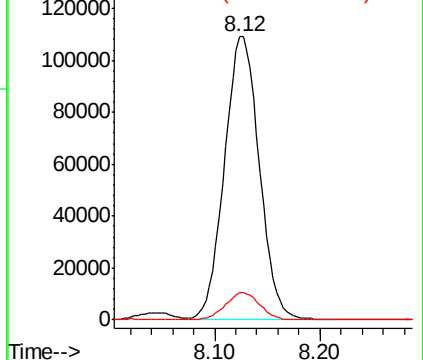


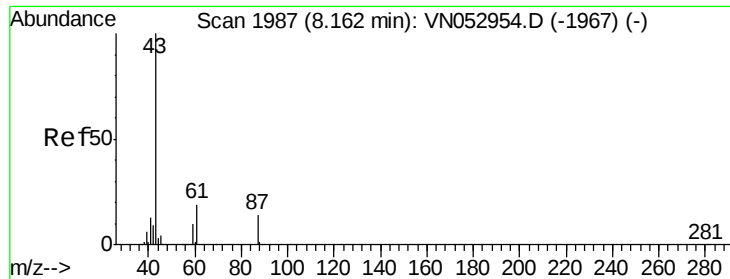
#42
1,2-Dichloroethane
Concen: 21.332 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion:	62	Resp:	248324
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	19.0



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

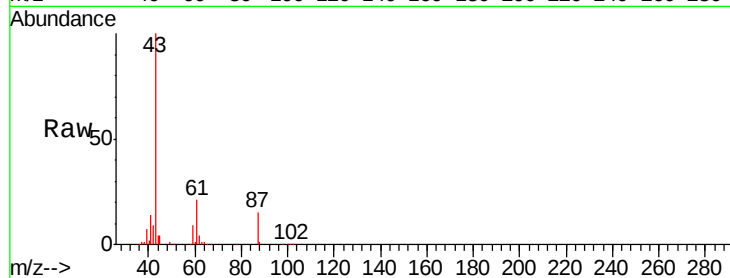




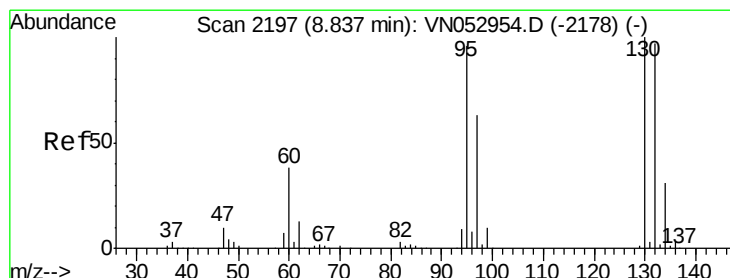
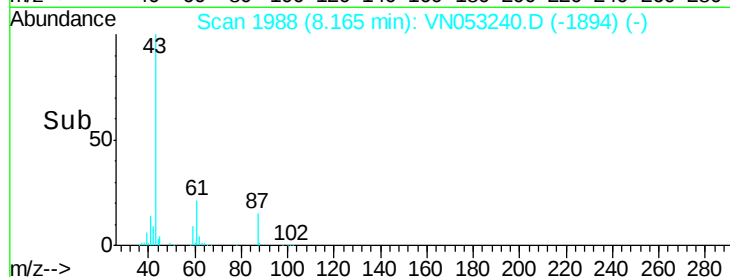
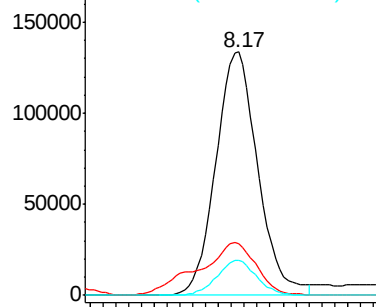
#43
Isopropyl Acetate
Concen: 20.503 ug/l
RT: 8.17 min Scan# 1988
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS01

Tgt Ion: 43 Resp: 302251
Ion Ratio Lower Upper
43 100
61 30.2 22.9 34.3
87 13.6 10.6 15.8

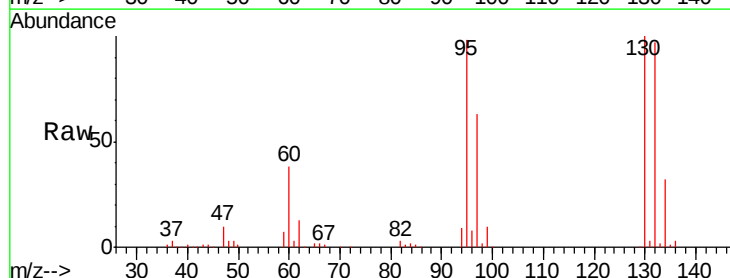


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

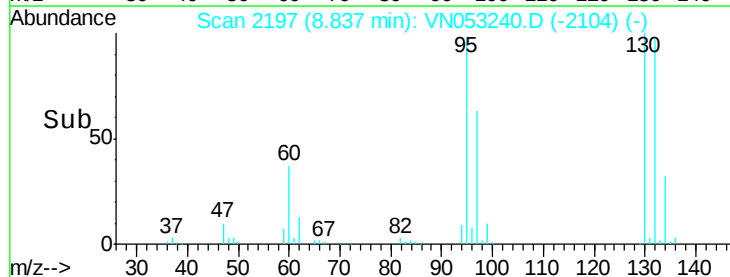
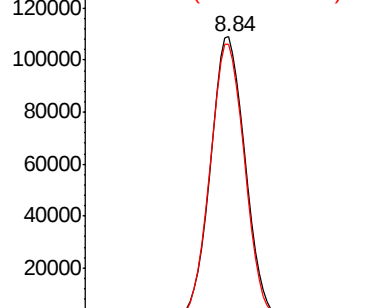


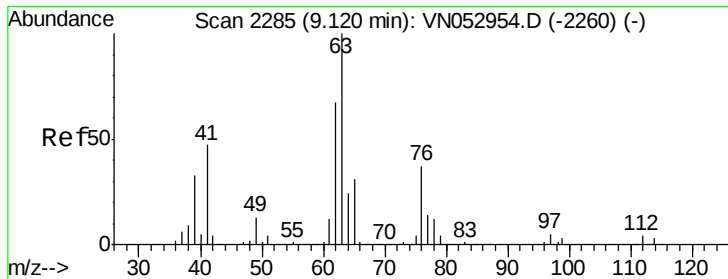
#44
Trichloroethene
Concen: 19.547 ug/l
RT: 8.84 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion: 130 Resp: 222791
Ion Ratio Lower Upper
130 100
95 97.6 0.0 197.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0

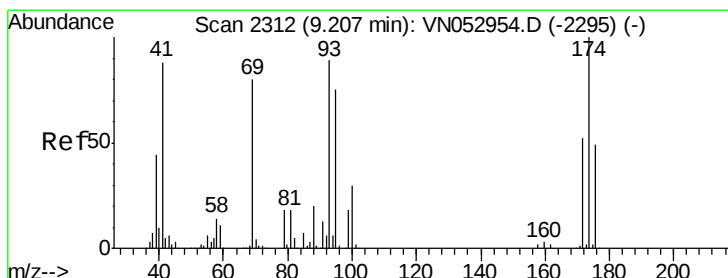
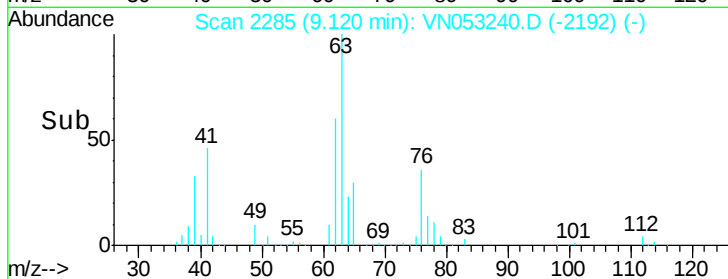
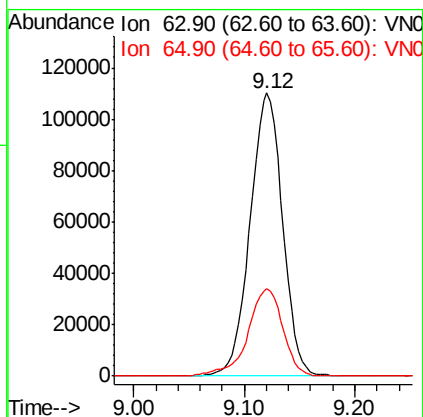
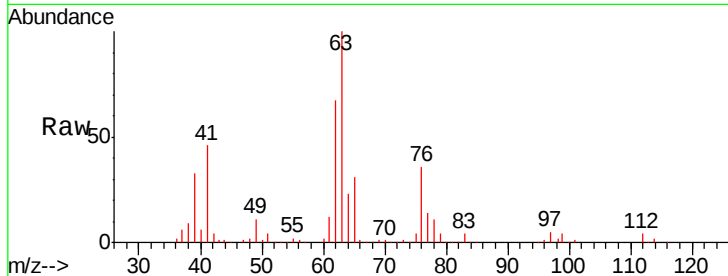




#45
 1,2-Dichloropropane
 Concen: 21.938 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

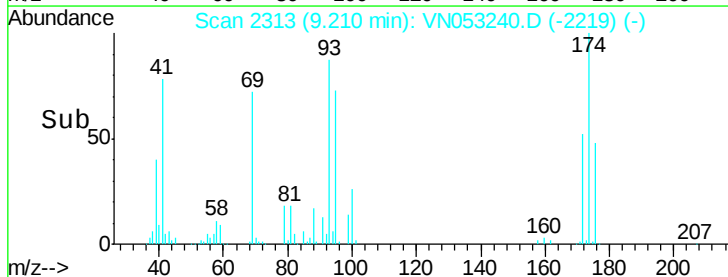
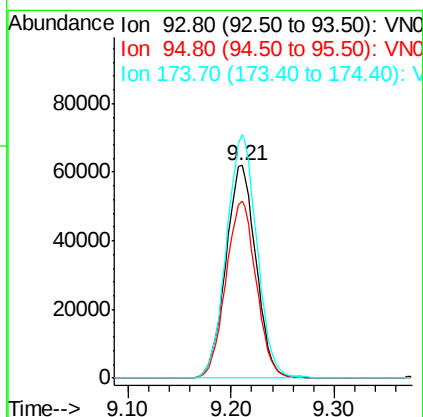
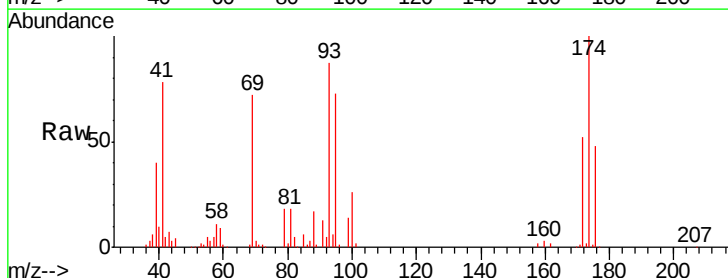
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

Tgt Ion: 63 Resp: 225176
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.6 37.0



#46
 Dibromomethane
 Concen: 21.173 ug/l
 RT: 9.21 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion: 93 Resp: 126602
 Ion Ratio Lower Upper
 93 100
 95 83.4 67.8 101.6
 174 115.0 89.0 133.4





#47

Bromodichloromethane

Concen: 21.182 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS01

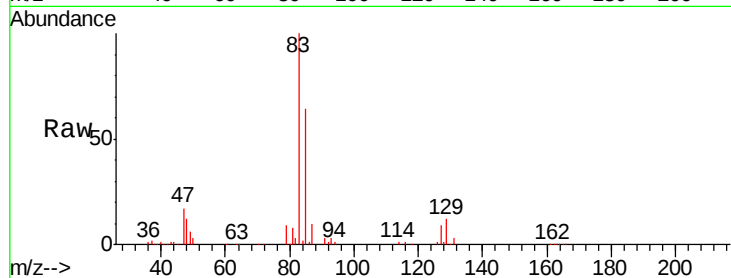
Tgt Ion: 83 Resp: 269218

Ion Ratio Lower Upper

83 100

85 64.4 51.6 77.4

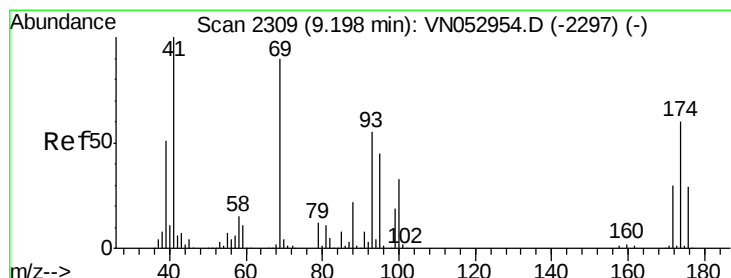
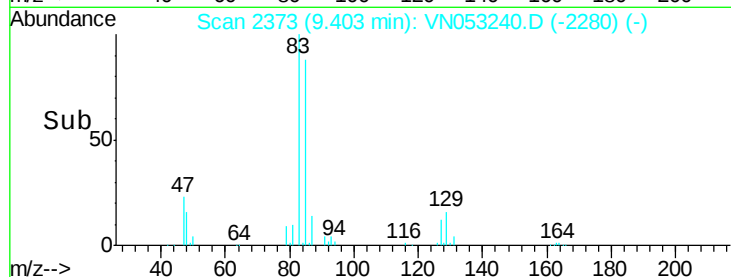
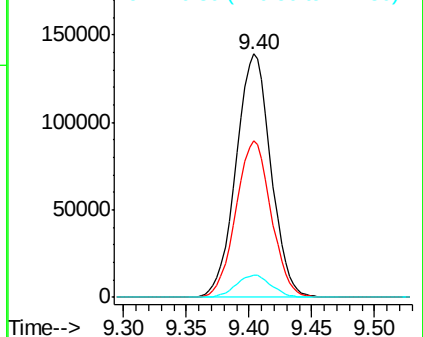
127 9.0 7.1 10.7



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: 20.444 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

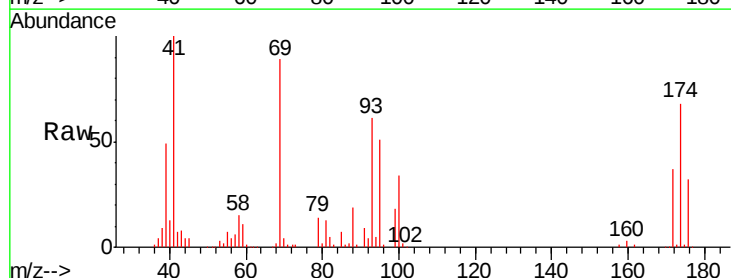
Tgt Ion: 41 Resp: 146720

Ion Ratio Lower Upper

41 100

69 93.7 72.2 108.2

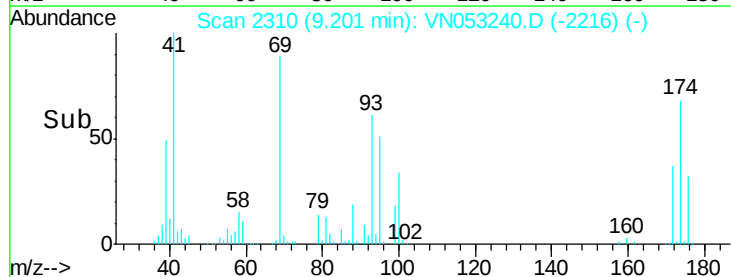
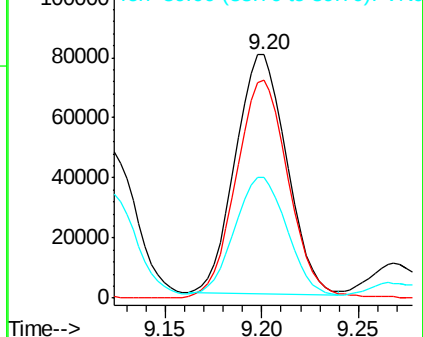
39 52.8 41.9 62.9

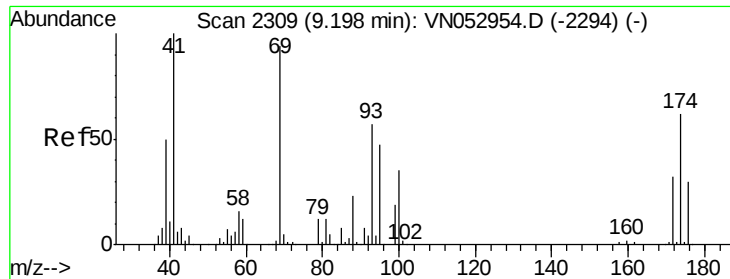


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

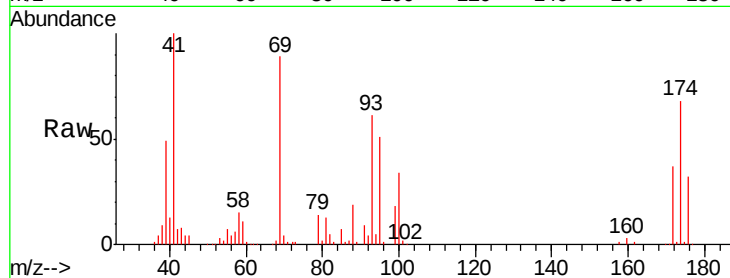




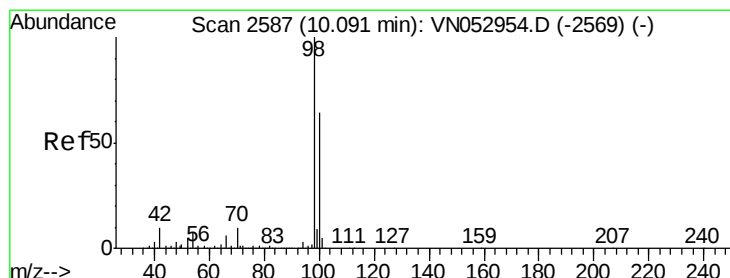
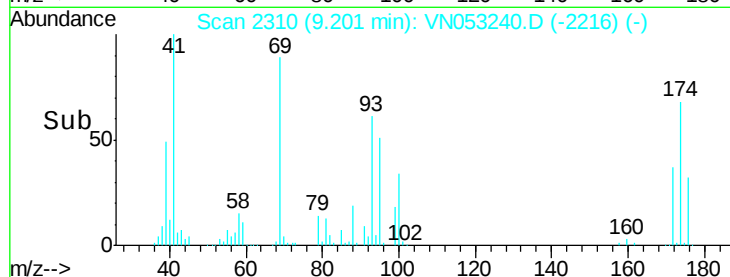
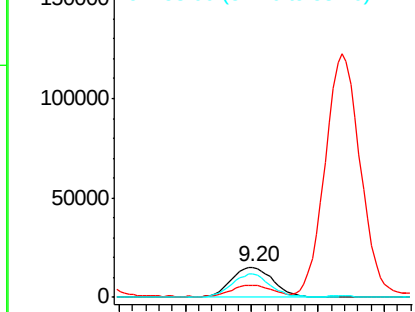
#49
1,4-Dioxane
Concen: 367.371 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS01

Tgt Ion: 88 Resp: 33350
Ion Ratio Lower Upper
88 100
43 36.6 26.6 40.0
58 72.9 58.4 87.6

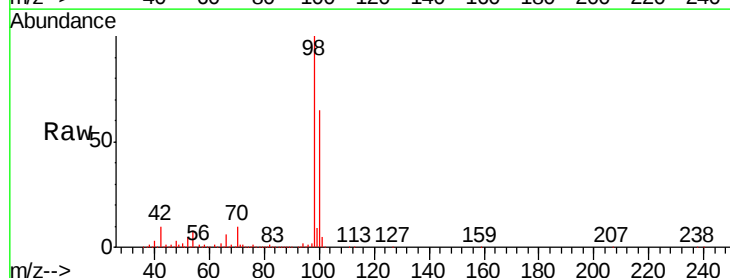


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

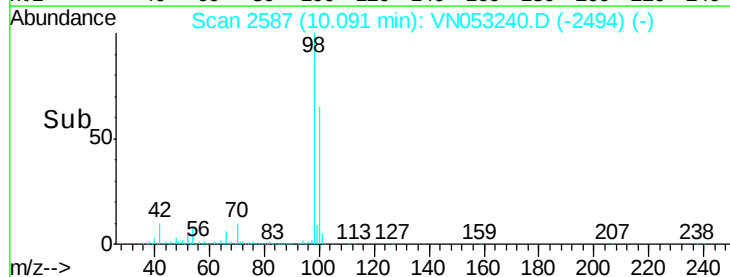
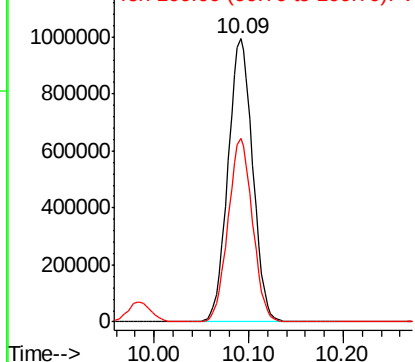


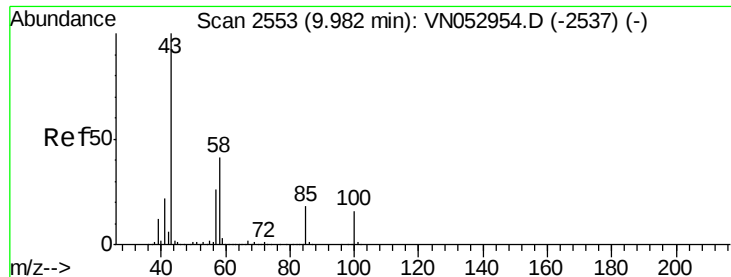
#50
Toluene-d8
Concen: 367.371 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion: 98 Resp: 1798274
Ion Ratio Lower Upper
98 100
100 64.0 51.6 77.4



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

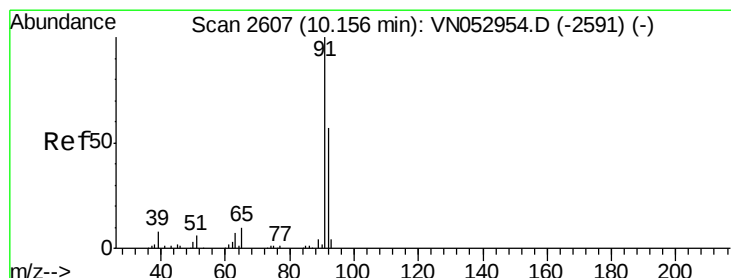
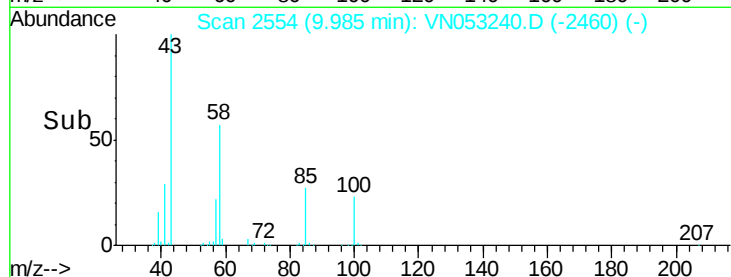
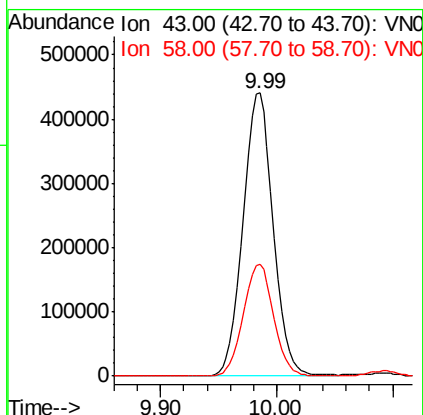
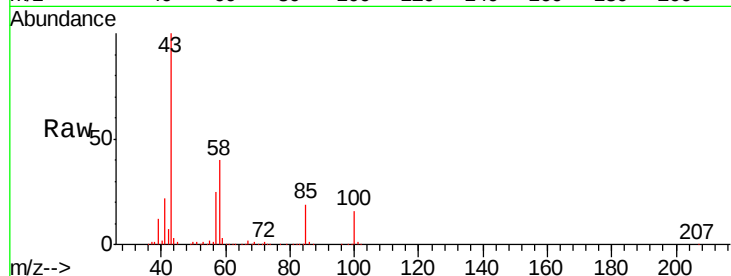




#51
 4-Methyl-2-Pentanone
 Concen: 111.273 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

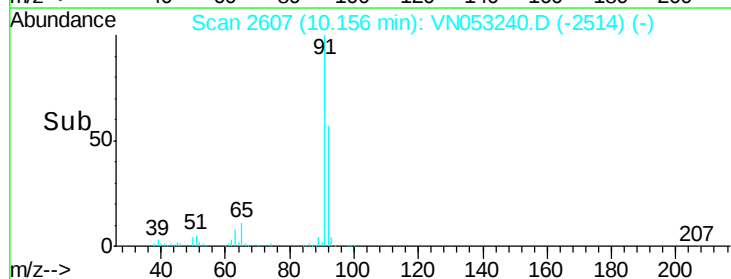
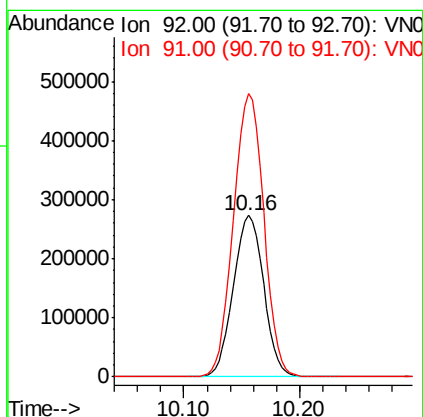
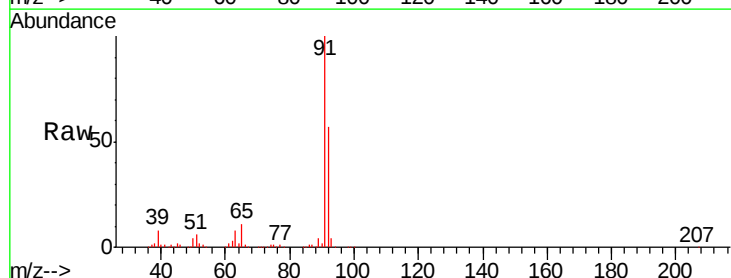
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

Tgt Ion: 43 Resp: 796951
 Ion Ratio Lower Upper
 43 100
 58 39.9 32.2 48.4



#52
 Toluene
 Concen: 20.242 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion: 92 Resp: 494396
 Ion Ratio Lower Upper
 92 100
 91 176.3 139.8 209.6





#53

t-1,3-Dichloropropene

Concen: 19.905 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

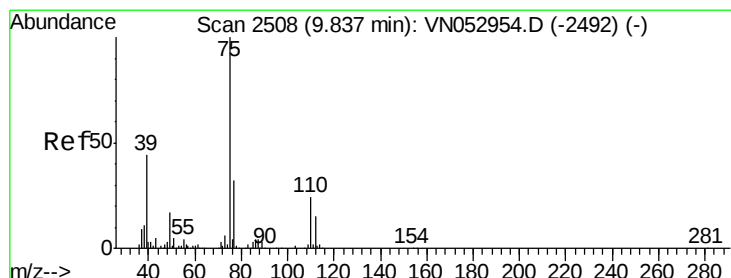
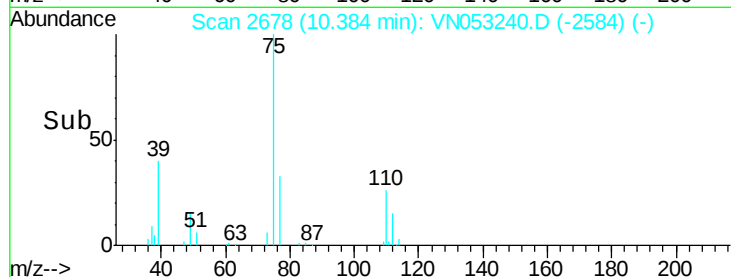
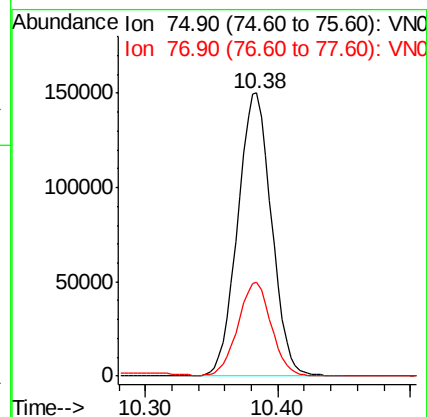
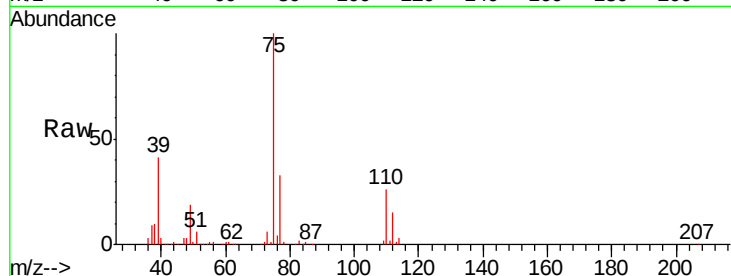
VN0102WBS01

Tgt Ion: 75 Resp: 266036

Ion Ratio Lower Upper

75 100

77 33.1 25.6 38.4



#54

cis-1,3-Dichloropropene

Concen: 20.644 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

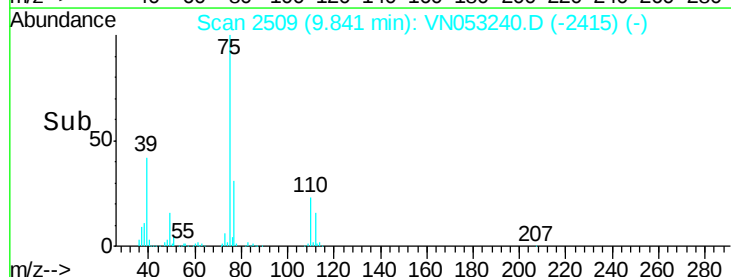
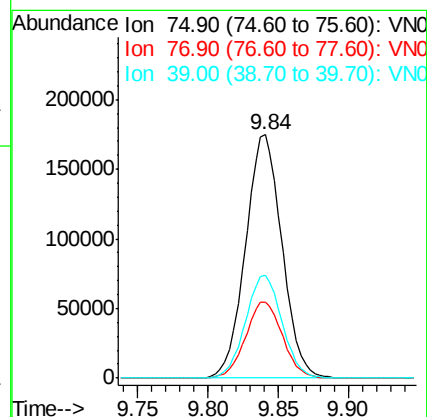
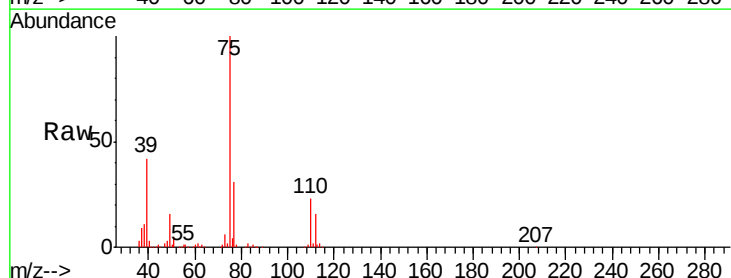
Tgt Ion: 75 Resp: 316701

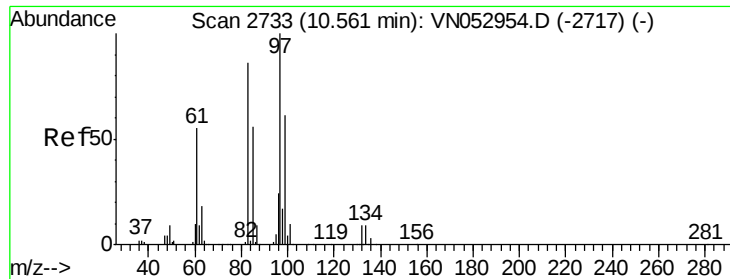
Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.8

39 42.0 34.8 52.2

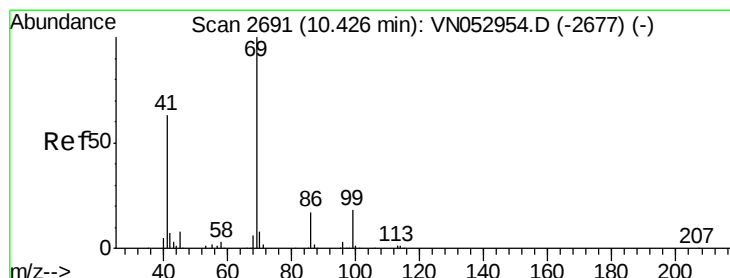
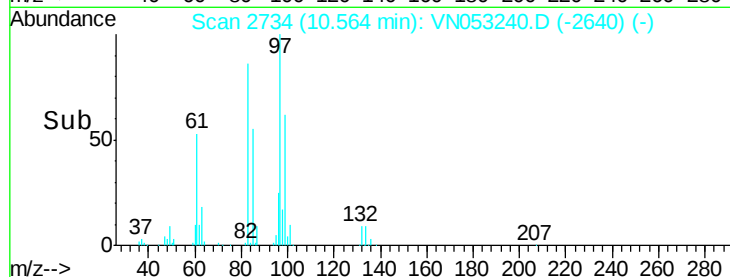
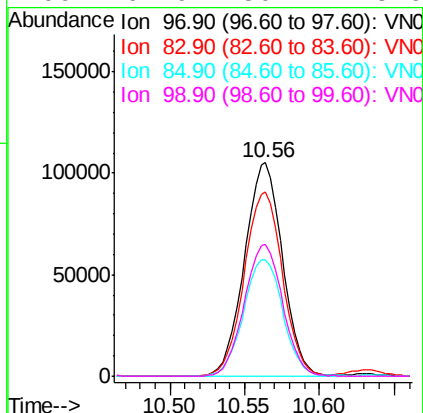
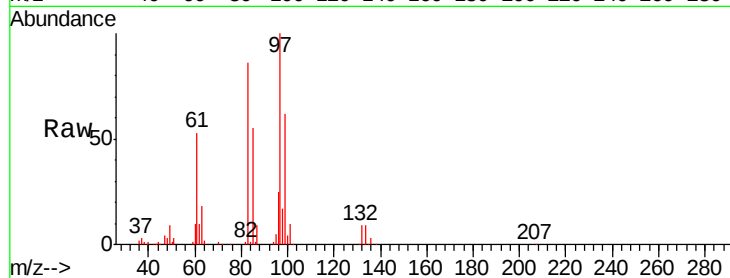




#55
 1,1,2-Trichloroethane
 Concen: 21.864 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

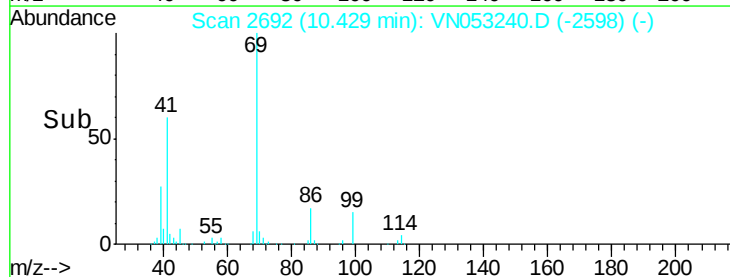
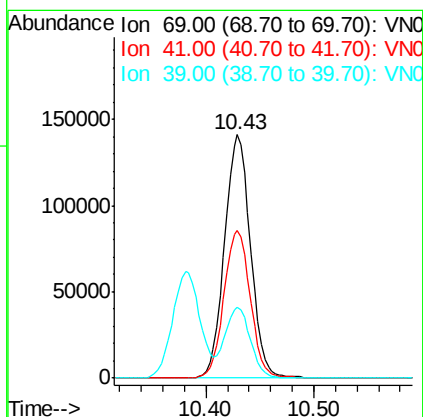
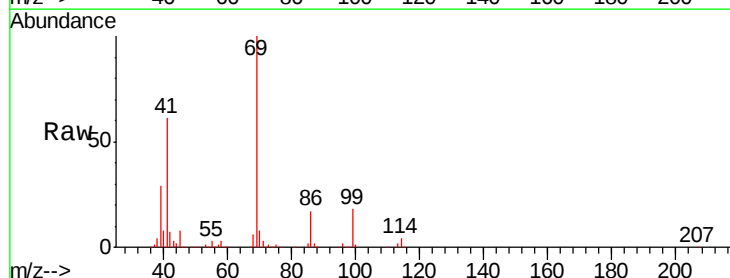
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

Tgt Ion: 97 Resp: 186305
 Ion Ratio Lower Upper
 97 100
 83 86.1 70.9 106.3
 85 54.6 45.4 68.2
 99 61.9 50.4 75.6



#56
 Ethyl methacrylate
 Concen: 20.982 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion: 69 Resp: 236641
 Ion Ratio Lower Upper
 69 100
 41 60.5 51.7 77.5
 39 28.9 24.6 37.0





#57

1,3-Dichloropropane

Concen: 21.606 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

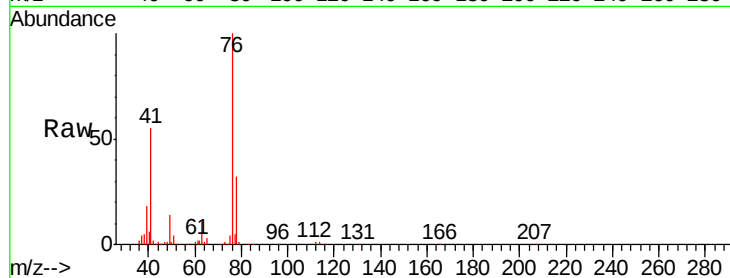
VN0102WBS01

Tgt Ion: 76 Resp: 315705

Ion Ratio Lower Upper

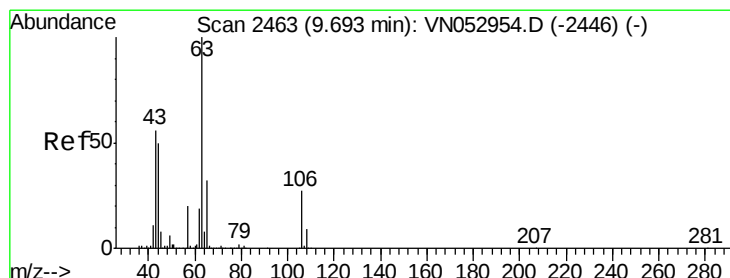
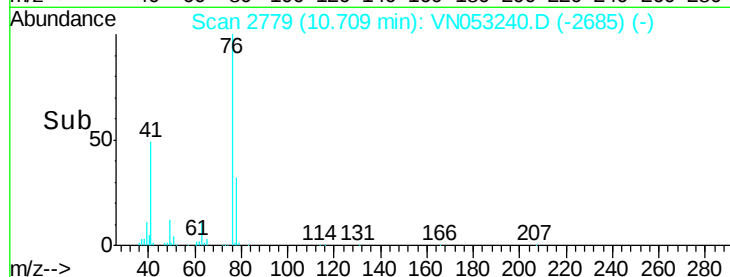
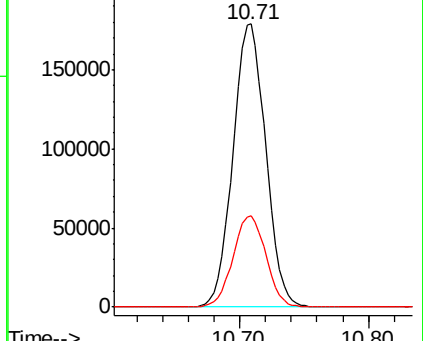
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 107.337 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053240.D

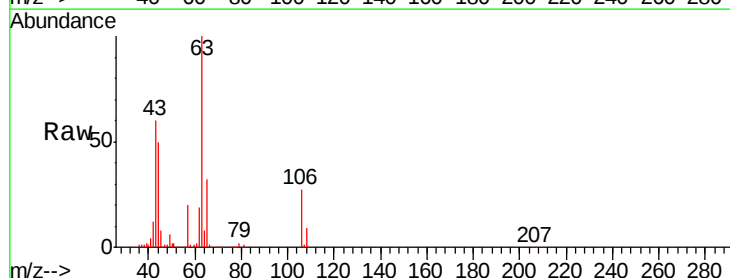
Acq: 2 Jan 2019 11:31

Tgt Ion: 63 Resp: 664611

Ion Ratio Lower Upper

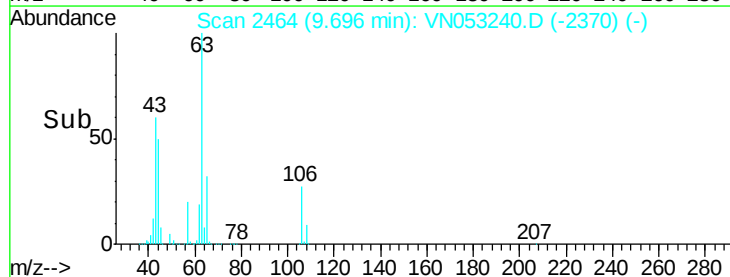
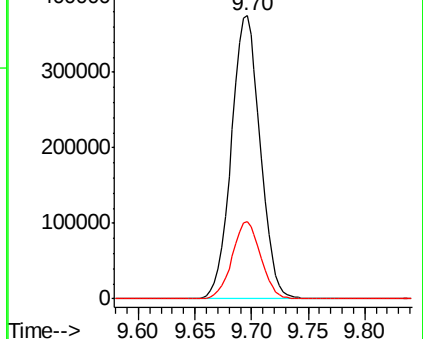
63 100

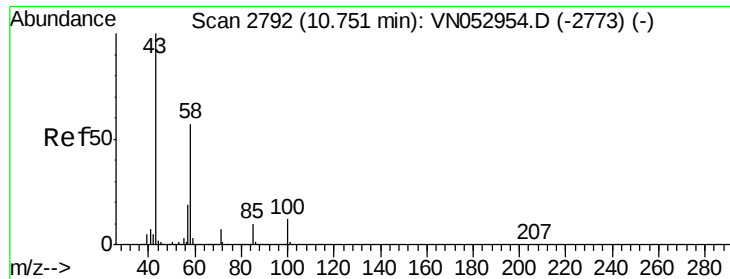
106 27.0 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

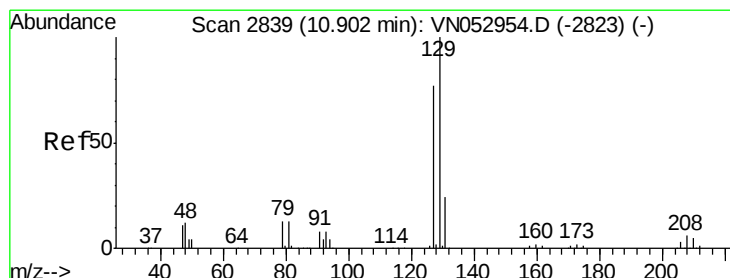
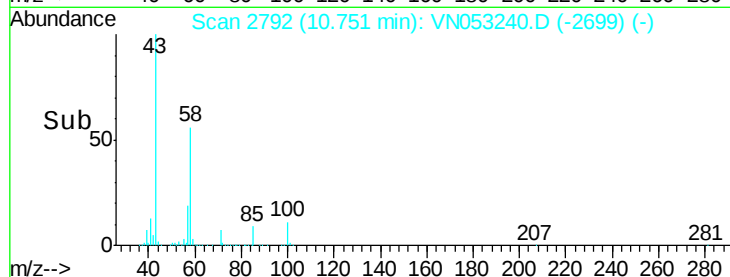
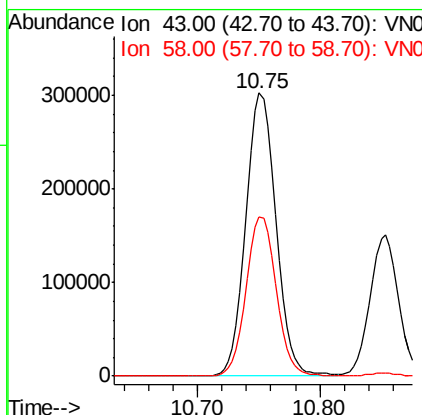
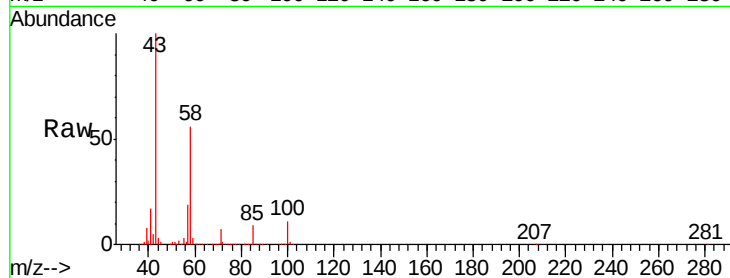




#59
2-Hexanone
Concen: 105.914 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

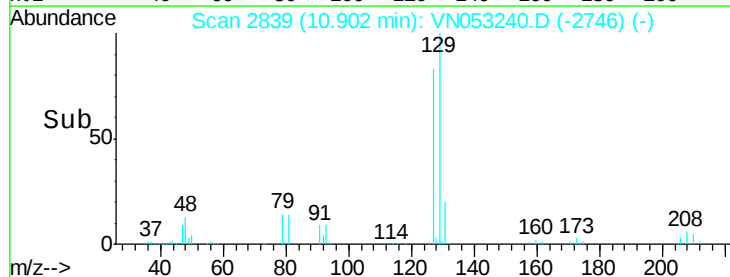
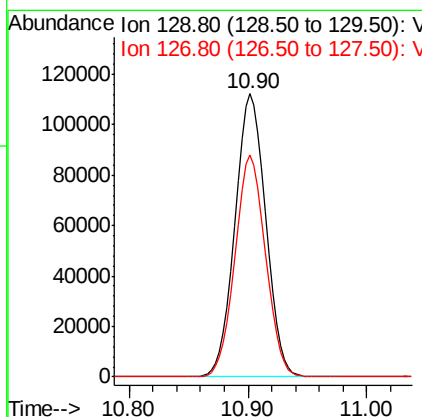
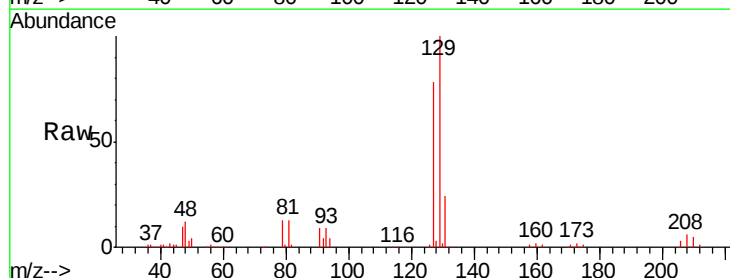
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS01

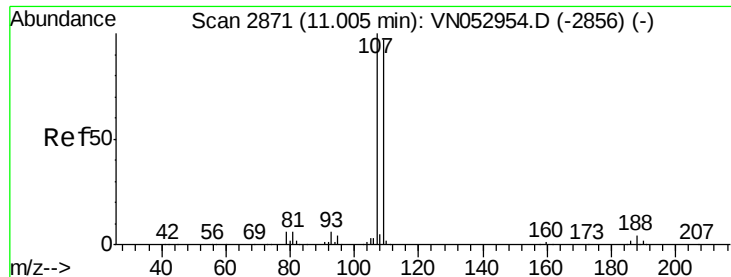
Tgt Ion: 43 Resp: 513236
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 20.652 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion: 129 Resp: 201437
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61

1,2-Dibromoethane

Concen: 20.605 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

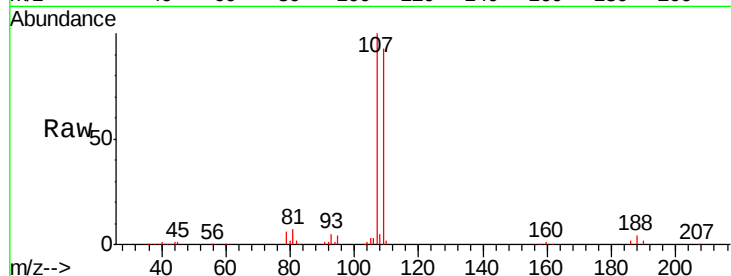
VN0102WBS01

Tgt Ion: 107 Resp: 178321

Ion Ratio Lower Upper

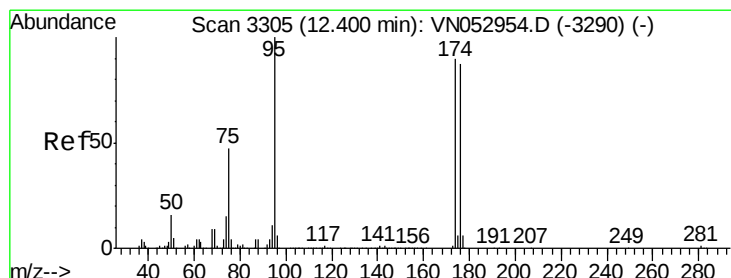
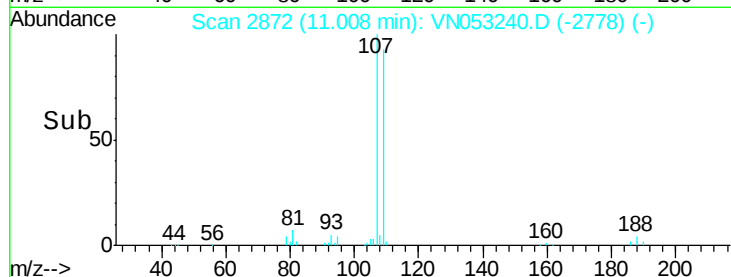
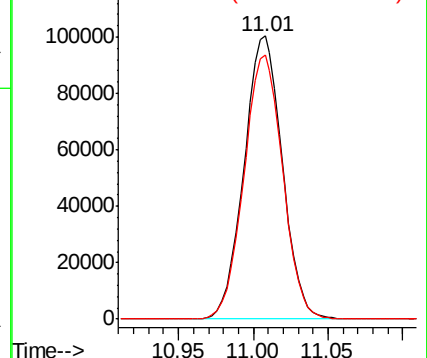
107 100

109 94.5 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 20.605 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

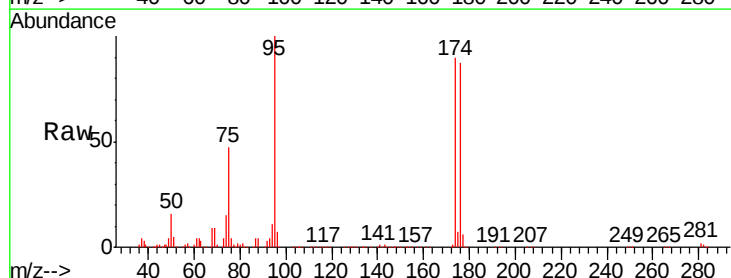
Tgt Ion: 95 Resp: 586197

Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.8

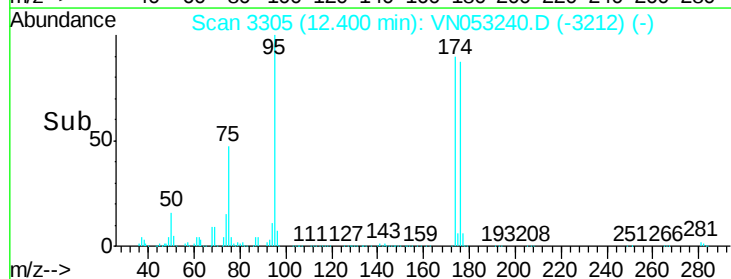
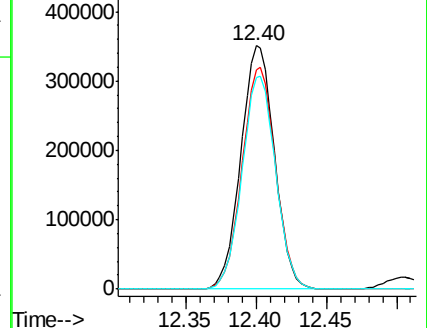
176 87.5 0.0 173.8

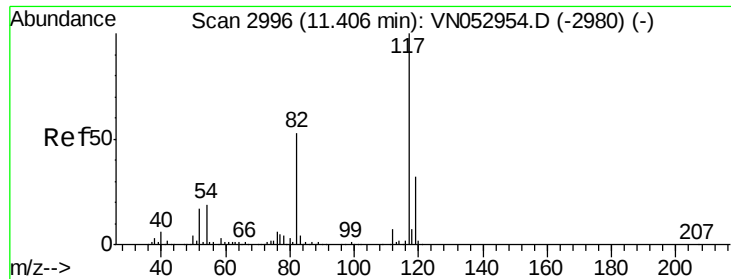


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

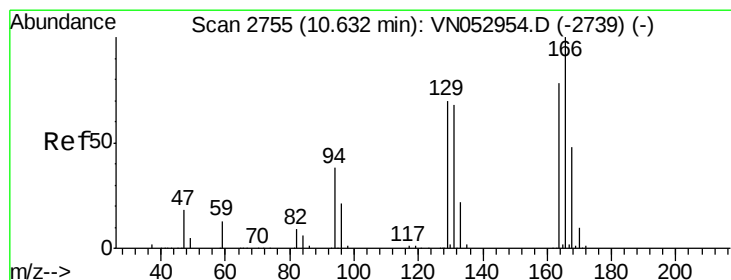
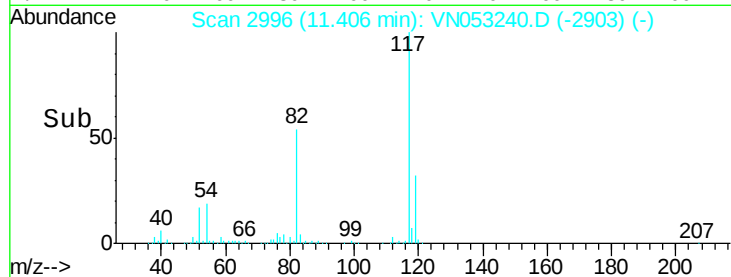
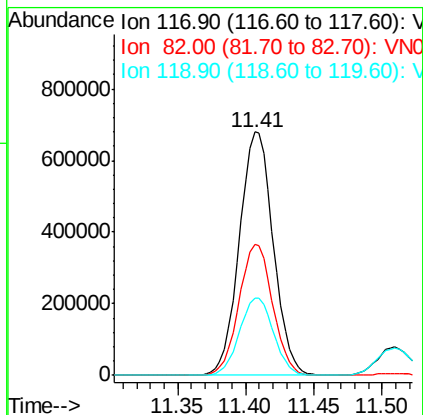
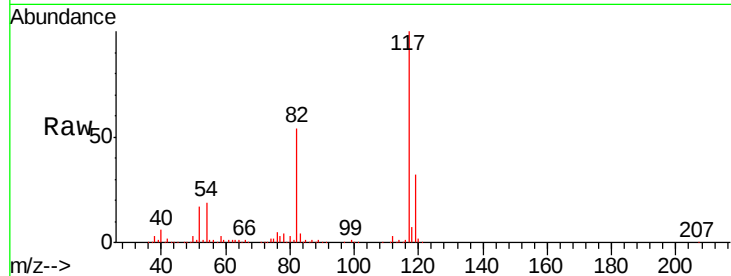




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

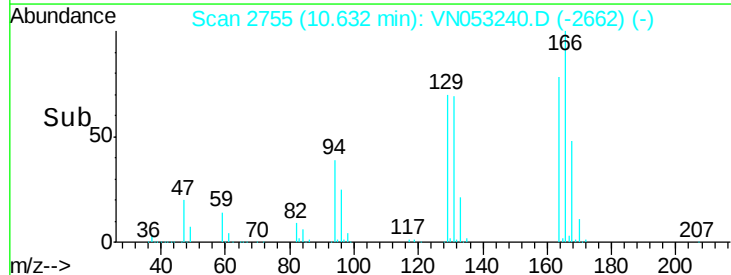
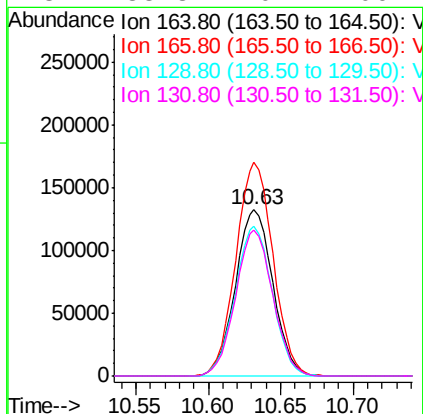
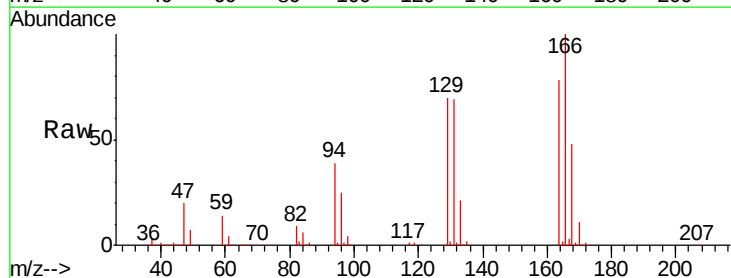
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS01

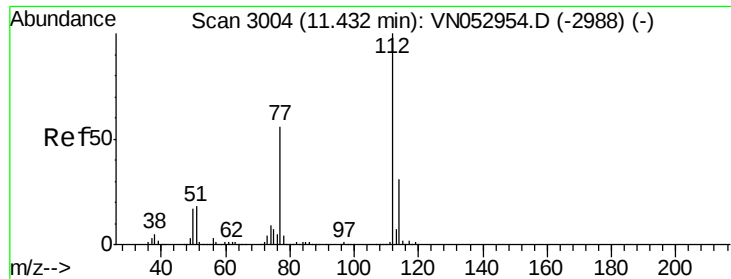
Tgt Ion:117 Resp: 1172274
Ion Ratio Lower Upper
117 100
82 53.9 42.8 64.2
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 18.706 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion:164 Resp: 237538
Ion Ratio Lower Upper
164 100
166 128.7 102.9 154.3
129 90.4 73.7 110.5
131 88.3 70.7 106.1

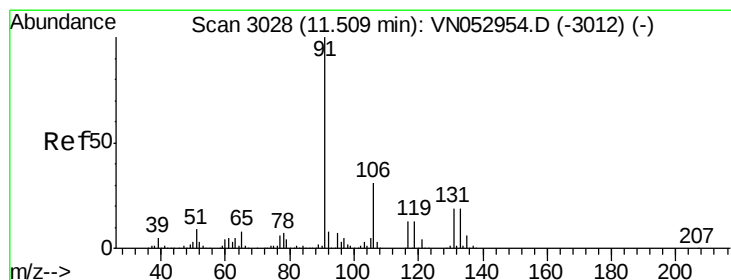
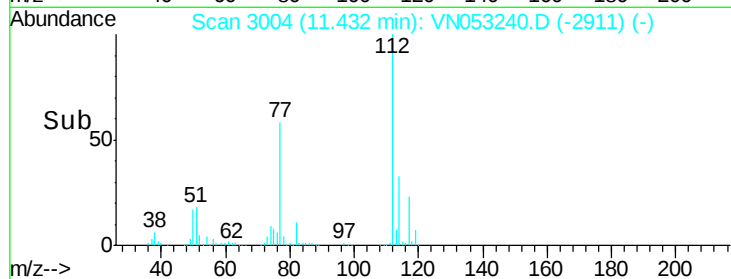
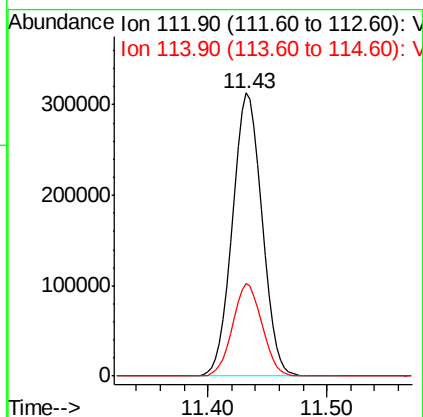
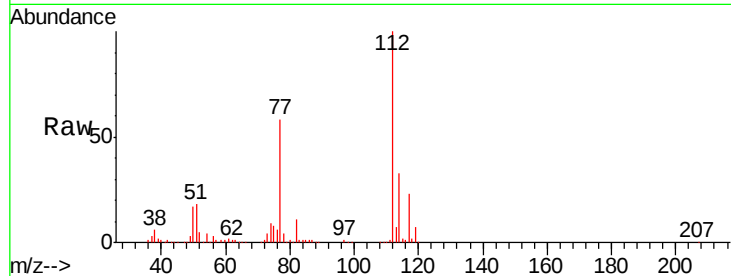




#65
Chlorobenzene
Concen: 20.776 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

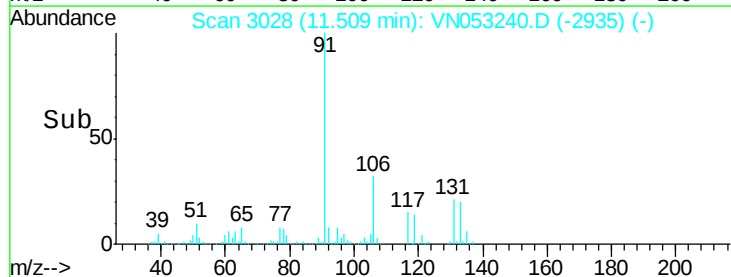
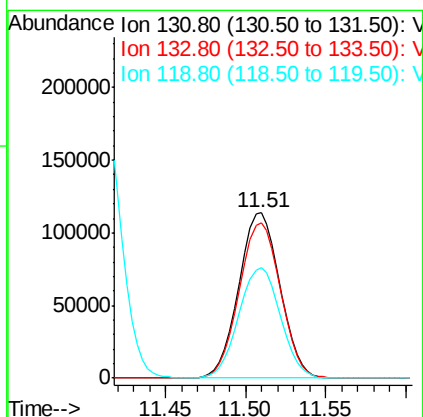
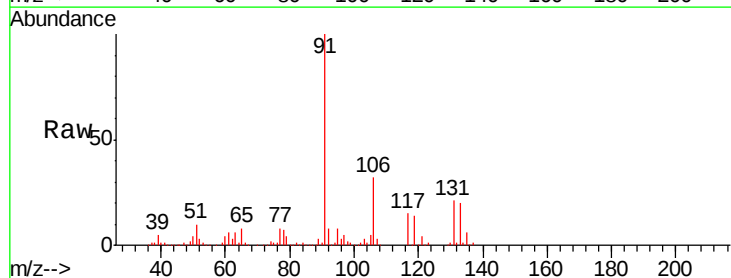
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS01

Tgt Ion:112 Resp: 539893
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 22.117 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion:131 Resp: 199863
Ion Ratio Lower Upper
131 100
133 94.4 47.6 142.9
119 67.9 33.3 99.8





#67

Ethyl Benzene

Concen: 20.470 ug/l

RT: 11.51 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

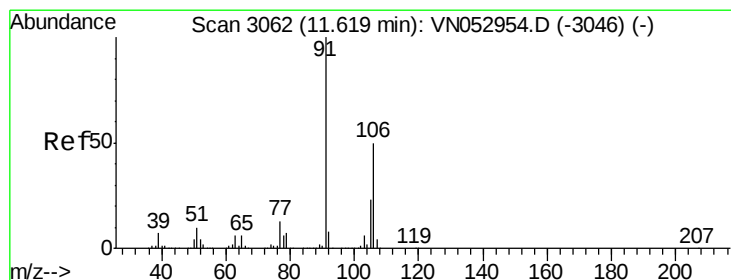
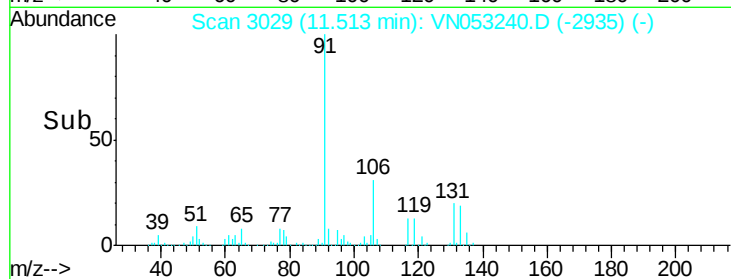
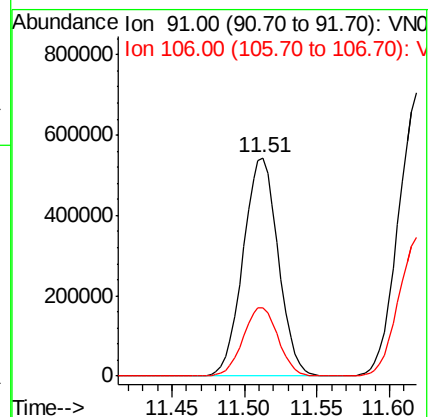
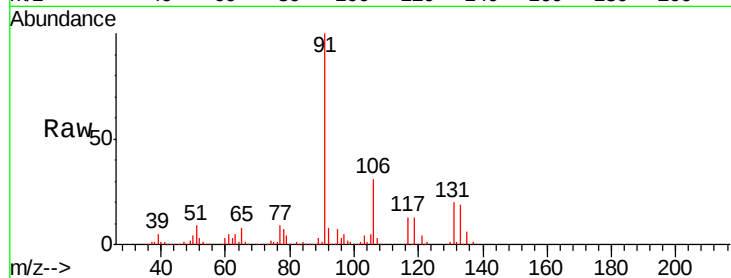
VN0102WBS01

Tgt Ion: 91 Resp: 914775

Ion Ratio Lower Upper

91 100

106 31.4 24.9 37.3



#68

m/p-Xylenes

Concen: 40.267 ug/l

RT: 11.62 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VN053240.D

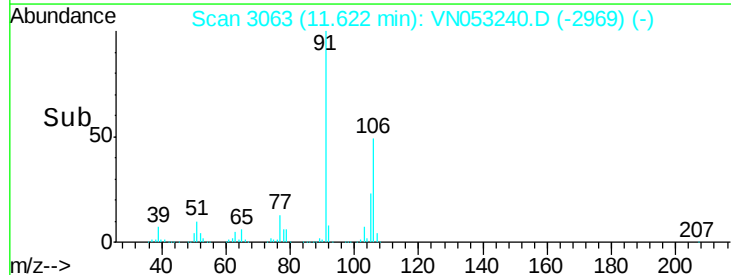
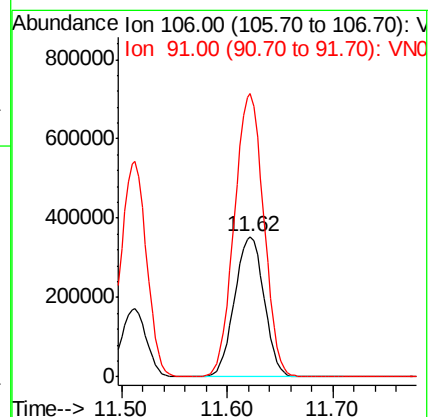
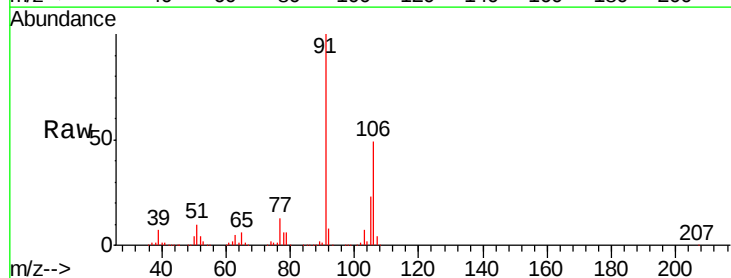
Acq: 2 Jan 2019 11:31

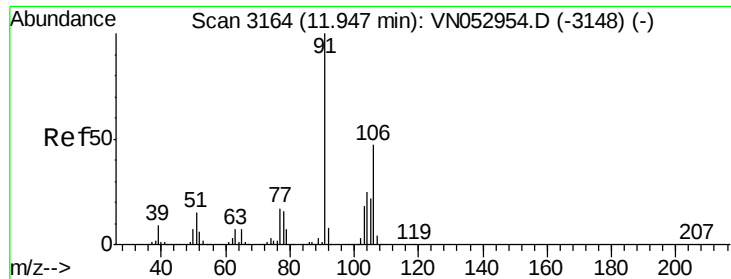
Tgt Ion: 106 Resp: 684099

Ion Ratio Lower Upper

106 100

91 202.0 162.2 243.4

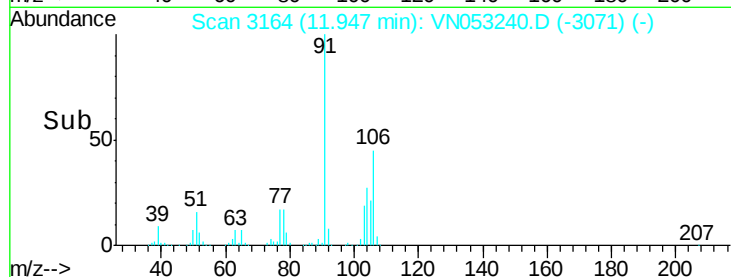
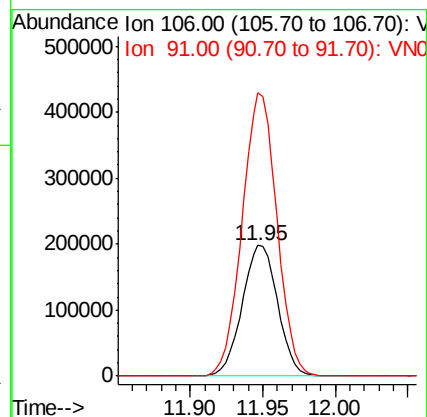
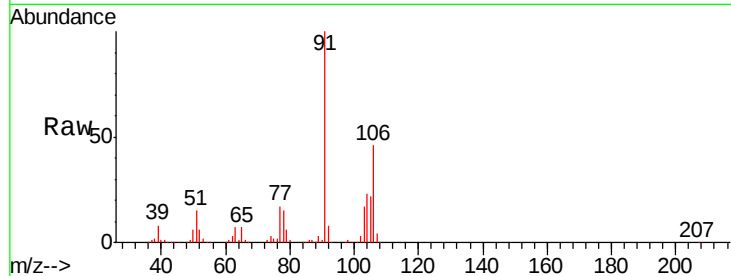




#69
o-Xylene
Concen: 20.588 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

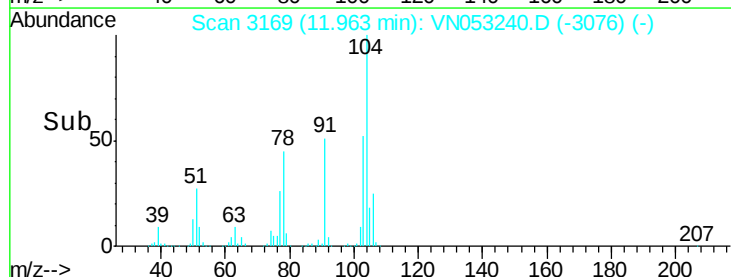
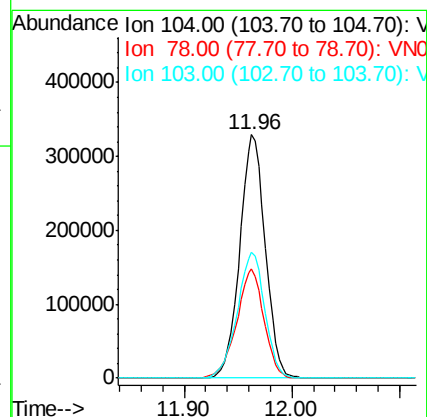
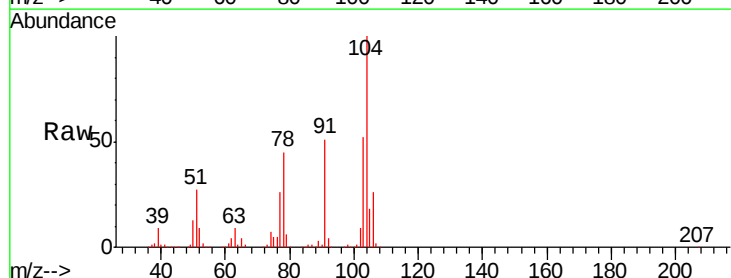
Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS01

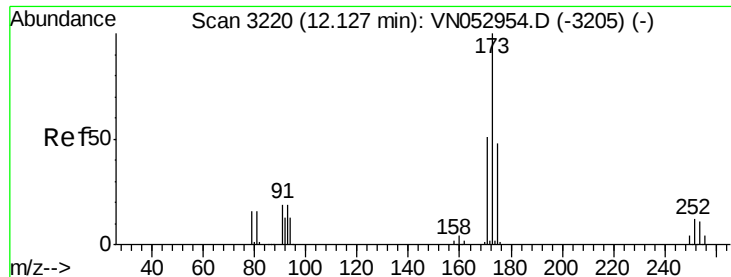
Tgt Ion:106 Resp: 335623
Ion Ratio Lower Upper
106 100
91 212.8 106.6 319.8



#70
Styrene
Concen: 20.445 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion:104 Resp: 543491
Ion Ratio Lower Upper
104 100
78 47.9 38.9 58.3
103 55.9 44.3 66.5





#71

Bromoform

Concen: 20.577 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0102WBS01

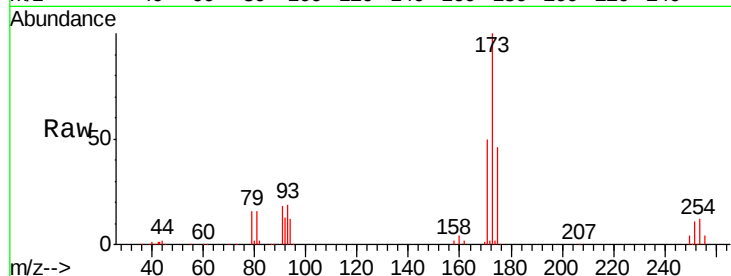
Tgt Ion:173 Resp: 134332

Ion Ratio Lower Upper

173 100

175 47.2 24.3 72.9

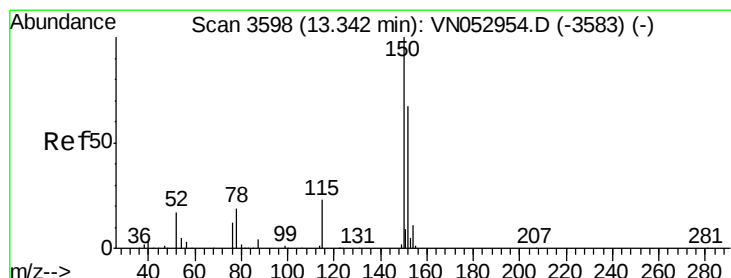
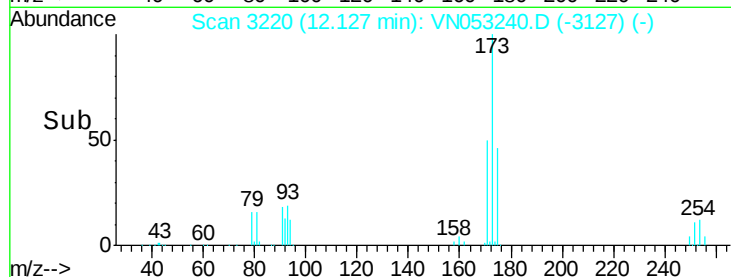
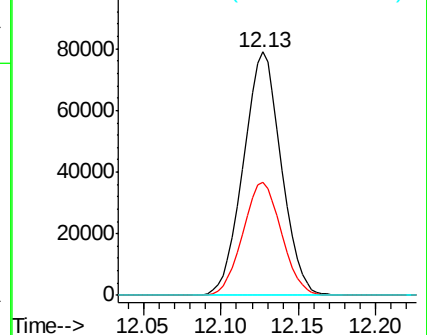
254 0.0 0.1 0.1#



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: VN053240.D

Acq: 2 Jan 2019 11:31

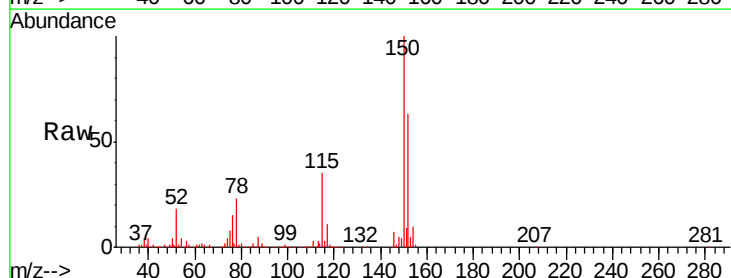
Tgt Ion:152 Resp: 501821

Ion Ratio Lower Upper

152 100

115 55.3 28.3 85.0

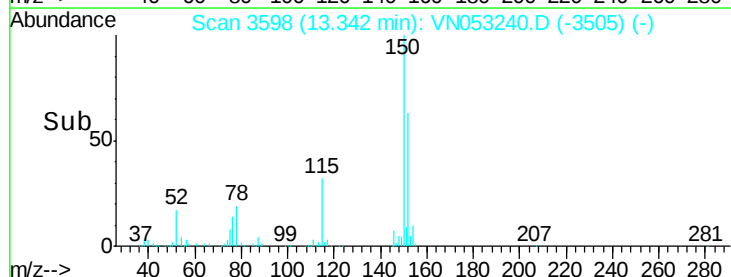
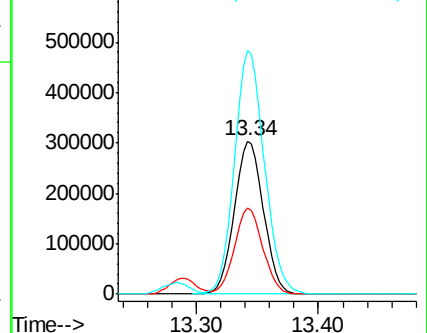
150 164.3 0.0 347.8

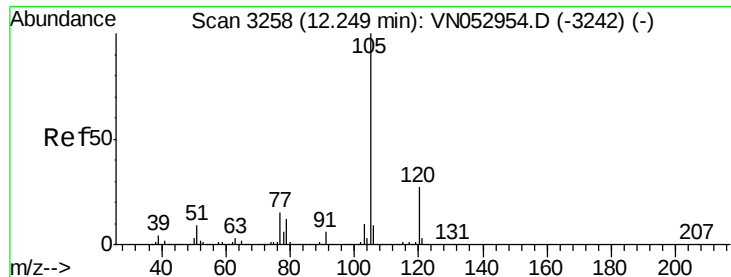


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.623 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

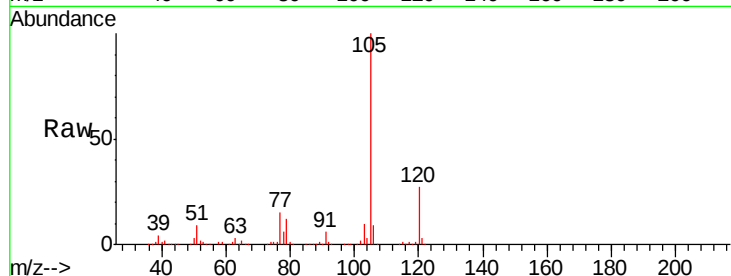
VN0102WBS01

Tgt Ion: 105 Resp: 888252

Ion Ratio Lower Upper

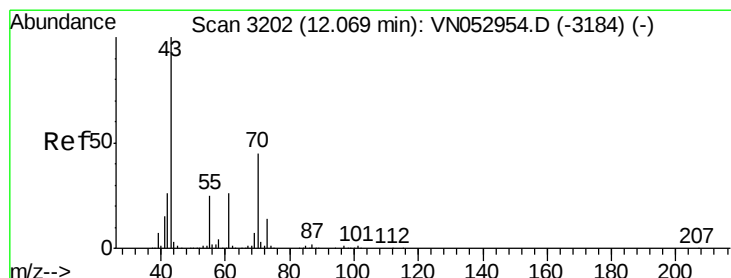
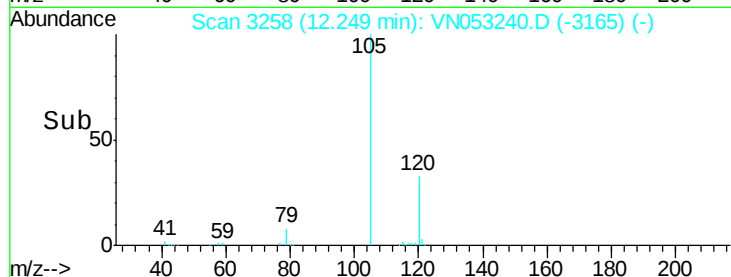
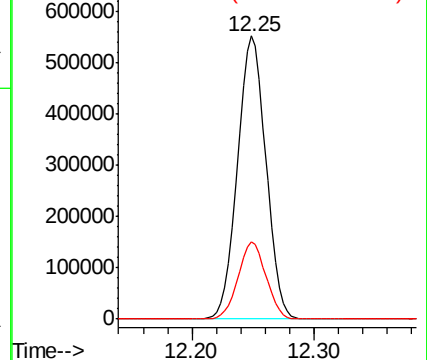
105 100

120 26.9 13.3 39.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.403 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Tgt Ion: 43 Resp: 233316

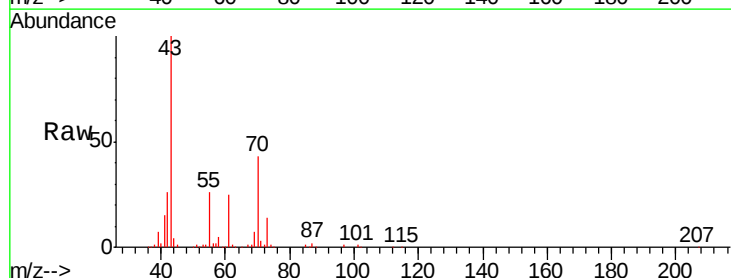
Ion Ratio Lower Upper

43 100

70 43.9 34.2 51.4

55 25.7 20.3 30.5

61 25.4 20.0 30.0

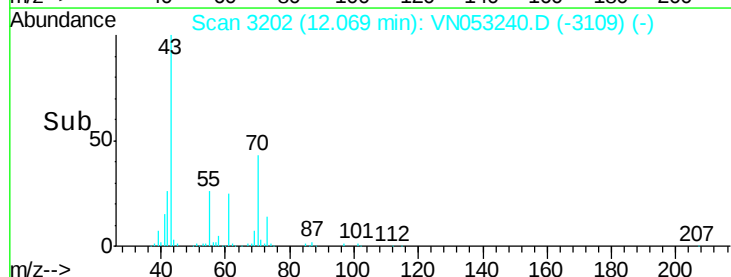
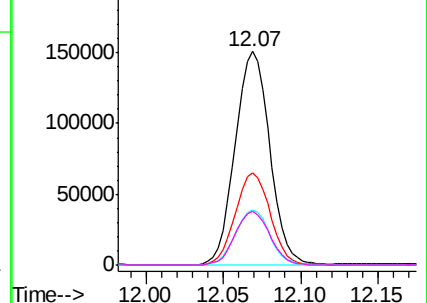


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 26.220 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS01

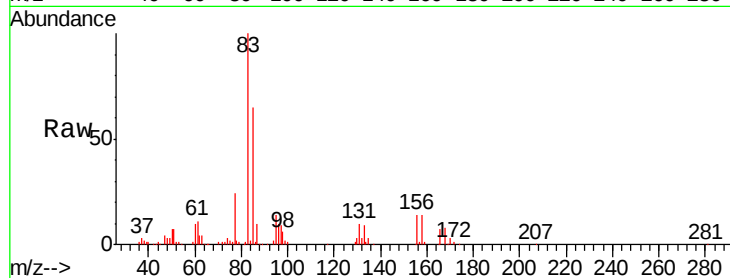
Tgt Ion: 83 Resp: 201967

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

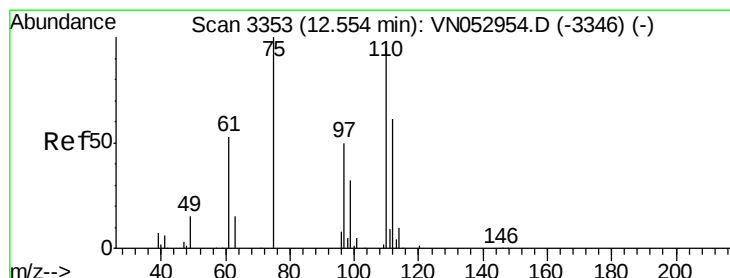
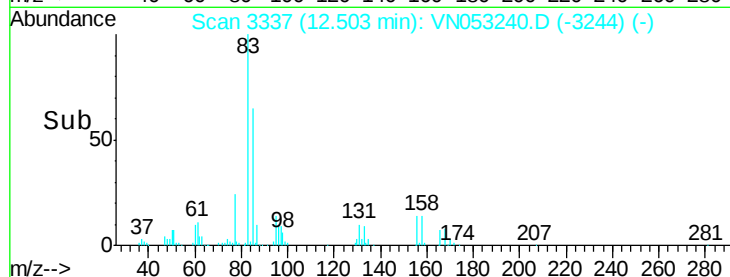
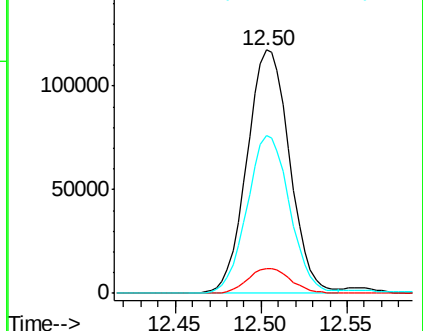
85 64.5 32.4 97.0



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: 30.302 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. -0.00 min

Lab File: VN053240.D

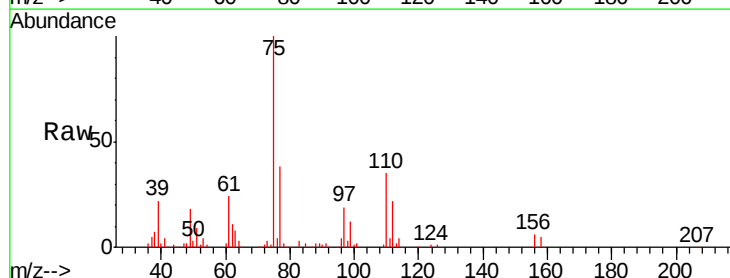
Acq: 2 Jan 2019 11:31

Tgt Ion: 75 Resp: 255984

Ion Ratio Lower Upper

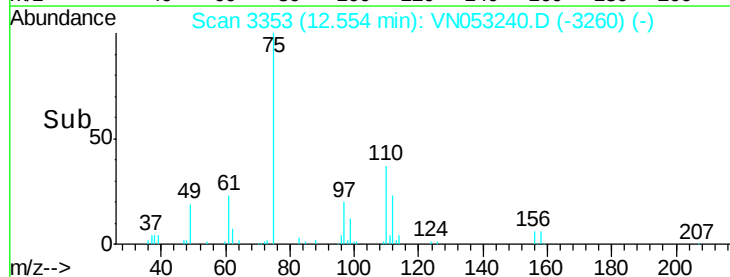
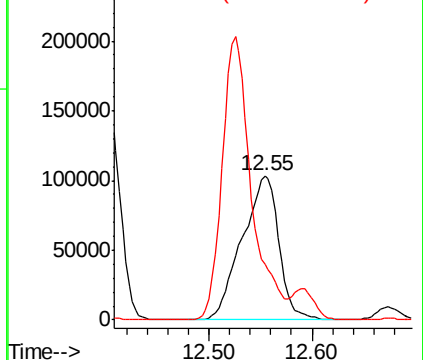
75 100

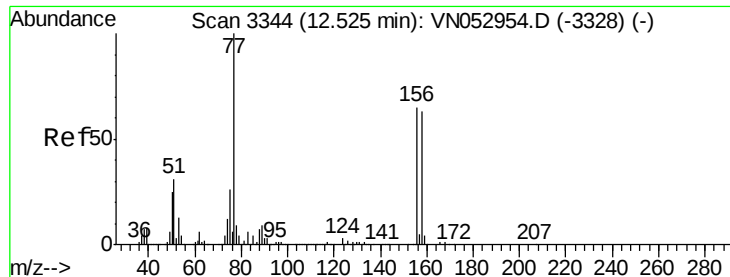
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 22.186 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0102WBS01

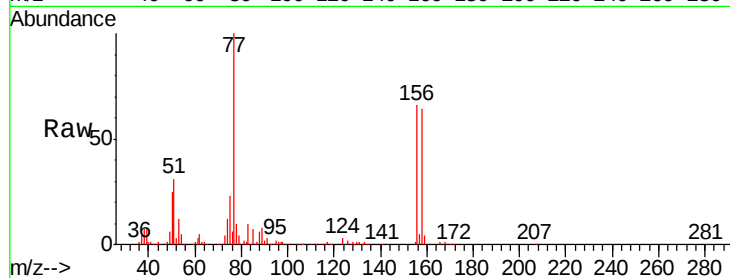
Tgt Ion:156 Resp: 226437

Ion Ratio Lower Upper

156 100

77 177.7 91.3 273.8

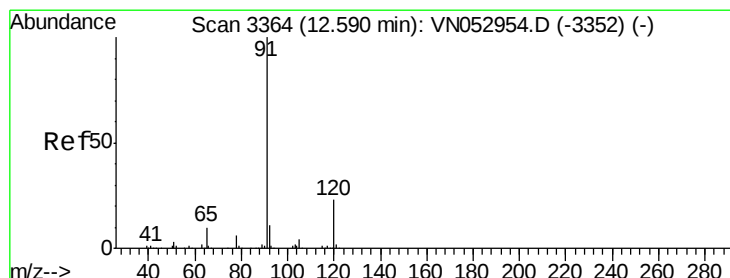
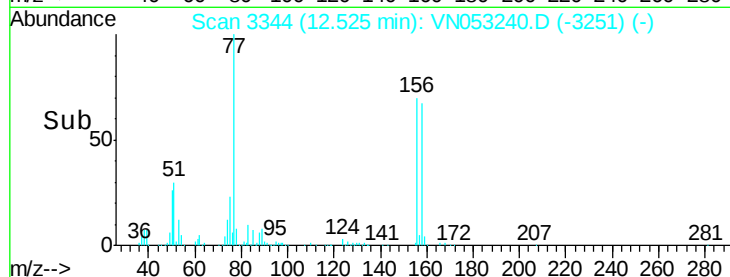
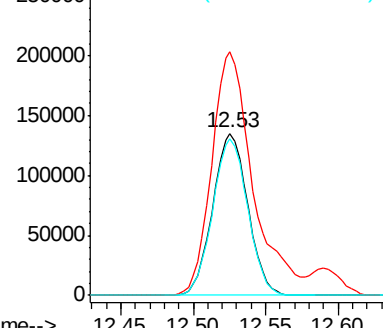
158 96.9 49.0 147.2



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: 21.694 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053240.D

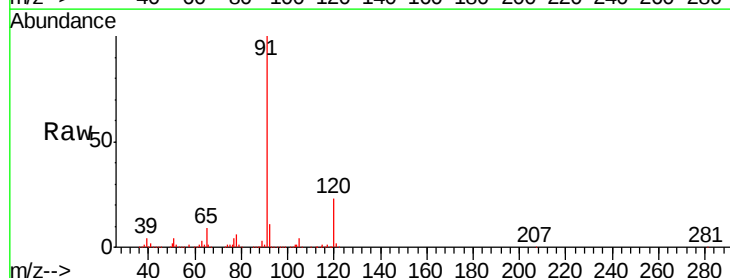
Acq: 2 Jan 2019 11:31

Tgt Ion: 91 Resp: 970113

Ion Ratio Lower Upper

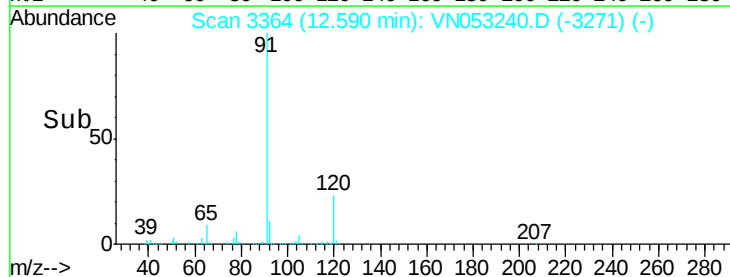
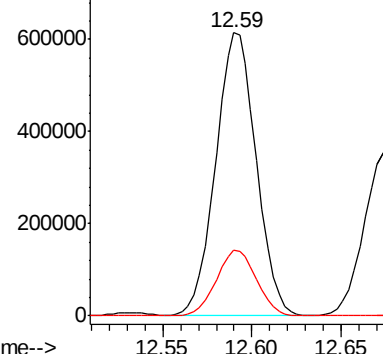
91 100

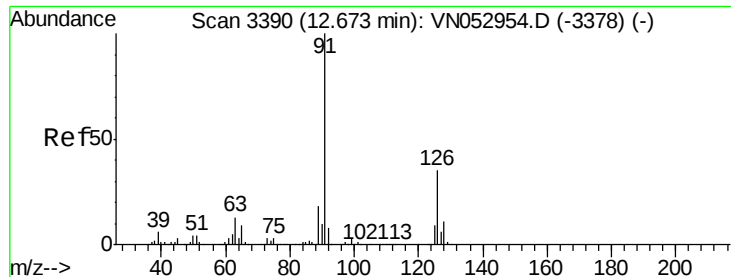
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.994 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

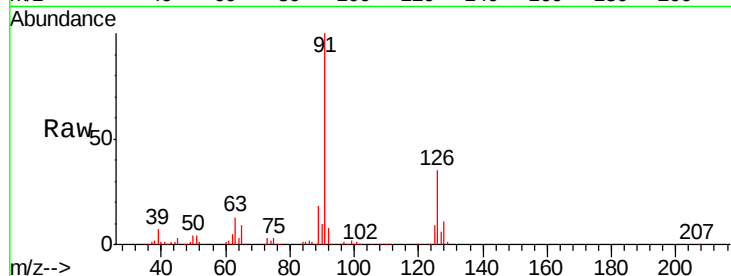
VN0102WBS01

Tgt Ion: 91 Resp: 581905

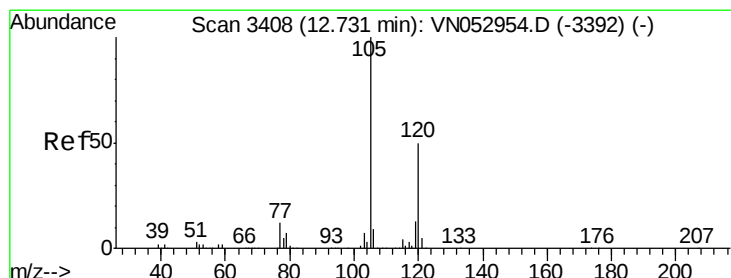
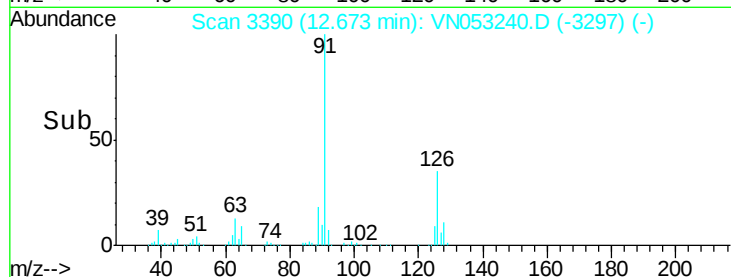
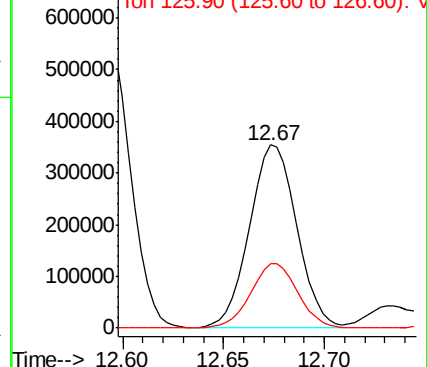
Ion Ratio Lower Upper

91 100

126 35.2 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VN053240.D (-3297) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.363 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053240.D

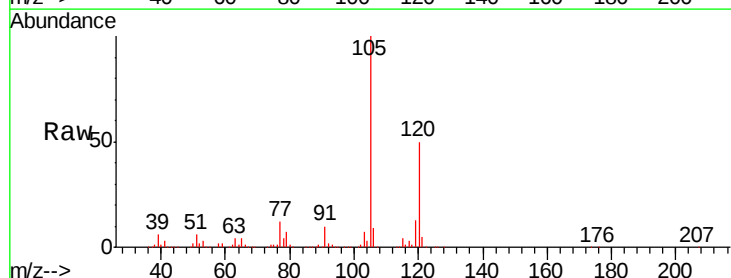
Acq: 2 Jan 2019 11:31

Tgt Ion: 105 Resp: 683690

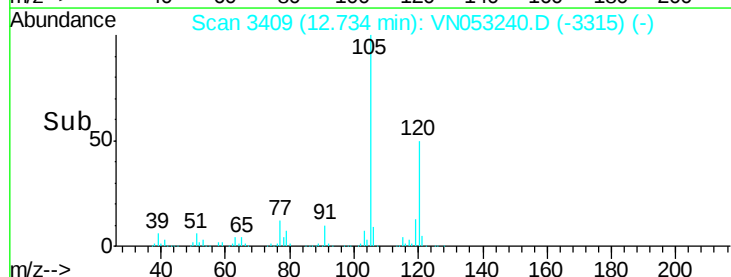
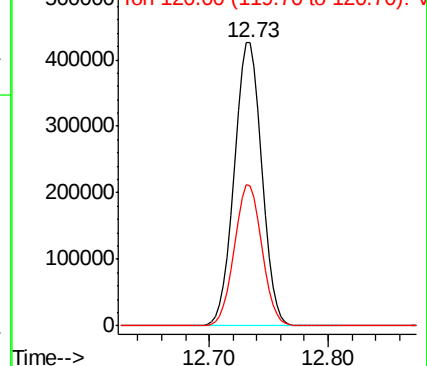
Ion Ratio Lower Upper

105 100

120 49.7 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): VN053240.D (-3315) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 21.176 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampled :

VN0102WBS01

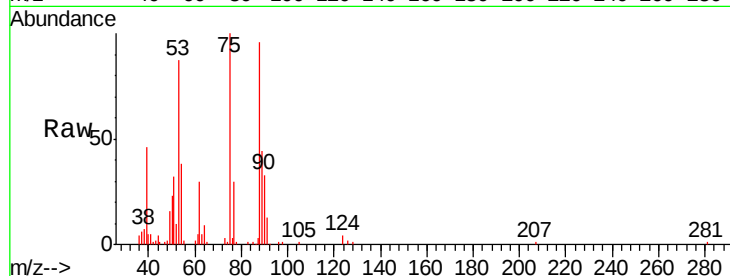
Tgt Ion: 75 Resp: 55502

Ion Ratio Lower Upper

75 100

53 91.1 74.7 112.1

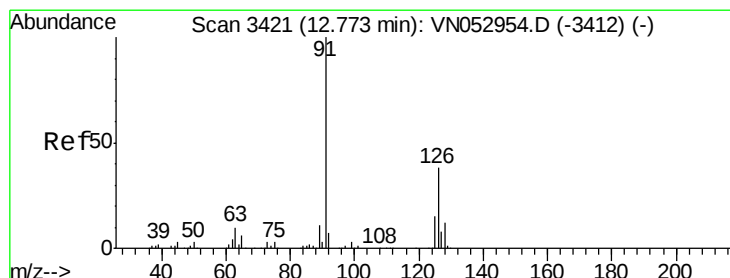
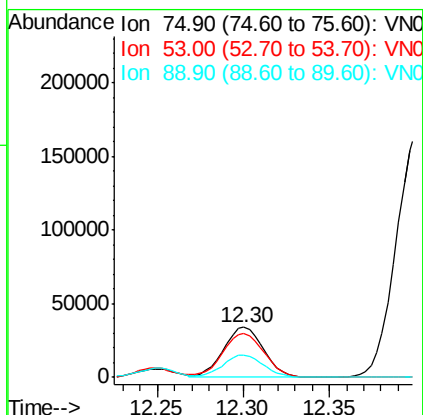
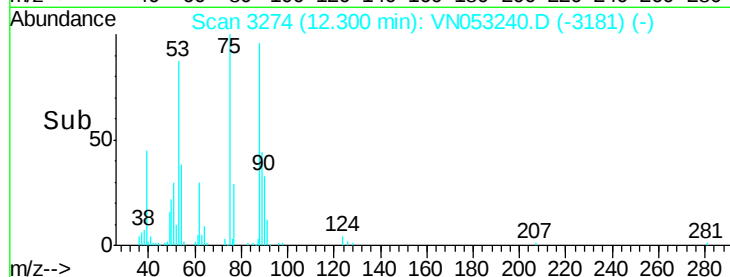
89 44.9 36.1 54.1



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: 21.361 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. -0.00 min

Lab File: VN053240.D

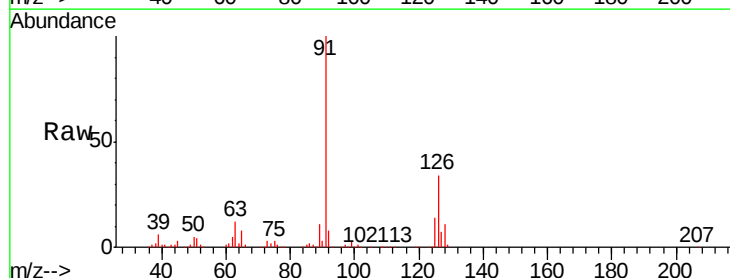
Acq: 2 Jan 2019 11:31

Tgt Ion: 91 Resp: 579583

Ion Ratio Lower Upper

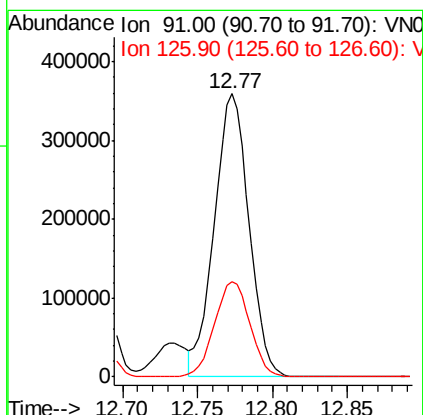
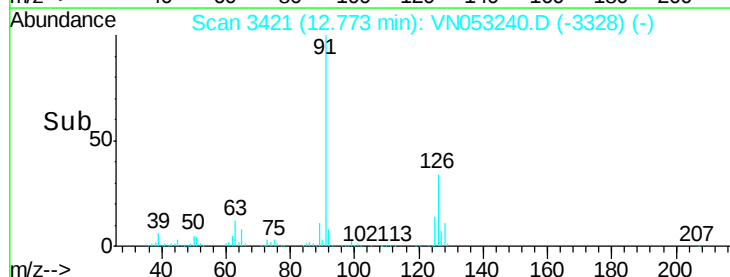
91 100

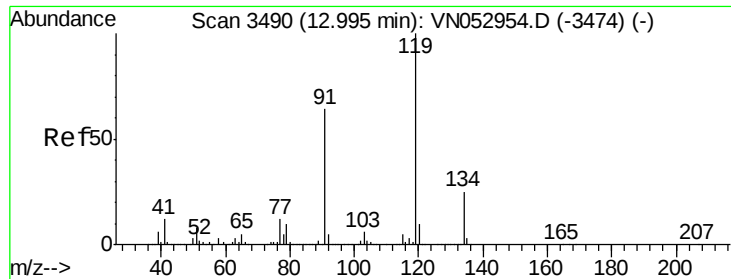
126 34.4 17.3 51.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

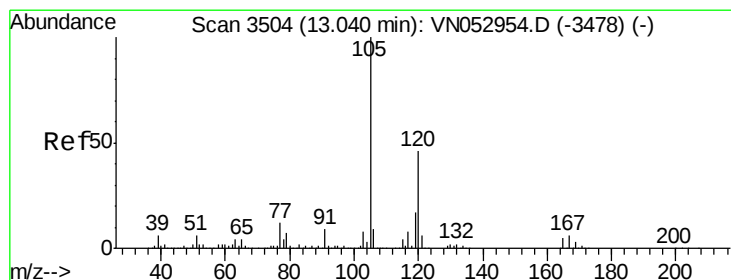
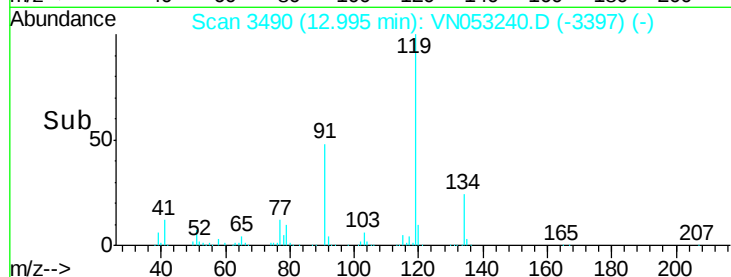
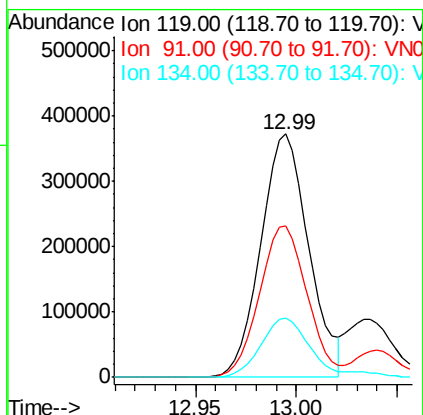
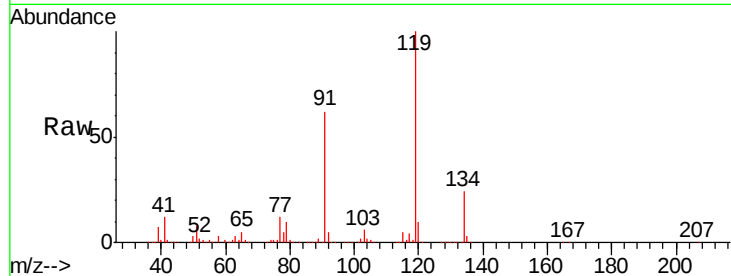




#83
 tert-Butylbenzene
 Concen: 21.845 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

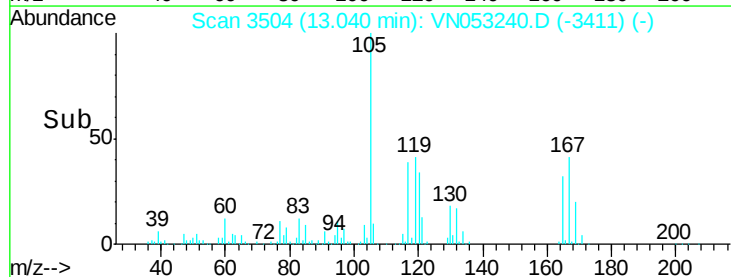
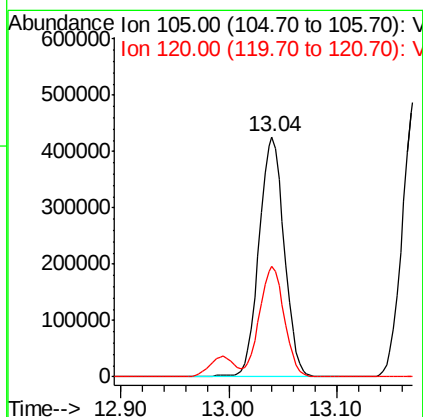
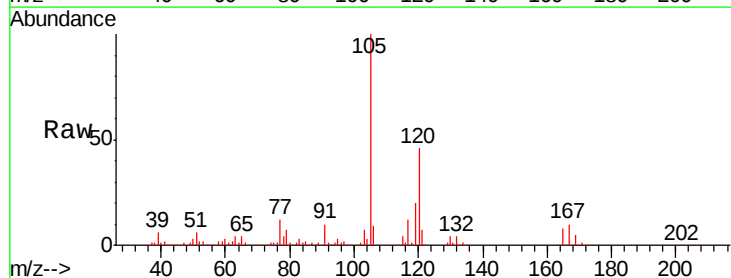
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

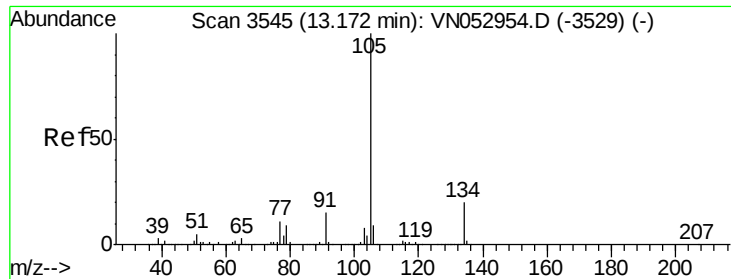
Tgt Ion:119 Resp: 618291
 Ion Ratio Lower Upper
 119 100
 91 61.6 31.9 95.5
 134 24.3 12.8 38.4



#84
 1,2,4-Trimethylbenzene
 Concen: 21.454 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion:105 Resp: 690214
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.9 68.8

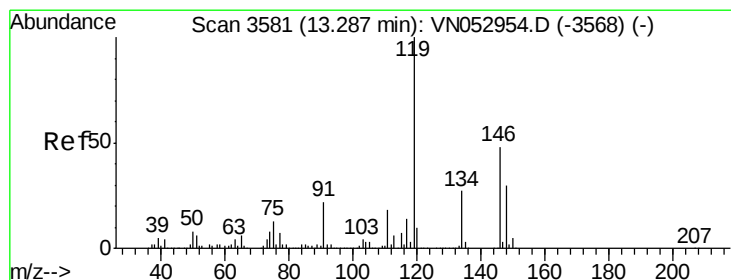
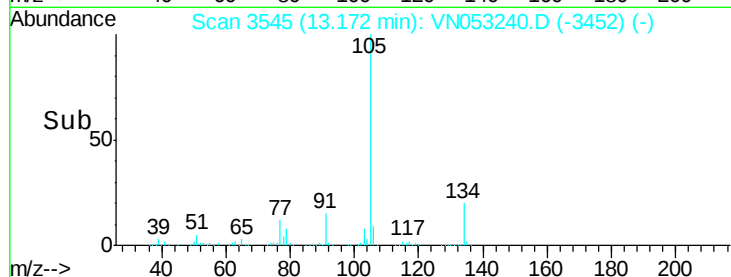
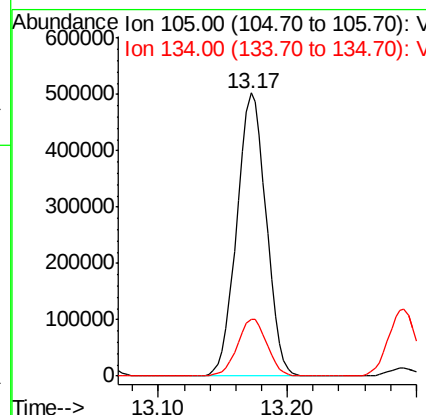
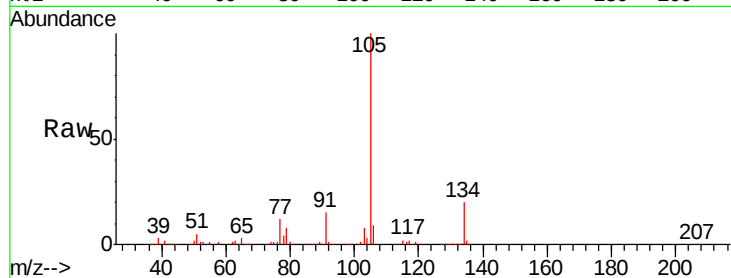




#85
 sec-Butylbenzene
 Concen: 20.760 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

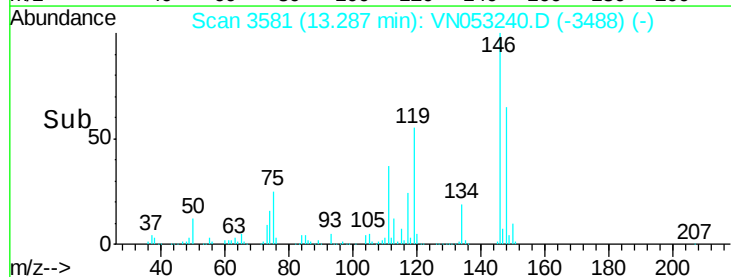
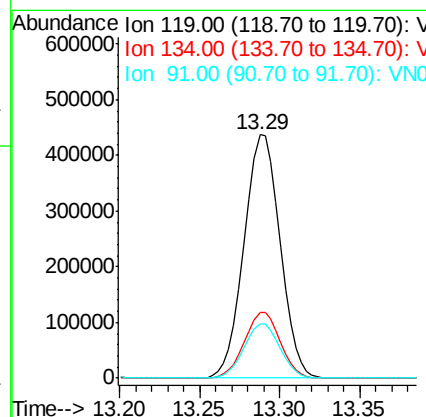
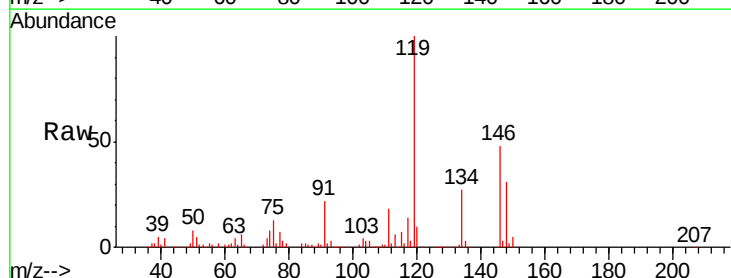
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

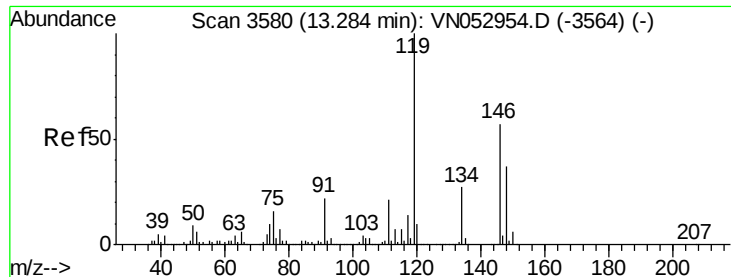
Tgt Ion:105 Resp: 794772
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 20.253 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion:119 Resp: 669979
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.2
 91 22.5 11.1 33.3





#87

1,3-Dichlorobenzene

Concen: 20.464 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS01

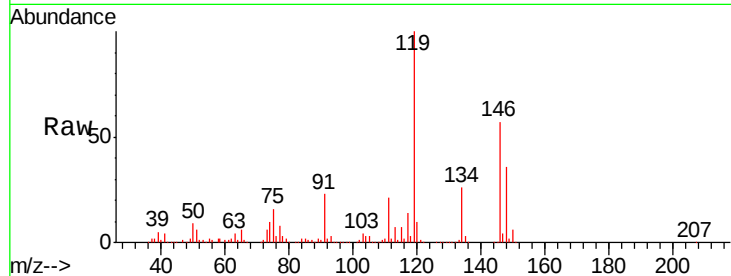
Tgt Ion:146 Resp: 369658

Ion Ratio Lower Upper

146 100

111 37.7 19.1 57.1

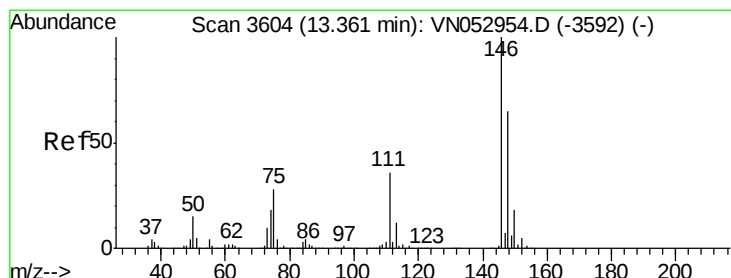
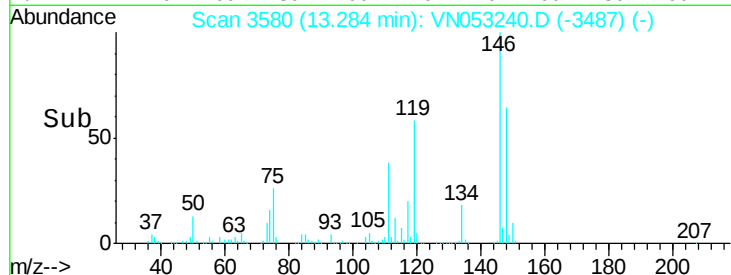
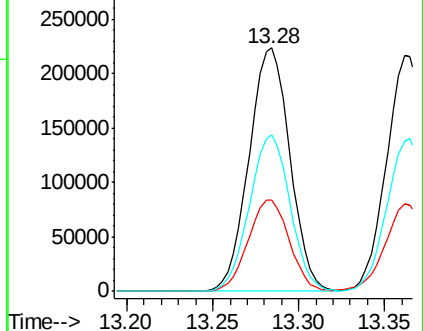
148 64.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.864 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

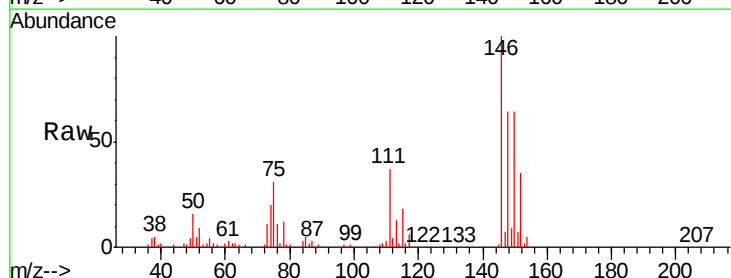
Tgt Ion:146 Resp: 363376

Ion Ratio Lower Upper

146 100

111 37.4 18.6 55.8

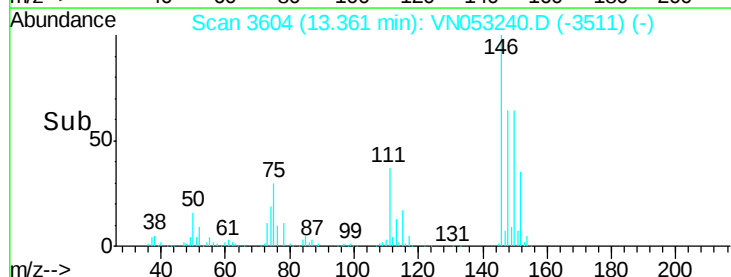
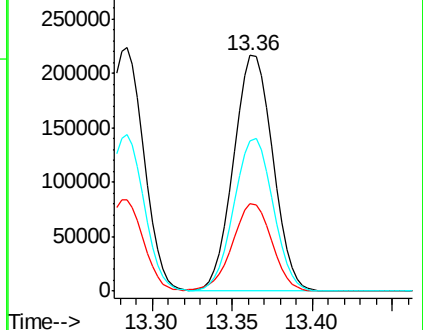
148 64.5 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.227 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. -0.00 min

Lab File: VN053240.D

Acq: 2 Jan 2019 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0102WBS01

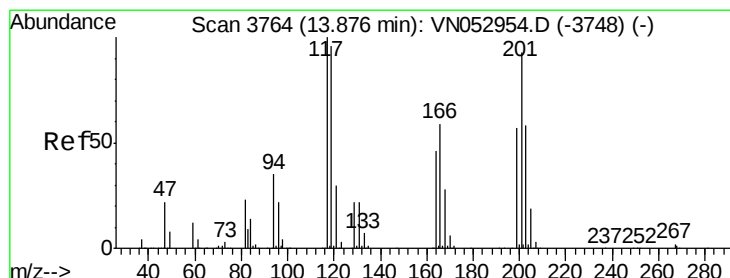
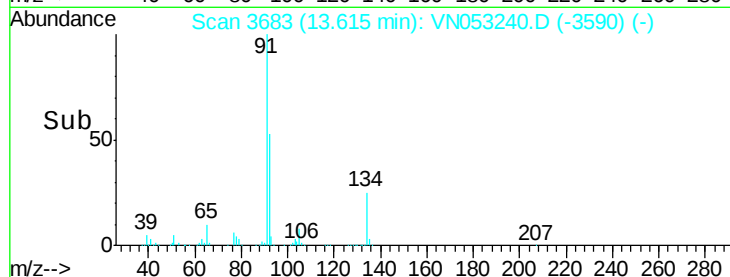
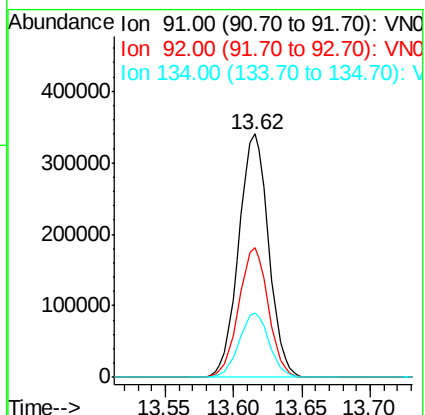
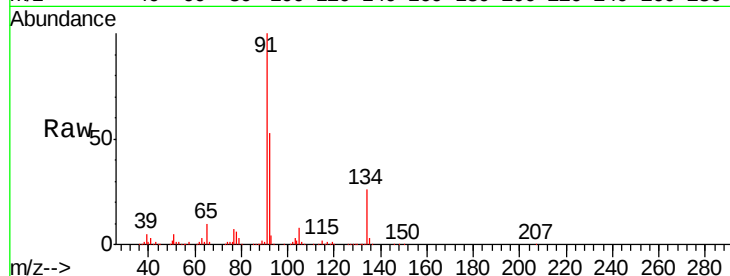
Tgt Ion: 91 Resp: 518712

Ion Ratio Lower Upper

91 100

92 52.5 26.3 78.9

134 26.3 13.3 39.8



#90

Hexachloroethane

Concen: 21.061 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. -0.00 min

Lab File: VN053240.D

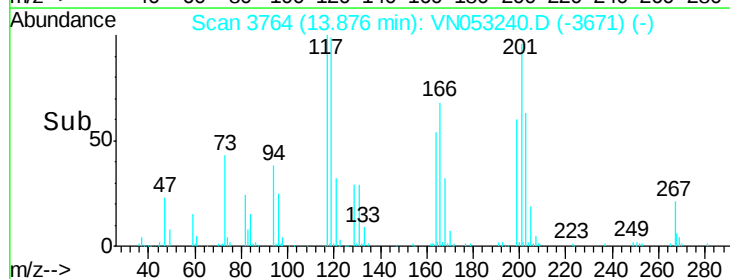
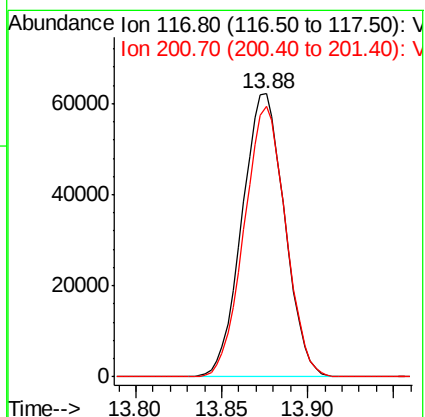
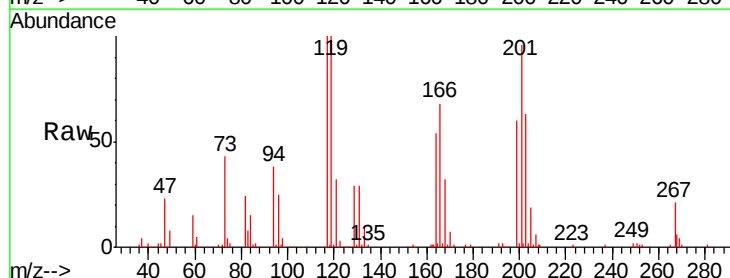
Acq: 2 Jan 2019 11:31

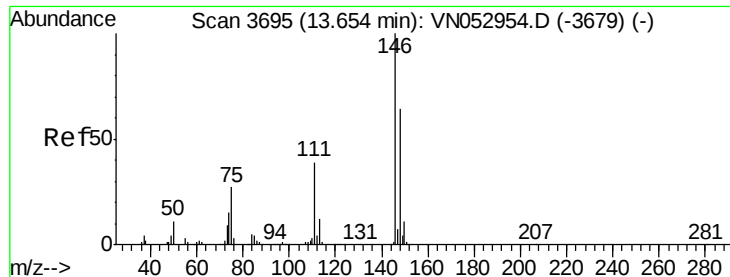
Tgt Ion: 117 Resp: 106916

Ion Ratio Lower Upper

117 100

201 93.1 45.7 137.1

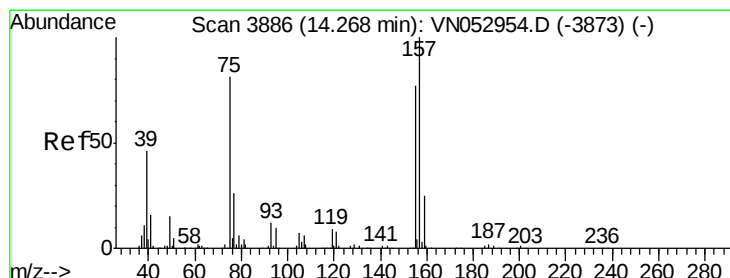
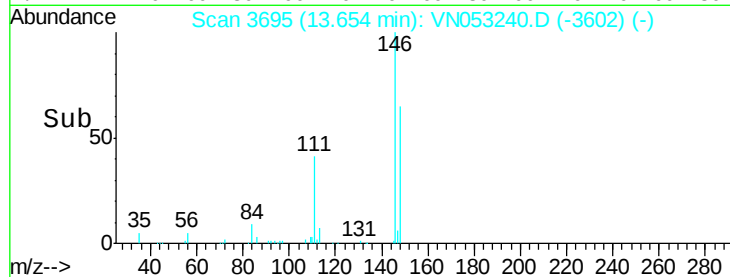
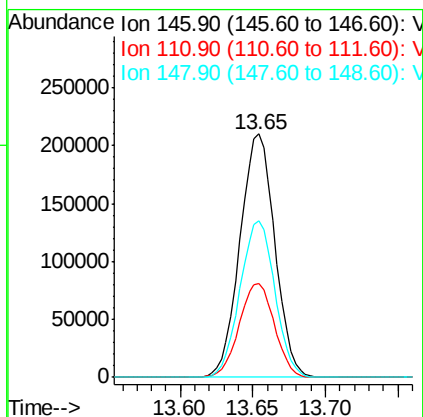
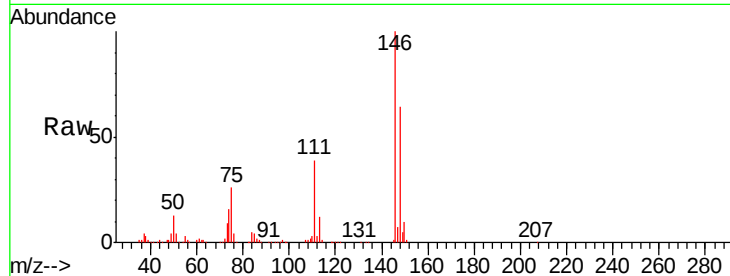




#91
 1,2-Dichlorobenzene
 Concen: 20.610 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

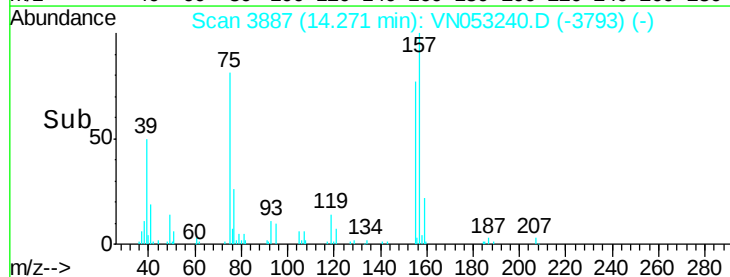
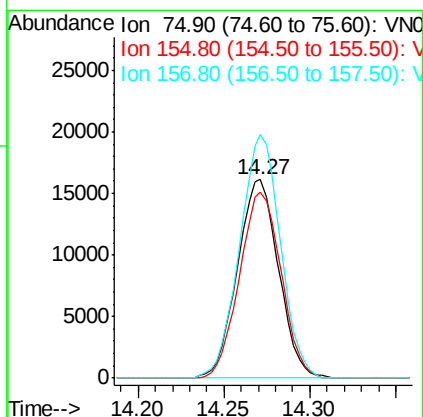
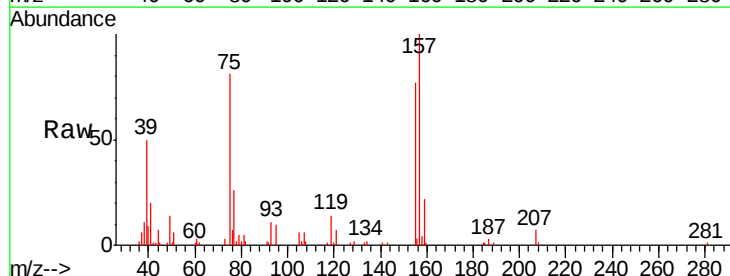
Instrument :
 MSVOA_N
 ClientSampled :
 VN0102WBS01

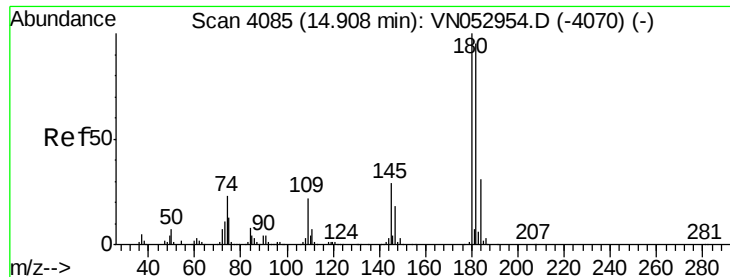
Tgt Ion:146 Resp: 350381
 Ion Ratio Lower Upper
 146 100
 111 39.0 19.7 59.0
 148 64.4 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.118 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion: 75 Resp: 26795
 Ion Ratio Lower Upper
 75 100
 155 94.5 48.2 144.6
 157 121.2 61.2 183.5

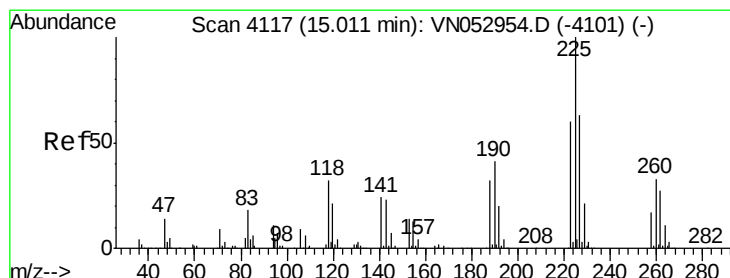
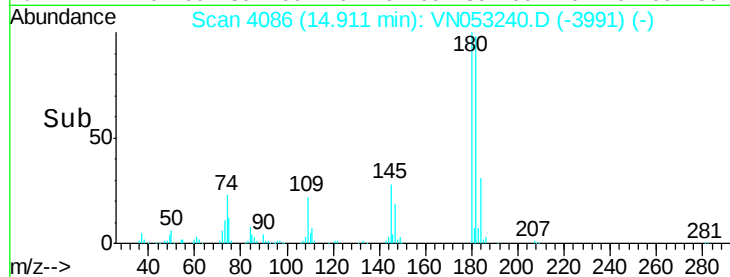
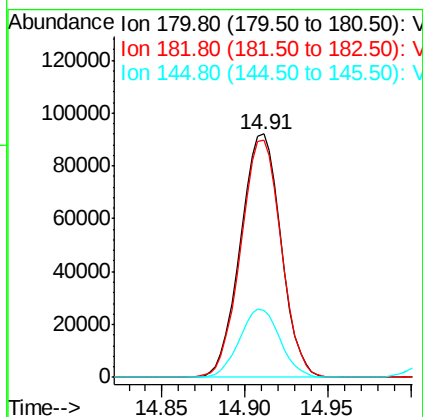
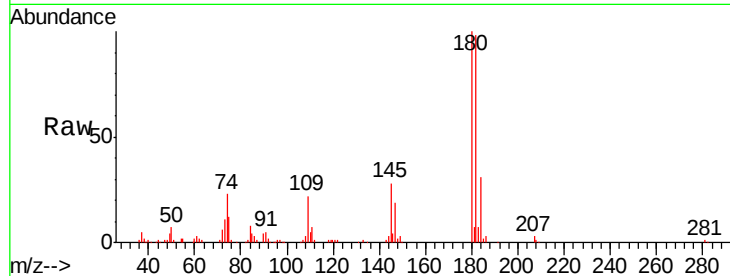




#93
 1,2,4-Trichlorobenzene
 Concen: 17.795 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

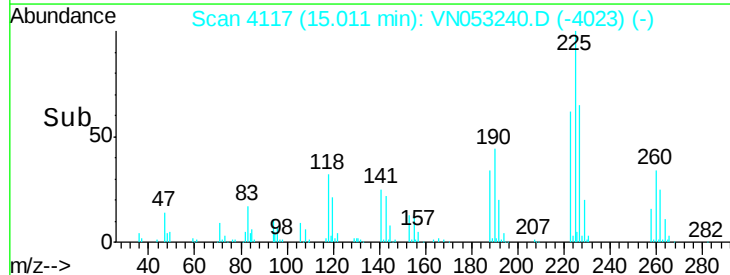
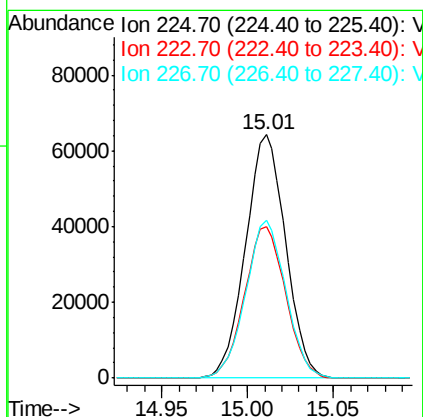
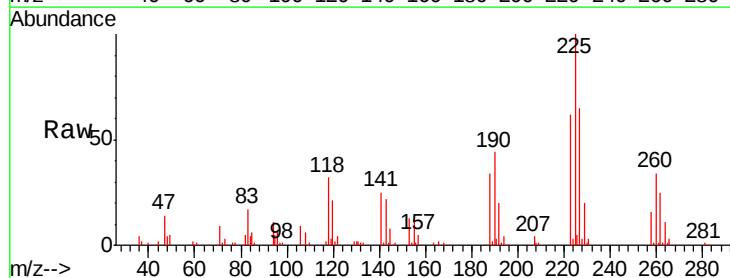
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0102WBS01

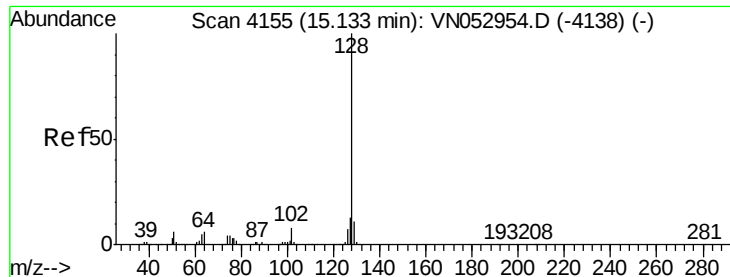
Tgt Ion:180 Resp: 156777
 Ion Ratio Lower Upper
 180 100
 182 97.1 47.8 143.3
 145 28.2 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 20.657 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053240.D
 Acq: 2 Jan 2019 11:31

Tgt Ion:225 Resp: 104195
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.5 94.5
 227 64.4 31.9 95.7

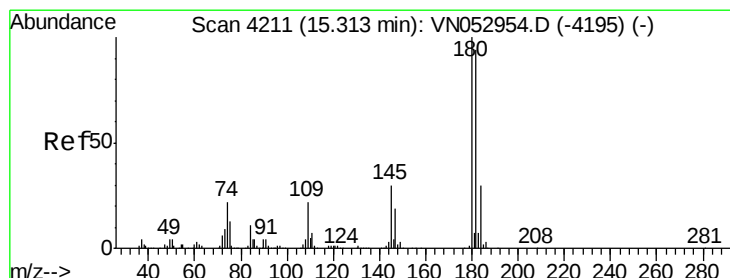
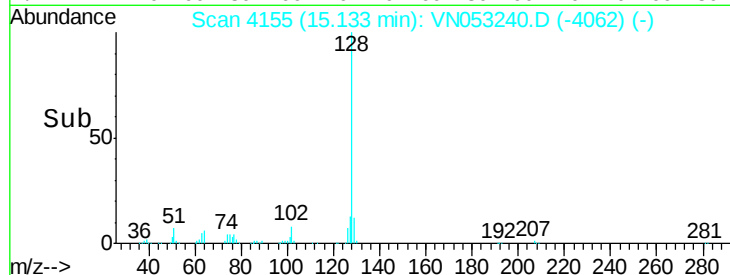
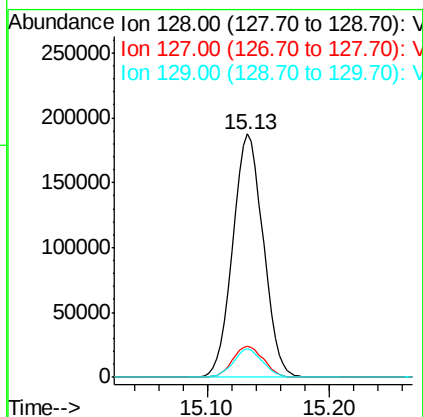
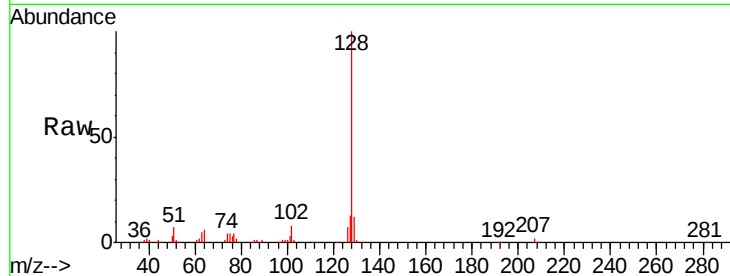




#95
Naphthalene
Concen: 17.289 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0102WBS01

Tgt Ion:128 Resp: 325974
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.024 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053240.D
Acq: 2 Jan 2019 11:31

Tgt Ion:180 Resp: 143531
Ion Ratio Lower Upper
180 100
182 98.2 47.9 143.7
145 29.5 15.0 45.0

