

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
 Data File : VN053340.D
 Acq On : 10 Jan 2019 14:34
 Operator : MD\SY
 Sample : VN0110WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

Quant Time: Jan 11 05:46:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	921988	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1429126	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1275807	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	577468	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	463383	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
35) Dibromofluoromethane	7.59	113	396711	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	10.09	98	1682151	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	12.40	95	586282	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	158860	19.544	ug/l	98
3) Chloromethane	2.06	50	211257	18.611	ug/l	97
4) Vinyl Chloride	2.19	62	206897	19.097	ug/l	99
5) Bromomethane	2.54	94	136198	19.238	ug/l	99
6) Chloroethane	2.69	64	124194	18.992	ug/l	97
7) Trichlorofluoromethane	3.02	101	268700	19.148	ug/l	98
8) Diethyl Ether	3.41	74	107881	19.614	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.76	101	170893	19.215	ug/l	99
10) Methyl Iodide	3.95	142	234401	18.802	ug/l	100
11) Tert butyl alcohol	4.78	59	45323	78.557	ug/l	100
12) 1,1-Dichloroethene	3.73	96	164304	19.099	ug/l	99
13) Acrolein	3.61	56	61718	85.080	ug/l	100
14) Allyl chloride	4.32	41	270445	19.505	ug/l	97
15) Acrylonitrile	4.99	53	337324	97.942	ug/l	100
16) Acetone	3.82	43	239174	102.283	ug/l	99
17) Carbon Disulfide	4.05	76	457697	17.257	ug/l	100
18) Methyl Acetate	4.32	43	163206	18.800	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	482103	19.968	ug/l	100
20) Methylene Chloride	4.55	84	197797	19.199	ug/l	98
21) trans-1,2-Dichloroethene	5.05	96	178393	19.313	ug/l	98
22) Diisopropyl ether	5.95	45	597218	19.994	ug/l	99
23) Vinyl Acetate	5.90	43	1872121	99.609	ug/l	99
24) 1,1-Dichloroethane	5.85	63	339124	19.685	ug/l	100
25) 2-Butanone	6.83	43	382328	97.154	ug/l	100
26) 2,2-Dichloropropane	6.82	77	248583	19.739	ug/l	100
27) cis-1,2-Dichloroethene	6.83	96	208062	19.725	ug/l	99
28) Bromochloromethane	7.19	49	157242	21.419	ug/l	99
29) Tetrahydrofuran	7.21	42	254997	98.192	ug/l	97
30) Chloroform	7.37	83	333065	19.642	ug/l	98
31) Cyclohexane	7.66	56	321667	19.530	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	276810	19.590	ug/l	99
36) 1,1-Dichloropropene	7.79	75	252820	18.949	ug/l	99
37) Ethyl Acetate	6.93	43	166293	19.135	ug/l	98
38) Carbon Tetrachloride	7.78	117	237228	19.264	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	314105	20.322	ug/l	99
40) Benzene	8.04	78	793649	19.474	ug/l	99
41) Methacrylonitrile	7.18	41	88097	16.329	ug/l #	100
42) 1,2-Dichloroethane	8.13	62	234168	19.371	ug/l	99
43) Isopropyl Acetate	8.16	43	312431	18.275	ug/l	98
44) Trichloroethene	8.84	130	213770	19.103	ug/l	100
45) 1,2-Dichloropropane	9.12	63	210467	19.690	ug/l	100
46) Dibromomethane	9.21	93	122032	19.581	ug/l	99
47) Bromodichloromethane	9.40	83	250869	19.316	ug/l	98
48) Methyl methacrylate	9.20	41	149315	19.224	ug/l	99
49) 1,4-Dioxane	9.20	88	22878	276.467	ug/l	94
51) 4-Methyl-2-Pentanone	9.99	43	843733	98.140	ug/l	99
52) Toluene	10.16	92	493167	19.725	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	264071	19.875	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	305525	19.900	ug/l	99
55) 1,1,2-Trichloroethane	10.56	97	178829	19.452	ug/l	98
56) Ethyl methacrylate	10.43	69	236387	19.786	ug/l	99
57) 1,3-Dichloropropane	10.71	76	305922	19.899	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.70	63	635889	98.454	ug/l	100
59) 2-Hexanone	10.75	43	578175	98.153	ug/l	100
60) Dibromochloromethane	10.90	129	193499	19.514	ug/l	99
61) 1,2-Dibromoethane	11.01	107	178949	19.725	ug/l	99
64) Tetrachloroethene	10.63	164	237624	19.789	ug/l	98
65) Chlorobenzene	11.43	112	545818	19.694	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	192802	19.875	ug/l	98
67) Ethyl Benzene	11.51	91	934895	19.851	ug/l	99
68) m/p-Xylenes	11.62	106	708851	40.028	ug/l	99
69) o-Xylene	11.95	106	343703	19.825	ug/l	99
70) Styrene	11.96	104	573167	20.313	ug/l	99
71) Bromoform	12.13	173	133224	19.443	ug/l #	99
73) Isopropylbenzene	12.25	105	924466	21.502	ug/l	100
74) N-amyl acetate	12.07	43	264646	20.614	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	204541	20.681	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	271438	32.227	ug/l #	100
77) Bromobenzene	12.53	156	237453	20.693	ug/l	99
78) n-propylbenzene	12.59	91	1039644	21.377	ug/l	98
79) 2-Chlorotoluene	12.67	91	618291	21.011	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	737252	21.288	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	59746	20.870	ug/l	95
82) 4-Chlorotoluene	12.77	91	623122	20.651	ug/l	100
83) tert-Butylbenzene	12.99	119	657222	21.630	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	746443	21.157	ug/l	100
85) sec-Butylbenzene	13.17	105	893609	22.300	ug/l	100
86) p-Isopropyltoluene	13.29	119	763356	22.002	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	409703	20.275	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	399770	19.943	ug/l	99
89) n-Butylbenzene	13.62	91	628332	21.601	ug/l	99
90) Hexachloroethane	13.88	117	110422	19.857	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	371640	19.634	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	24899	20.756	ug/l	97

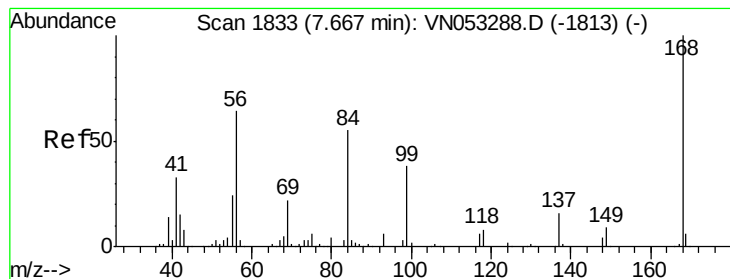
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN011019\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	145371	24.426	ug/l	99
94) Hexachlorobutadiene	15.01	225	115153	23.655	ug/l	100
95) Naphthalene	15.13	128	259507	25.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.32	180	105313	27.027	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

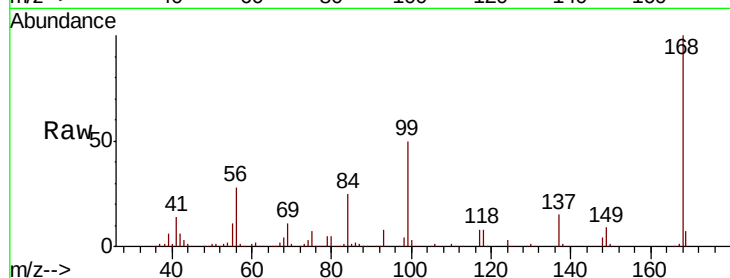
VN0110WBS02

Tgt Ion:168 Resp: 921988

Ion Ratio Lower Upper

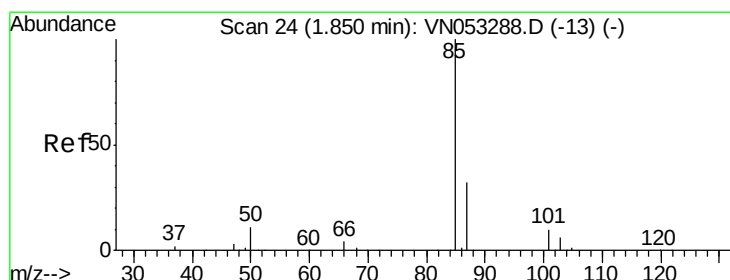
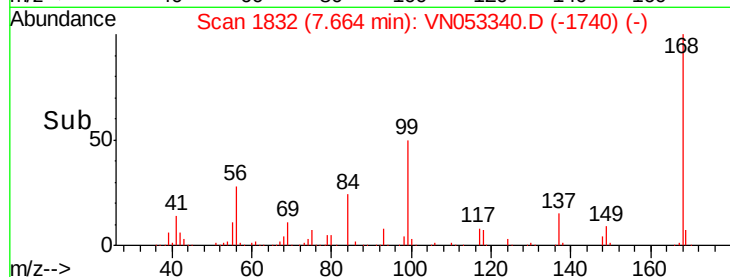
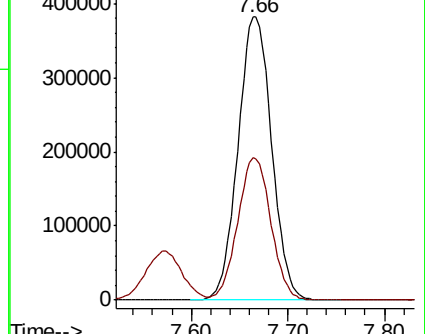
168 100

99 50.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 19.544 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN053340.D

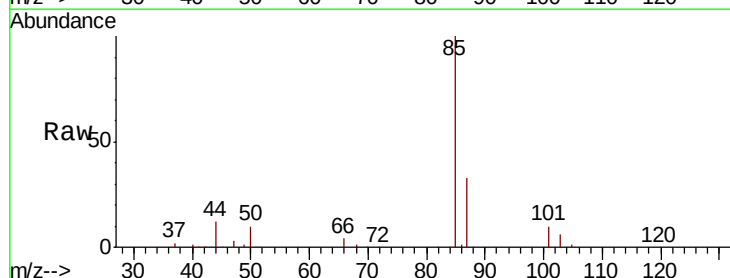
Acq: 10 Jan 2019 14:34

Tgt Ion: 85 Resp: 158860

Ion Ratio Lower Upper

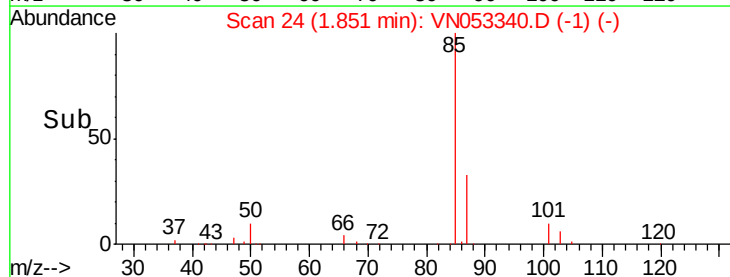
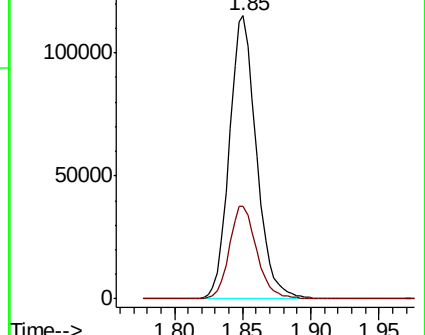
85 100

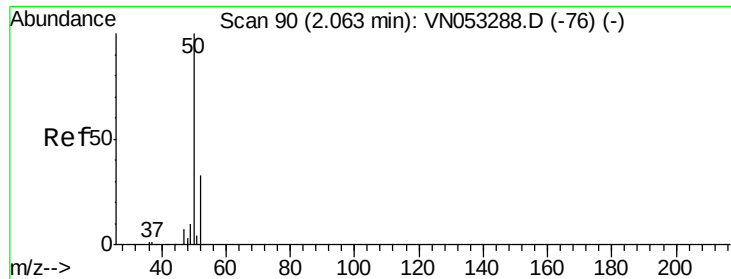
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 18.611 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

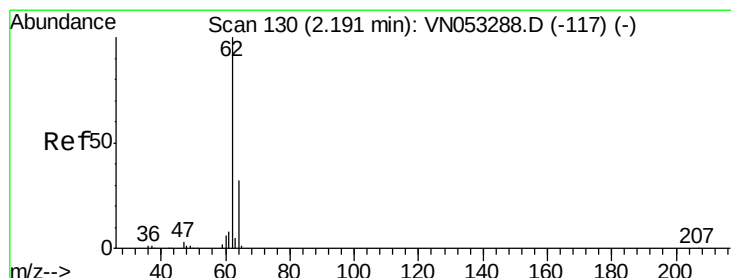
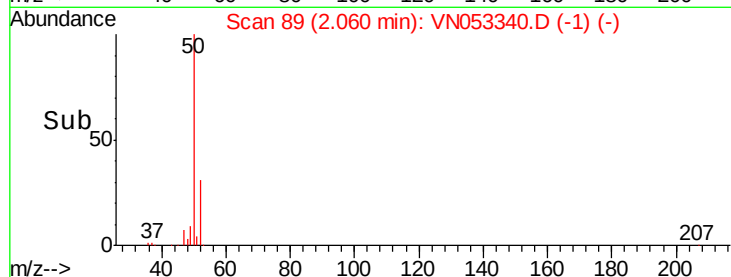
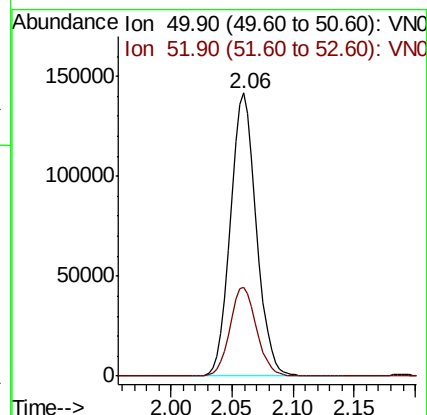
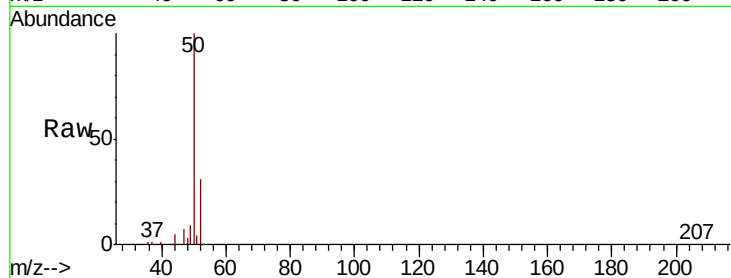
VN0110WBS02

Tgt Ion: 50 Resp: 211257

Ion Ratio Lower Upper

50 100

52 31.3 26.6 40.0



#4

Vinyl Chloride

Concen: 19.097 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN053340.D

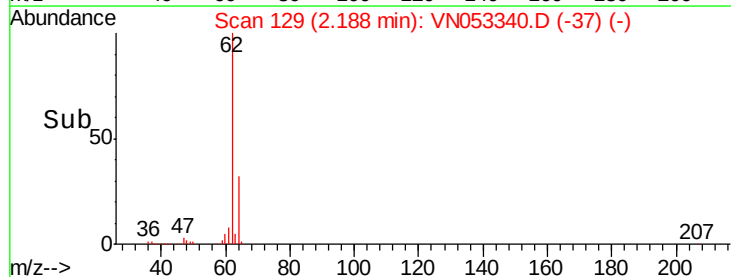
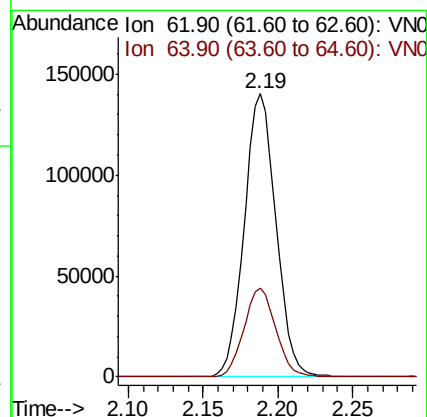
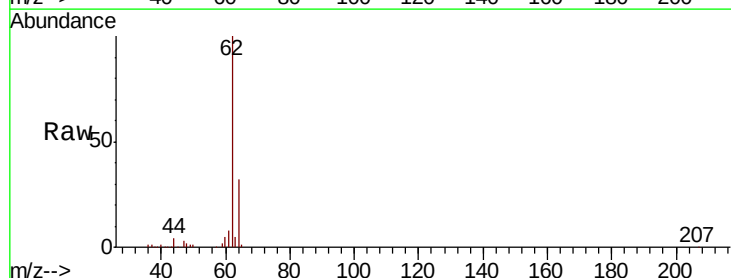
Acq: 10 Jan 2019 14:34

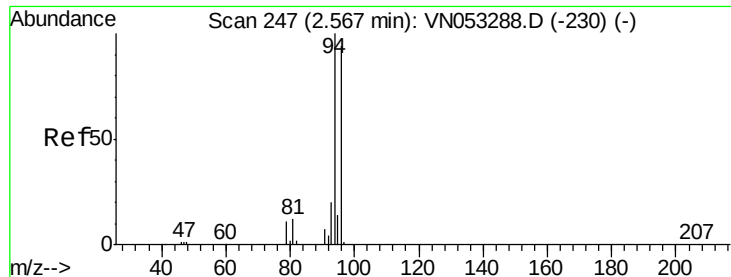
Tgt Ion: 62 Resp: 206897

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4





#5

Bromomethane

Concen: 19.238 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.03 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

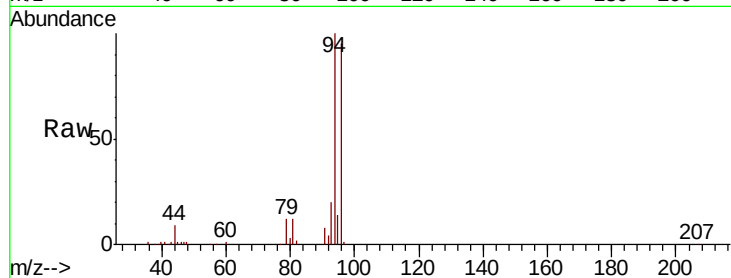
VN0110WBS02

Tgt Ion: 94 Resp: 136198

Ion Ratio Lower Upper

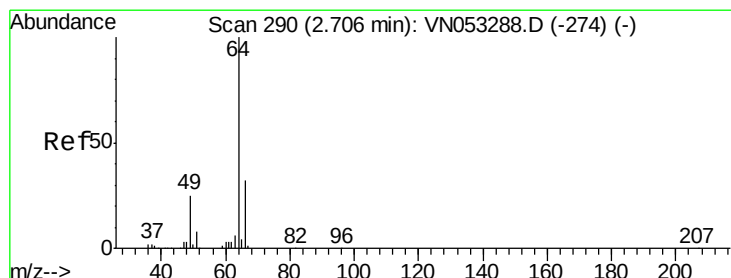
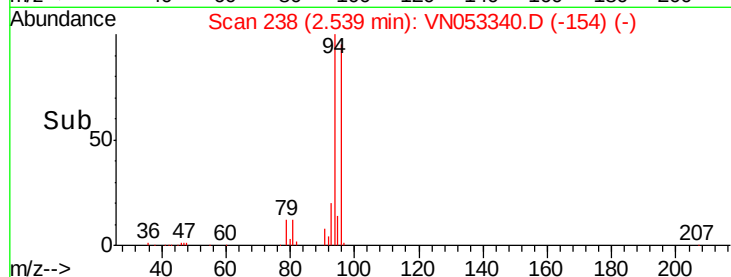
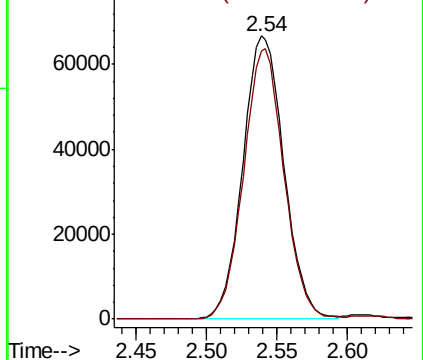
94 100

96 94.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.992 ug/l

RT: 2.69 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN053340.D

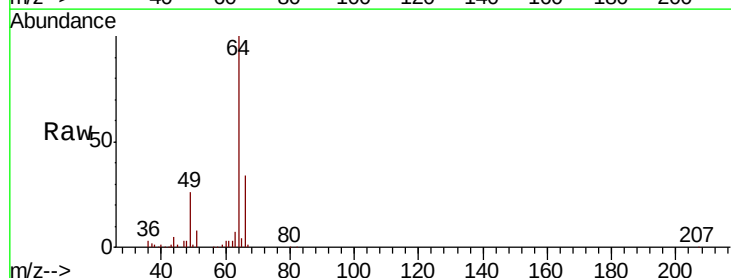
Acq: 10 Jan 2019 14:34

Tgt Ion: 64 Resp: 124194

Ion Ratio Lower Upper

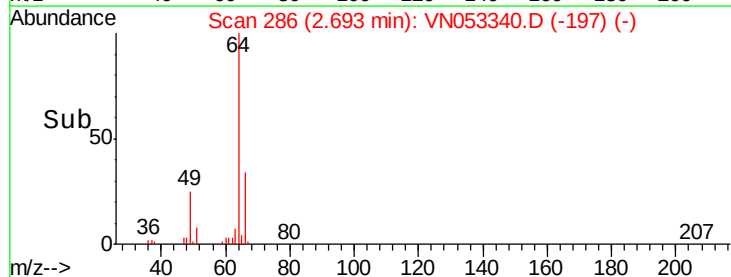
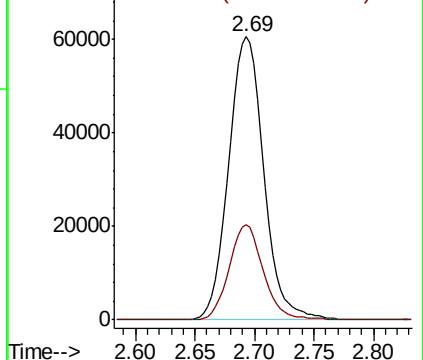
64 100

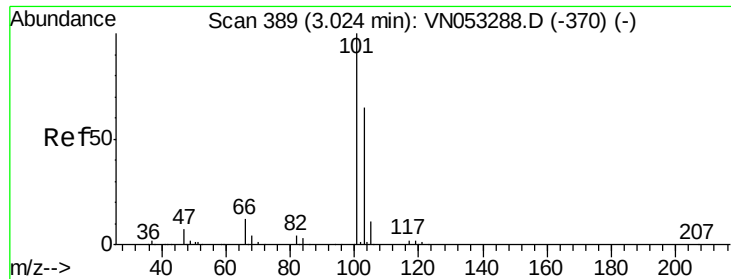
66 33.7 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



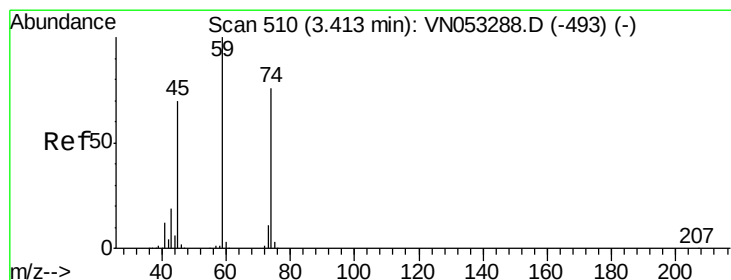
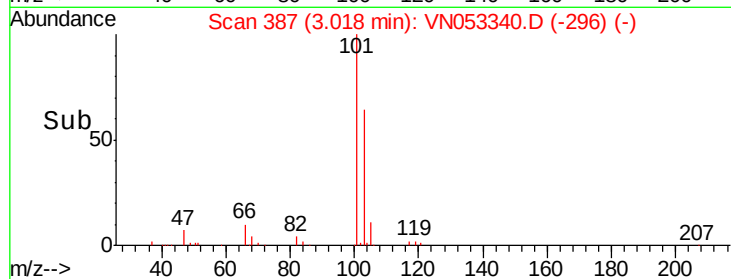
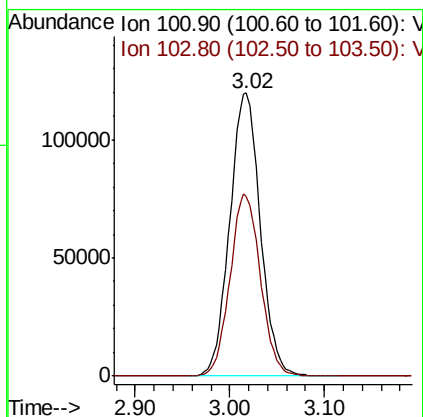
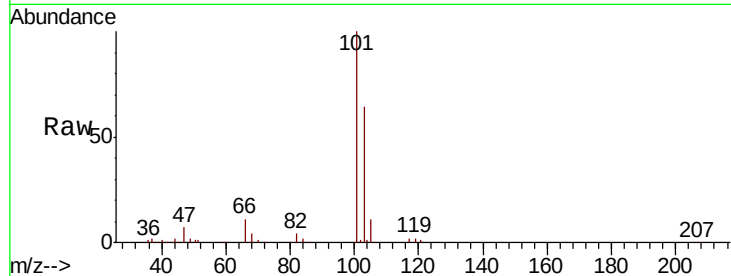


#7

Trichlorofluoromethane
 Concen: 19.148 ug/l
 RT: 3.02 min Scan# 387
 Delta R.T. -0.01 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

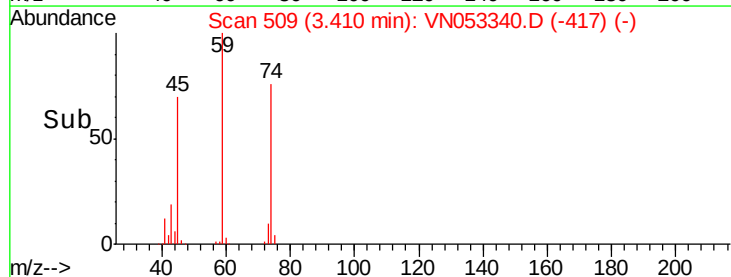
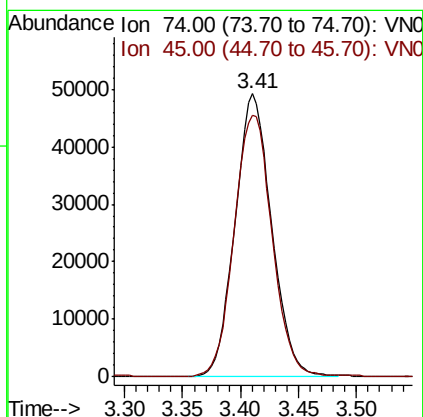
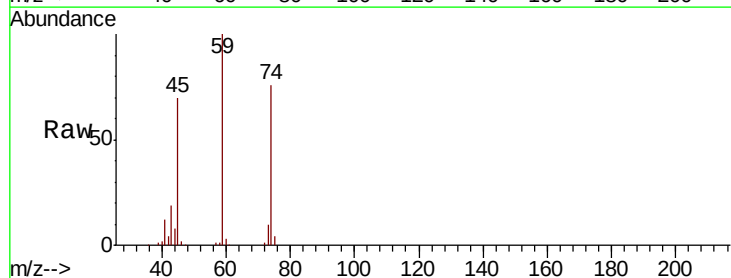
Tgt Ion:101 Resp: 268700
 Ion Ratio Lower Upper
 101 100
 103 63.6 52.1 78.1

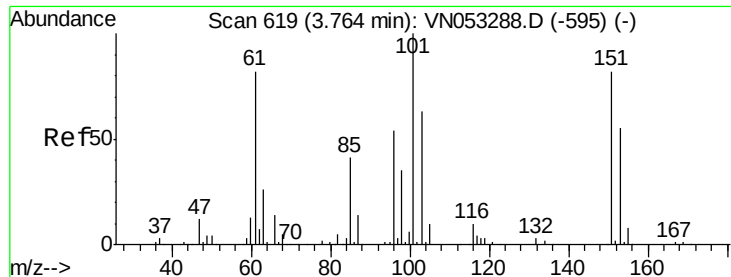


#8

Diethyl Ether
 Concen: 19.614 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 74 Resp: 107881
 Ion Ratio Lower Upper
 74 100
 45 96.3 48.3 144.9

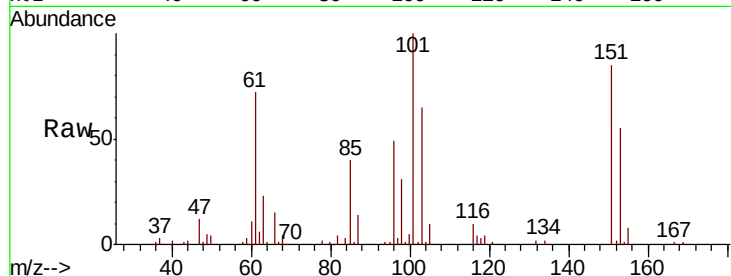




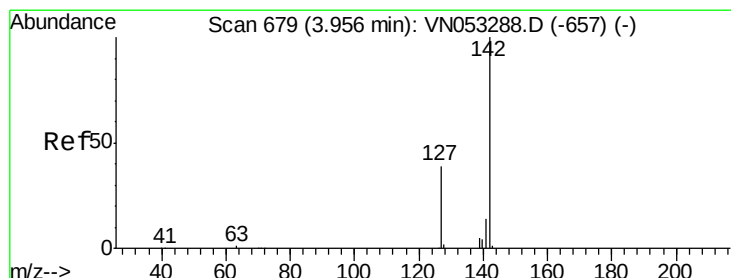
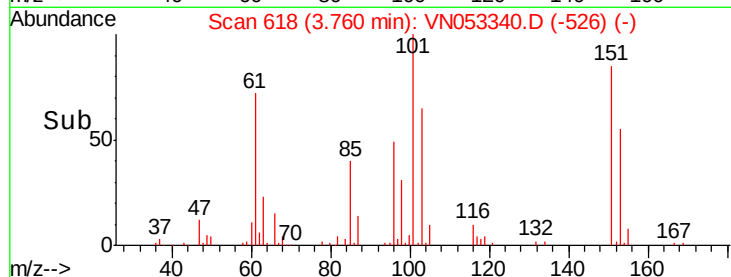
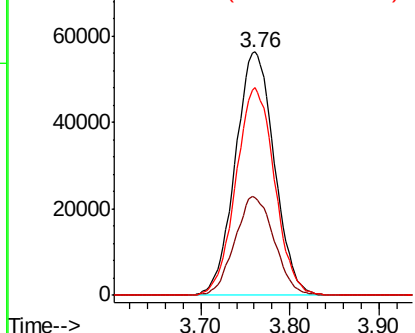
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.215 ug/l
 RT: 3.76 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: VN053340.D
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Instrument :
 MSVOA_N
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 VN0110WBS02

Tgt Ion:101 Resp: 170893
 Ion Ratio Lower Upper
 101 100
 85 41.1 33.3 49.9
 151 84.7 67.0 100.4

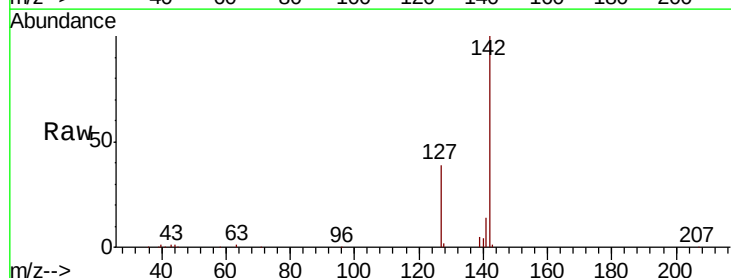


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

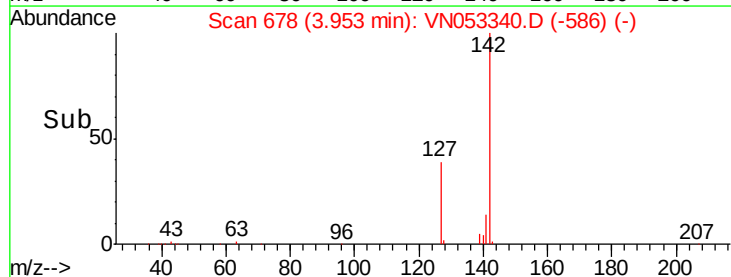
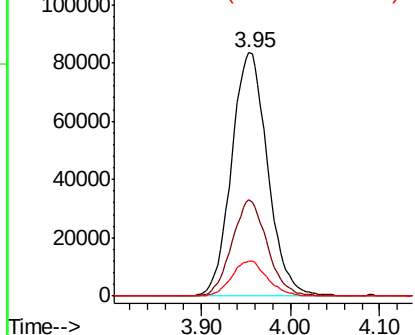


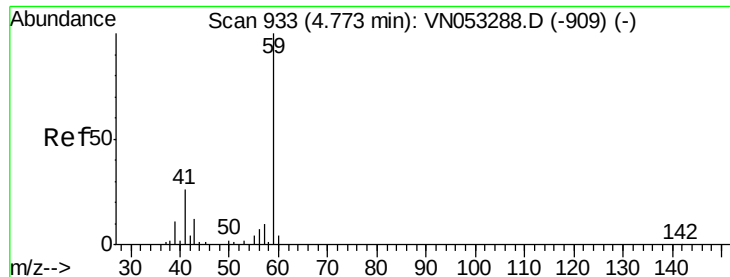
#10
 Methyl Iodide
 Concen: 18.802 ug/l
 RT: 3.95 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion:142 Resp: 234401
 Ion Ratio Lower Upper
 142 100
 127 38.6 30.9 46.3
 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

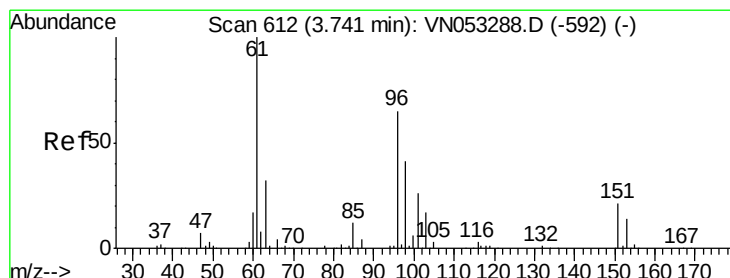
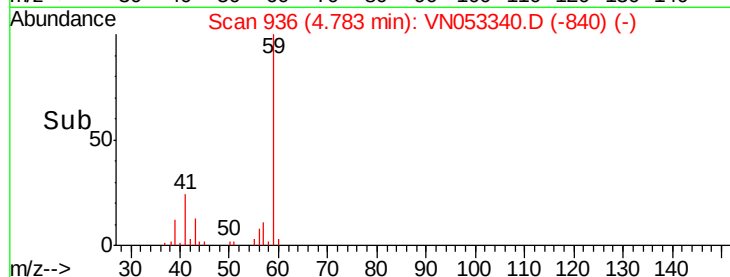
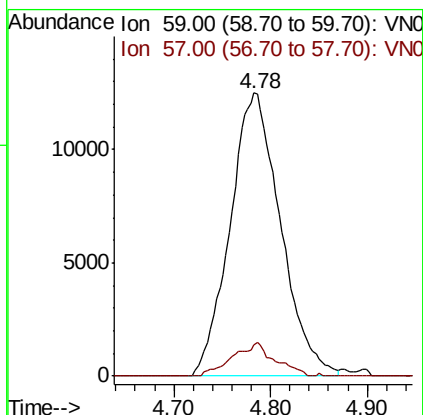
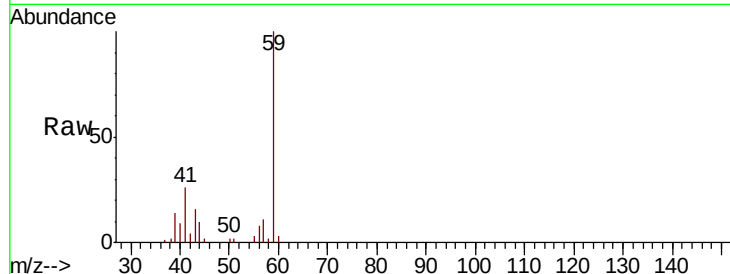




#11
Tert butyl alcohol
Concen: 78.557 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.01 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

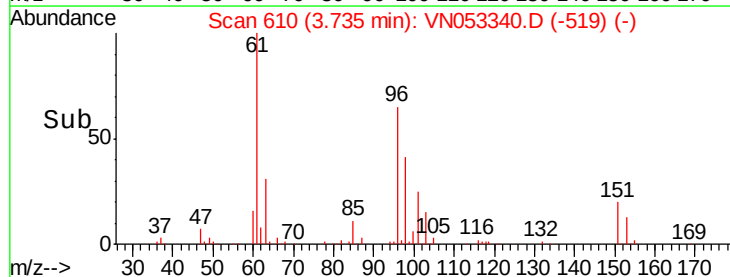
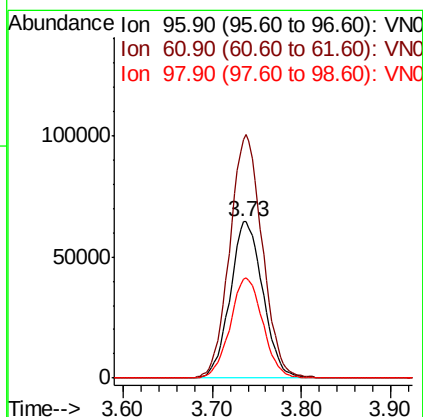
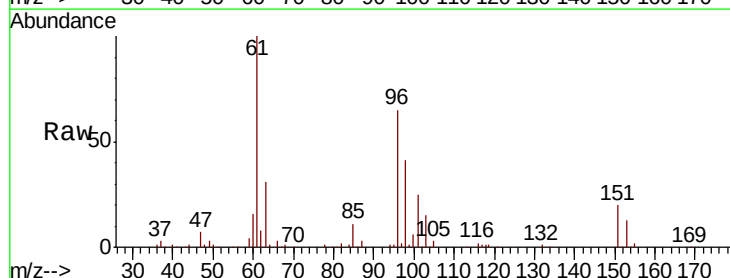
Instrument :
MSVOA_N
ClientSampled :
VN0110WBS02

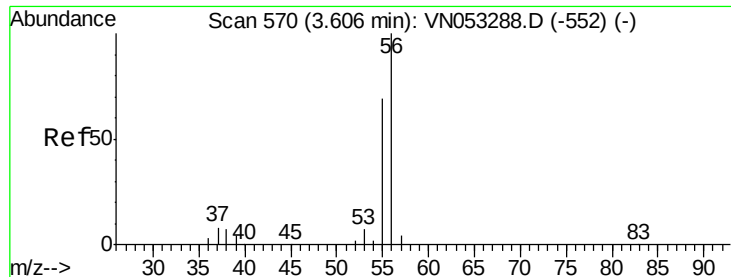
Tgt Ion: 59 Resp: 45323
Ion Ratio Lower Upper
59 100
57 9.9 8.0 12.0



#12
1,1-Dichloroethene
Concen: 19.099 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.01 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion: 96 Resp: 164304
Ion Ratio Lower Upper
96 100
61 152.7 123.2 184.8
98 63.2 50.5 75.7





#13

Acrolein

Concen: 85.080 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

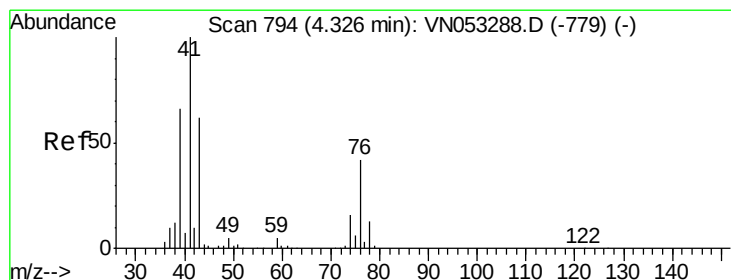
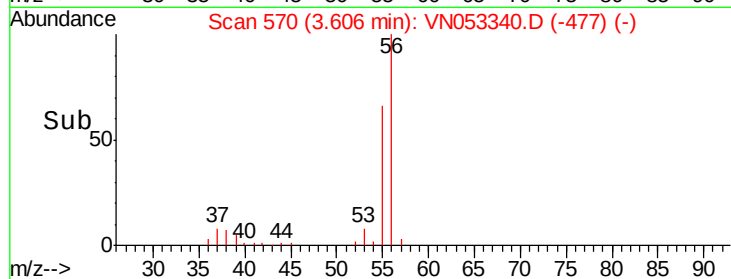
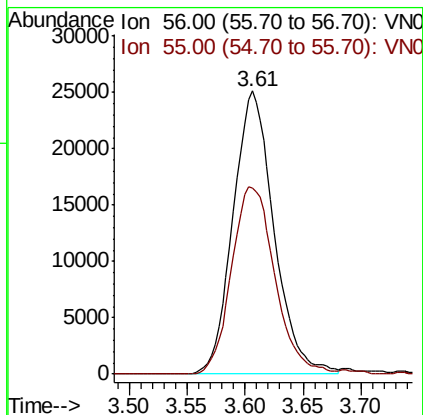
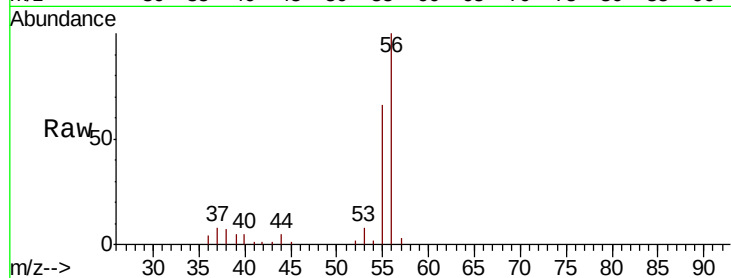
VN0110WBS02

Tgt Ion: 56 Resp: 61718

Ion Ratio Lower Upper

56 100

55 70.0 56.3 84.5



#14

Allyl chloride

Concen: 19.505 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

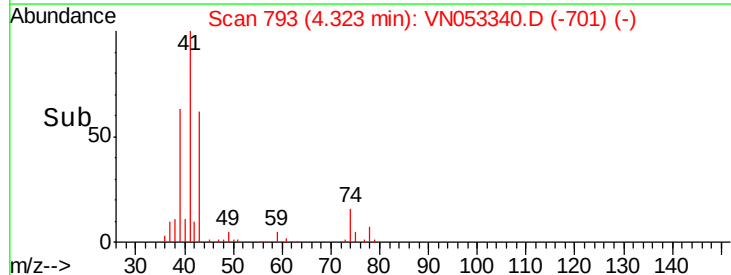
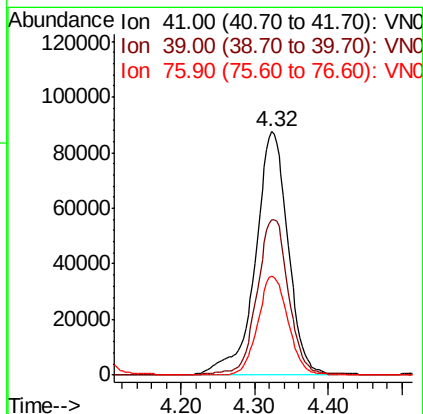
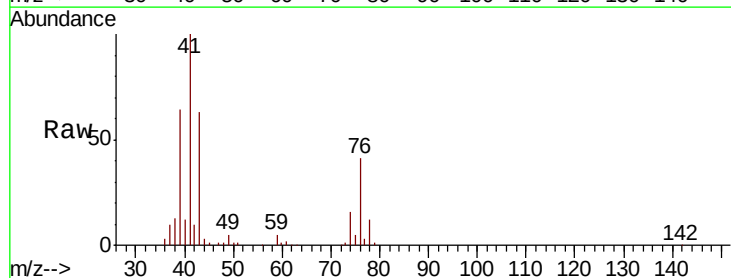
Tgt Ion: 41 Resp: 270445

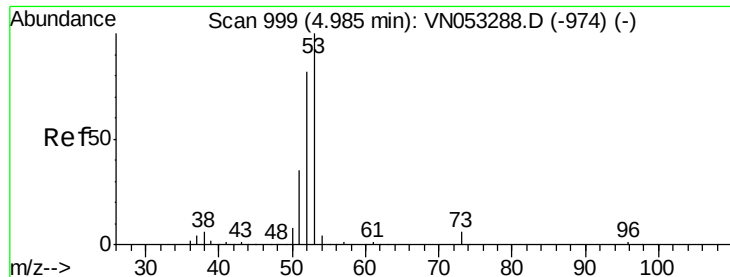
Ion Ratio Lower Upper

41 100

39 62.0 51.9 77.9

76 37.5 31.2 46.8

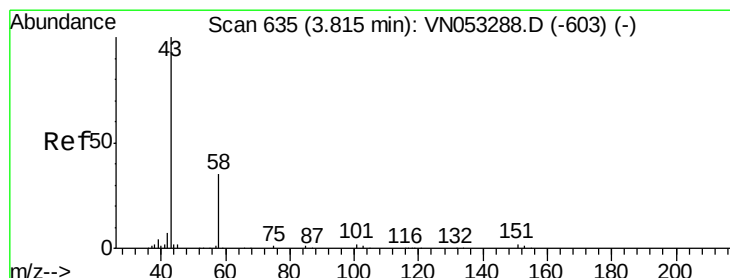
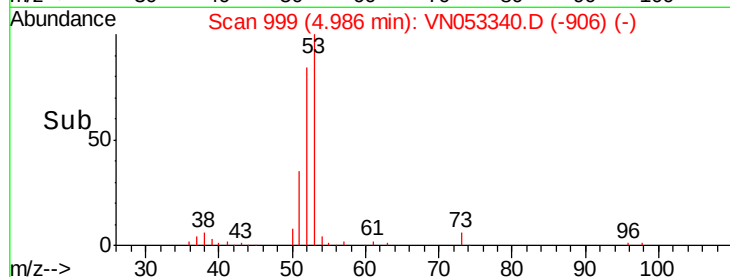
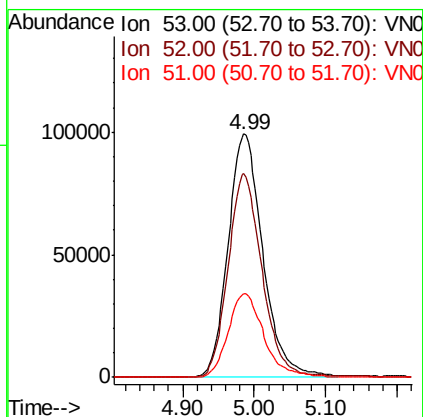
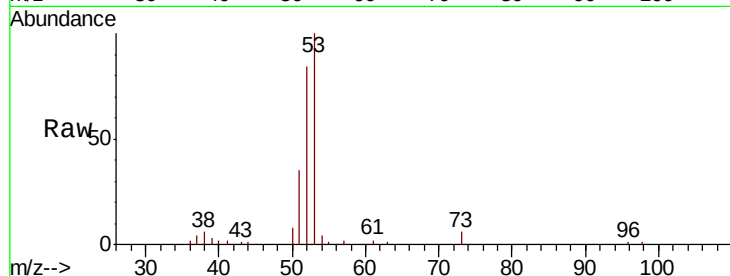




#15
 Acrylonitrile
 Concen: 97.942 ug/l
 RT: 4.99 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

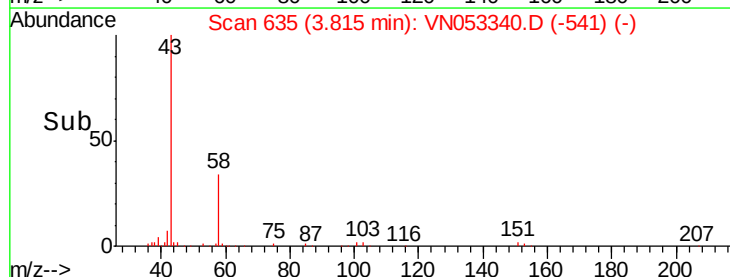
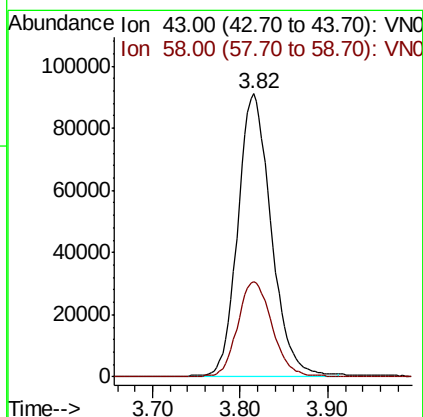
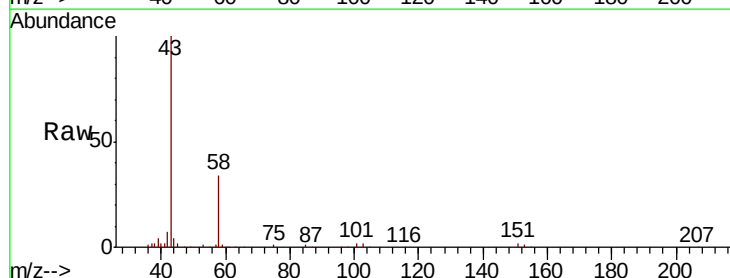
Instrument :
 MSVOA_N
 ClientSampled :
 VN0110WBS02

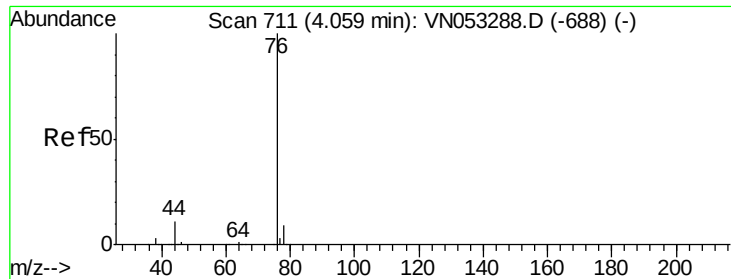
Tgt Ion: 53 Resp: 337324
 Ion Ratio Lower Upper
 53 100
 52 81.7 65.2 97.8
 51 35.3 28.0 42.0



#16
 Acetone
 Concen: 102.283 ug/l
 RT: 3.82 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 43 Resp: 239174
 Ion Ratio Lower Upper
 43 100
 58 34.0 27.8 41.6

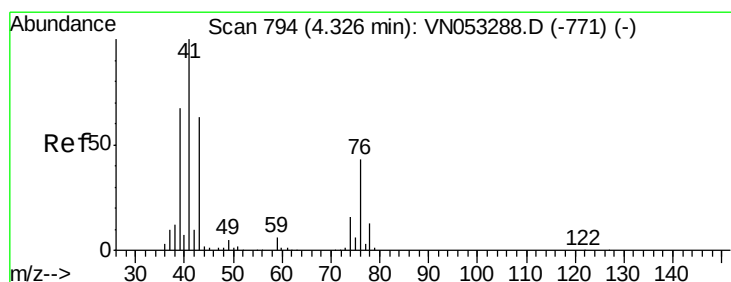
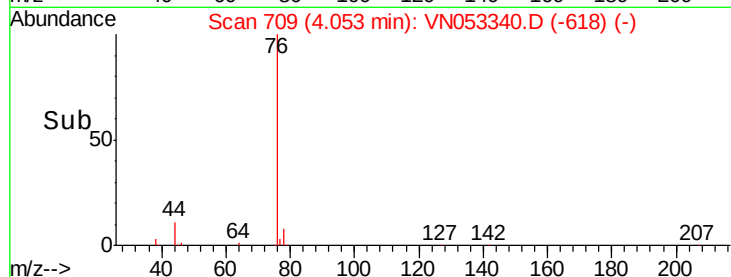
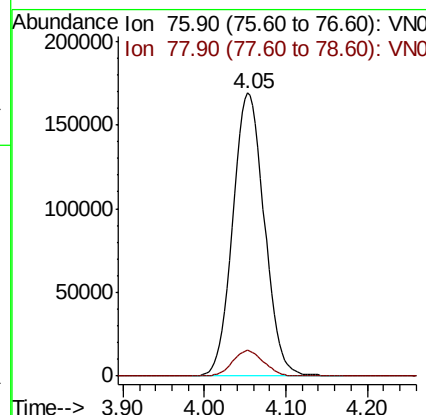
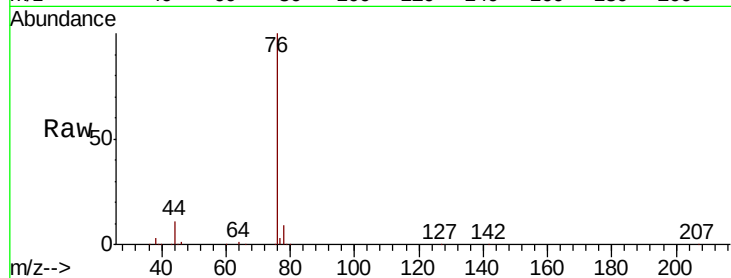




#17
Carbon Disulfide
Concen: 17.257 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.01 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

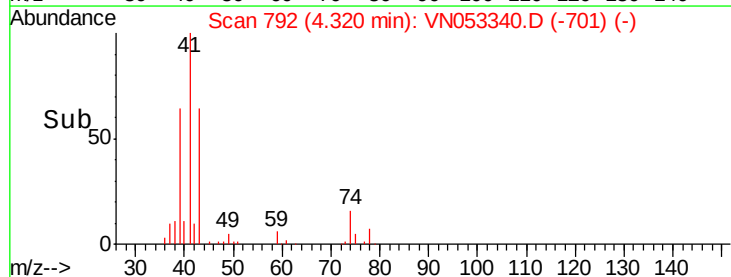
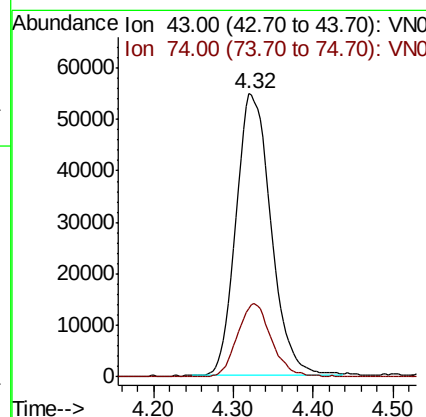
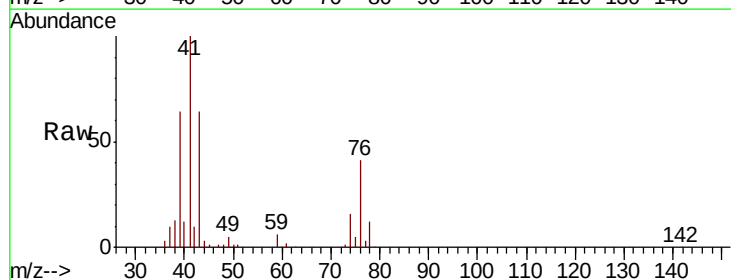
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS02

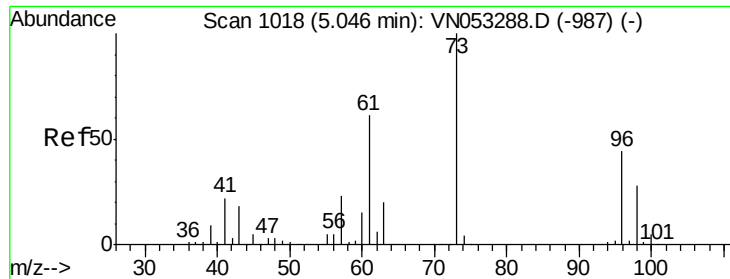
Tgt Ion: 76 Resp: 457697
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 18.800 ug/l
RT: 4.32 min Scan# 792
Delta R.T. -0.01 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion: 43 Resp: 163206
Ion Ratio Lower Upper
43 100
74 25.2 19.8 29.8

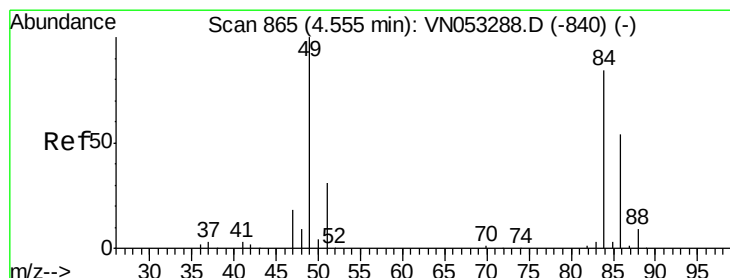
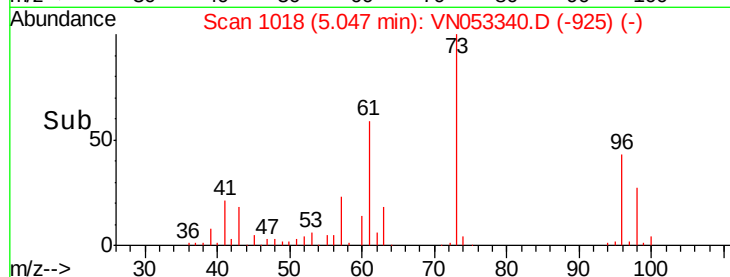
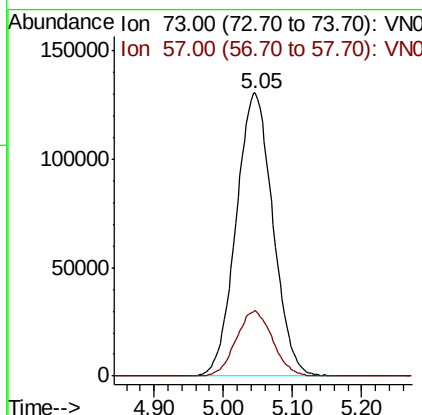
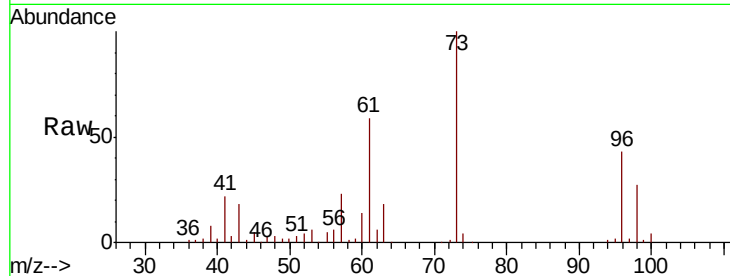




#19
Methyl tert-butyl Ether
Concen: 19.968 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

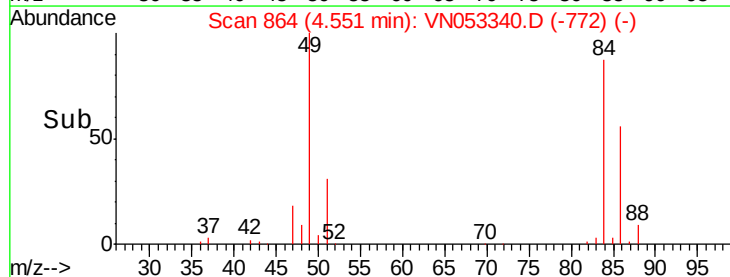
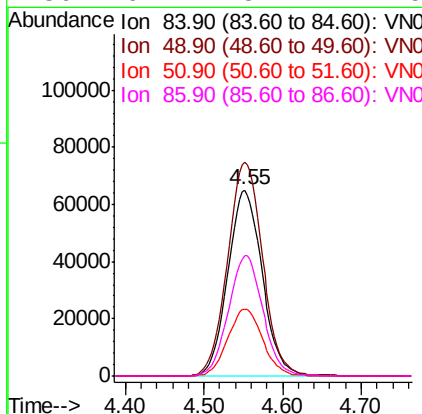
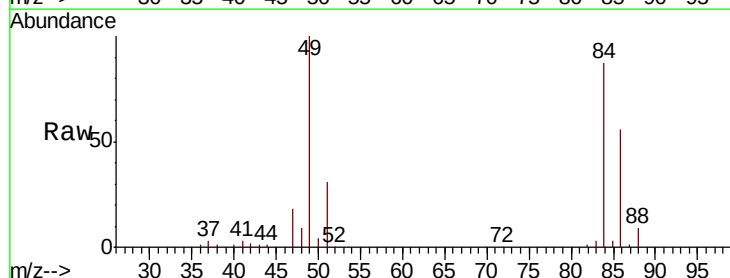
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS02

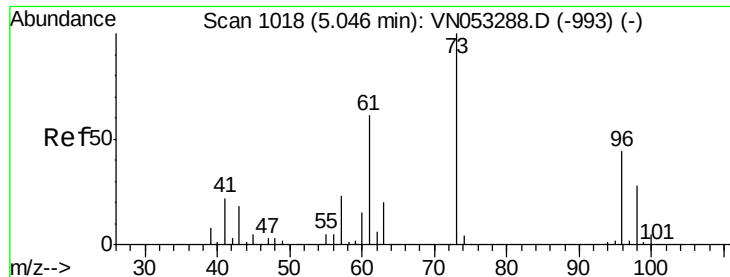
Tgt Ion: 73 Resp: 482103
Ion Ratio Lower Upper
73 100
57 23.2 18.5 27.7



#20
Methylene Chloride
Concen: 19.199 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion: 84 Resp: 197797
Ion Ratio Lower Upper
84 100
49 115.0 95.3 142.9
51 35.8 29.0 43.6
86 64.7 51.7 77.5

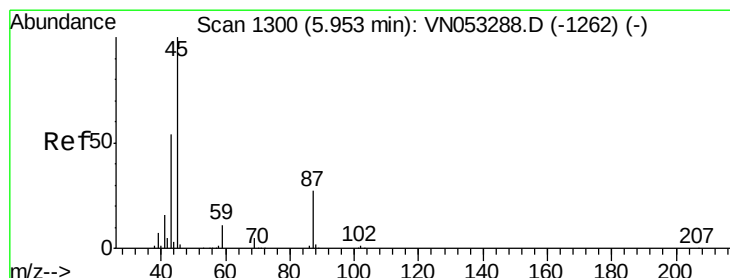
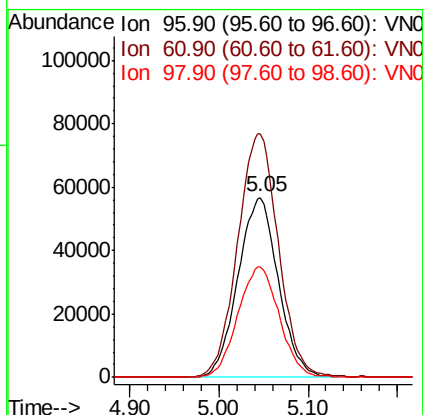
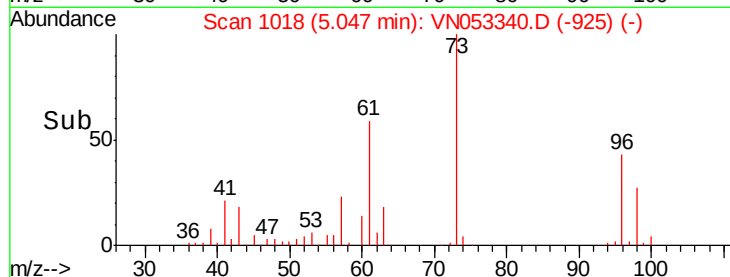
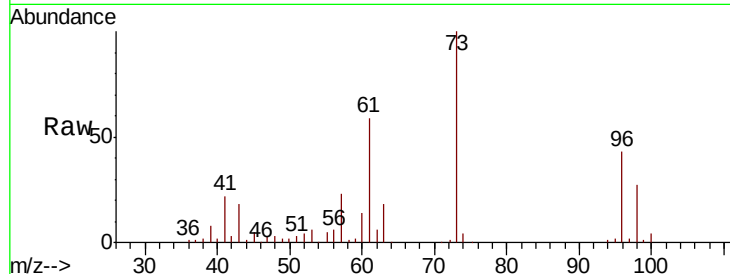




#21
trans-1,2-Dichloroethene
Concen: 19.313 ug/l
RT: 5.05 min Scan# 1018
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

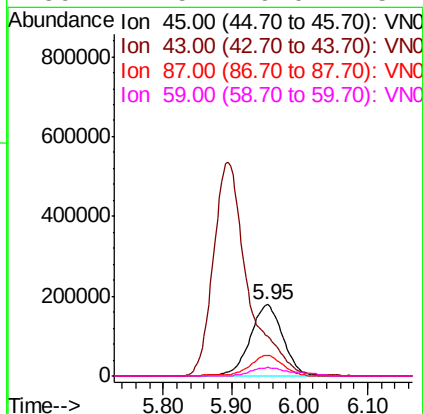
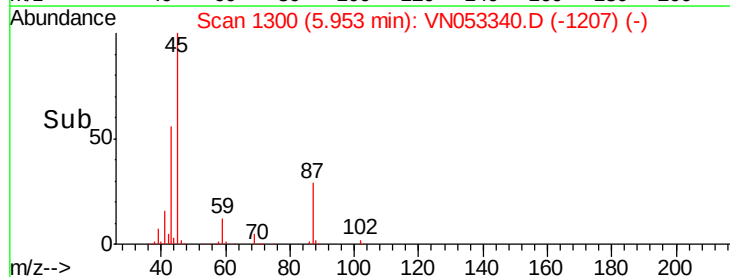
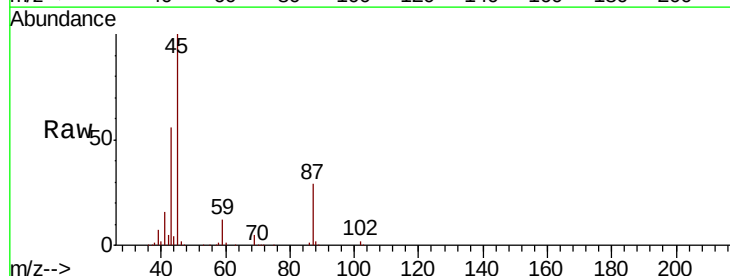
Instrument :
MSVOA_N
ClientSampled :
VN0110WBS02

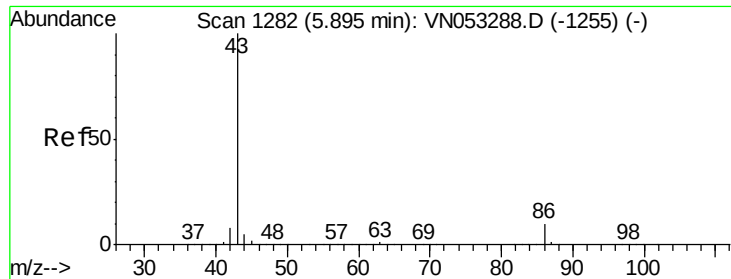
Tgt Ion: 96 Resp: 178393
Ion Ratio Lower Upper
96 100
61 135.4 110.2 165.4
98 61.5 50.7 76.1



#22
Diisopropyl ether
Concen: 19.994 ug/l
RT: 5.95 min Scan# 1300
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion: 45 Resp: 597218
Ion Ratio Lower Upper
45 100
43 54.6 43.0 64.6
87 28.8 22.1 33.1
59 11.5 9.0 13.4

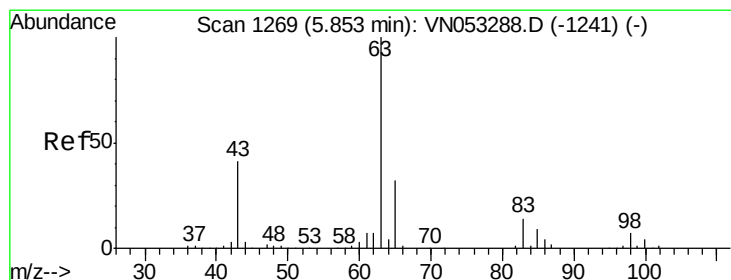
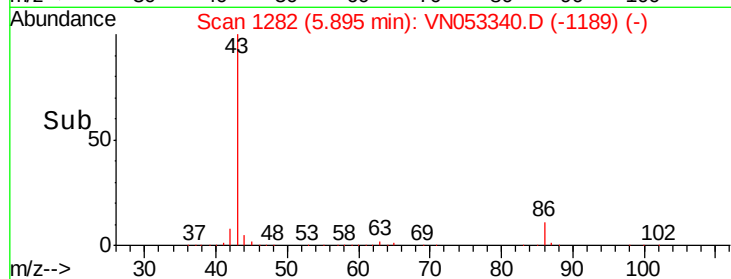
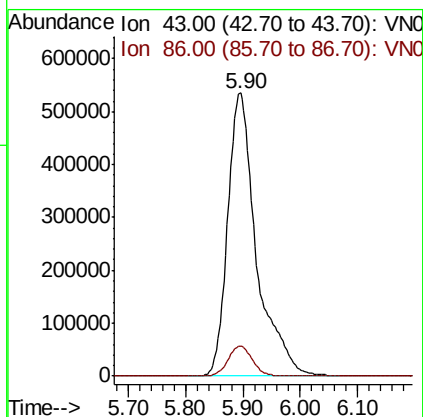
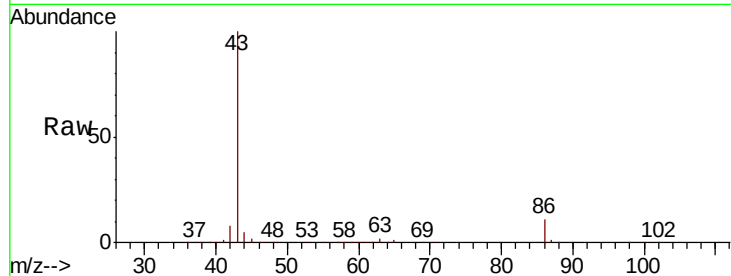




#23
 Vinyl Acetate
 Concen: 99.609 ug/l
 RT: 5.90 min Scan# 1282
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

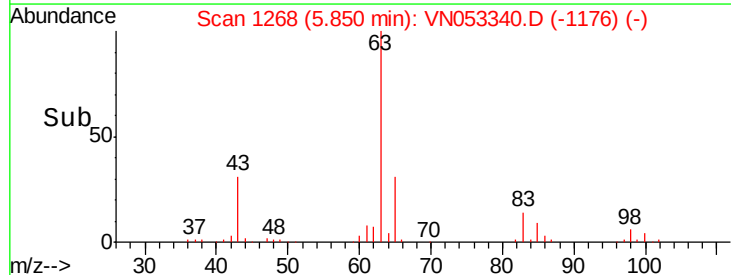
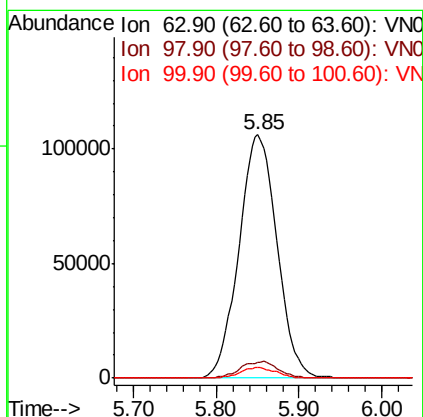
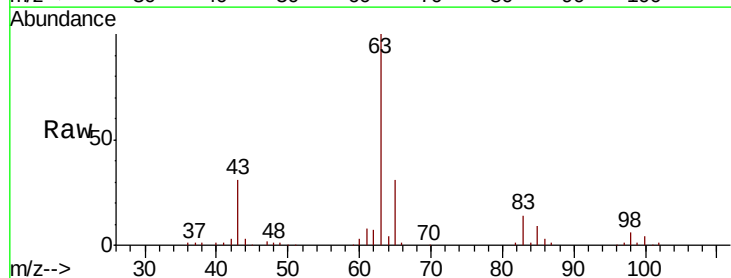
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

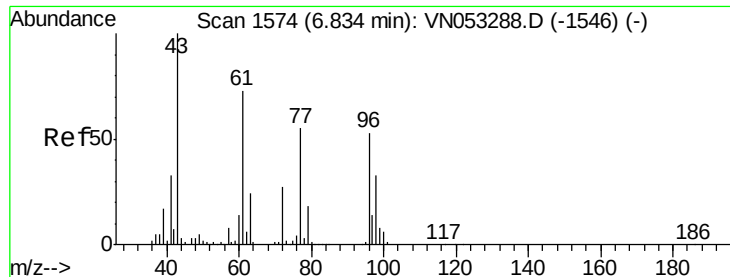
Tgt Ion: 43 Resp: 1872121
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.685 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 63 Resp: 339124
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.8
 100 4.3 2.1 6.5

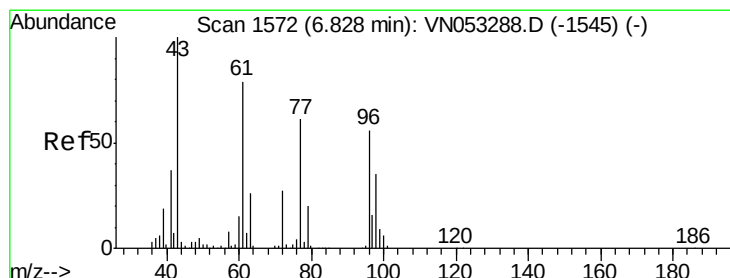
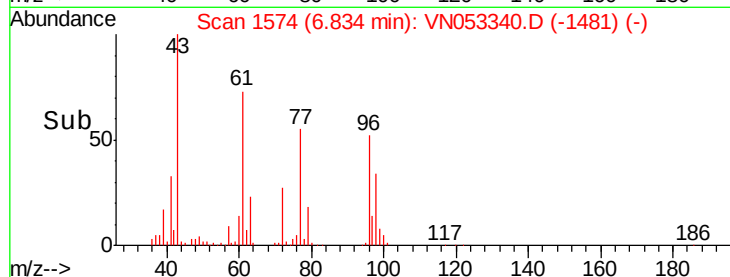
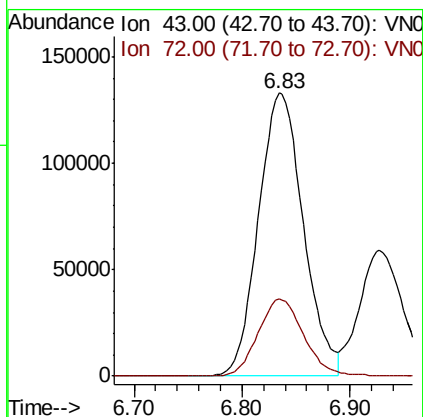
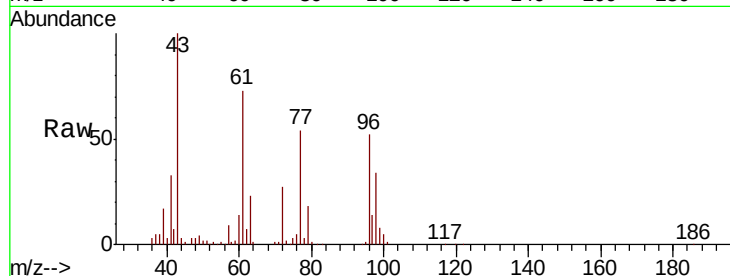




#25
 2-Butanone
 Concen: 97.154 ug/l
 RT: 6.83 min Scan# 1574
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

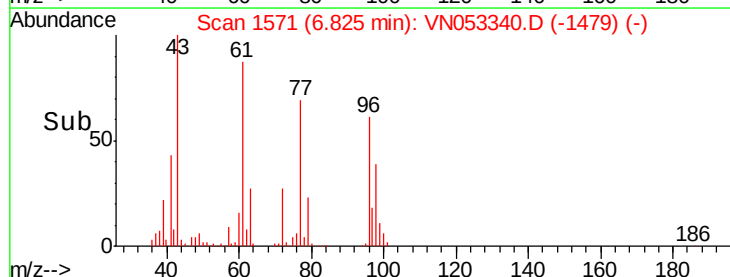
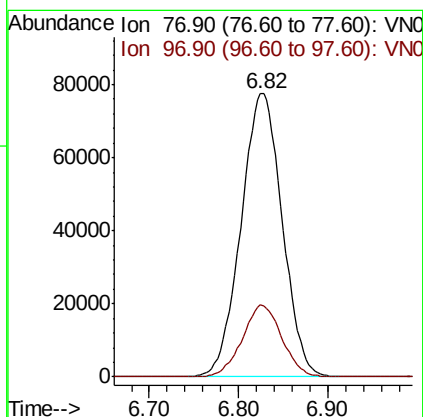
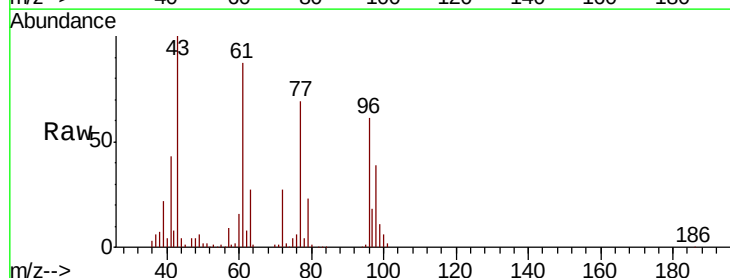
Instrument :
 MSVOA_N
 ClientSampled :
 VN0110WBS02

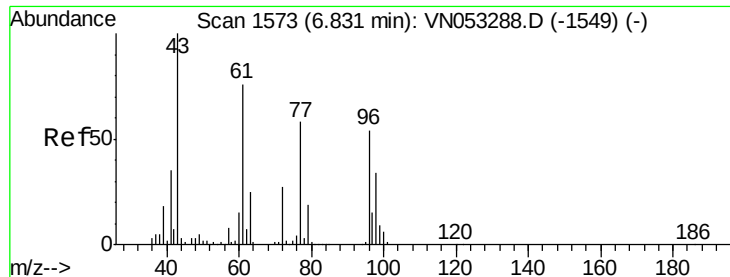
Tgt Ion: 43 Resp: 382328
 Ion Ratio Lower Upper
 43 100
 72 27.3 22.0 33.0



#26
 2,2-Dichloropropane
 Concen: 19.739 ug/l
 RT: 6.82 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 77 Resp: 248583
 Ion Ratio Lower Upper
 77 100
 97 24.4 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 19.725 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

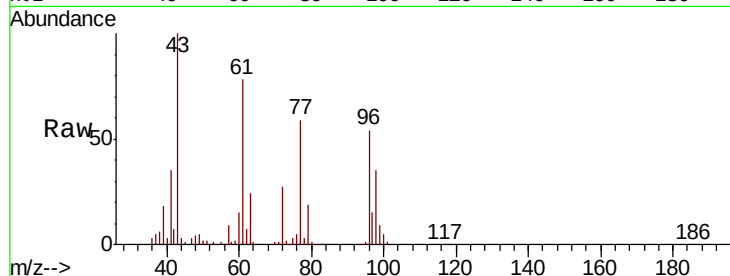
Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS02

Tgt Ion: 96 Resp: 208062

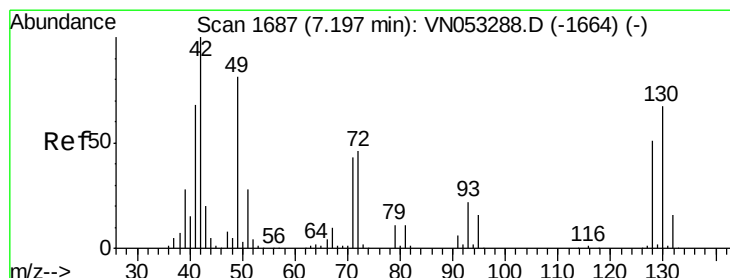
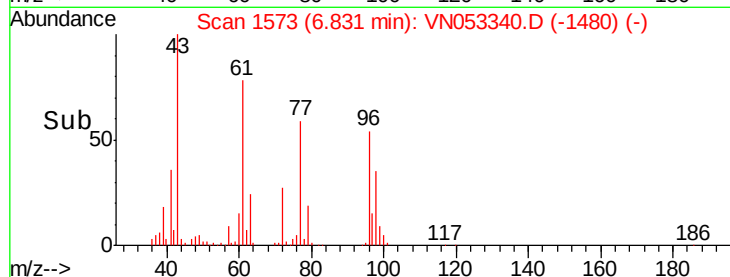
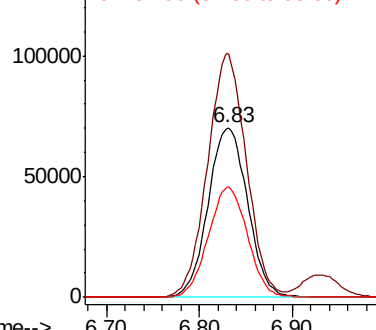
Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	280.6
98	64.5	0.0	127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 21.419 ug/l

RT: 7.19 min Scan# 1686

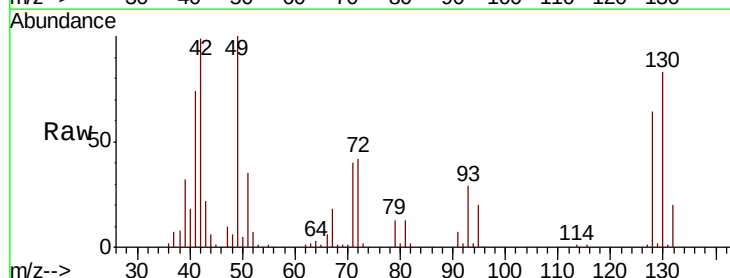
Delta R.T. -0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Tgt Ion: 49 Resp: 157242

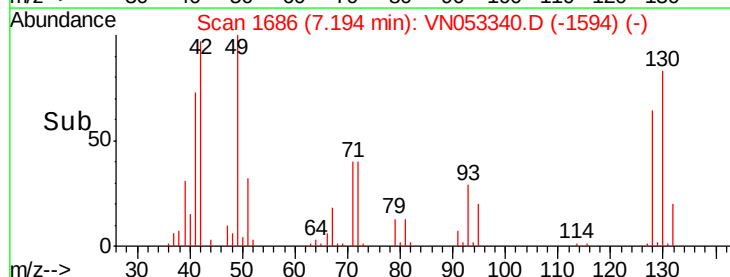
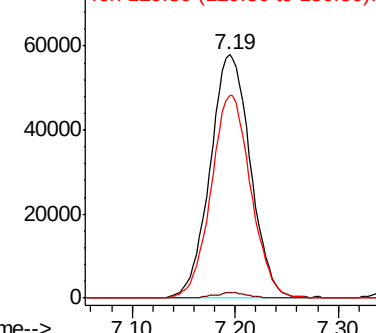
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	82.2	65.4	98.0

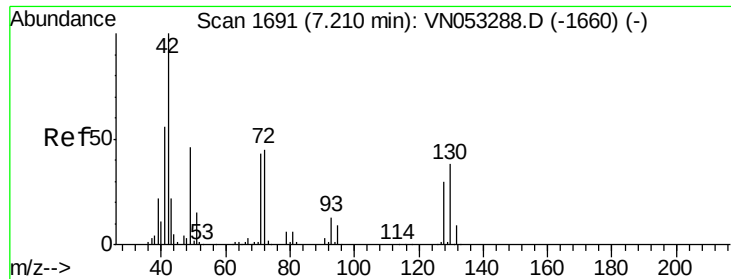


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

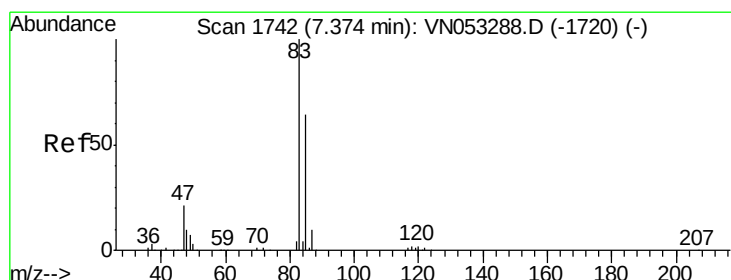
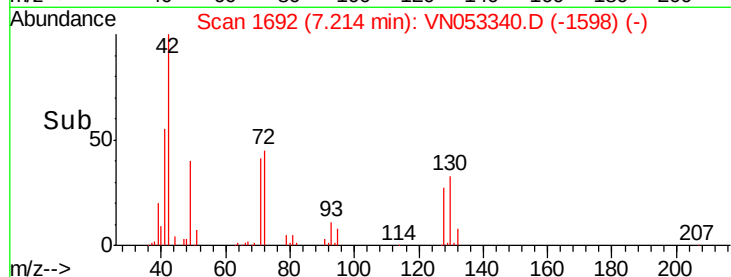
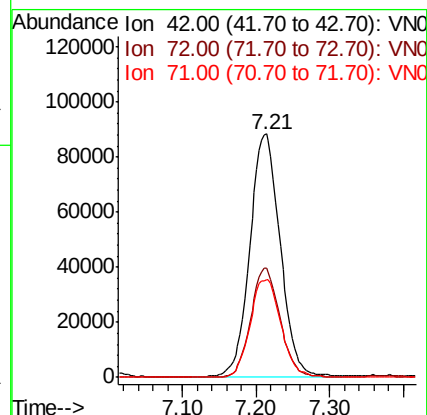
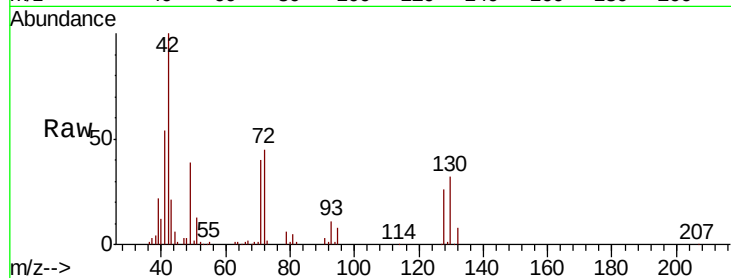




#29
Tetrahydrofuran
Concen: 98.192 ug/l
RT: 7.21 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

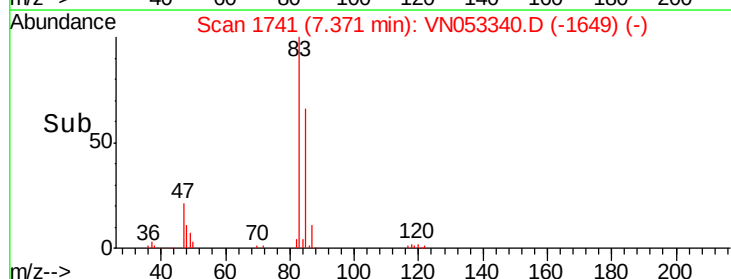
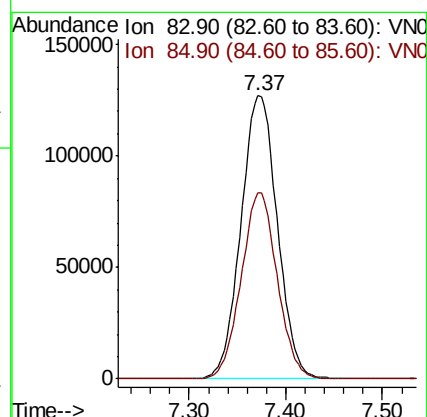
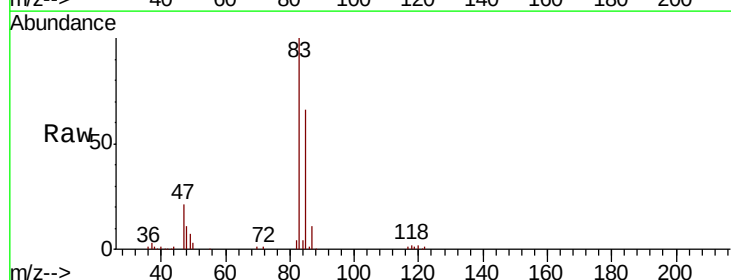
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS02

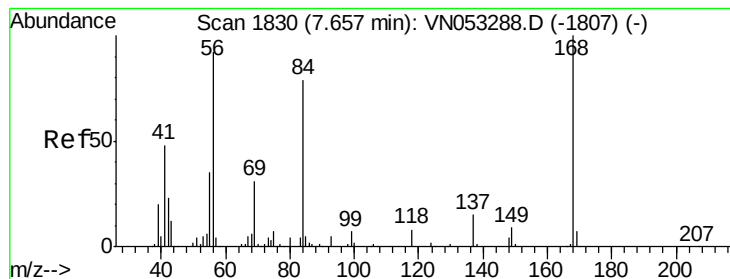
Tgt Ion: 42 Resp: 254997
Ion Ratio Lower Upper
42 100
72 43.0 35.6 53.4
71 40.5 33.8 50.8



#30
Chloroform
Concen: 19.642 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion: 83 Resp: 333065
Ion Ratio Lower Upper
83 100
85 65.9 51.3 76.9





#31

Cyclohexane

Concen: 19.530 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS02

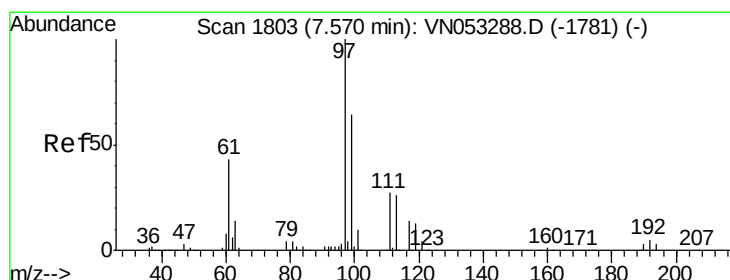
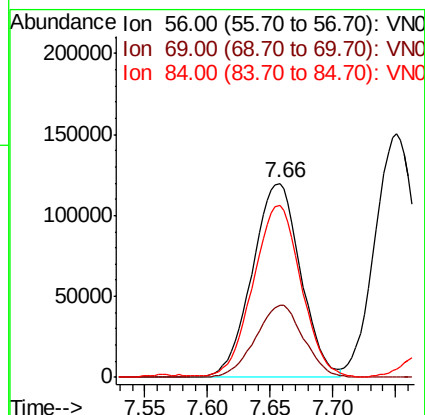
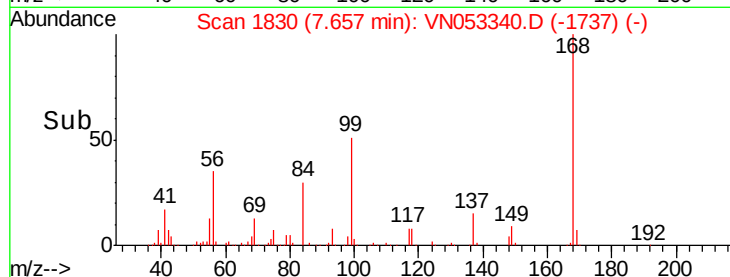
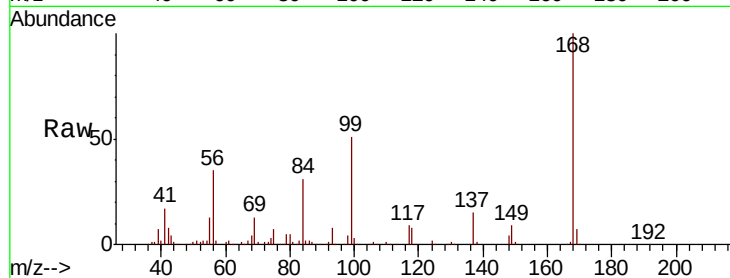
Tgt Ion: 56 Resp: 321667

Ion Ratio Lower Upper

56 100

69 37.3 26.7 40.1

84 87.9 68.2 102.4



#32

1,1,1-Trichloroethane

Concen: 19.590 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

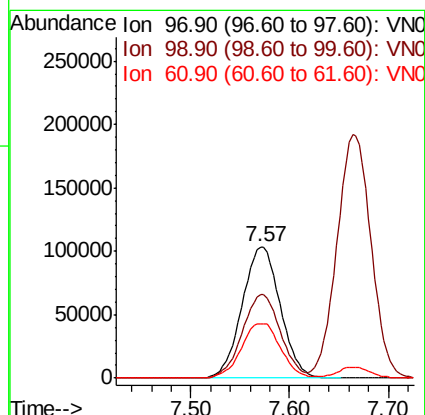
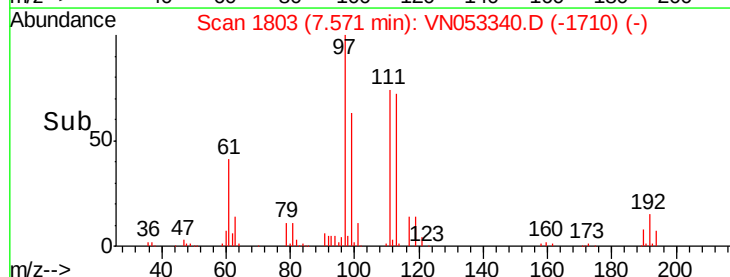
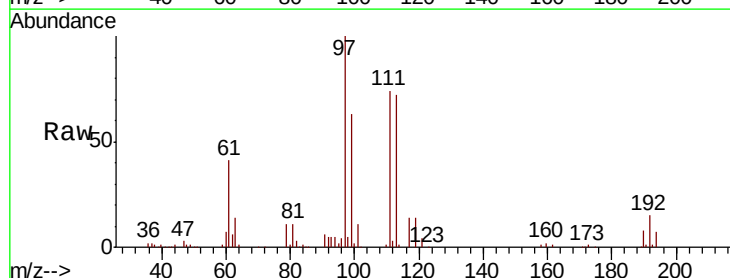
Tgt Ion: 97 Resp: 276810

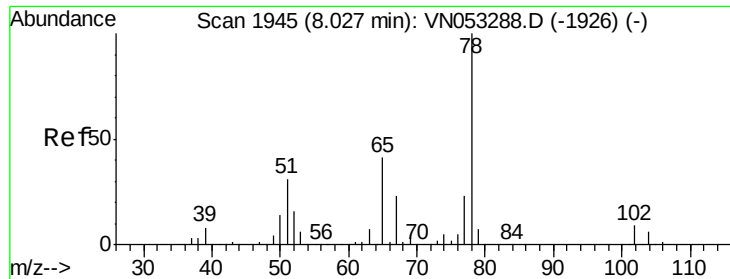
Ion Ratio Lower Upper

97 100

99 63.7 51.6 77.4

61 42.6 34.6 52.0

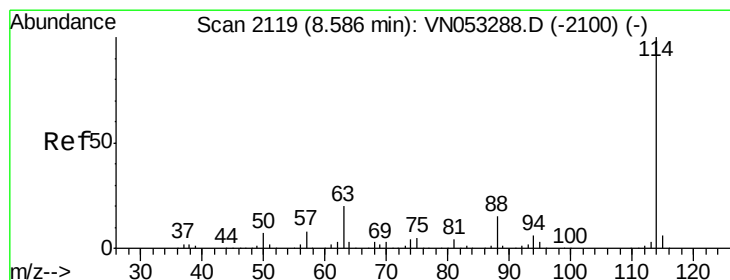
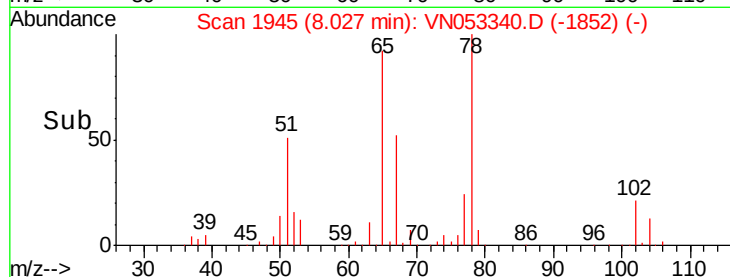
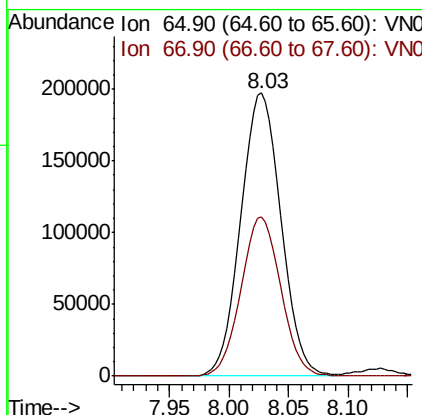
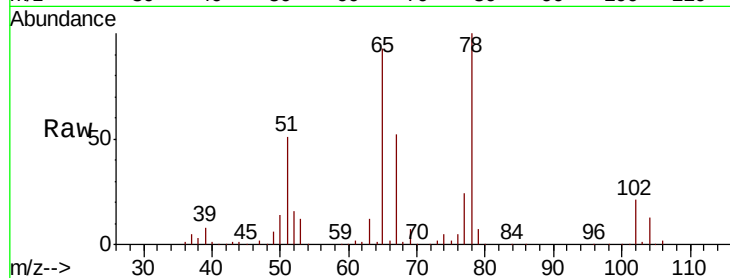




#33
 1,2-Dichloroethane-d4
 Concen: 19.590 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

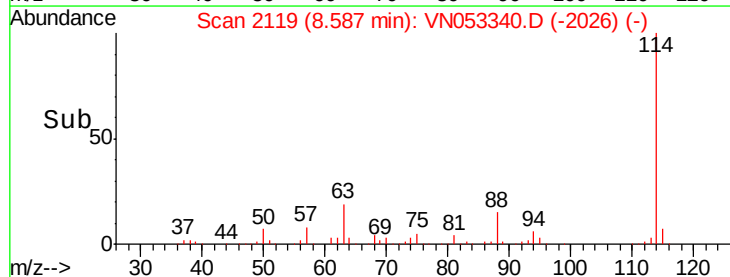
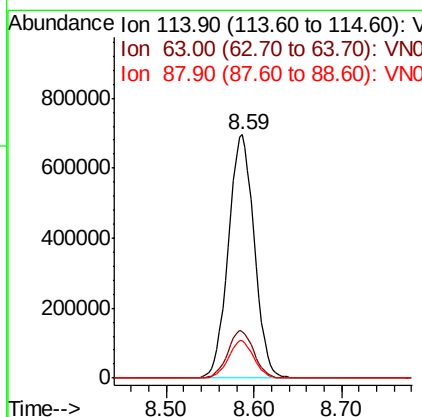
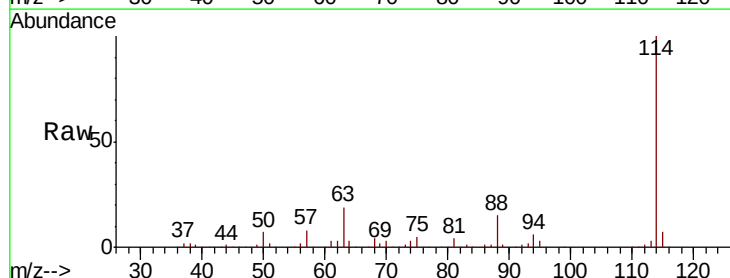
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

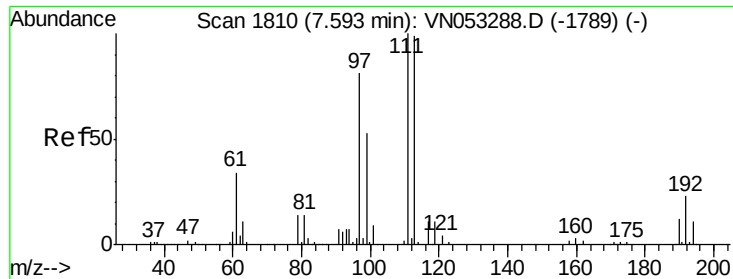
Tgt Ion: 65 Resp: 463383
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 114 Resp: 1429126
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 39.0
 88 15.4 0.0 30.8

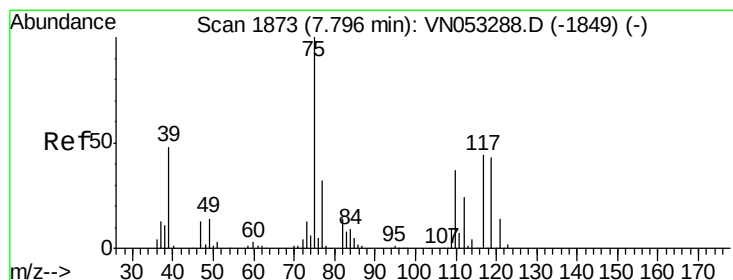
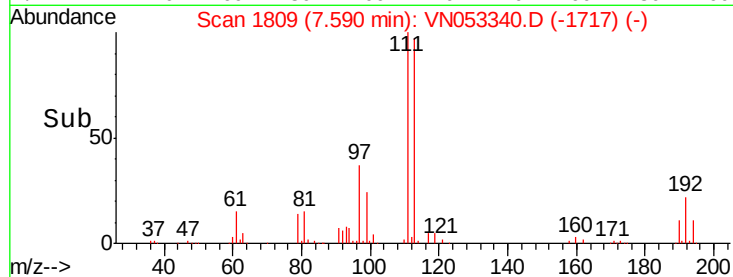
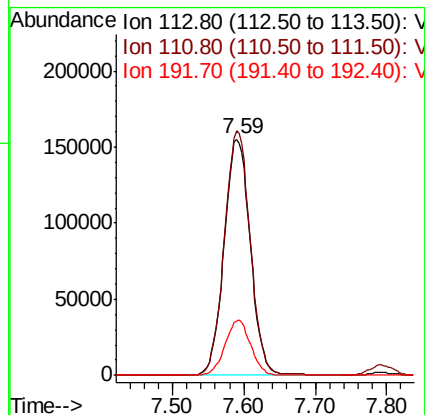
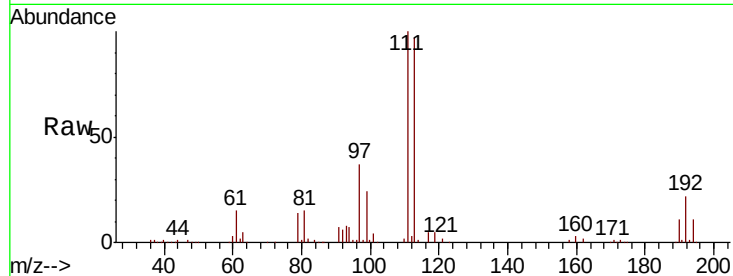




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

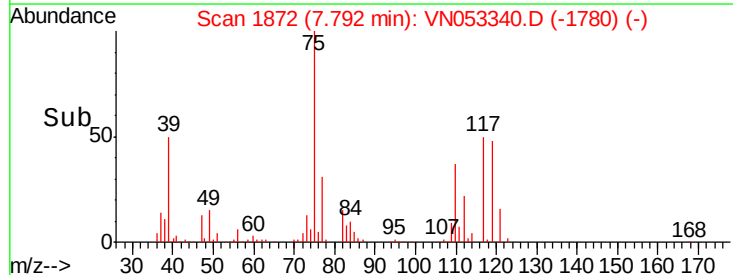
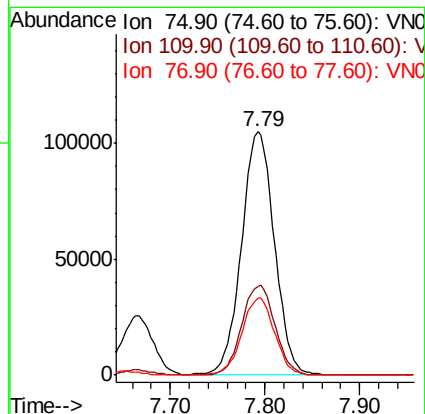
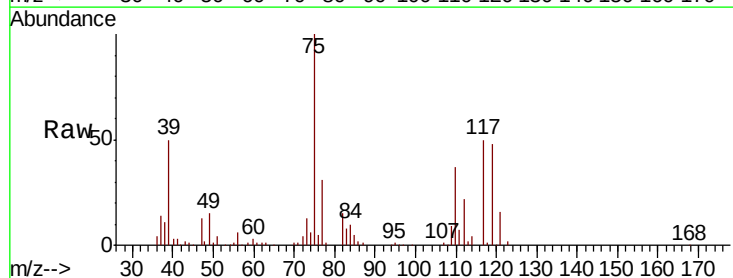
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

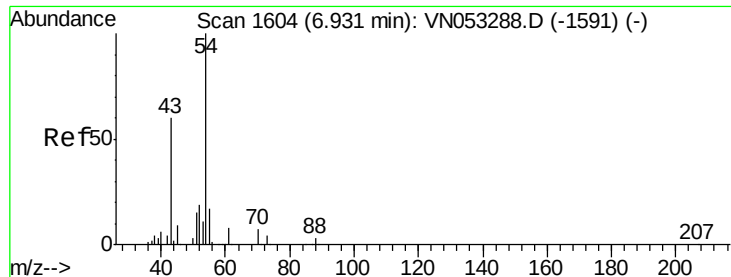
Tgt Ion: 113 Resp: 396711
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.2
 192 22.7 17.9 26.9



#36
 1,1-Dichloropropene
 Concen: 18.949 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 75 Resp: 252820
 Ion Ratio Lower Upper
 75 100
 110 37.3 18.4 55.0
 77 31.8 25.3 37.9

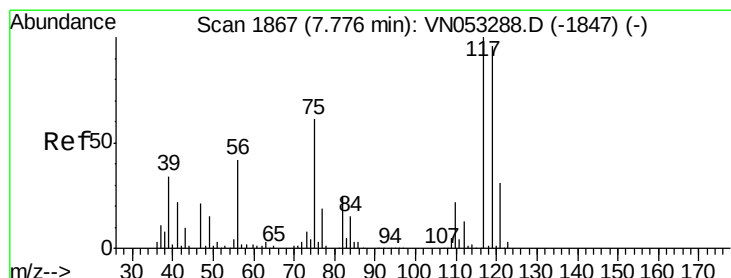
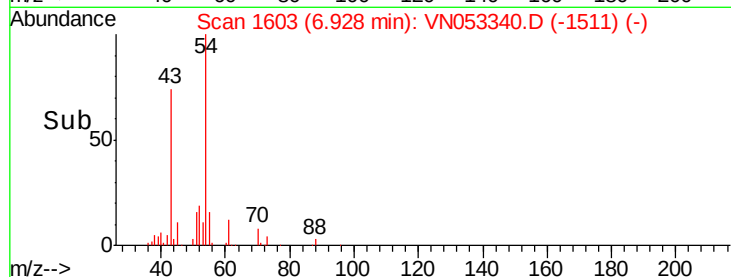
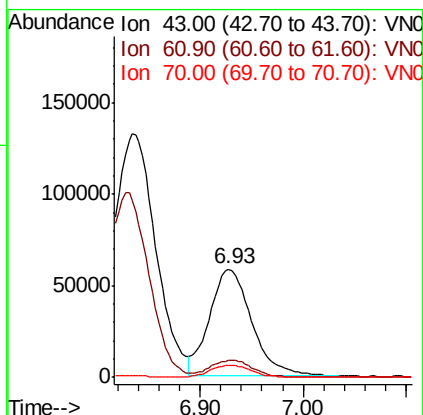
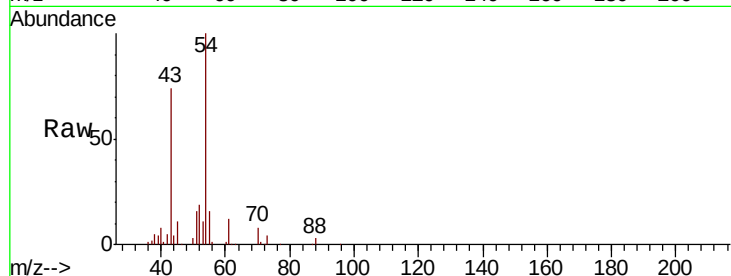




#37
Ethyl Acetate
 Concen: 19.135 ug/l
 RT: 6.93 min Scan# 1603
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

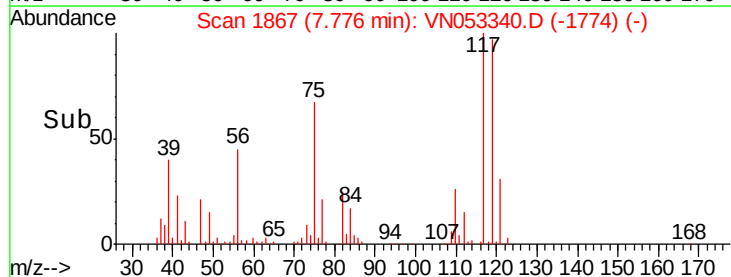
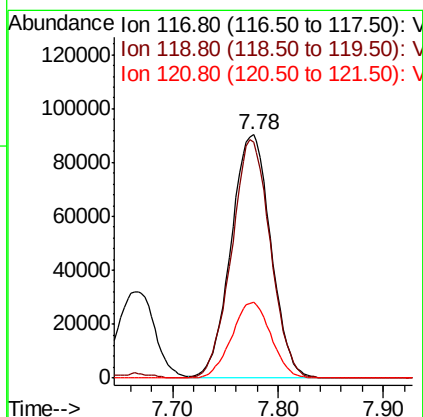
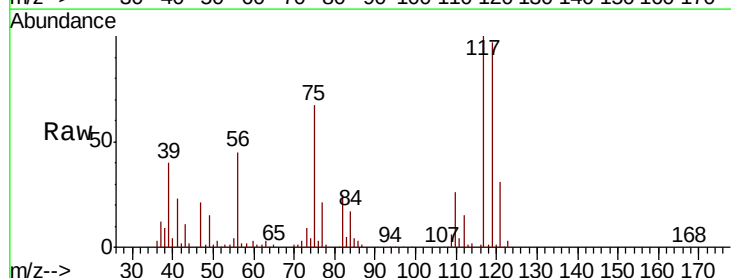
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

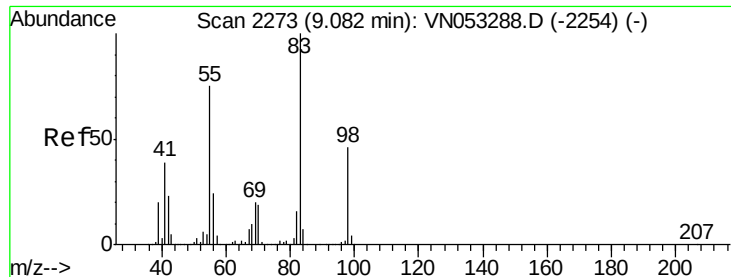
Tgt Ion: 43 Resp: 166293
 Ion Ratio Lower Upper
 43 100
 61 15.6 11.9 17.9
 70 11.3 8.6 13.0



#38
Carbon Tetrachloride
 Concen: 19.264 ug/l
 RT: 7.78 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 117 Resp: 237228
 Ion Ratio Lower Upper
 117 100
 119 96.7 76.6 115.0
 121 31.1 25.0 37.4

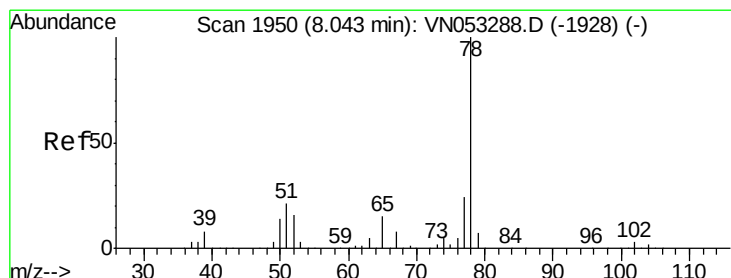
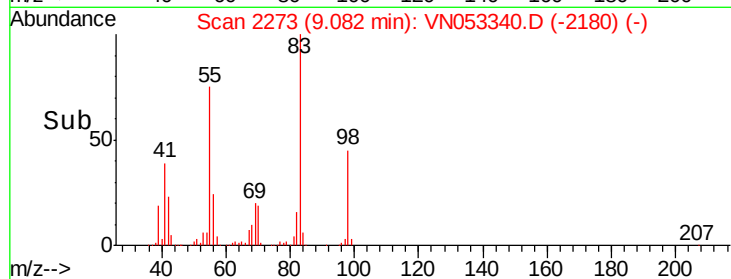
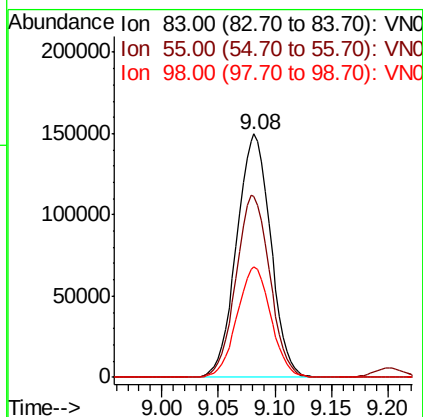
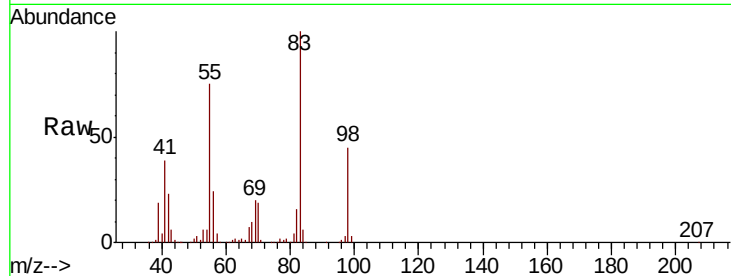




#39
Methylcyclohexane
Concen: 20.322 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

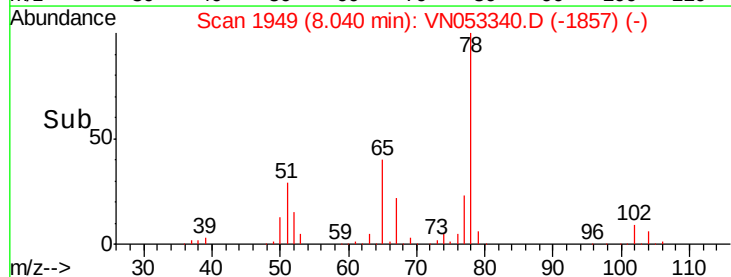
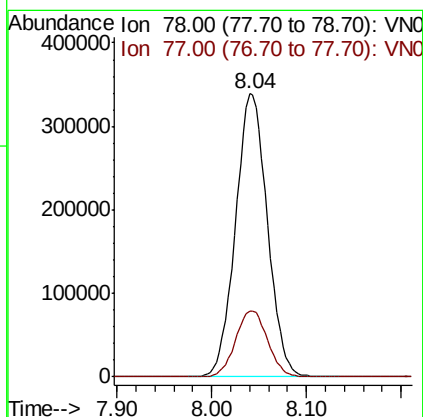
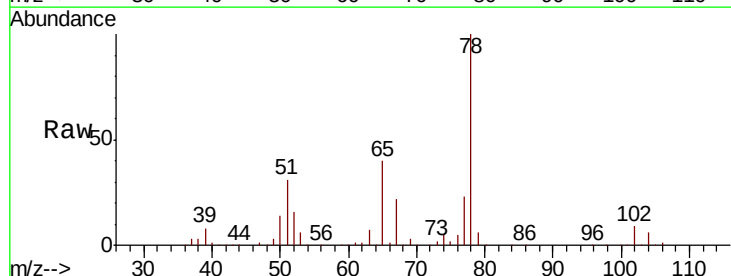
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS02

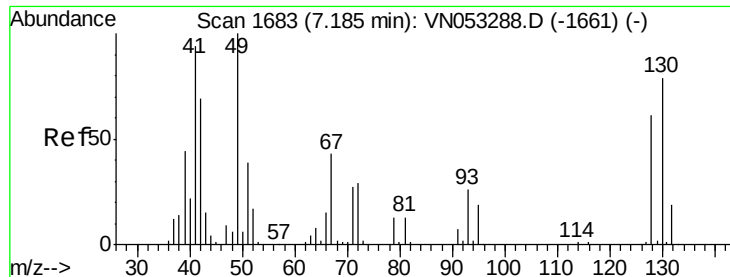
Tgt Ion: 83 Resp: 314105
Ion Ratio Lower Upper
83 100
55 74.5 60.1 90.1
98 45.4 36.7 55.1



#40
Benzene
Concen: 19.474 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion: 78 Resp: 793649
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4

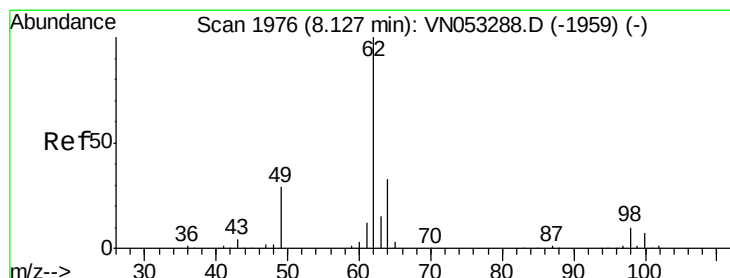
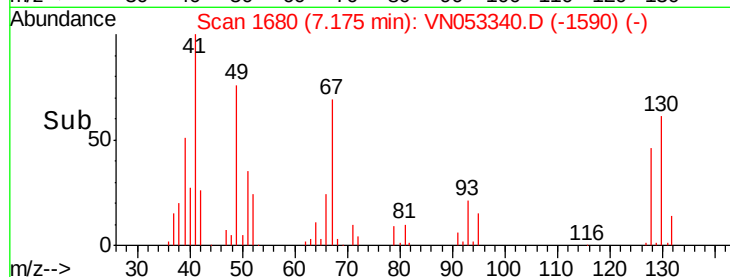
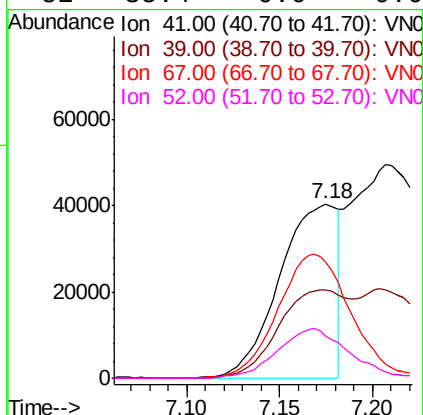
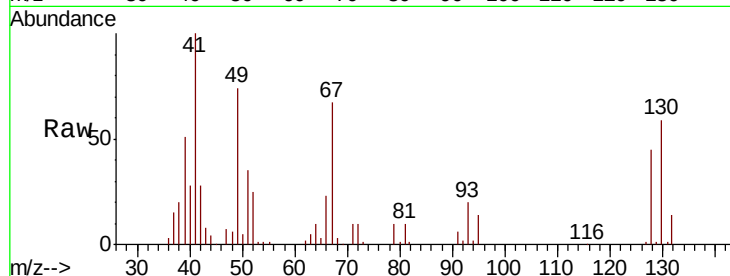




#41
Methacrylonitrile
Concen: 16.329 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

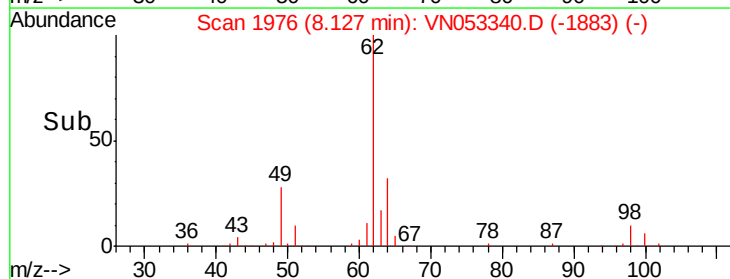
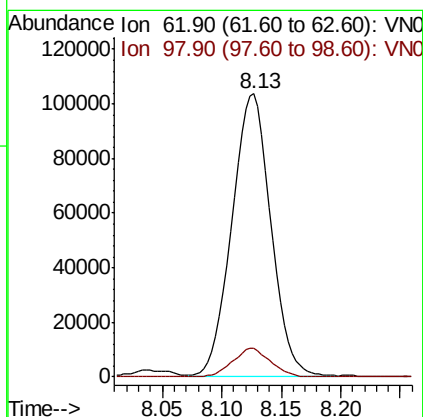
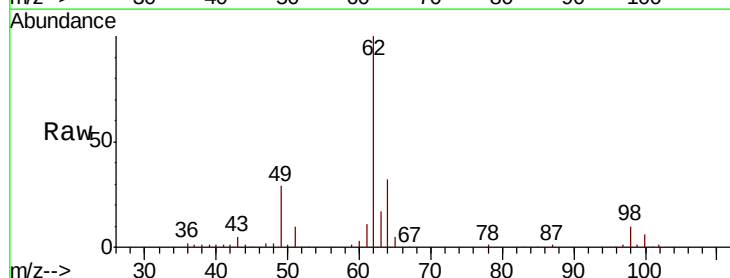
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS02

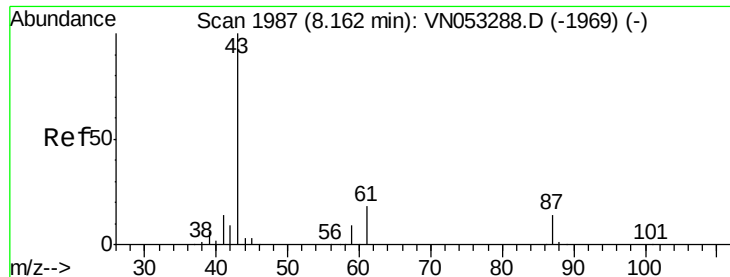
Tgt Ion:	41	Resp:	88097
Ion	Ratio	Lower	Upper
41	100		
39	63.3	0.0	0.0#
67	89.5	0.0	0.0#
52	35.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 19.371 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion:	62	Resp:	234168
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.2





#43

Isopropyl Acetate

Concen: 18.275 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS02

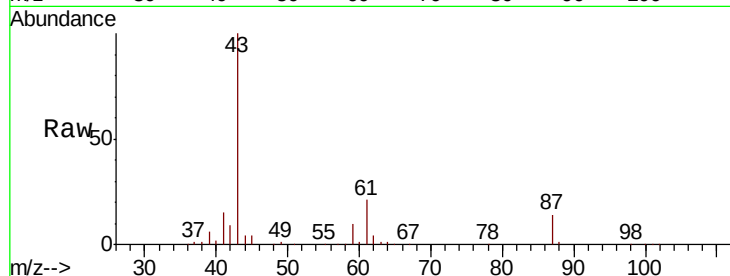
Tgt Ion: 43 Resp: 312431

Ion Ratio Lower Upper

43 100

61 27.7 23.3 34.9

87 13.1 10.8 16.2

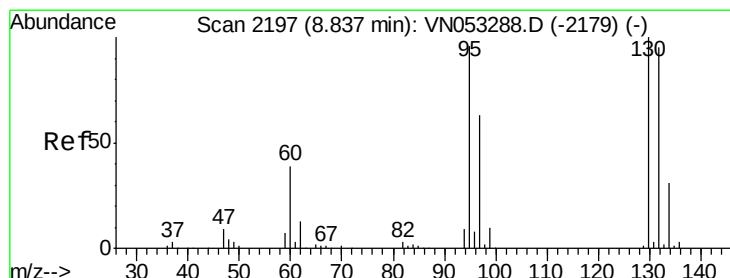
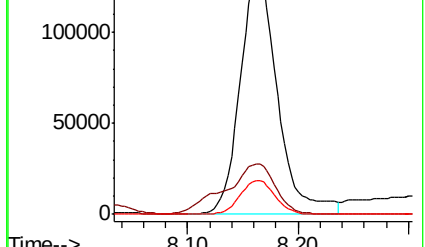
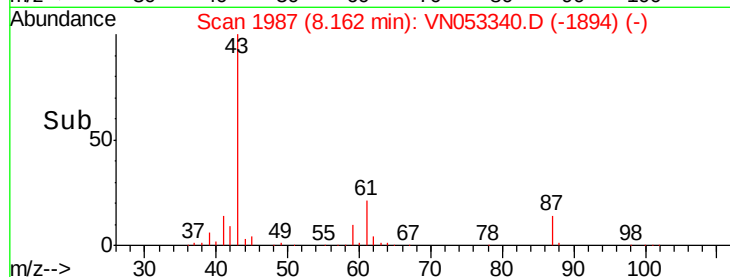


Abundance Ion 43.00 (42.70 to 43.70): VN053340.D (-2104) (-)

Ion 61.00 (60.70 to 61.70): VN053340.D (-2104) (-)

Ion 87.00 (86.70 to 87.70): VN053340.D (-2104) (-)

8.16



#44

Trichloroethene

Concen: 19.103 ug/l

RT: 8.84 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN053340.D

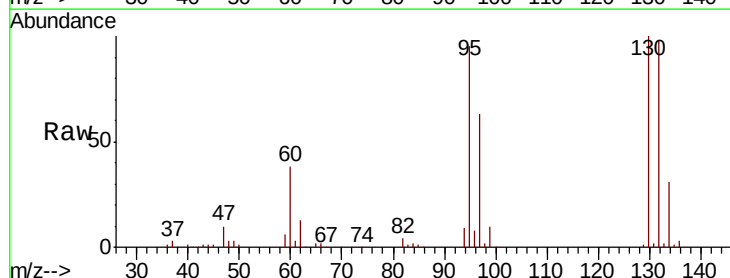
Acq: 10 Jan 2019 14:34

Tgt Ion: 130 Resp: 213770

Ion Ratio Lower Upper

130 100

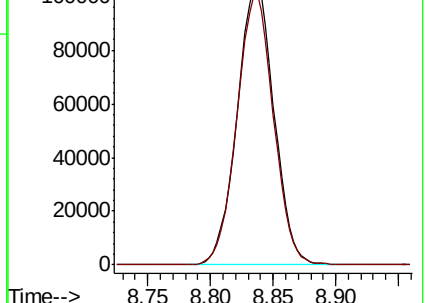
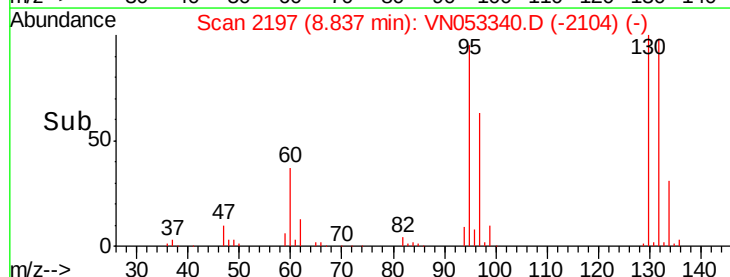
95 95.4 0.0 191.8

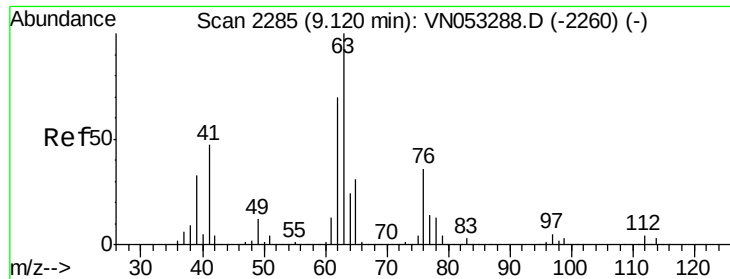


Abundance Ion 129.80 (129.50 to 130.50): VN053340.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053340.D (-2104) (-)

8.84

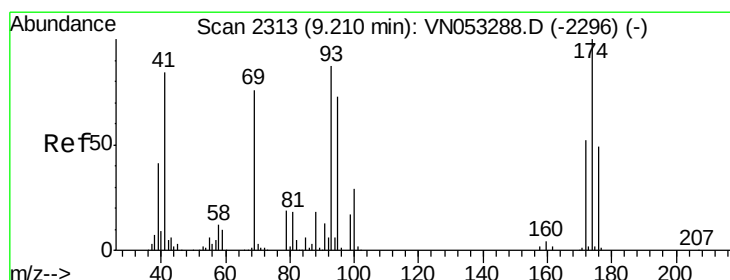
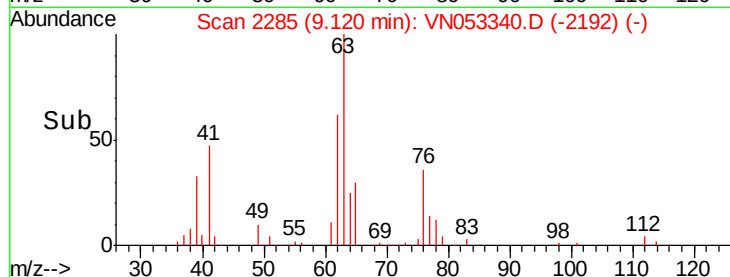
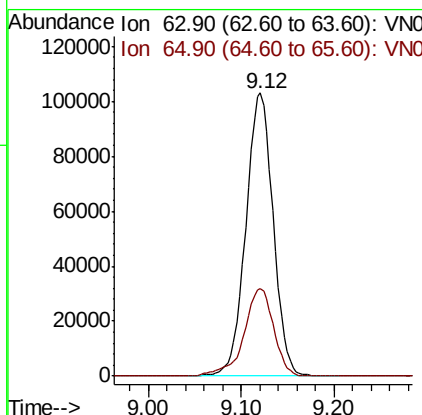
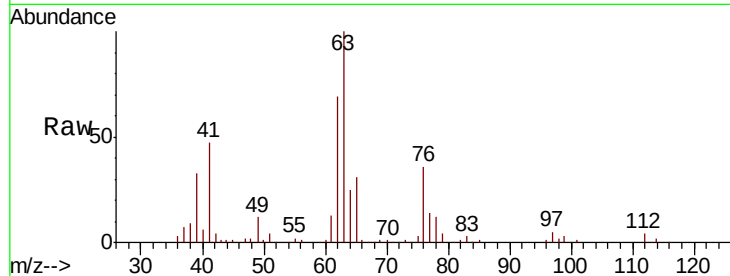




#45
 1,2-Dichloropropane
 Concen: 19.690 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

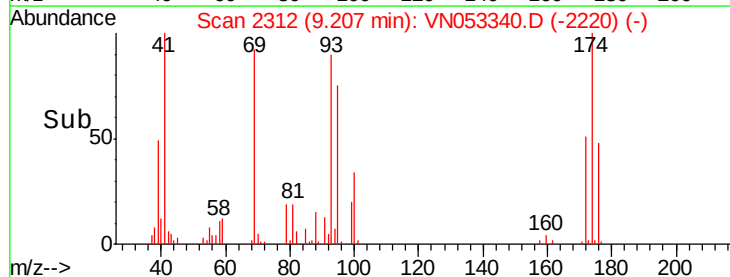
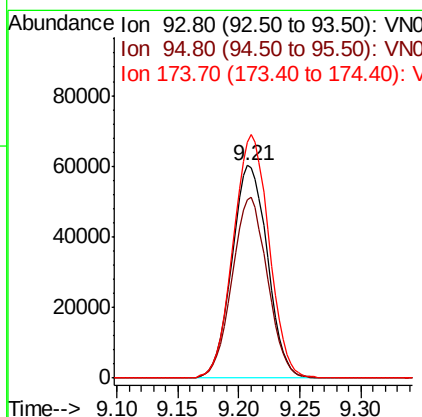
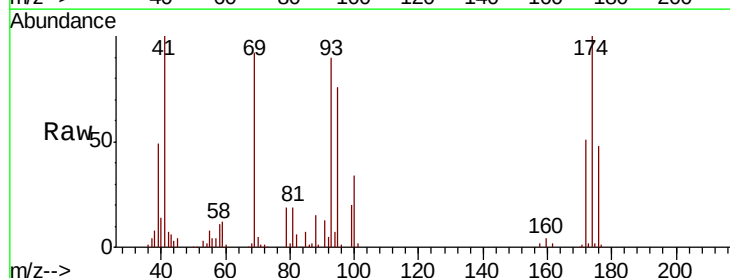
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

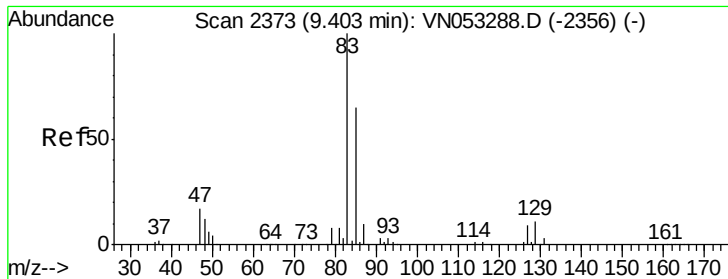
Tgt Ion: 63 Resp: 210467
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.0 37.6



#46
 Dibromomethane
 Concen: 19.581 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 93 Resp: 122032
 Ion Ratio Lower Upper
 93 100
 95 84.4 66.6 100.0
 174 114.8 91.4 137.0





#47

Bromodichloromethane

Concen: 19.316 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS02

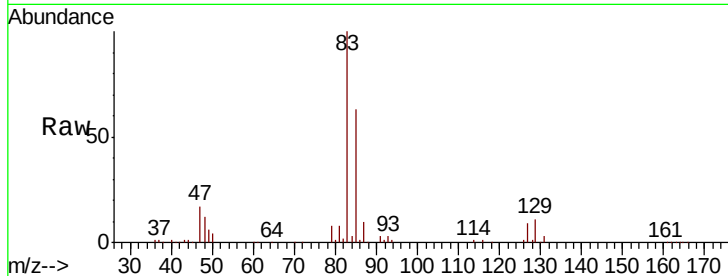
Tgt Ion: 83 Resp: 250869

Ion Ratio Lower Upper

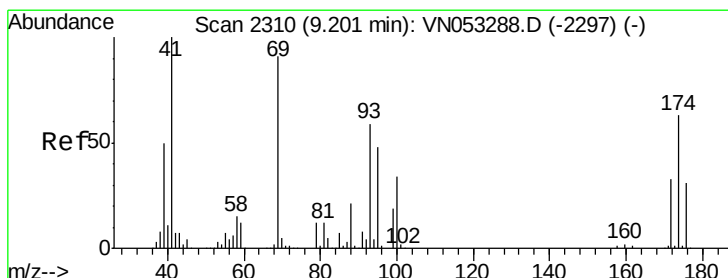
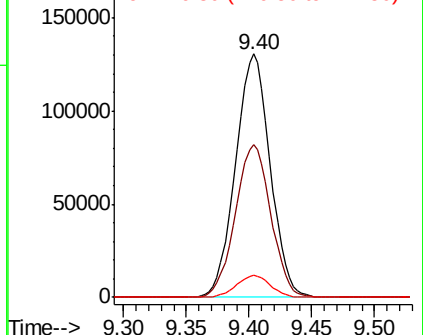
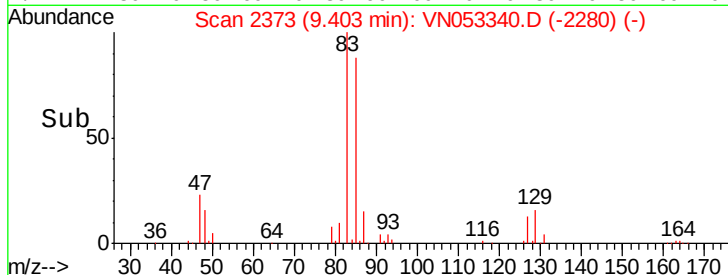
83 100

85 62.7 51.7 77.5

127 9.0 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VN053340.D (-2280) (-)



#48

Methyl methacrylate

Concen: 19.224 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

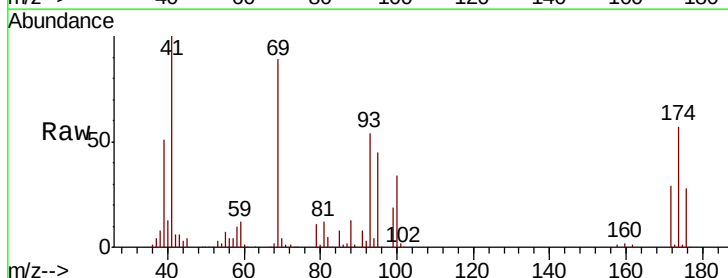
Tgt Ion: 41 Resp: 149315

Ion Ratio Lower Upper

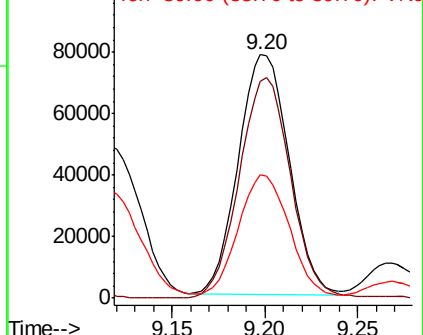
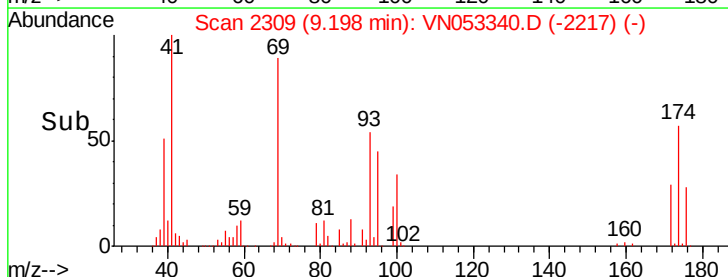
41 100

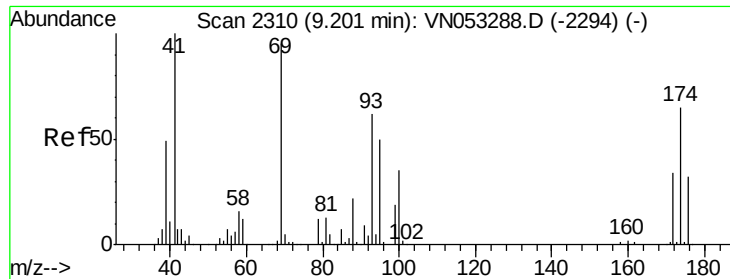
69 92.7 73.5 110.3

39 51.8 41.6 62.4



Abundance Ion 41.00 (40.70 to 41.70): VN053340.D (-2217) (-)





#49

1,4-Dioxane

Concen: 276.467 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS02

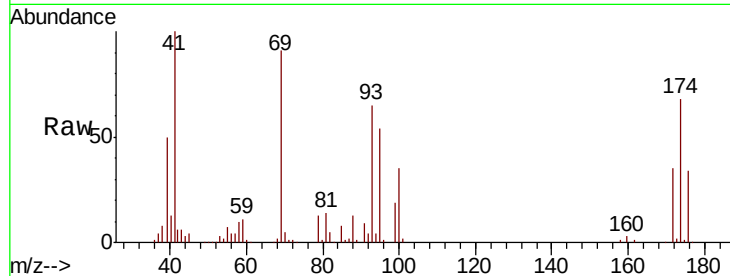
Tgt Ion: 88 Resp: 22878

Ion Ratio Lower Upper

88 100

43 35.4 26.2 39.4

58 75.2 55.5 83.3

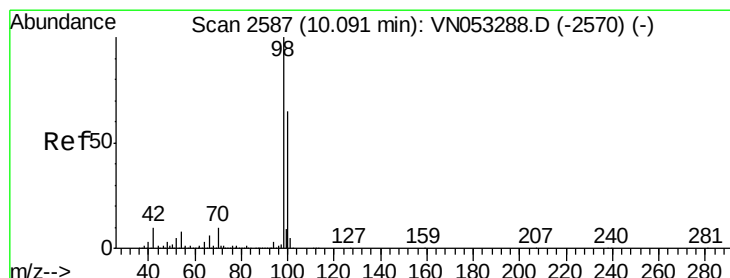
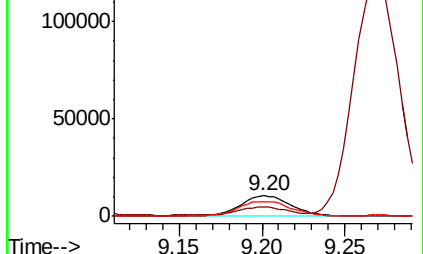
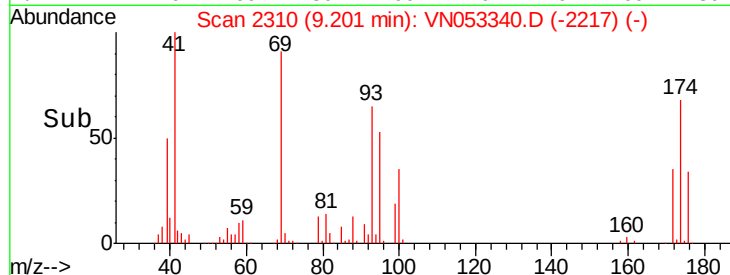


Abundance Ion 88.00 (87.70 to 88.70): VN053340.D (-2217) (-)

Ion 43.00 (42.70 to 43.70): VN053340.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN053340.D (-2217) (-)

Time-->



#50

Toluene-d8

Concen: 276.467 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053340.D

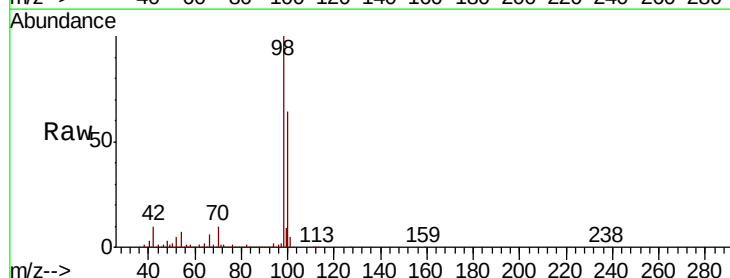
Acq: 10 Jan 2019 14:34

Tgt Ion: 98 Resp: 1682151

Ion Ratio Lower Upper

98 100

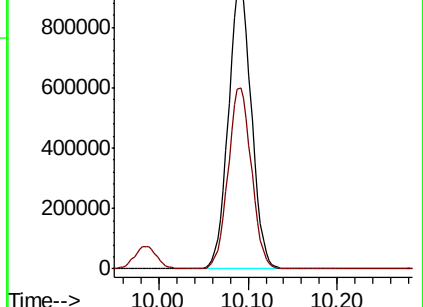
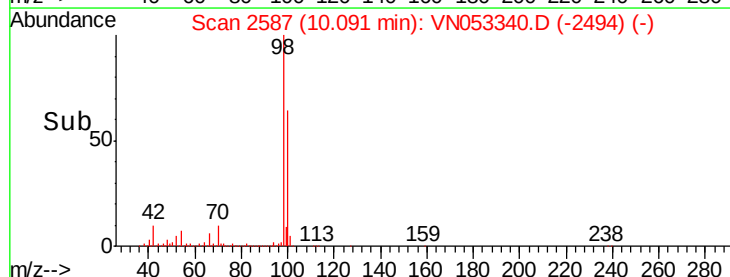
100 64.5 51.5 77.3

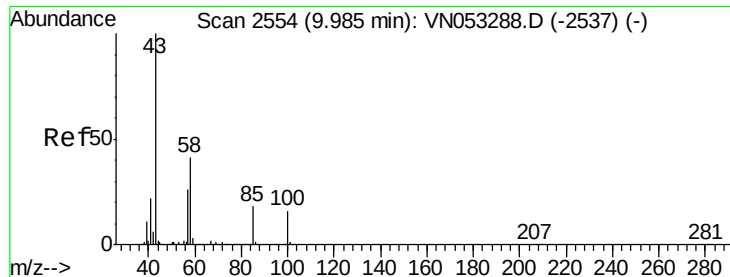


Abundance Ion 98.00 (97.70 to 98.70): VN053340.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053340.D (-2494) (-)

Time-->

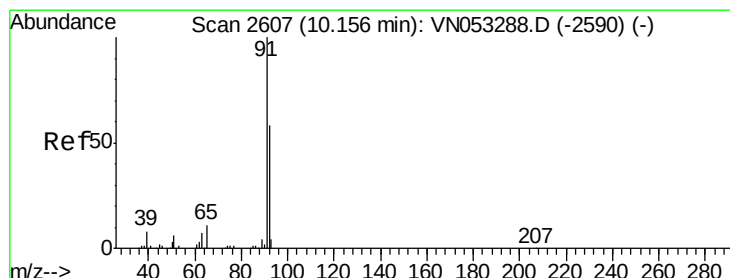
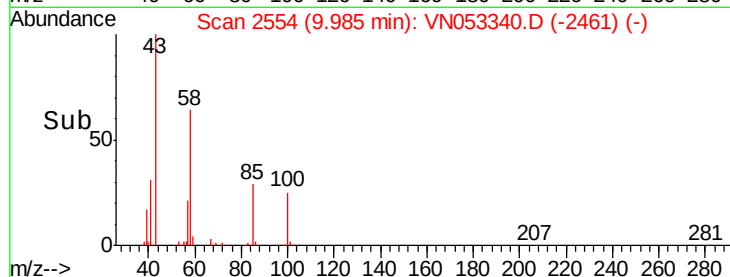
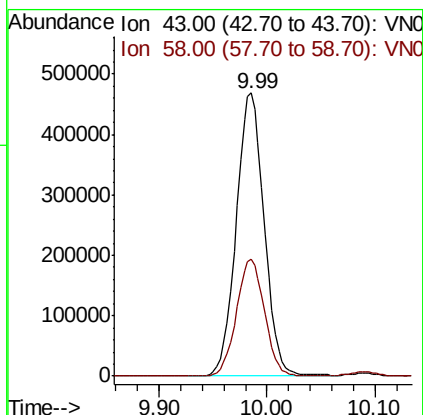
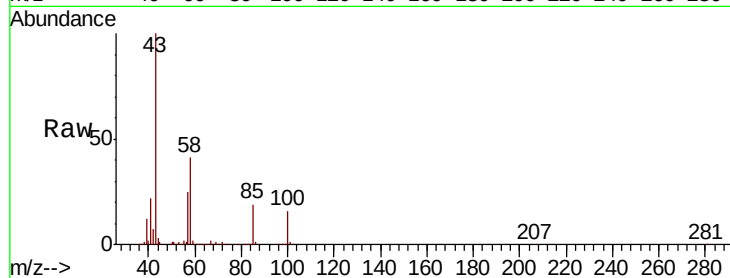




#51
 4-Methyl-2-Pentanone
 Concen: 98.140 ug/l
 RT: 9.99 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

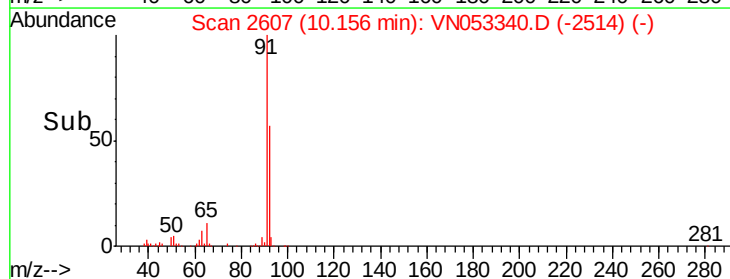
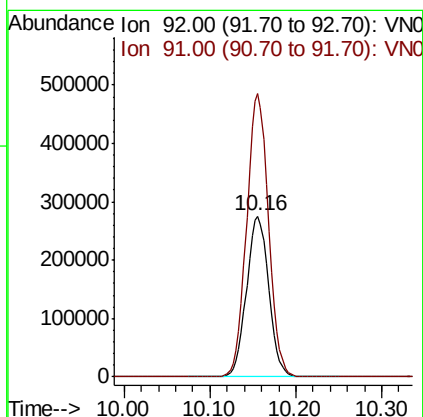
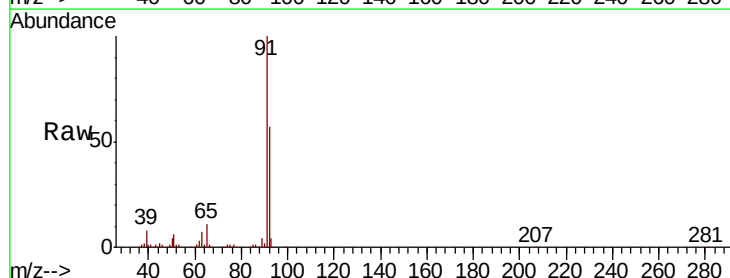
Instrument :
 MSVOA_N
 ClientSampled :
 VN0110WBS02

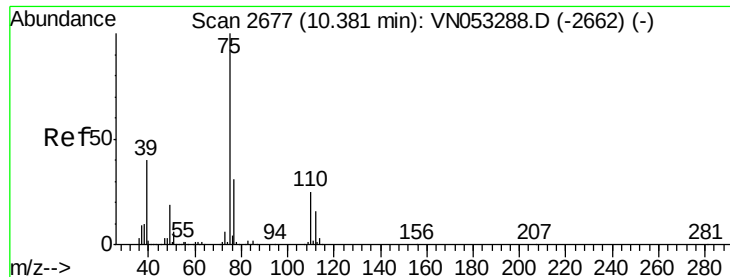
Tgt Ion: 43 Resp: 843733
 Ion Ratio Lower Upper
 43 100
 58 41.5 32.7 49.1



#52
 Toluene
 Concen: 19.725 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 92 Resp: 493167
 Ion Ratio Lower Upper
 92 100
 91 173.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 19.875 ug/l

RT: 10.38 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

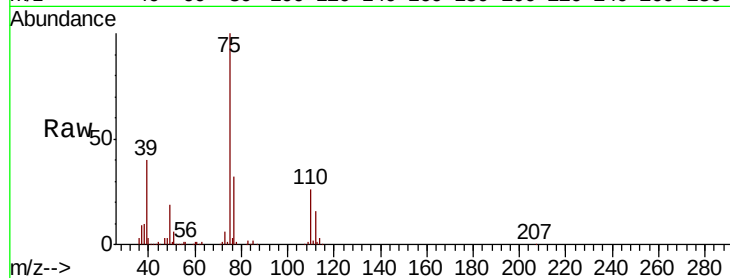
VN0110WBS02

Tgt Ion: 75 Resp: 264071

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.38

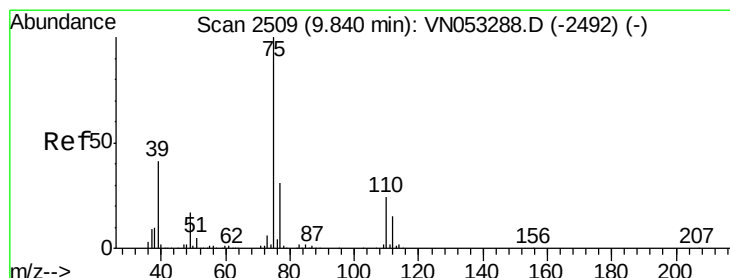
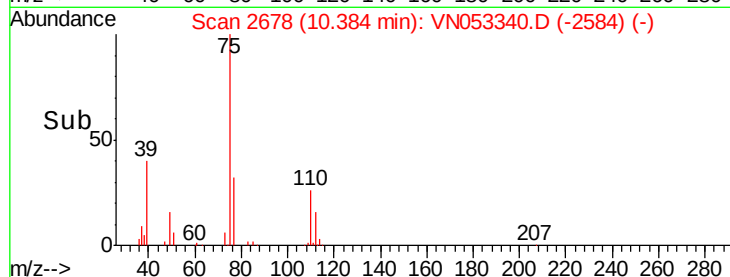
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.900 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

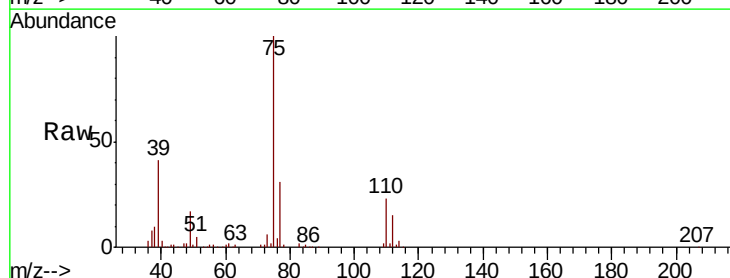
Tgt Ion: 75 Resp: 305525

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7

39 40.7 33.1 49.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.84

200000

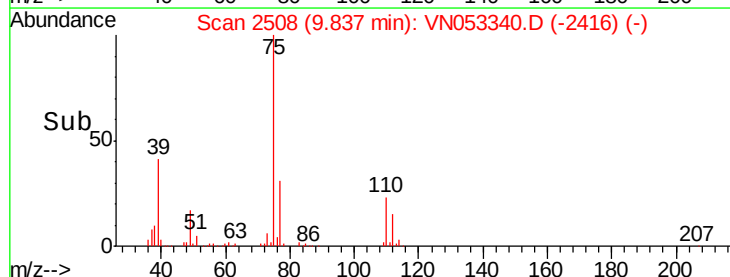
150000

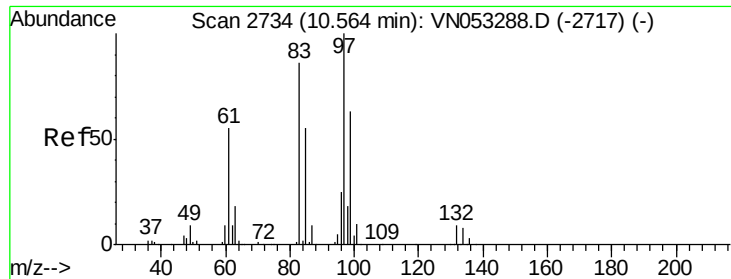
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 19.452 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. -0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampled :

VN0110WBS02

Tgt Ion: 97 Resp: 178829

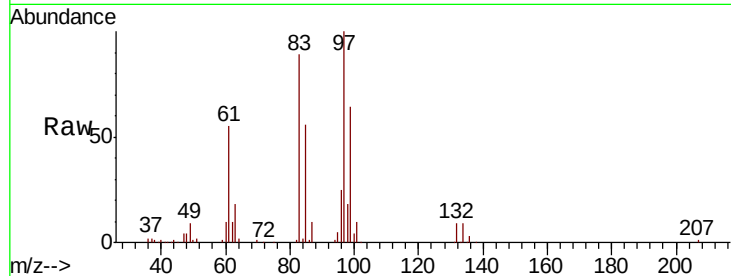
Ion Ratio Lower Upper

97 100

83 88.8 69.1 103.7

85 56.0 44.2 66.4

99 63.7 50.3 75.5

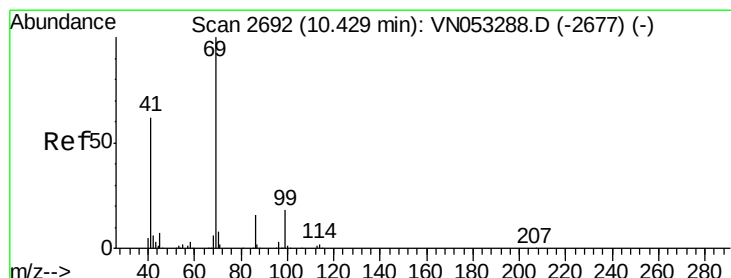
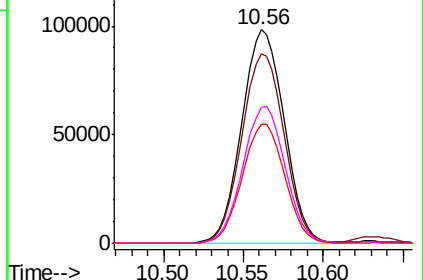
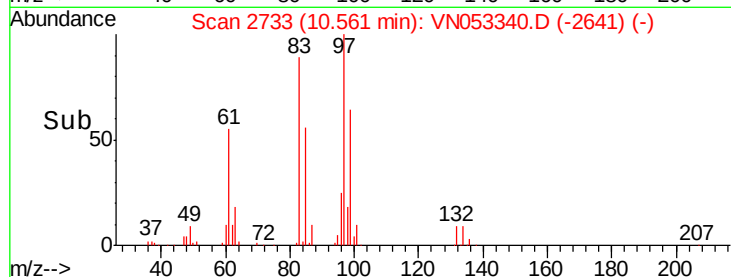


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 19.786 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

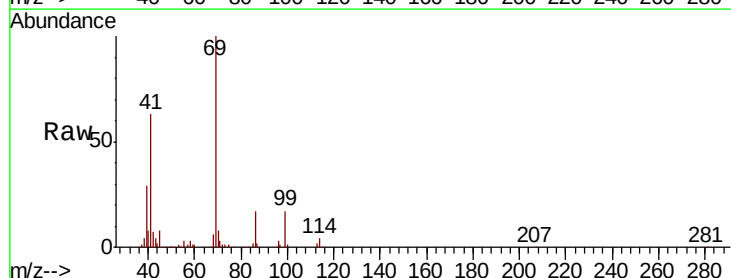
Tgt Ion: 69 Resp: 236387

Ion Ratio Lower Upper

69 100

41 62.6 49.2 73.8

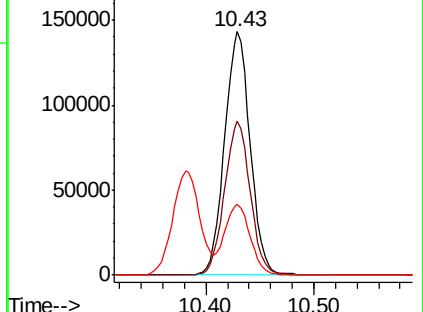
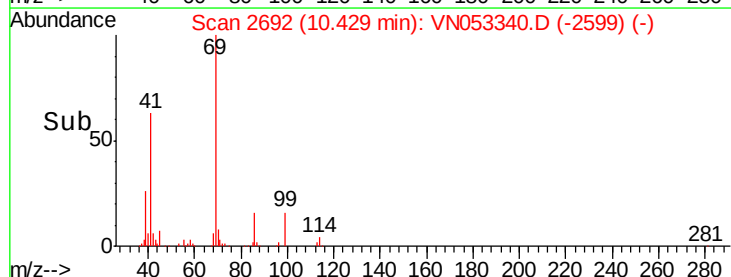
39 29.5 23.4 35.0

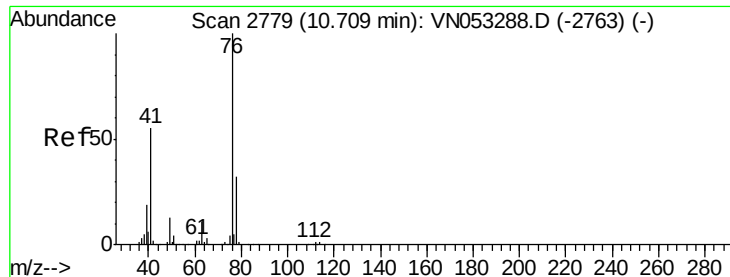


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 19.899 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

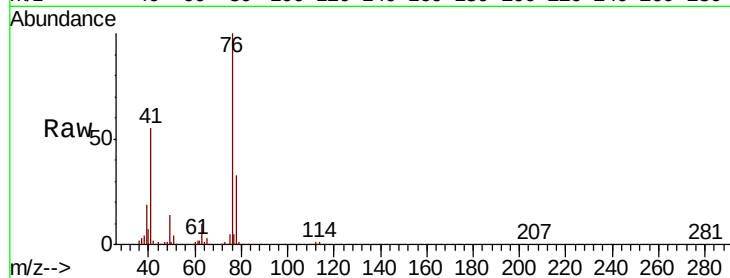
VN0110WBS02

Tgt Ion: 76 Resp: 305922

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN053340.D (-2686) (-)

Ion 77.90 (77.60 to 78.60): VN053340.D (-2686) (-)

10.71

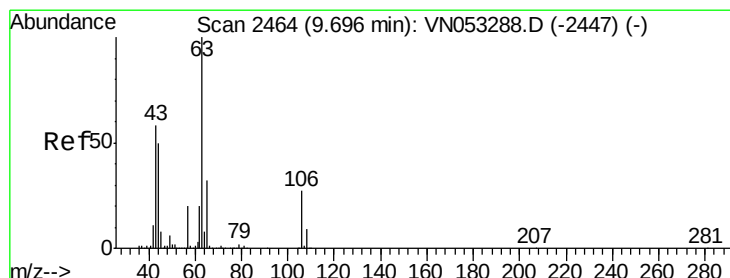
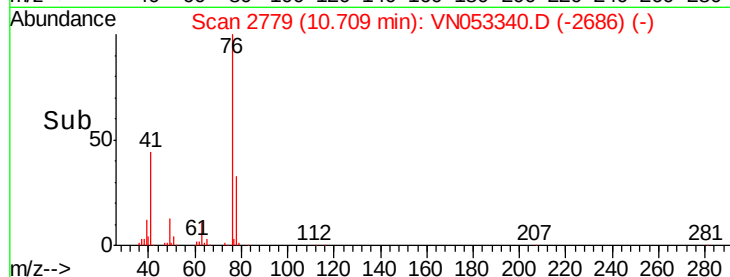
150000

100000

50000

0

Time--> 10.60 10.70 10.80



#58

2-Chloroethyl Vinyl ether

Concen: 98.454 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN053340.D

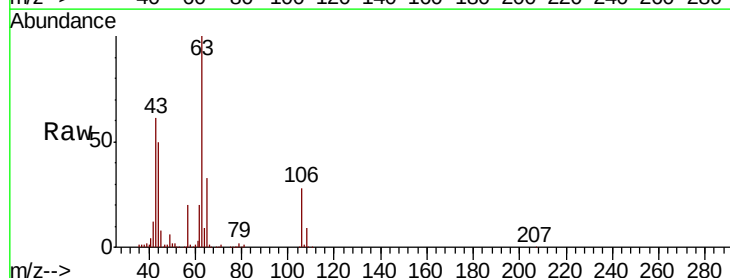
Acq: 10 Jan 2019 14:34

Tgt Ion: 63 Resp: 635889

Ion Ratio Lower Upper

63 100

106 27.2 21.7 32.5



Abundance Ion 62.90 (62.60 to 63.60): VN053340.D (-2371) (-)

Ion 105.90 (105.60 to 106.60): VN053340.D (-2371) (-)

9.70

400000

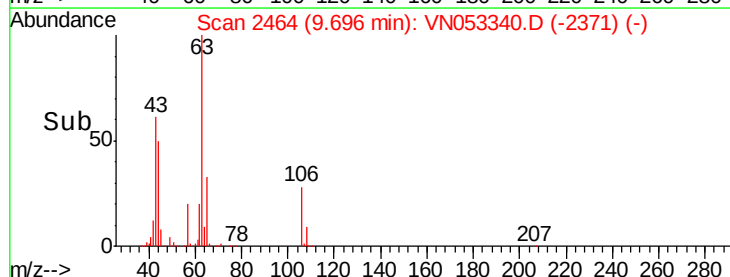
300000

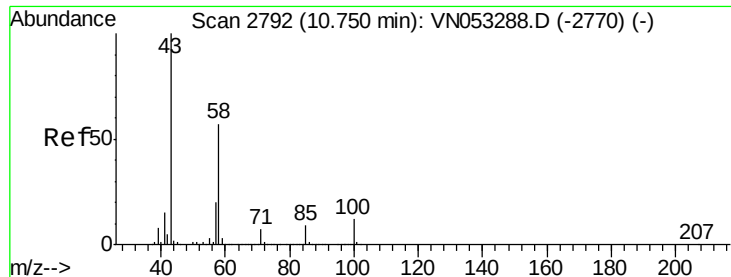
200000

100000

0

Time--> 9.60 9.65 9.70 9.75 9.80

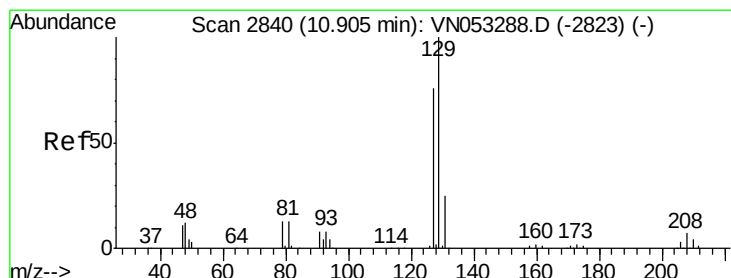
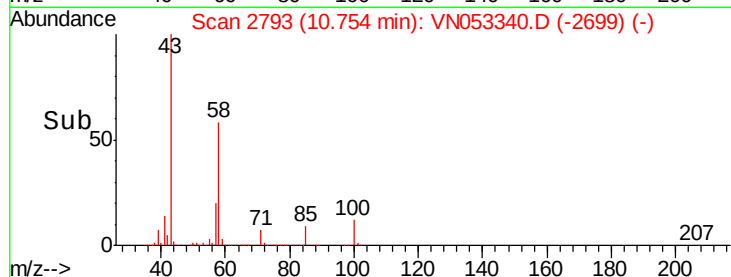
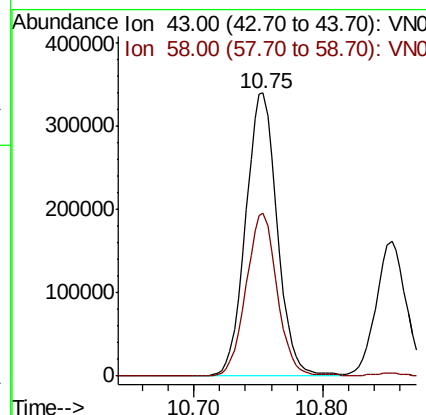
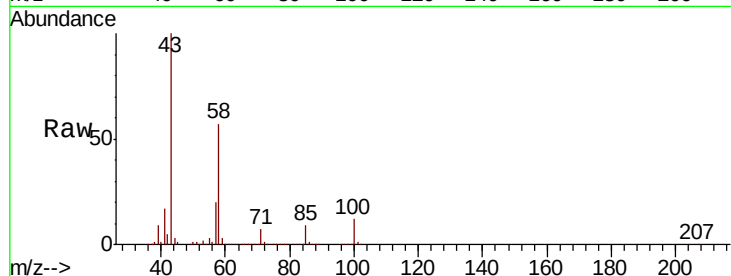




#59
2-Hexanone
Concen: 98.153 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

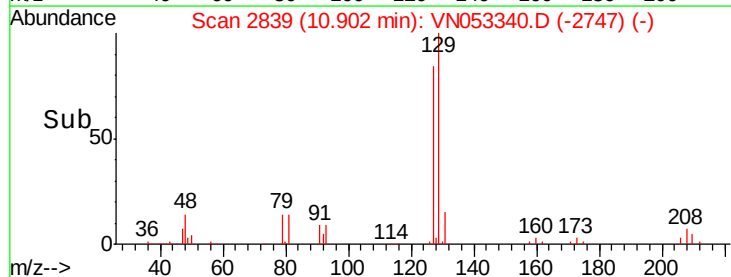
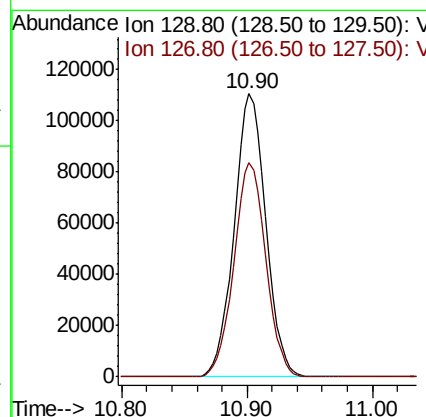
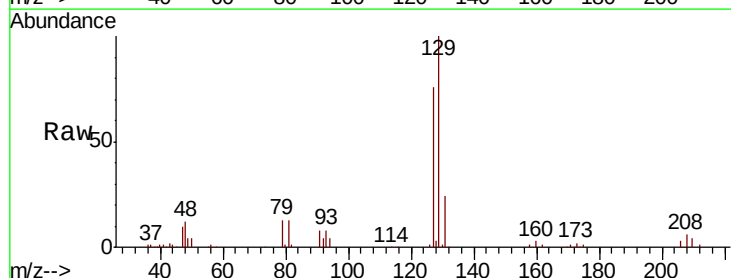
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS02

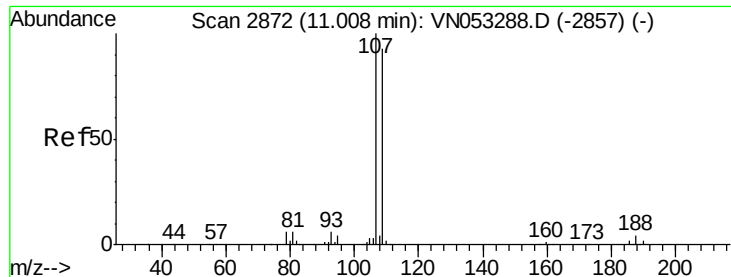
Tgt Ion: 43 Resp: 578175
Ion Ratio Lower Upper
43 100
58 56.8 28.3 85.0



#60
Dibromochloromethane
Concen: 19.514 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion: 129 Resp: 193499
Ion Ratio Lower Upper
129 100
127 76.4 38.4 115.2

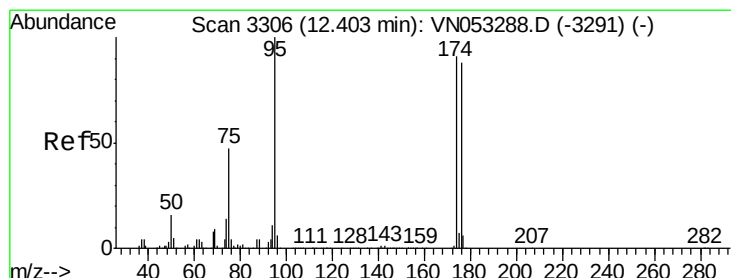
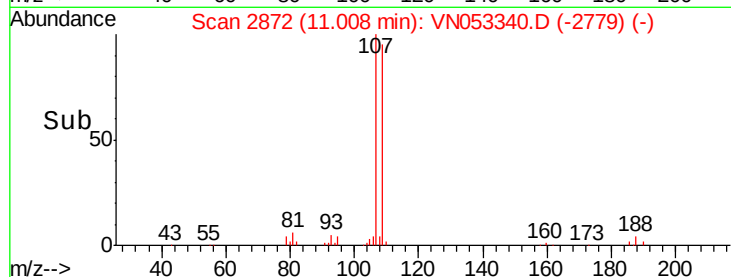
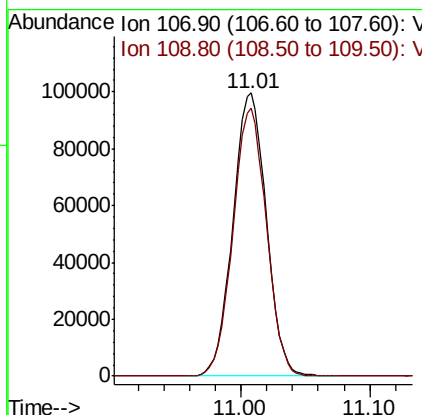
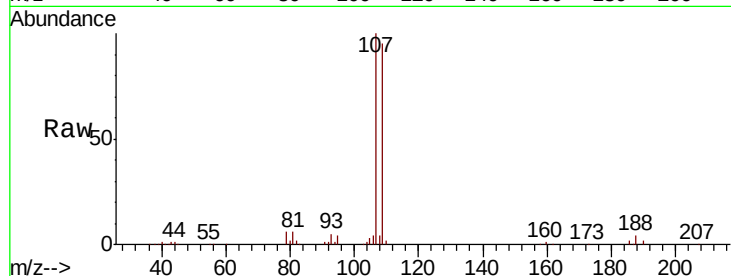




#61
 1,2-Dibromoethane
 Concen: 19.725 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

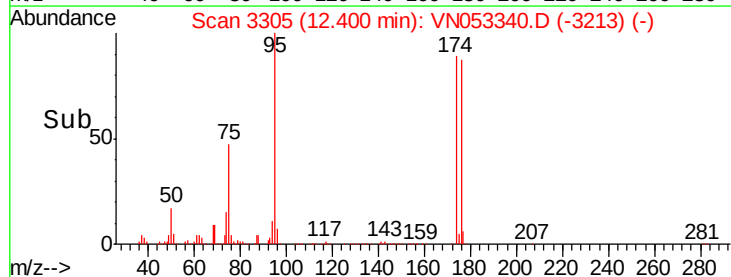
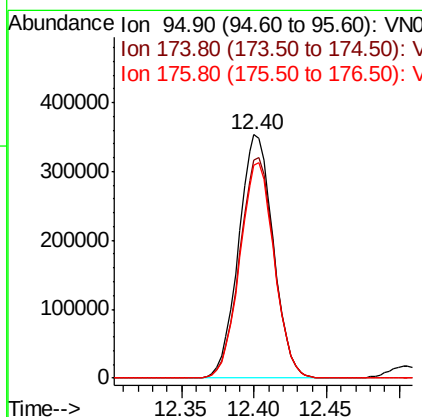
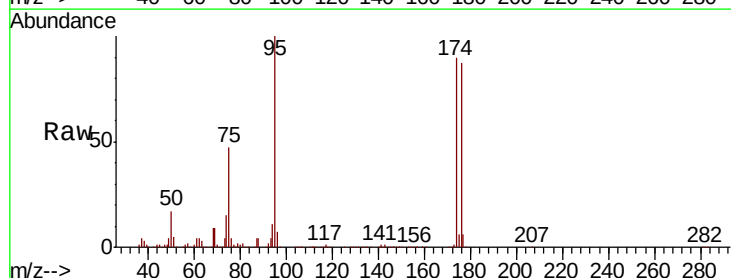
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

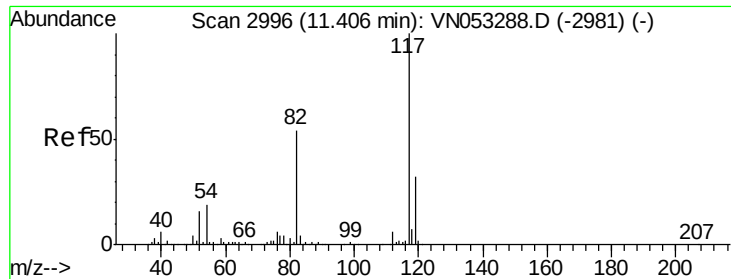
Tgt Ion: 107 Resp: 178949
 Ion Ratio Lower Upper
 107 100
 109 94.7 75.0 112.6



#62
 4-Bromofluorobenzene
 Concen: 19.725 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion: 95 Resp: 586282
 Ion Ratio Lower Upper
 95 100
 174 90.4 0.0 180.4
 176 88.0 0.0 175.6

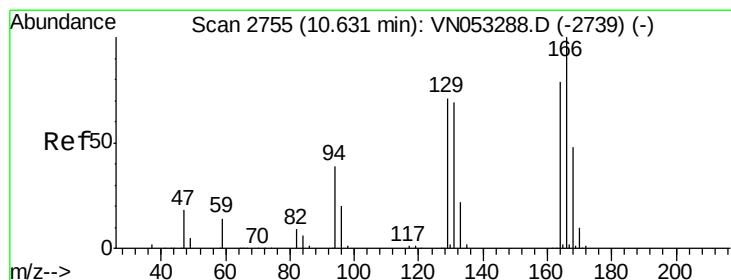
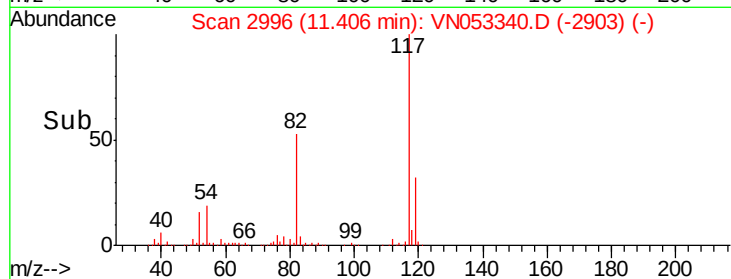
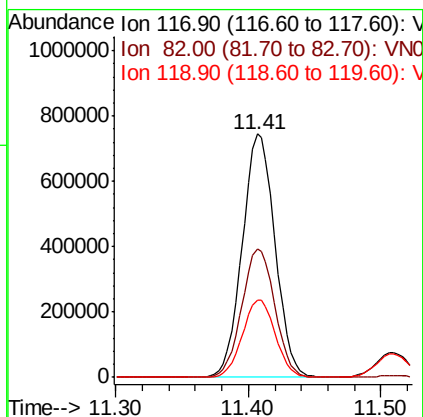
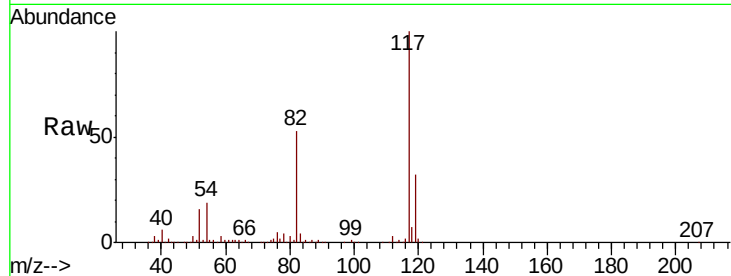




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

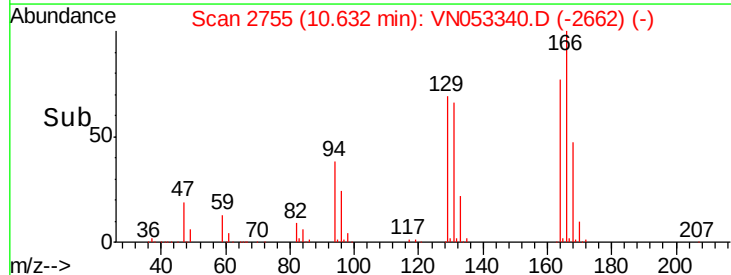
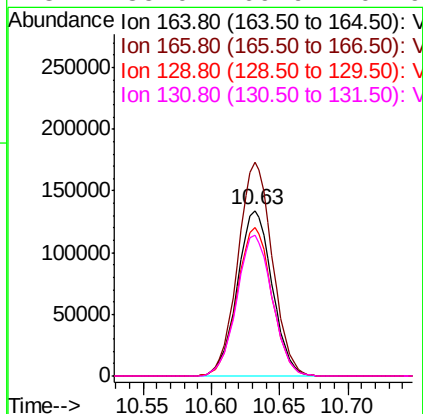
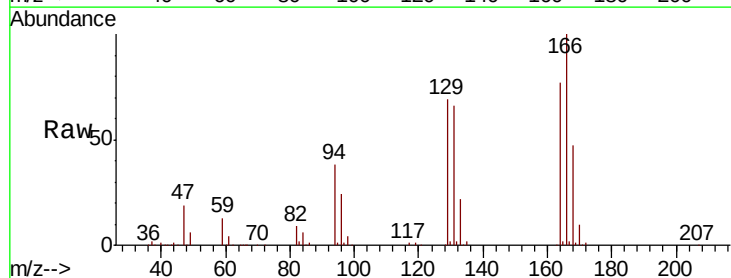
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS02

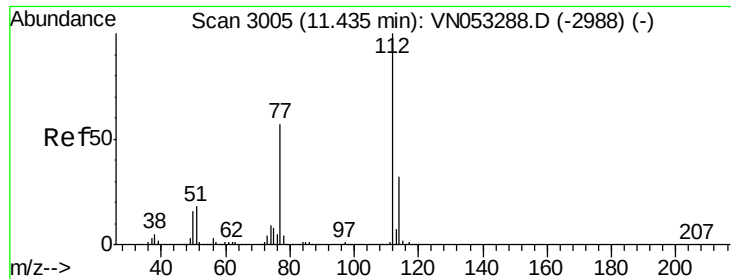
Tgt Ion:117 Resp: 1275807
Ion Ratio Lower Upper
117 100
82 52.8 42.9 64.3
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 19.789 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion:164 Resp: 237624
Ion Ratio Lower Upper
164 100
166 129.1 101.7 152.5
129 89.7 72.1 108.1
131 85.0 69.9 104.9





#65

Chlorobenzene

Concen: 19.694 ug/l

RT: 11.43 min Scan# 3004

Delta R.T. -0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

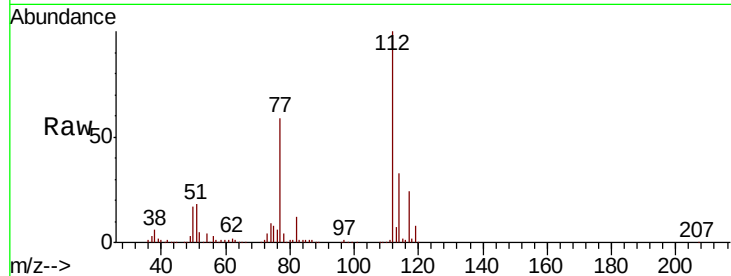
VN0110WBS02

Tgt Ion:112 Resp: 545818

Ion Ratio Lower Upper

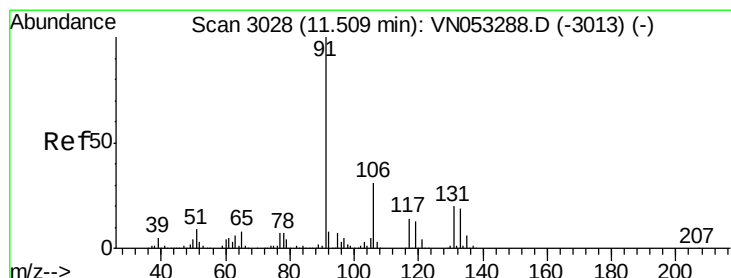
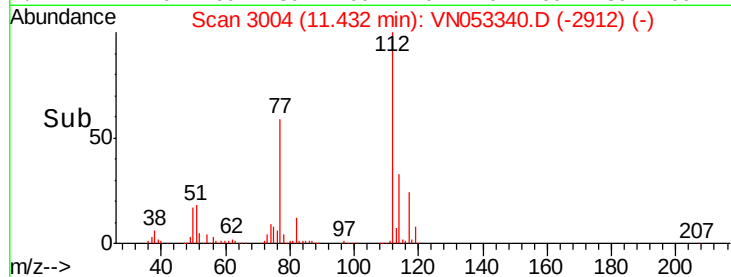
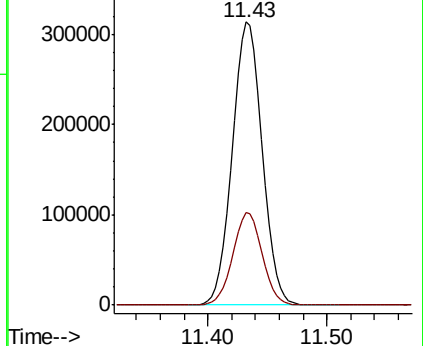
112 100

114 32.6 25.6 38.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.875 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

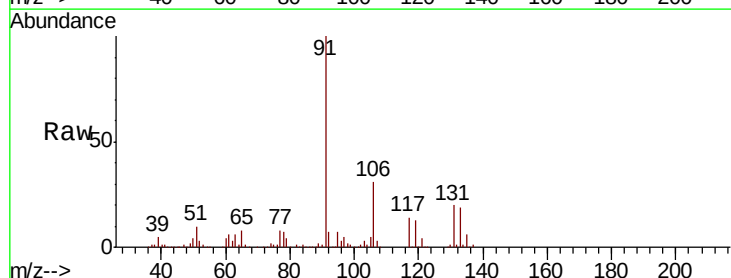
Tgt Ion:131 Resp: 192802

Ion Ratio Lower Upper

131 100

133 93.7 48.0 144.0

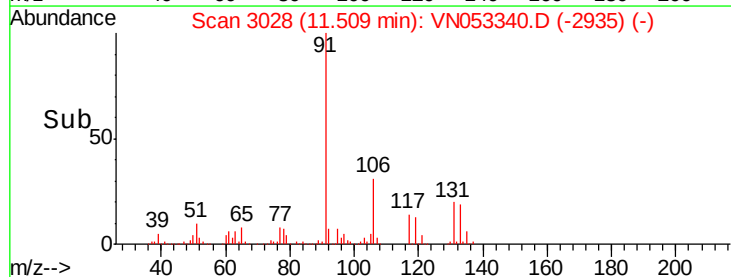
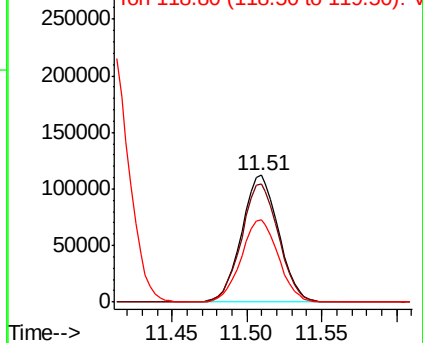
119 65.1 33.3 99.9

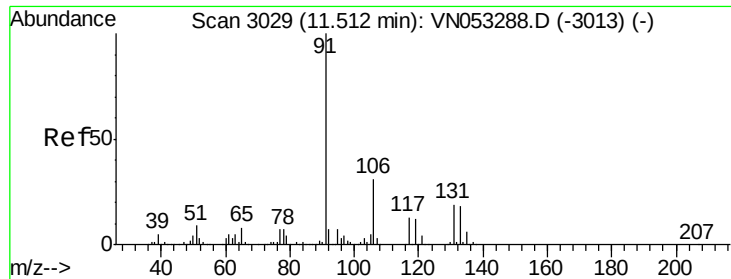


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

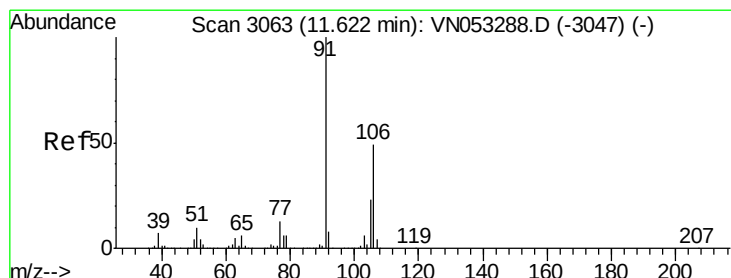
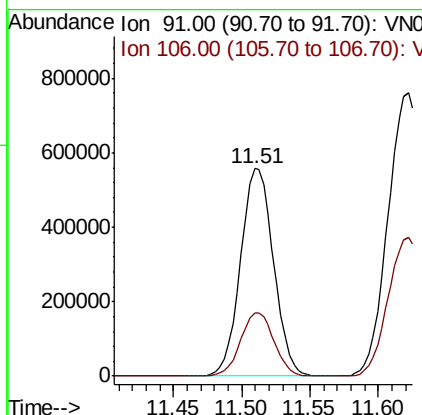
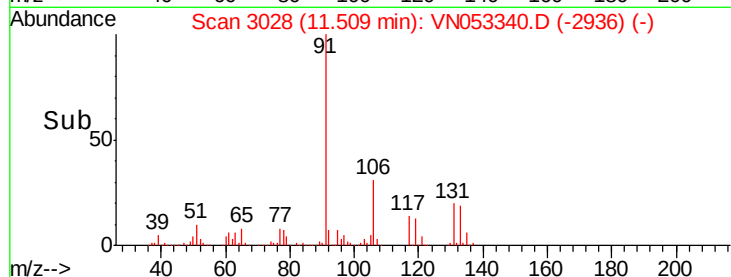
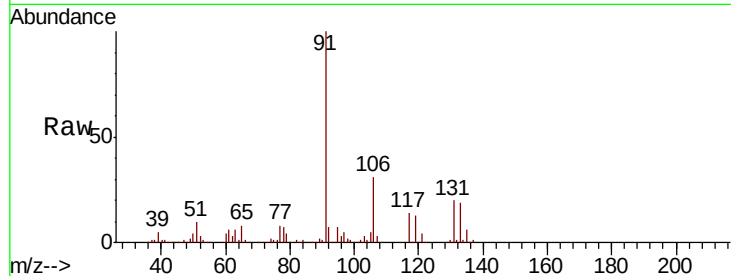




#67
Ethyl Benzene
Concen: 19.851 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

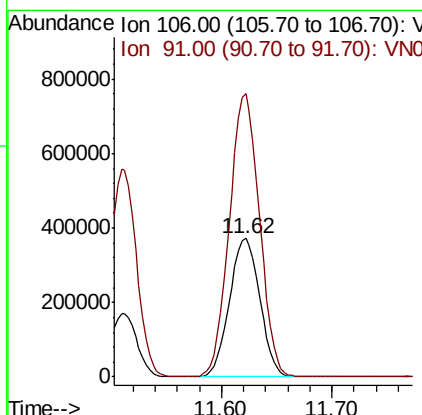
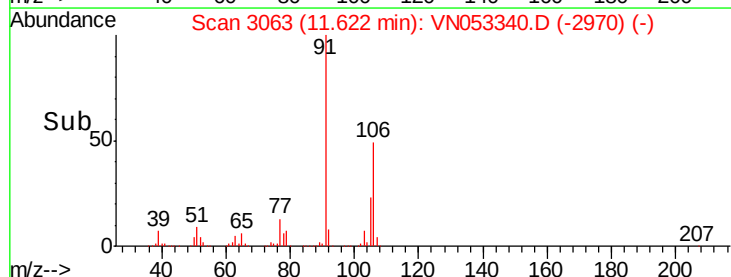
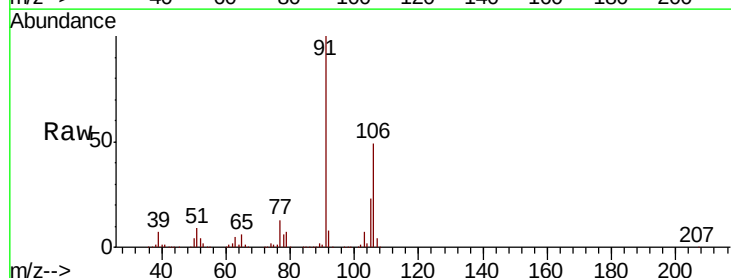
Instrument :
MSVOA_N
ClientSampled :
VN0110WBS02

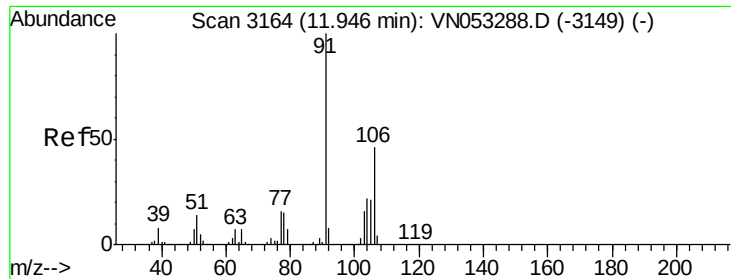
Tgt Ion: 91 Resp: 934895
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4



#68
m/p-Xylenes
Concen: 40.028 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion: 106 Resp: 708851
Ion Ratio Lower Upper
106 100
91 203.0 161.4 242.2

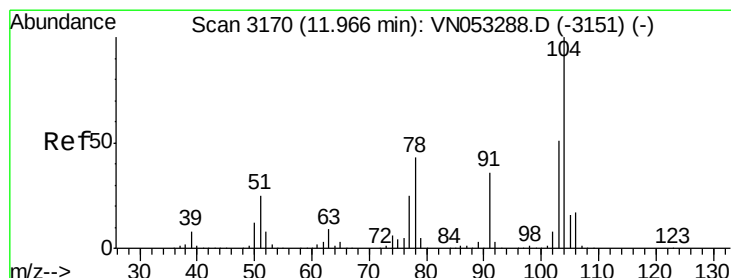
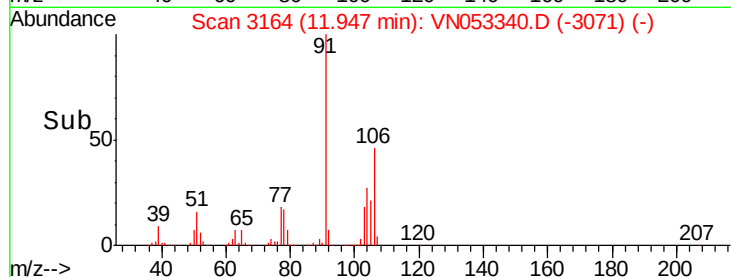
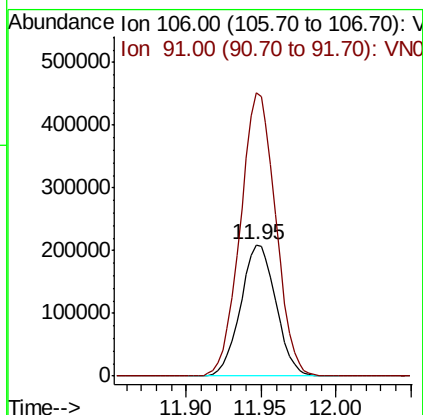
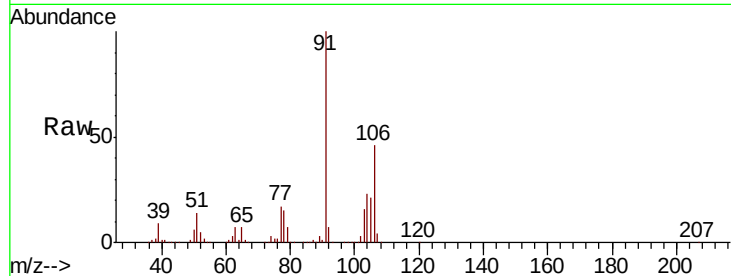




#69
o-Xylene
Concen: 19.825 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

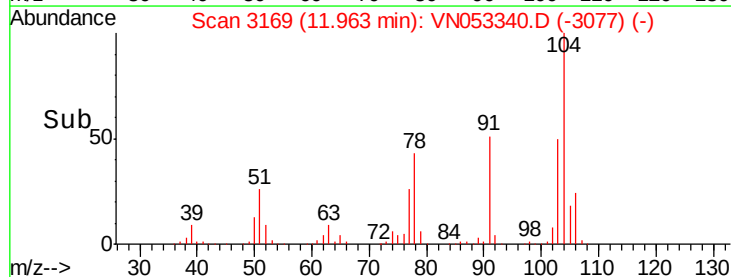
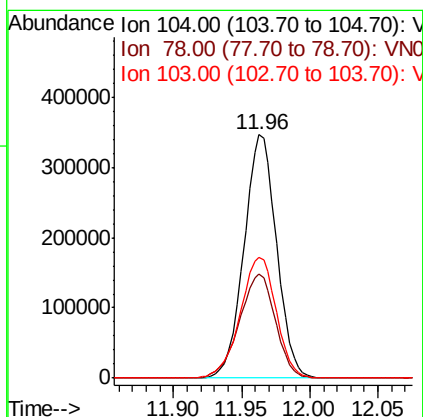
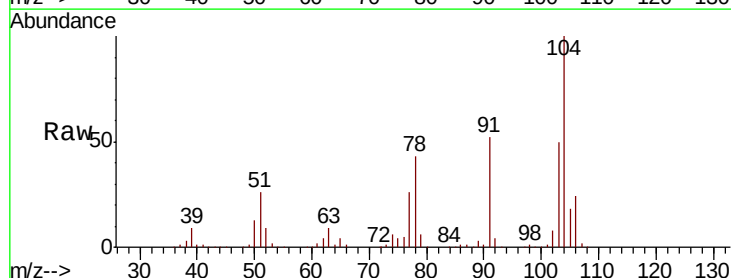
Instrument :
MSVOA_N
ClientSampleId :
VN0110WBS02

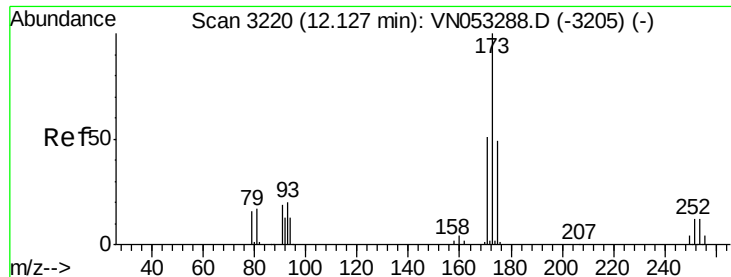
Tgt Ion:106 Resp: 343703
Ion Ratio Lower Upper
106 100
91 215.8 106.8 320.4



#70
Styrene
Concen: 20.313 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion:104 Resp: 573167
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 54.8 44.5 66.7

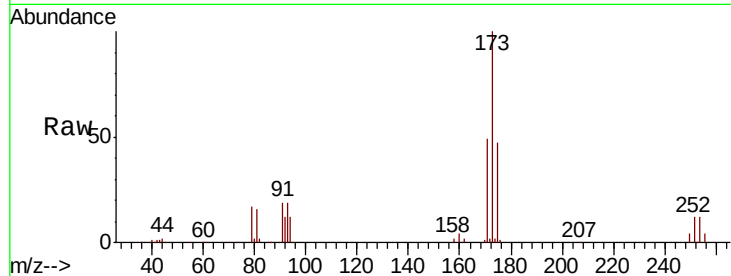




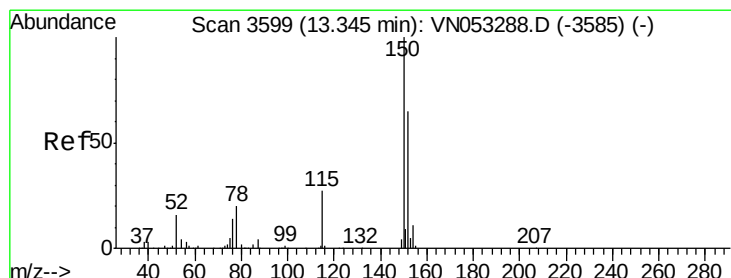
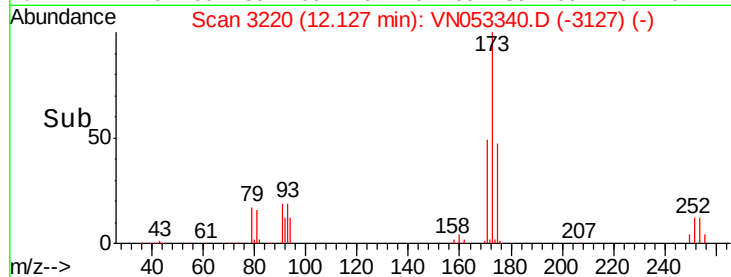
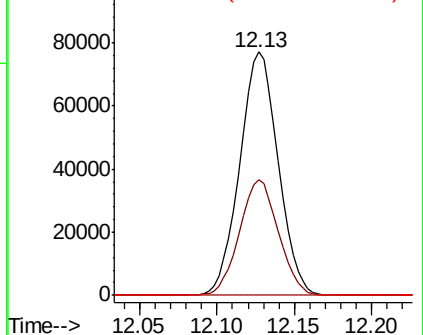
#71
Bromoform
Concen: 19.443 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. 0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Instrument :
MSVOA_N
ClientSampled :
VN0110WBS02

Tgt Ion:173 Resp: 133224
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.8
254 0.0 0.2 0.2#

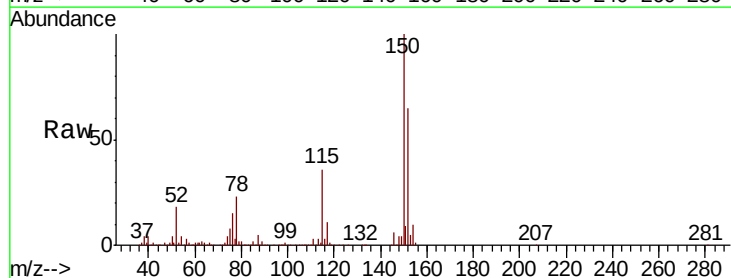


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

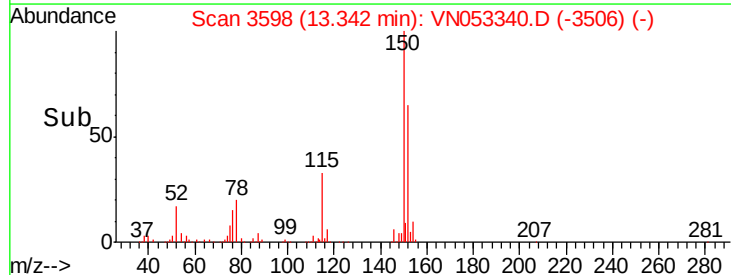
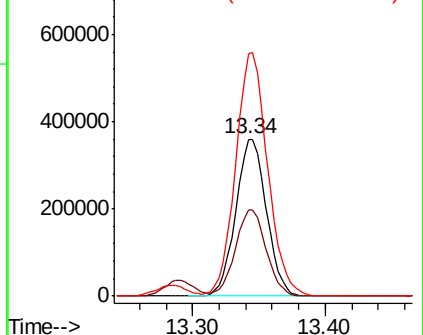


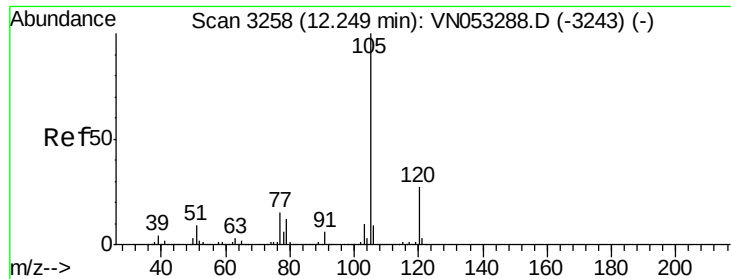
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053340.D
Acq: 10 Jan 2019 14:34

Tgt Ion:152 Resp: 577468
Ion Ratio Lower Upper
152 100
115 55.4 28.0 84.0
150 162.0 0.0 346.6



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: 21.502 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

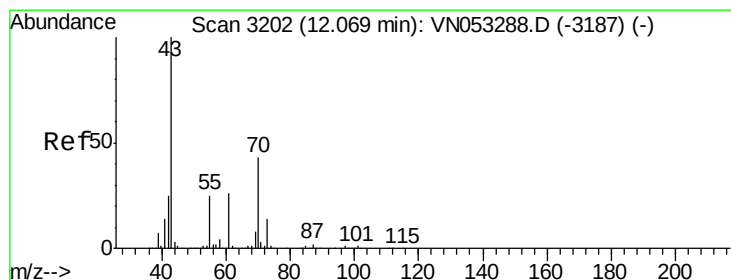
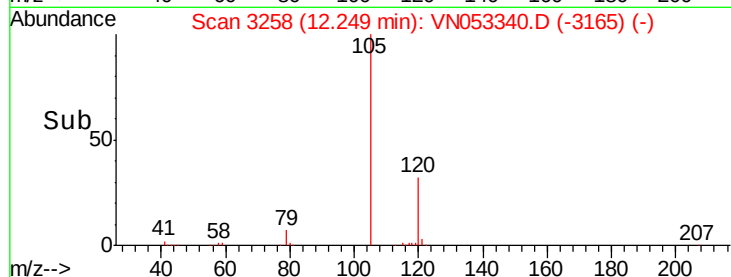
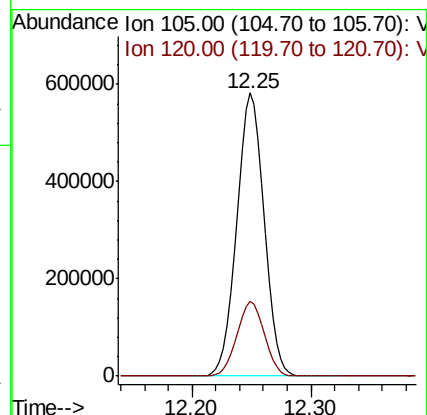
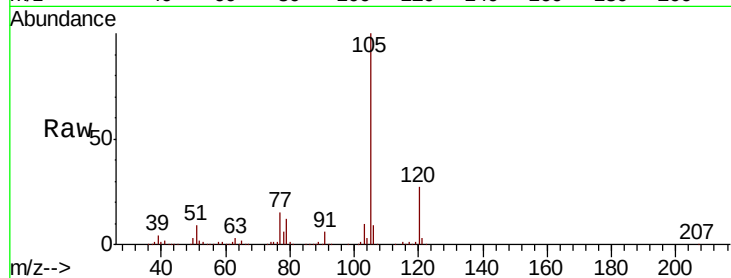
VN0110WBS02

Tgt Ion:105 Resp: 924466

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.2



#74

N-ethyl acetate

Concen: 20.614 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Tgt Ion: 43 Resp: 264646

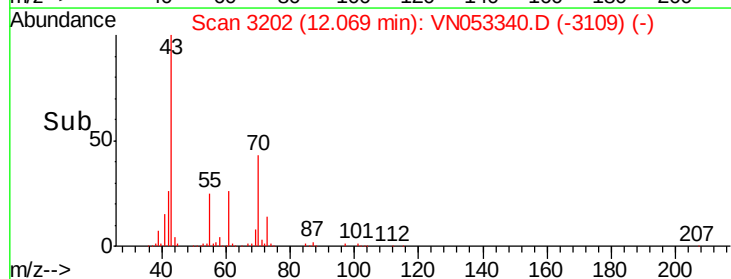
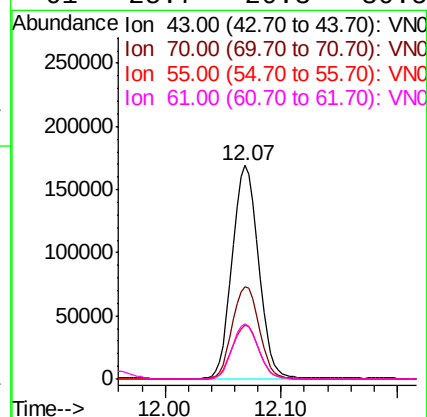
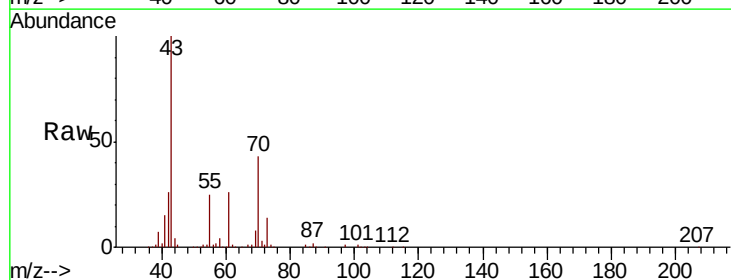
Ion Ratio Lower Upper

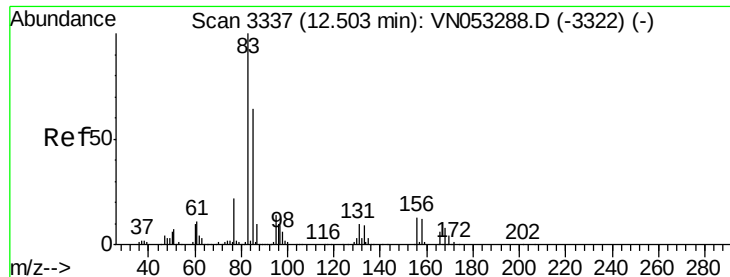
43 100

70 44.1 35.0 52.6

55 25.8 20.0 30.0

61 25.7 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.681 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS02

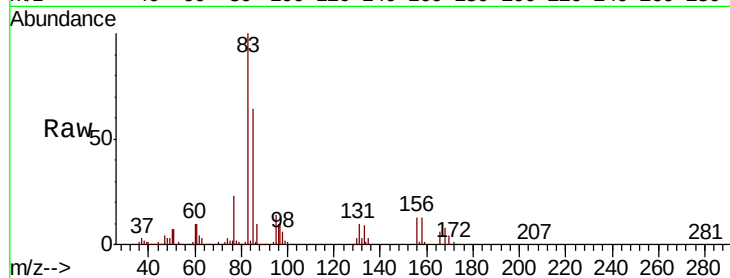
Tgt Ion: 83 Resp: 204541

Ion Ratio Lower Upper

83 100

131 10.4 5.3 15.9

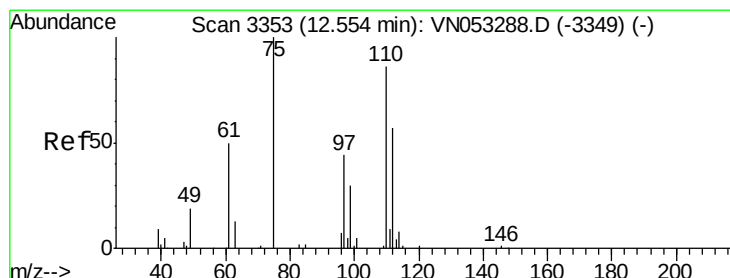
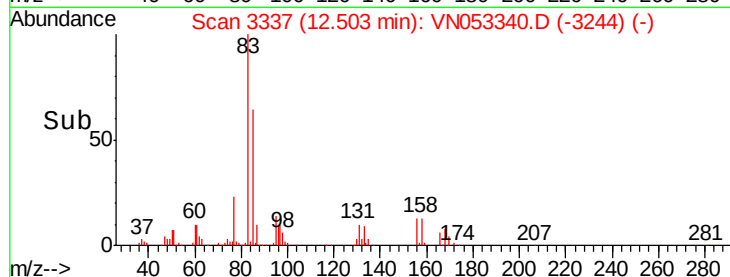
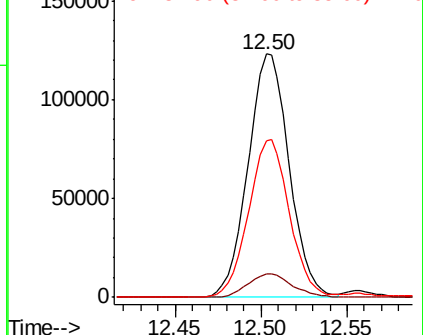
85 64.2 32.3 96.8



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: 32.227 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053340.D

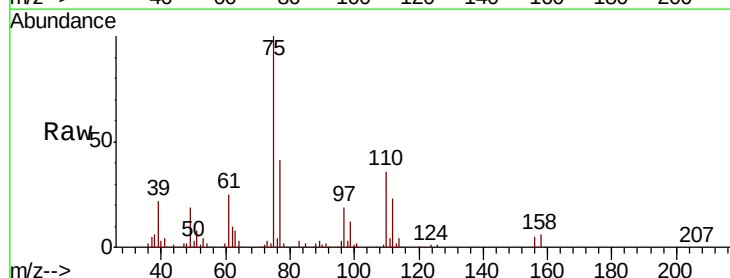
Acq: 10 Jan 2019 14:34

Tgt Ion: 75 Resp: 271438

Ion Ratio Lower Upper

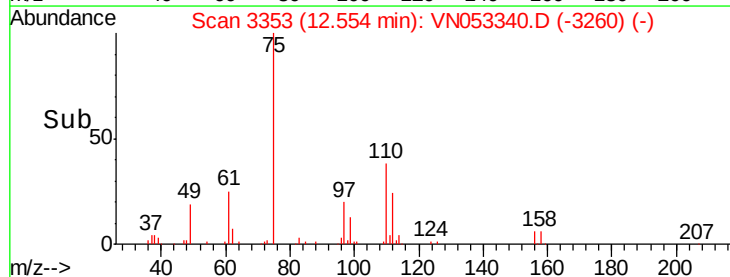
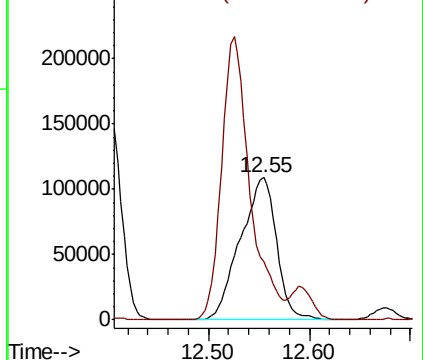
75 100

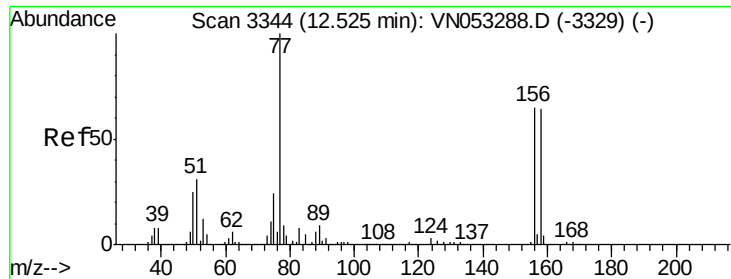
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 20.693 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS02

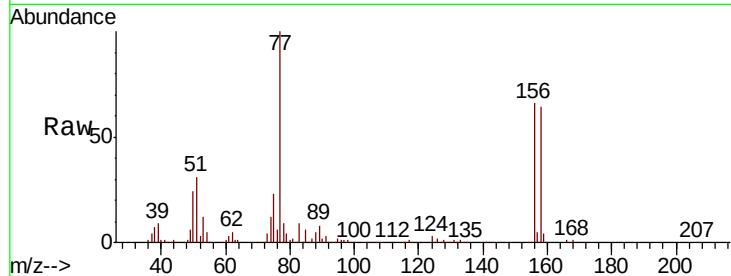
Tgt Ion:156 Resp: 237453

Ion Ratio Lower Upper

156 100

77 181.2 89.3 268.1

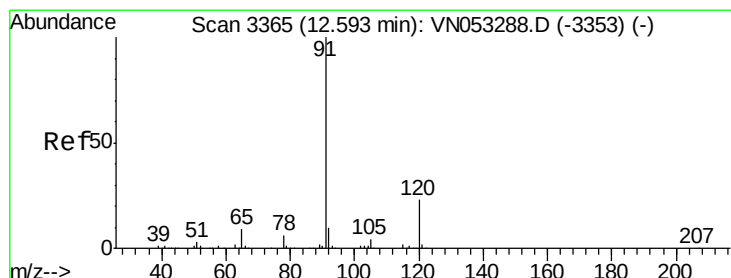
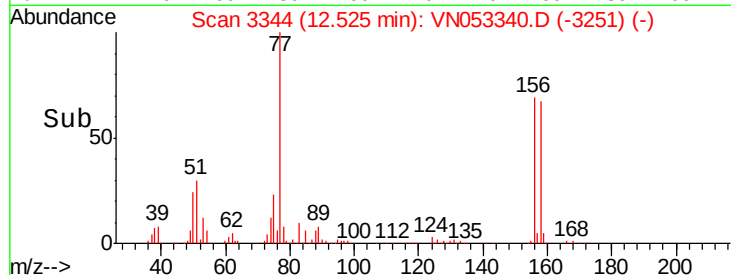
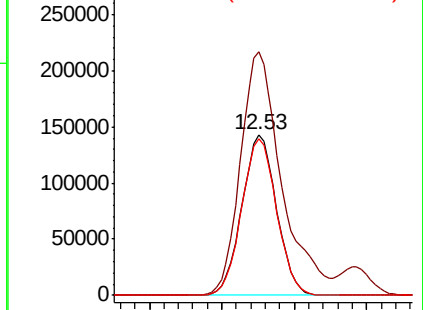
158 98.5 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.377 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN053340.D

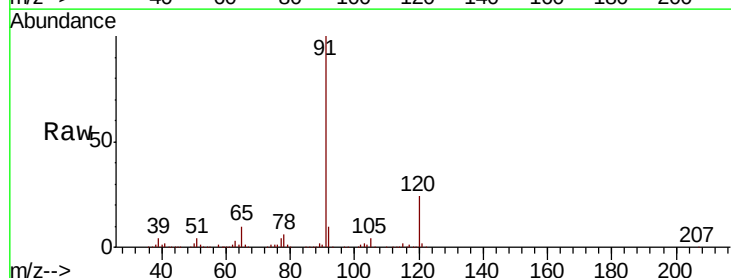
Acq: 10 Jan 2019 14:34

Tgt Ion: 91 Resp: 1039644

Ion Ratio Lower Upper

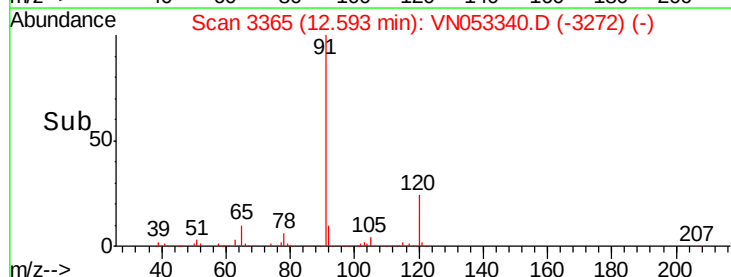
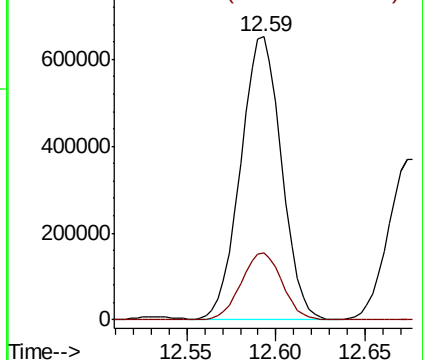
91 100

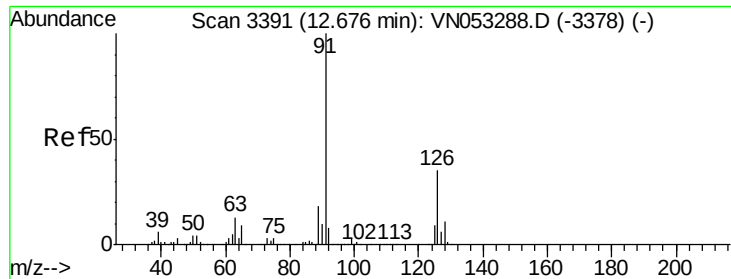
120 23.7 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.011 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

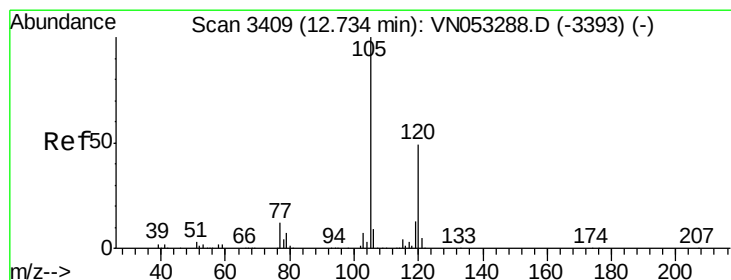
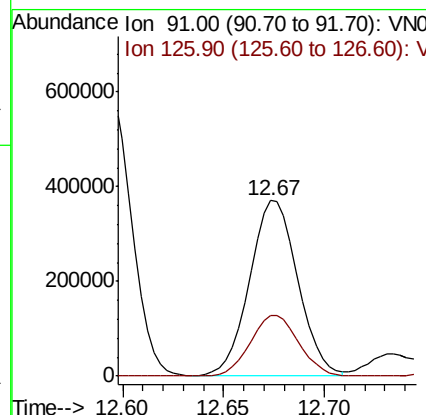
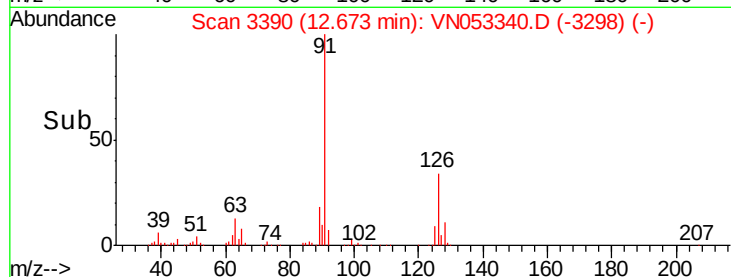
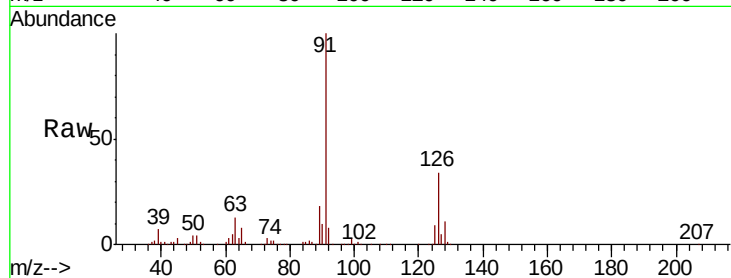
VN0110WBS02

Tgt Ion: 91 Resp: 618291

Ion Ratio Lower Upper

91 100

126 35.0 17.5 52.5



#80

1,3,5-Trimethylbenzene

Concen: 21.288 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053340.D

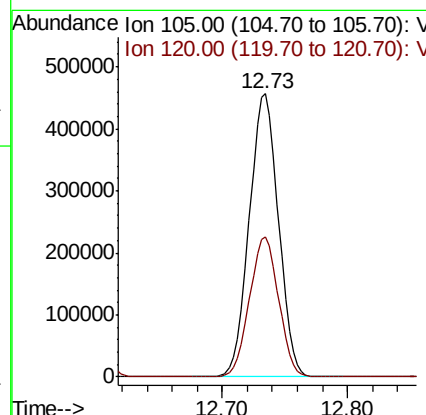
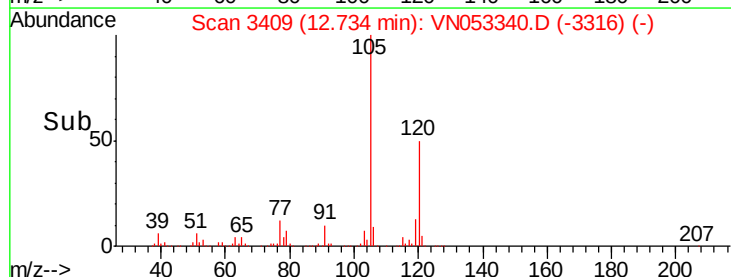
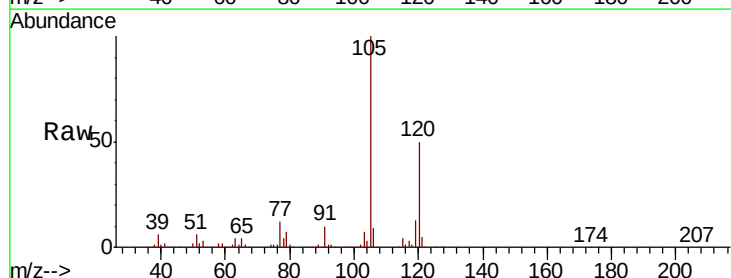
Acq: 10 Jan 2019 14:34

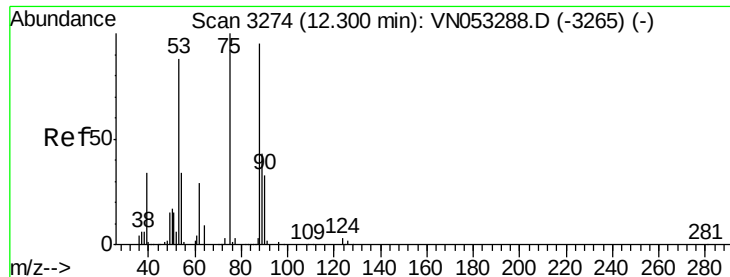
Tgt Ion: 105 Resp: 737252

Ion Ratio Lower Upper

105 100

120 49.5 24.7 74.1





#81

trans-1,4-Dichloro-2-butene

Concen: 20.870 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS02

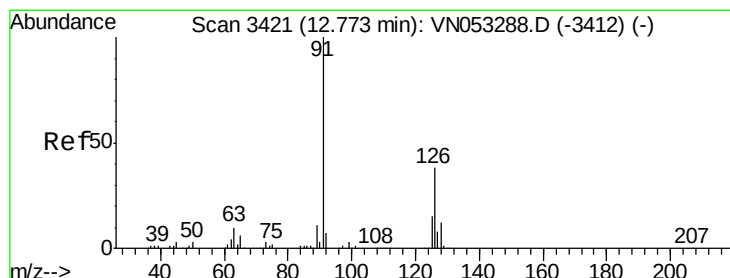
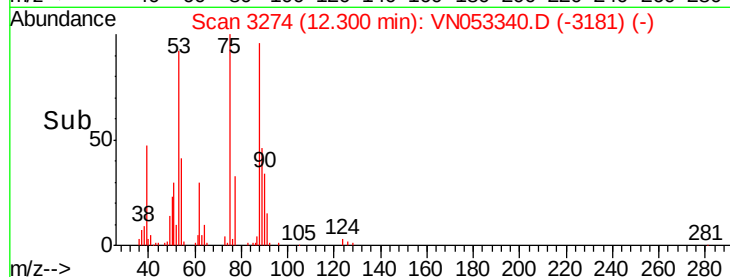
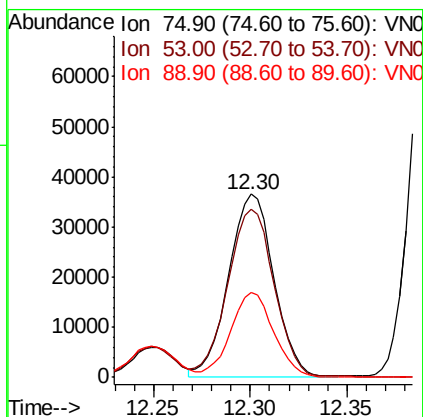
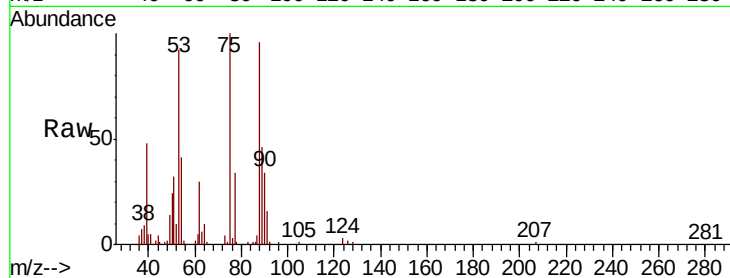
Tgt Ion: 75 Resp: 59746

Ion Ratio Lower Upper

75 100

53 94.5 70.5 105.7

89 44.0 35.4 53.0



#82

4-Chlorotoluene

Concen: 20.651 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053340.D

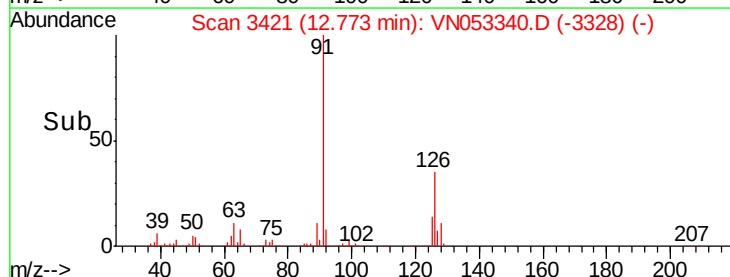
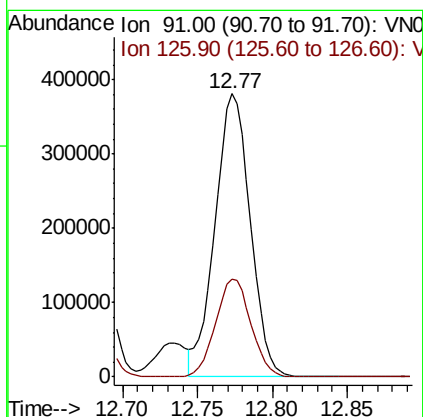
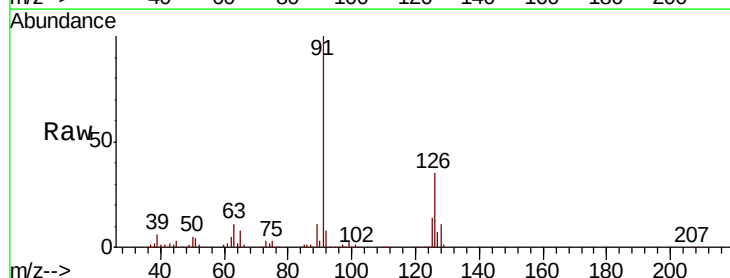
Acq: 10 Jan 2019 14:34

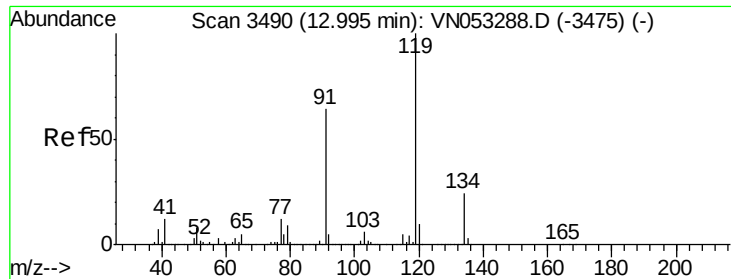
Tgt Ion: 91 Resp: 623122

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2

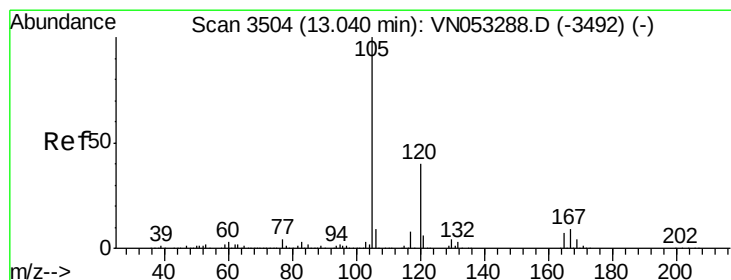
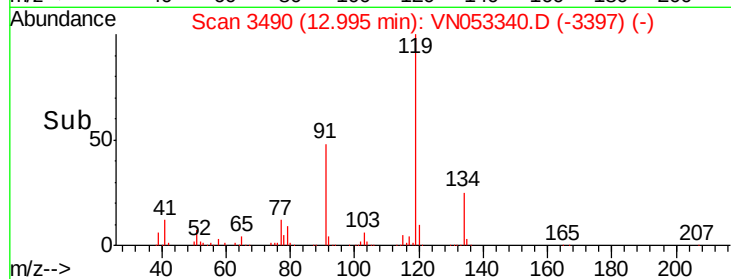
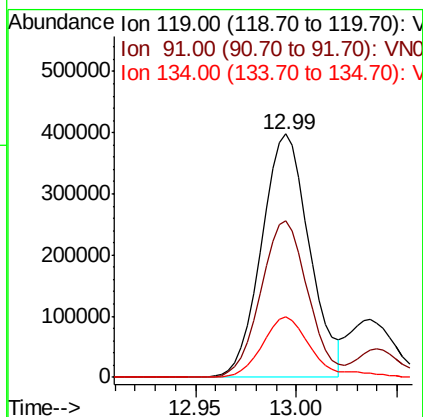
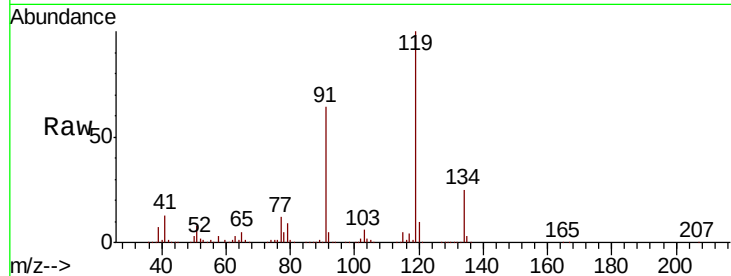




#83
 tert-Butylbenzene
 Concen: 21.630 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

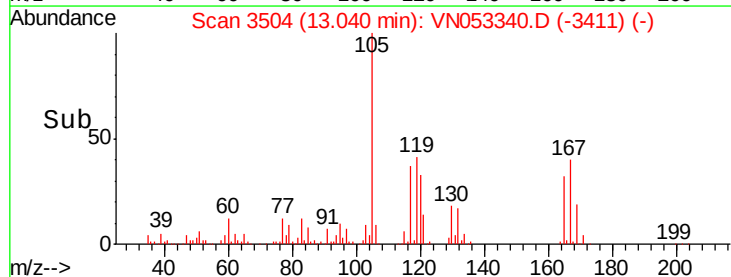
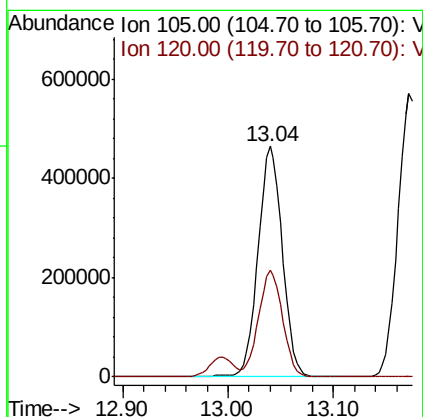
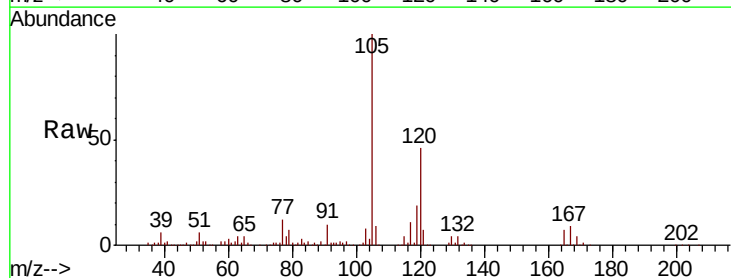
Instrument :
 MSVOA_N
 ClientSampled :
 VN0110WBS02

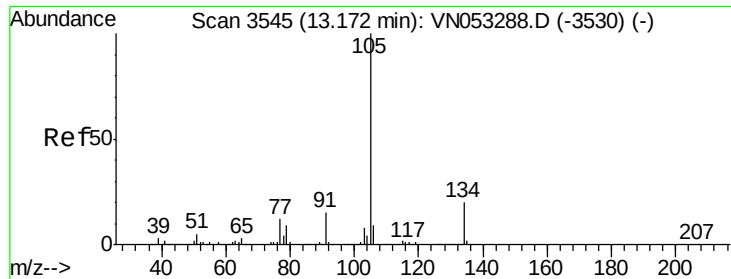
Tgt Ion:119 Resp: 657222
 Ion Ratio Lower Upper
 119 100
 91 63.3 31.6 95.0
 134 25.6 12.9 38.6



#84
 1,2,4-Trimethylbenzene
 Concen: 21.157 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion:105 Resp: 746443
 Ion Ratio Lower Upper
 105 100
 120 46.0 23.0 69.0





#85

sec-Butylbenzene

Concen: 22.300 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

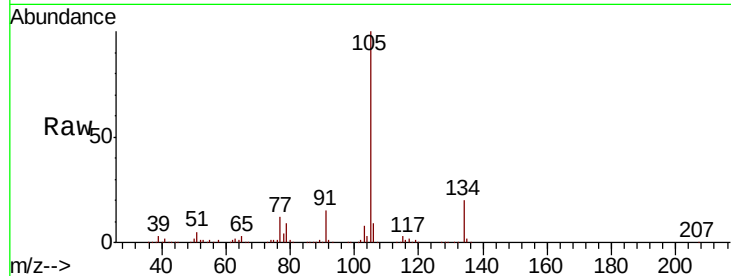
VN0110WBS02

Tgt Ion:105 Resp: 893609

Ion Ratio Lower Upper

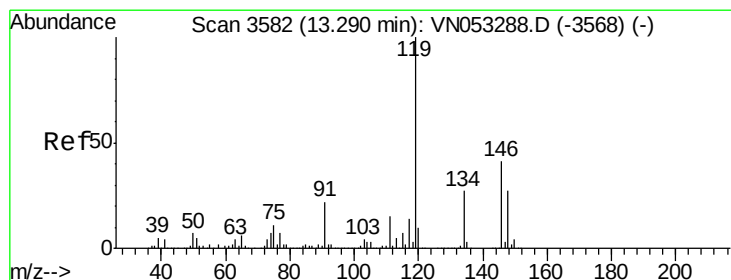
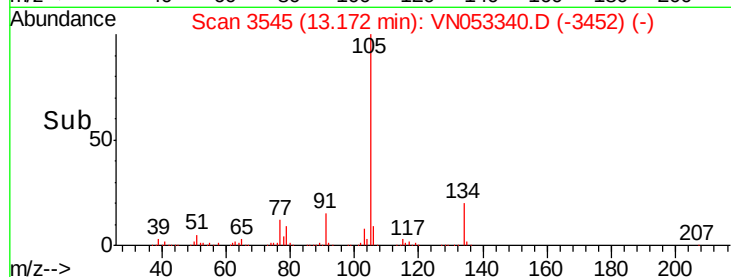
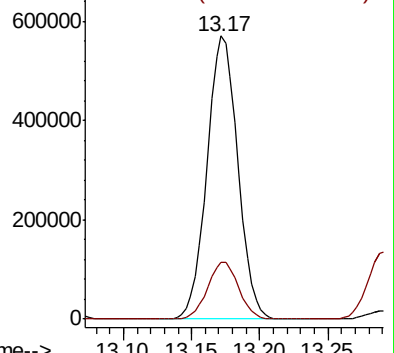
105 100

134 20.4 10.2 30.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 22.002 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

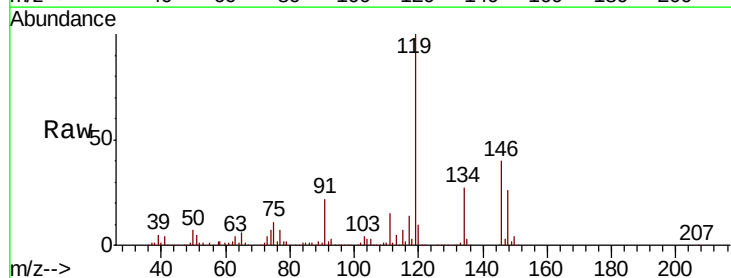
Tgt Ion:119 Resp: 763356

Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

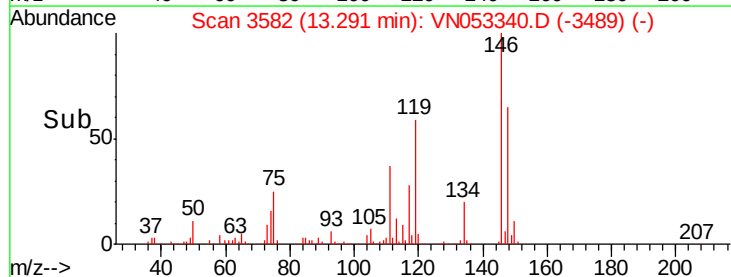
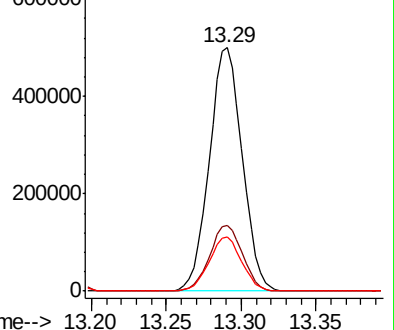
91 22.1 11.1 33.1

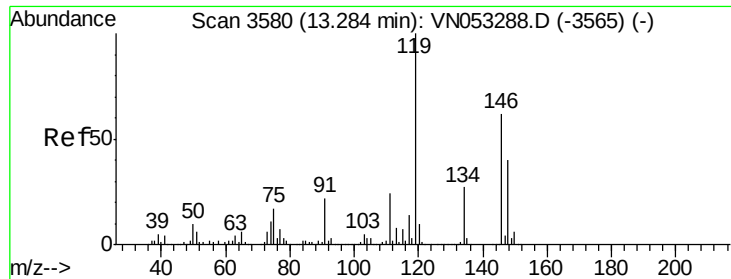


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

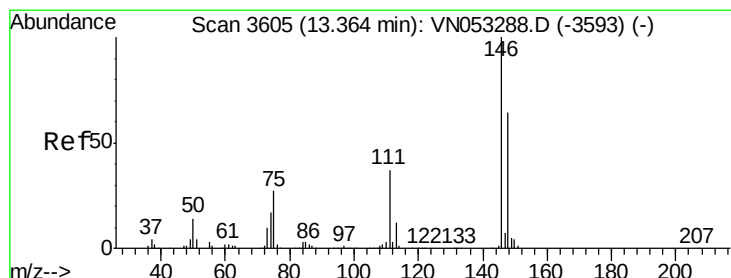
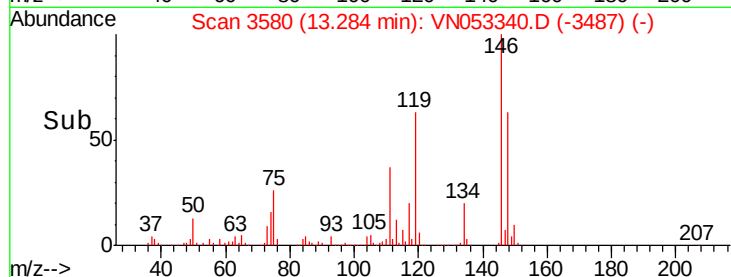
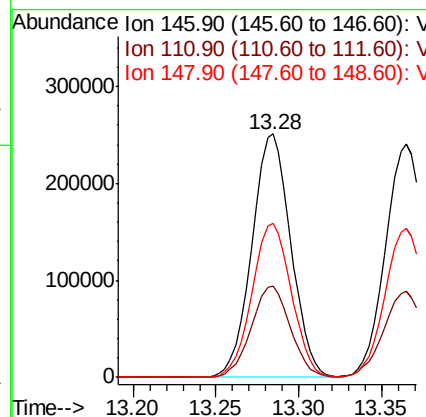
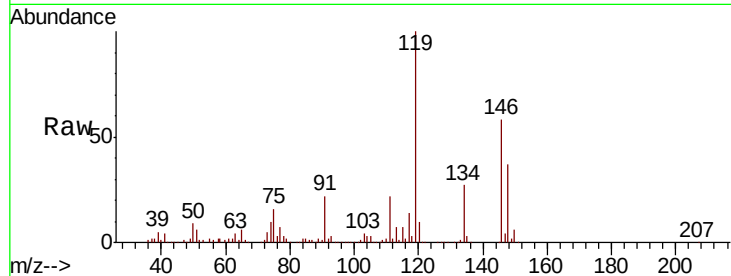




#87
 1,3-Dichlorobenzene
 Concen: 20.275 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

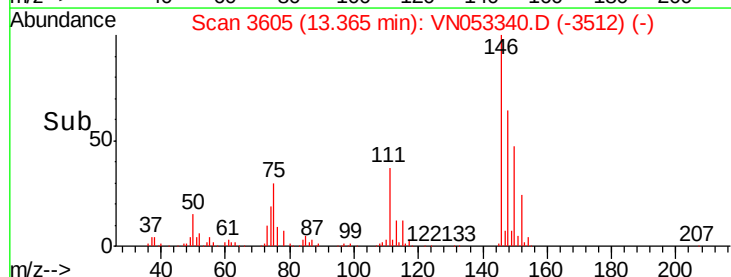
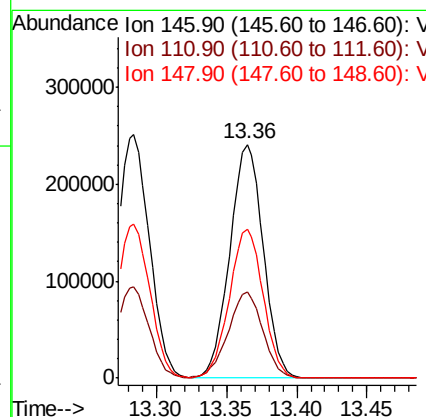
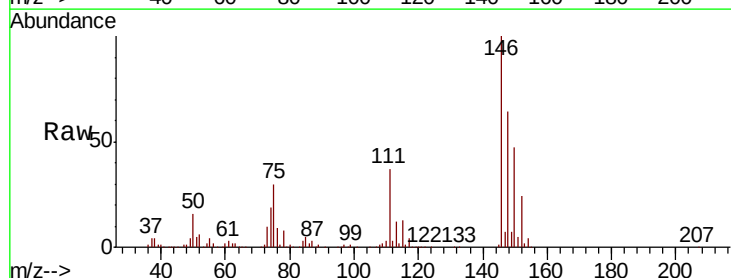
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

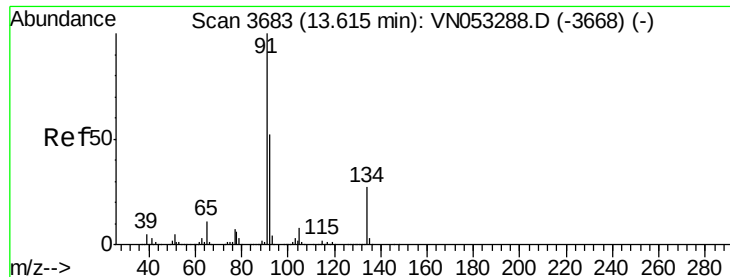
Tgt Ion:146 Resp: 409703
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.9 56.5
 148 64.0 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 19.943 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion:146 Resp: 399770
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 55.8
 148 64.2 32.0 96.0





#89

n-Butylbenzene

Concen: 21.601 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampled :

VN0110WBS02

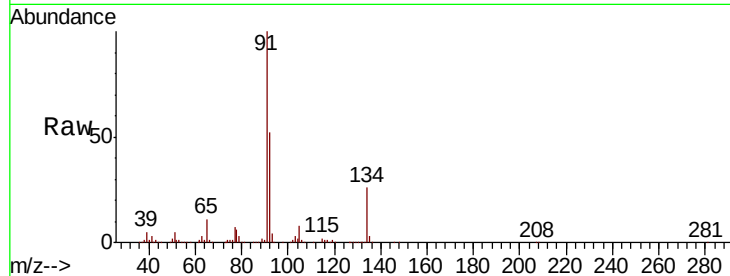
Tgt Ion: 91 Resp: 628332

Ion Ratio Lower Upper

91 100

92 52.1 26.3 78.8

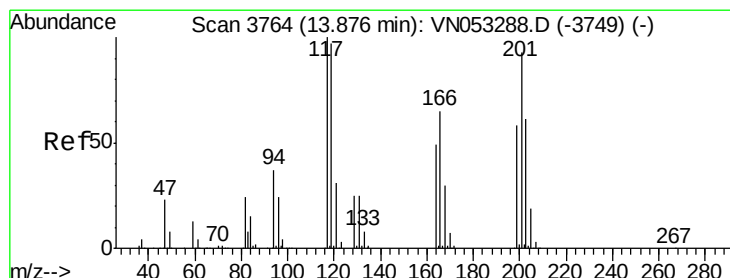
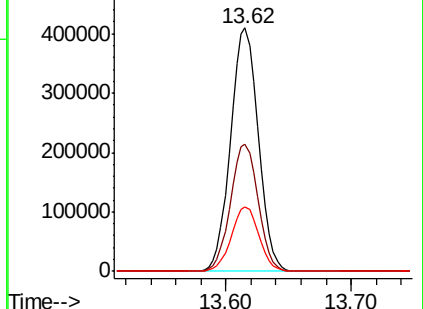
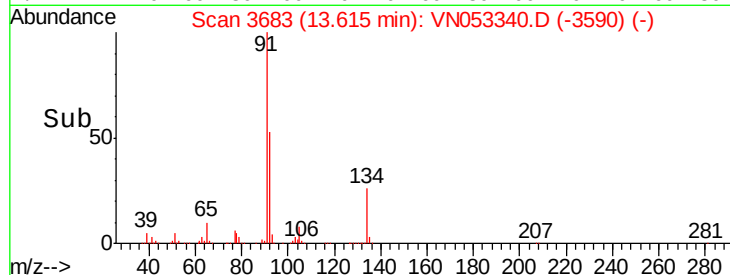
134 26.5 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VN053288.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053288.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053288.D (-3668) (-)



#90

Hexachloroethane

Concen: 19.857 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053340.D

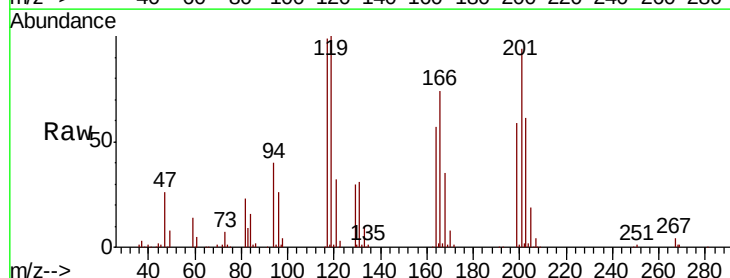
Acq: 10 Jan 2019 14:34

Tgt Ion: 117 Resp: 110422

Ion Ratio Lower Upper

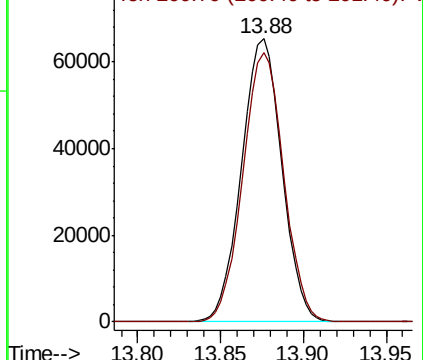
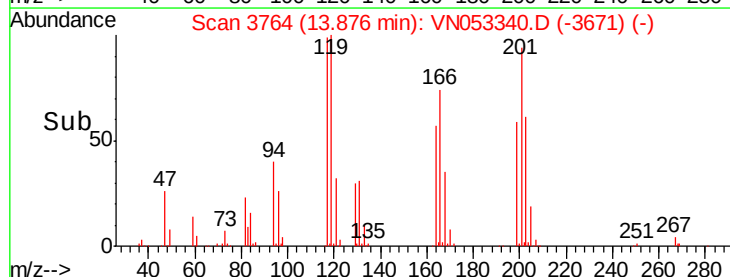
117 100

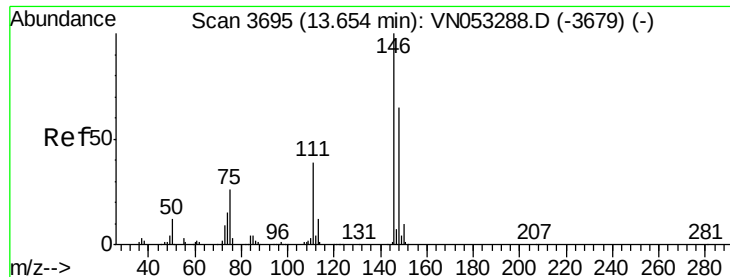
201 96.2 46.1 138.3



Abundance Ion 116.80 (116.50 to 117.50): VN053288.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053288.D (-3749) (-)

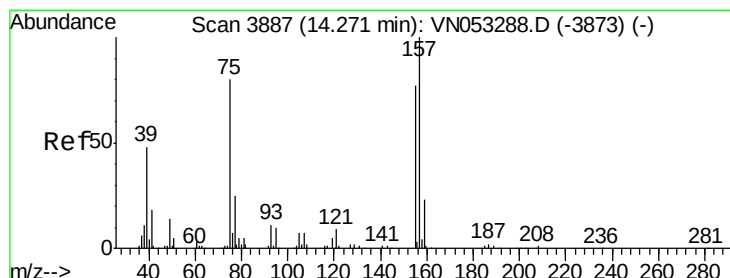
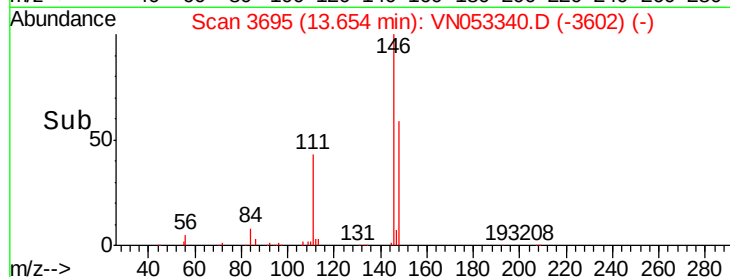
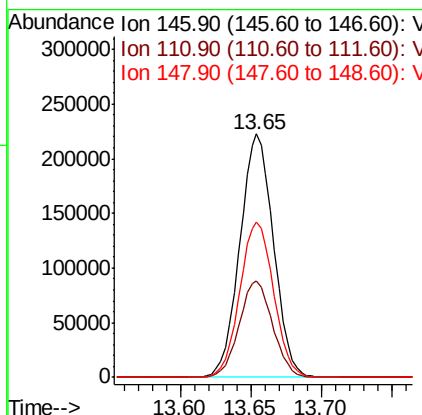
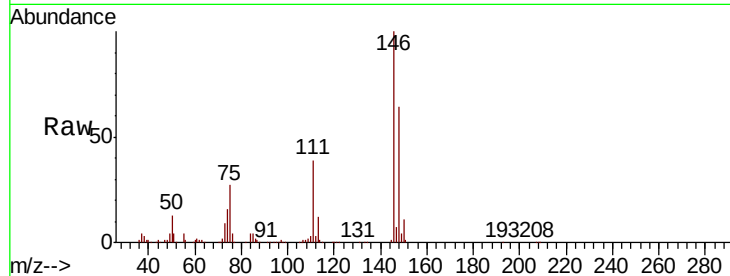




#91
 1,2-Dichlorobenzene
 Concen: 19.634 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

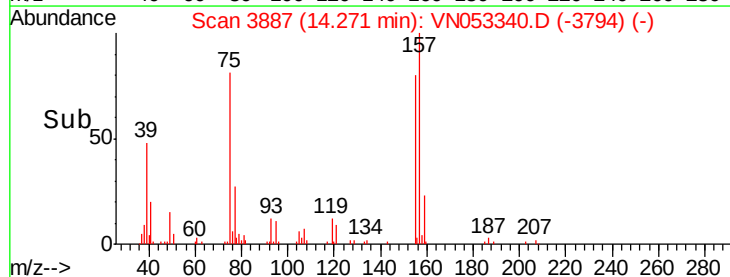
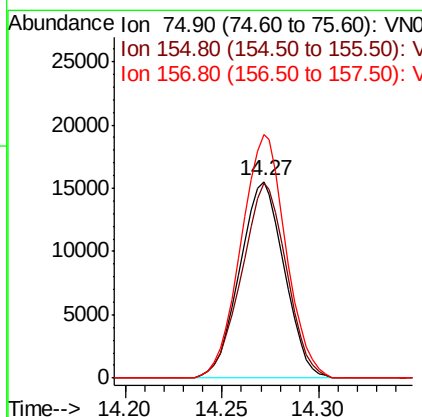
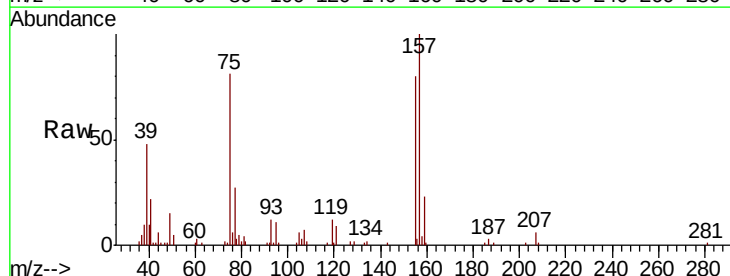
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

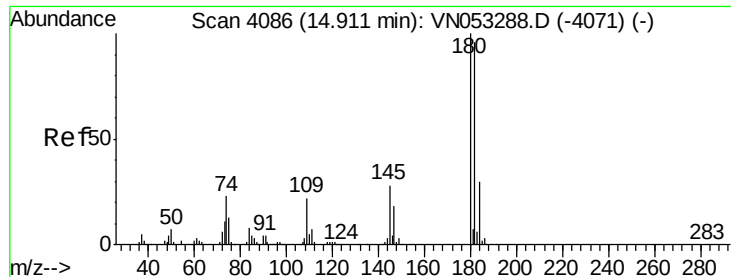
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.2
148	64.2	32.2	96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.756 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.7	48.1	144.3
157	125.0	61.5	184.4

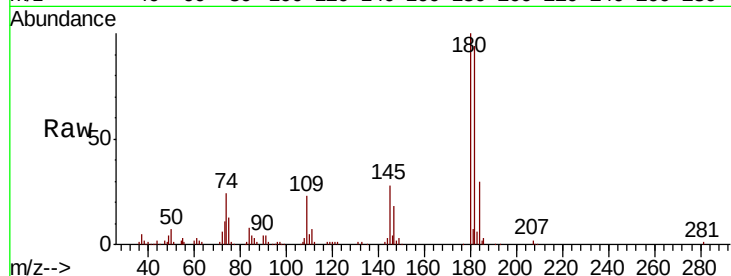




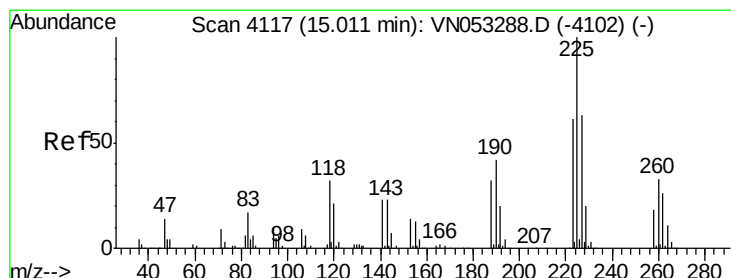
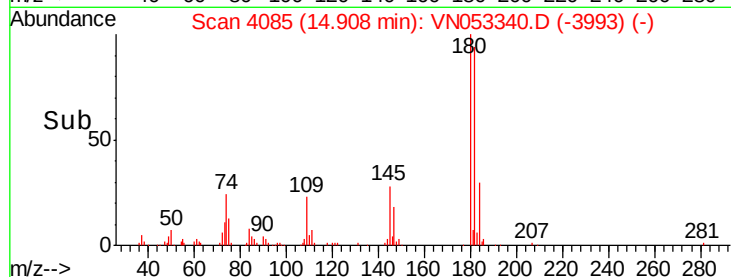
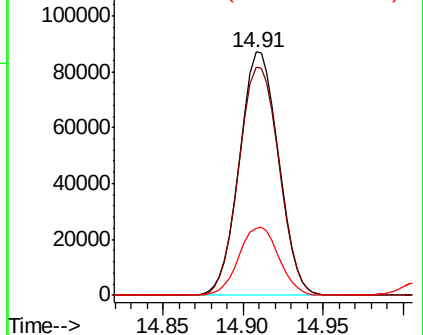
#93
 1,2,4-Trichlorobenzene
 Concen: 24.426 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS02

Tgt Ion:180 Resp: 145371
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.8 143.4
 145 28.7 14.4 43.0

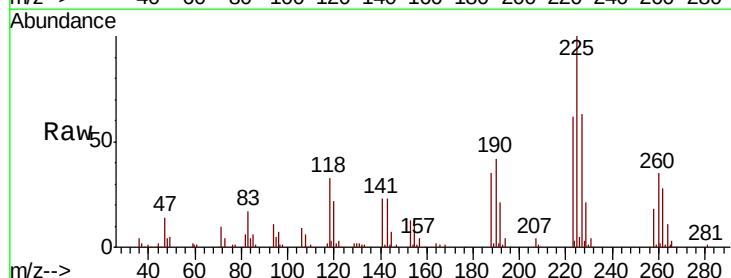


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

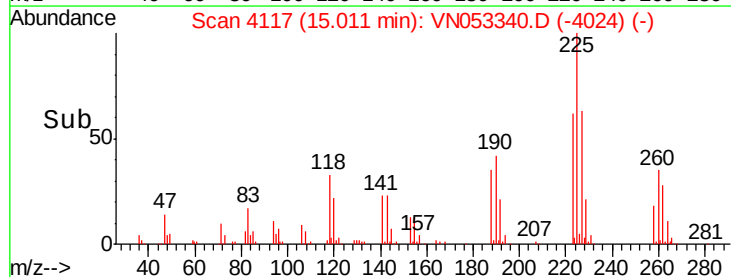
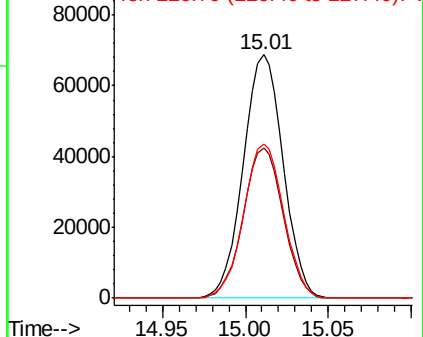


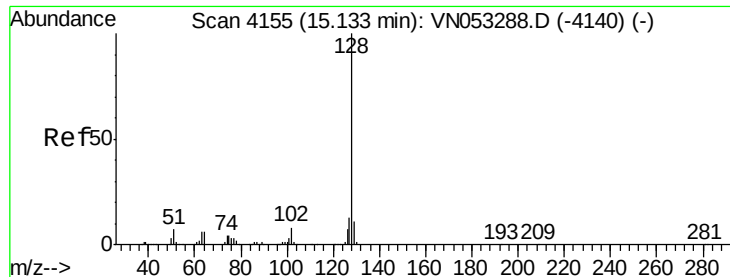
#94
 Hexachlorobutadiene
 Concen: 23.655 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053340.D
 Acq: 10 Jan 2019 14:34

Tgt Ion:225 Resp: 115153
 Ion Ratio Lower Upper
 225 100
 223 61.8 30.9 92.8
 227 63.3 31.4 94.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 25.560 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

Instrument :

MSVOA_N

ClientSampleId :

VN0110WBS02

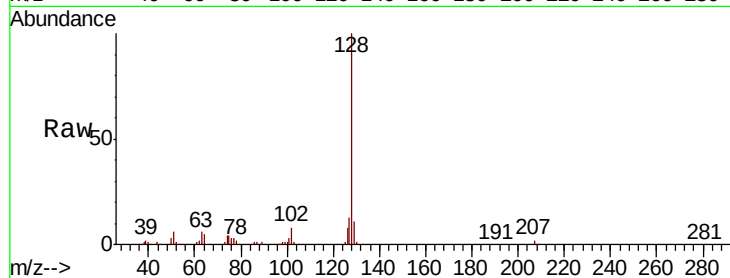
Tgt Ion:128 Resp: 259507

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.6 8.7 13.1

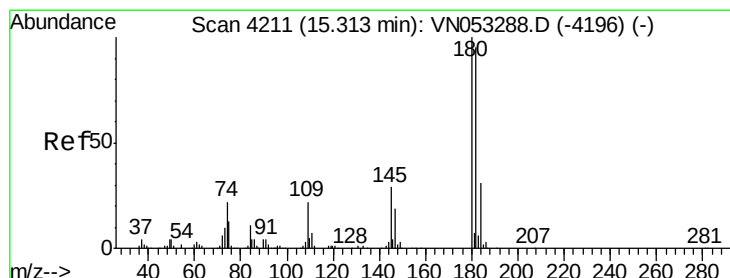
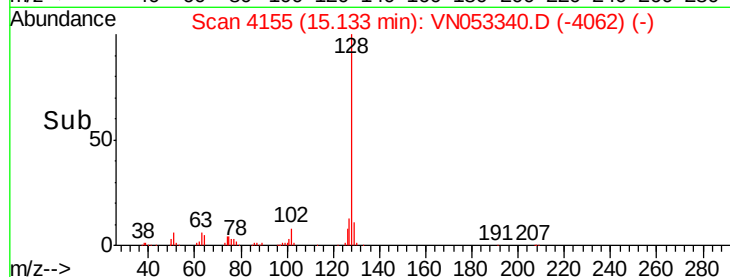
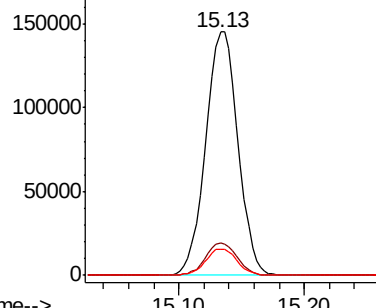


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 27.027 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN053340.D

Acq: 10 Jan 2019 14:34

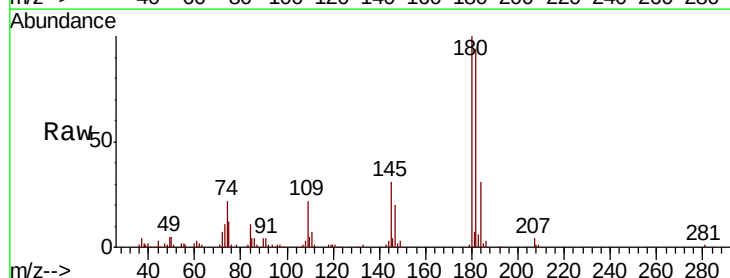
Tgt Ion:180 Resp: 105313

Ion Ratio Lower Upper

180 100

182 95.8 48.4 145.0

145 30.1 14.9 44.5



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

