

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112219\NOT REVIEWED DATA\
 Data File : VN059355.D
 Acq On : 22 Nov 2019 11:45
 Operator : JC/SP
 Sample : VN1122WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

Quant Time: Nov 22 13:36:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	383756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	609066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	536132	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240918	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	240411	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
35) Dibromofluoromethane	7.57	113	193353	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	10.08	98	780640	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
62) 4-Bromofluorobenzene	12.40	95	271876	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	87429	17.796	ug/l	98
3) Chloromethane	2.04	50	105866	17.590	ug/l	98
4) Vinyl Chloride	2.17	62	112956	18.229	ug/l	99
5) Bromomethane	2.54	94	61237	17.800	ug/l	100
6) Chloroethane	2.68	64	57899	17.120	ug/l	99
7) Trichlorofluoromethane	3.00	101	114533	17.164	ug/l	97
8) Diethyl Ether	3.39	74	50020	18.336	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.73	101	74446	18.245	ug/l	99
10) Methyl Iodide	3.93	142	93761	18.489	ug/l	98
11) Tert butyl alcohol	4.75	59	80849	87.701	ug/l	98
12) 1,1-Dichloroethene	3.72	96	73222	17.679	ug/l	95
13) Acrolein	3.58	56	74287	88.276	ug/l	99
14) Allyl chloride	4.30	41	135858	17.559	ug/l	99
15) Acrylonitrile	4.95	53	219930	90.230	ug/l	98
16) Acetone	3.79	43	242729	117.570	ug/l	98
17) Carbon Disulfide	4.03	76	225655	17.476	ug/l	100
18) Methyl Acetate	4.29	43	125064	18.253	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	241201	18.030	ug/l	98
20) Methylene Chloride	4.53	84	84571	18.163	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	77184	17.584	ug/l	99
22) Diisopropyl ether	5.92	45	263221	18.068	ug/l	100
23) Vinyl Acetate	5.87	43	1016097	88.696	ug/l	100
24) 1,1-Dichloroethane	5.82	63	148572	18.119	ug/l	99
25) 2-Butanone	6.81	43	313160	97.547	ug/l	98
26) 2,2-Dichloropropane	6.80	77	125862	17.726	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	88392	17.848	ug/l	98
28) Bromochloromethane	7.17	49	63431	20.449	ug/l	96
29) Tetrahydrofuran	7.19	42	196733	88.625	ug/l	100
30) Chloroform	7.35	83	140732	17.597	ug/l	95
31) Cyclohexane	7.63	56	145018	17.887	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	121270	17.738	ug/l	99
36) 1,1-Dichloropropene	7.77	75	109508	17.416	ug/l	99
37) Ethyl Acetate	6.90	43	118898	17.595	ug/l	99
38) Carbon Tetrachloride	7.75	117	107831	17.914	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	136188	17.962	ug/l	99
40) Benzene	8.02	78	331842	17.982	ug/l	99
41) Methacrylonitrile	7.18	41	170297	56.769	ug/l #	100
42) 1,2-Dichloroethane	8.11	62	109310	17.910	ug/l	100
43) Isopropyl Acetate	8.15	43	183665	17.784	ug/l	99
44) Trichloroethene	8.82	130	83613	17.877	ug/l	97
45) 1,2-Dichloropropane	9.10	63	87685	17.819	ug/l	96
46) Dibromomethane	9.19	93	54185	17.951	ug/l	99
47) Bromodichloromethane	9.39	83	108414	17.934	ug/l	99
48) Methyl methacrylate	9.19	41	80203	17.078	ug/l	97
49) 1,4-Dioxane	9.19	88	26346	373.264	ug/l	97
51) 4-Methyl-2-Pentanone	9.98	43	572527	94.713	ug/l	99
52) Toluene	10.15	92	201733	18.180	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	123533	17.579	ug/l	99
54) cis-1,3-Dichloropropene	9.83	75	137581	18.043	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	78268	18.141	ug/l	99
56) Ethyl methacrylate	10.42	69	117389	17.597	ug/l	100
57) 1,3-Dichloropropane	10.70	76	136645	18.172	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	211974	94.817	ug/l	100
59) 2-Hexanone	10.75	43	428678	96.847	ug/l	99
60) Dibromochloromethane	10.90	129	80794	17.771	ug/l	99
61) 1,2-Dibromoethane	11.00	107	80073	17.837	ug/l	100
64) Tetrachloroethene	10.63	164	78924	19.034	ug/l	98
65) Chlorobenzene	11.43	112	208482	18.085	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	77049	18.398	ug/l	100
67) Ethyl Benzene	11.51	91	381301	18.525	ug/l	100
68) m/p-Xylenes	11.62	106	282602	36.950	ug/l	99
69) o-Xylene	11.95	106	135841	18.552	ug/l	99
70) Styrene	11.96	104	209728	18.153	ug/l	99
71) Bromoform	12.13	173	58043	18.300	ug/l #	99
73) Isopropylbenzene	12.25	105	366547	18.573	ug/l	100
74) N-amyl acetate	12.07	43	140517	17.716	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	116096	17.783	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	156214	28.067	ug/l #	100
77) Bromobenzene	12.53	156	86774	18.127	ug/l	99
78) n-propylbenzene	12.59	91	417964	18.696	ug/l	99
79) 2-Chlorotoluene	12.68	91	247366	18.027	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	302476	18.232	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	40082	18.012	ug/l	99
82) 4-Chlorotoluene	12.77	91	249818	17.593	ug/l	98
83) tert-Butylbenzene	12.99	119	261025	18.629	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	299433	18.425	ug/l	100
85) sec-Butylbenzene	13.17	105	349759	18.572	ug/l	100
86) p-Isopropyltoluene	13.29	119	314919	18.792	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	151133	17.729	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	149585	17.735	ug/l	99
89) n-Butylbenzene	13.62	91	265524	18.062	ug/l	99
90) Hexachloroethane	13.88	117	57006	17.962	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	148557	18.012	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	23805	17.151	ug/l	93

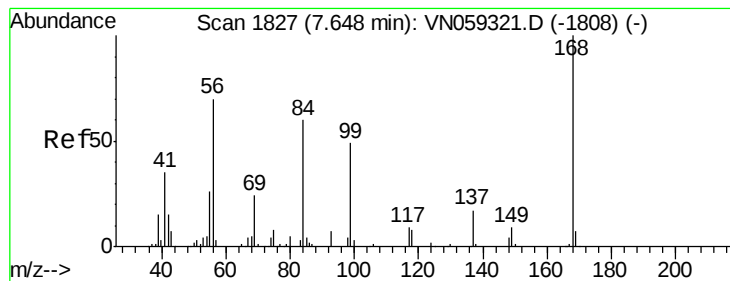
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Quant Title : SW846 8260
QLast Update : Thu Nov 21 08:44:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	80180	17.650	ug/l	98
94) Hexachlorobutadiene	15.01	225	54013	18.177	ug/l	99
95) Naphthalene	15.13	128	216673	17.456	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	81234	17.422	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

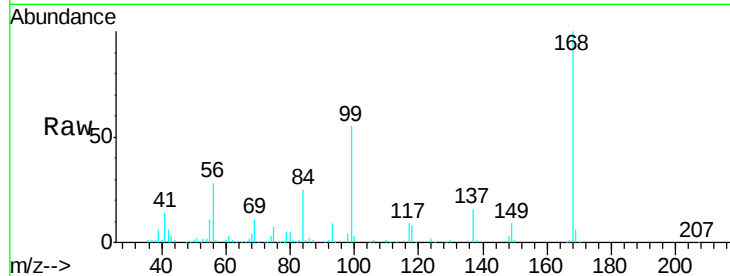
VN1122WBS01

Tgt Ion:168 Resp: 383756

Ion Ratio Lower Upper

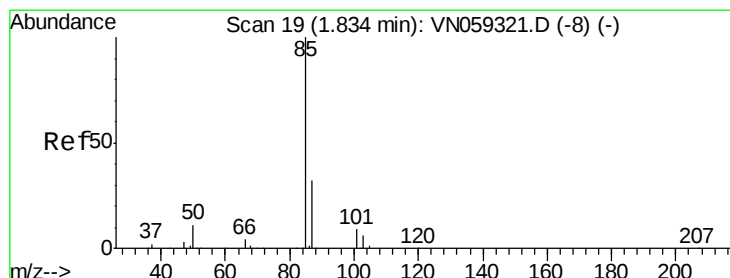
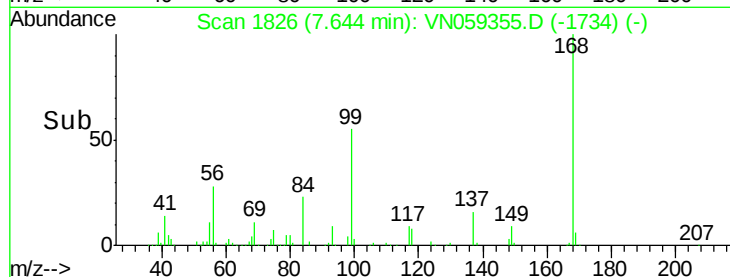
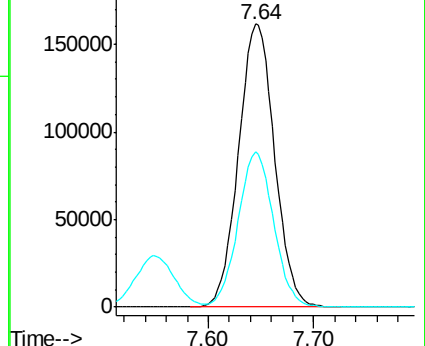
168 100

99 54.7 44.6 66.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.796 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059355.D

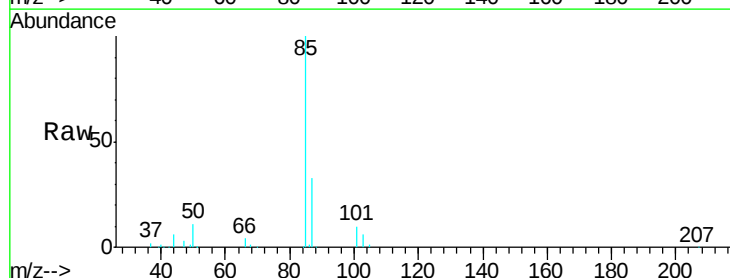
Acq: 22 Nov 2019 11:45

Tgt Ion: 85 Resp: 87429

Ion Ratio Lower Upper

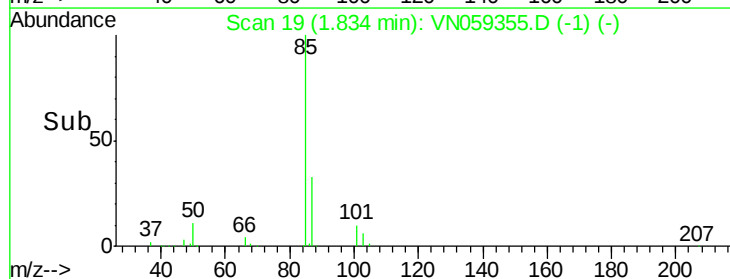
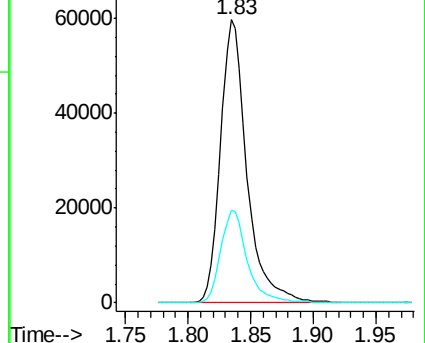
85 100

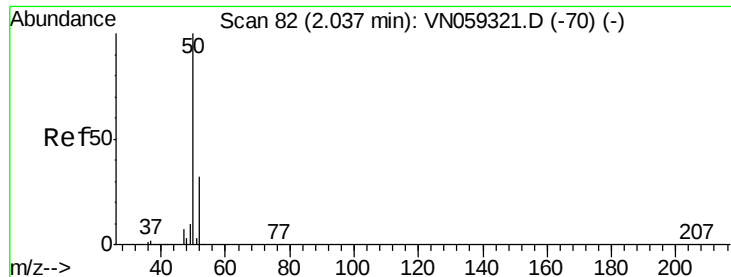
87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.590 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

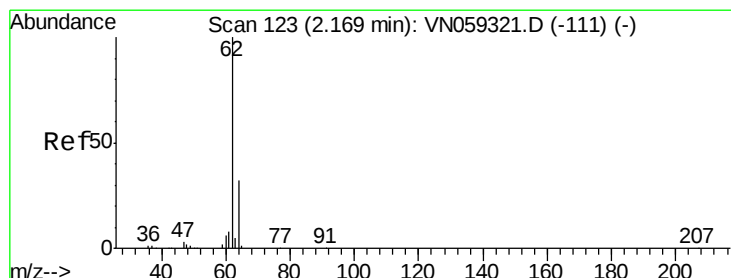
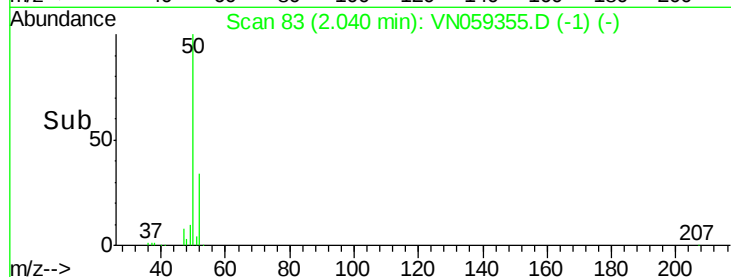
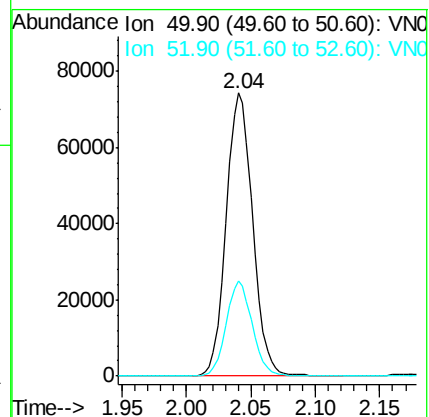
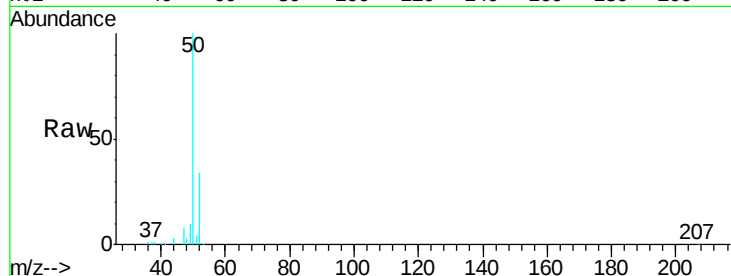
VN1122WBS01

Tgt Ion: 50 Resp: 105866

Ion Ratio Lower Upper

50 100

52 33.5 26.0 39.0



#4

Vinyl Chloride

Concen: 18.229 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059355.D

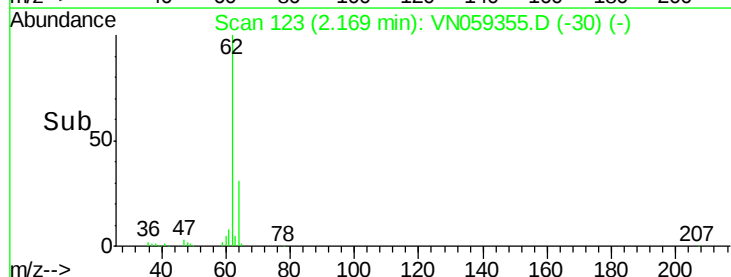
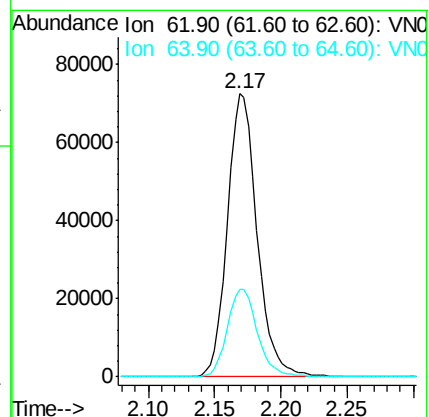
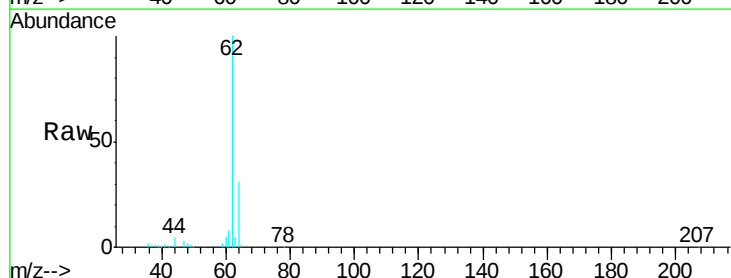
Acq: 22 Nov 2019 11:45

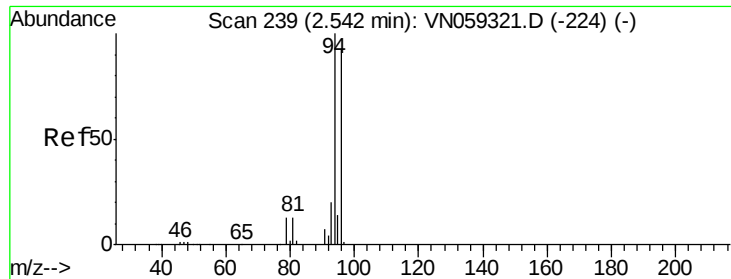
Tgt Ion: 62 Resp: 112956

Ion Ratio Lower Upper

62 100

64 31.0 25.4 38.0





#5

Bromomethane

Concen: 17.800 ug/l

RT: 2.54 min Scan# 240

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

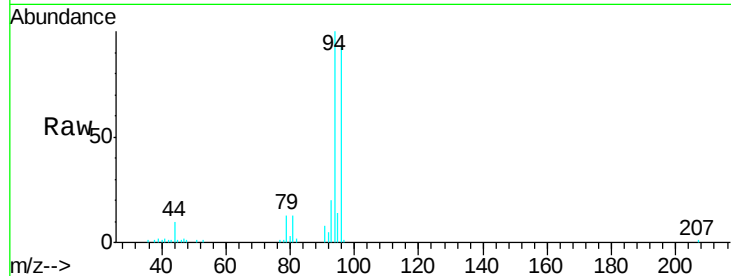
VN1122WBS01

Tgt Ion: 94 Resp: 61237

Ion Ratio Lower Upper

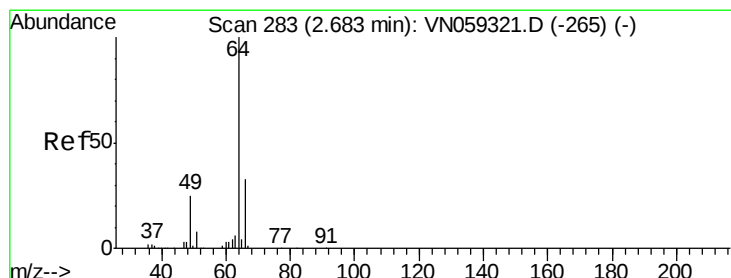
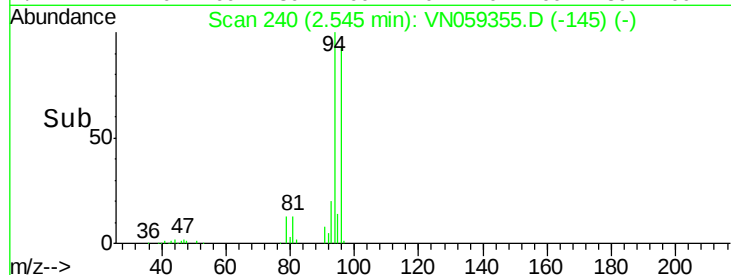
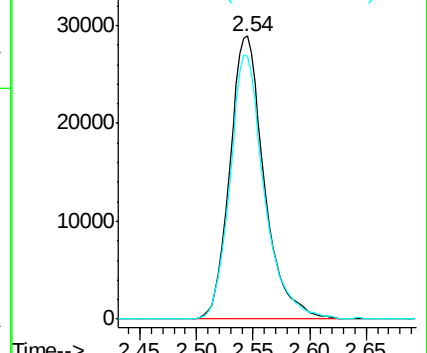
94 100

96 92.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.120 ug/l

RT: 2.68 min Scan# 283

Delta R.T. 0.00 min

Lab File: VN059355.D

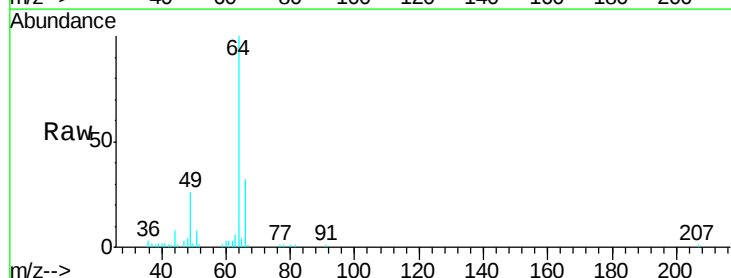
Acq: 22 Nov 2019 11:45

Tgt Ion: 64 Resp: 57899

Ion Ratio Lower Upper

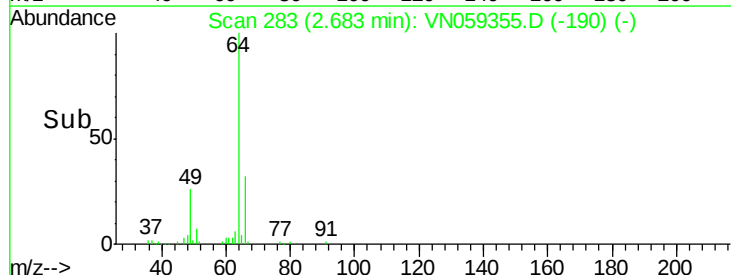
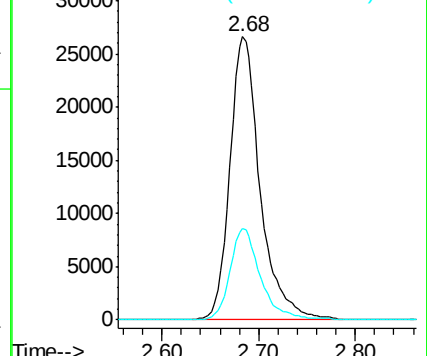
64 100

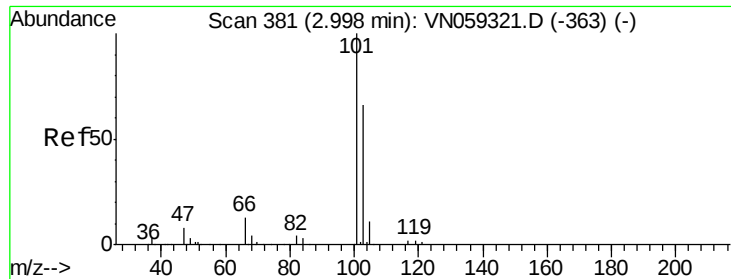
66 32.2 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



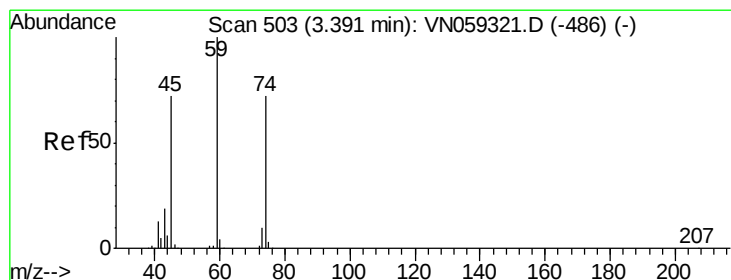
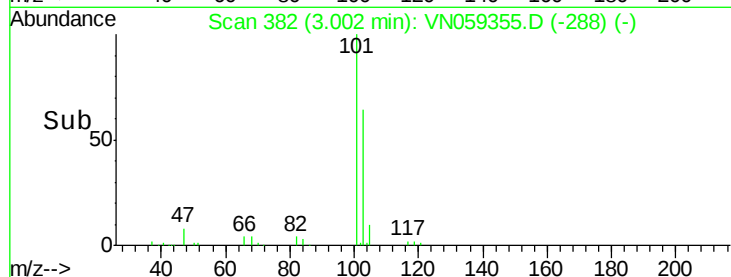
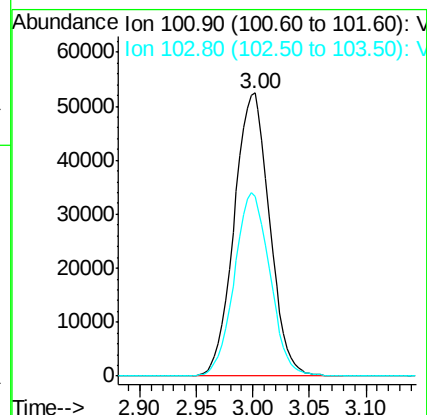
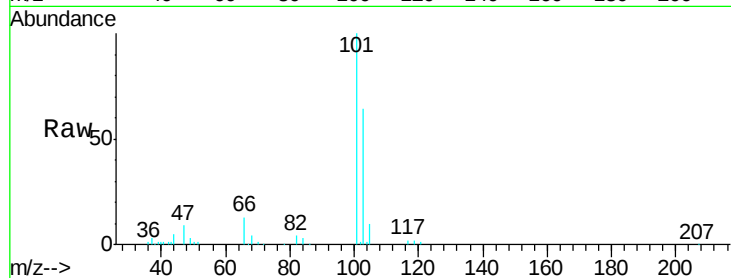


#7

Trichlorofluoromethane
 Concen: 17.164 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Instrument :
 MSVOA_N
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 VN1122WBS01

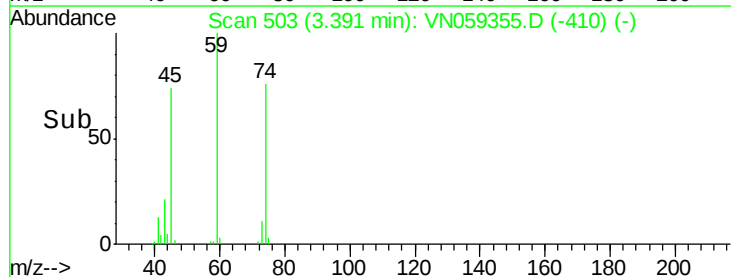
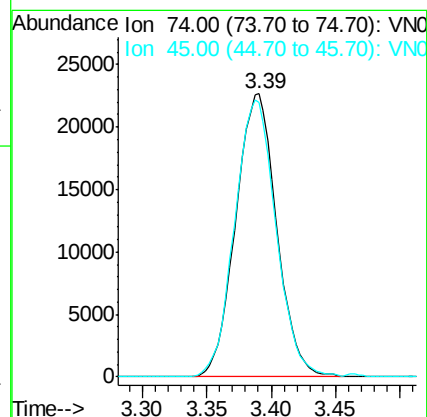
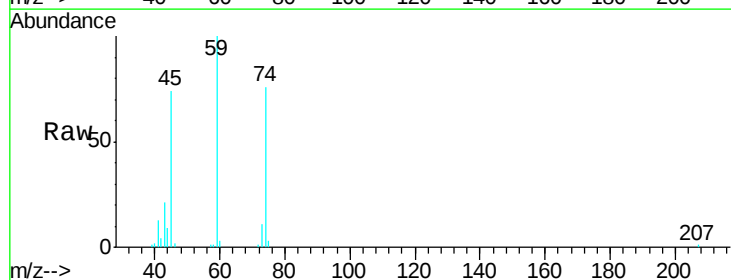
Tgt Ion:101 Resp: 114533
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.5 78.7

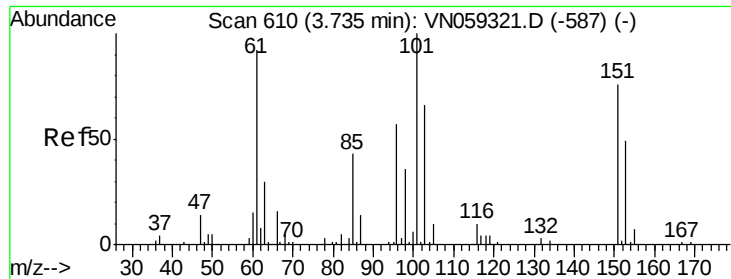


#8

Diethyl Ether
 Concen: 18.336 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion: 74 Resp: 50020
 Ion Ratio Lower Upper
 74 100
 45 99.0 51.7 155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.245 ug/l

RT: 3.73 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

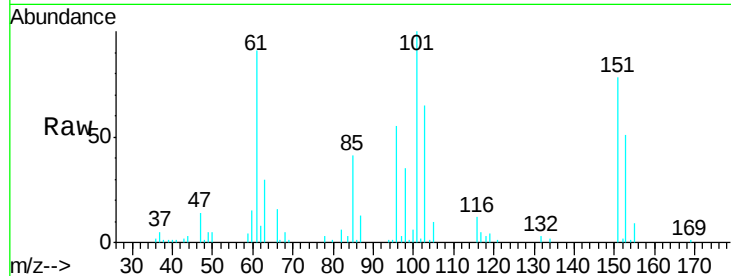
Tgt Ion:101 Resp: 74446

Ion Ratio Lower Upper

101 100

85 42.4 34.8 52.2

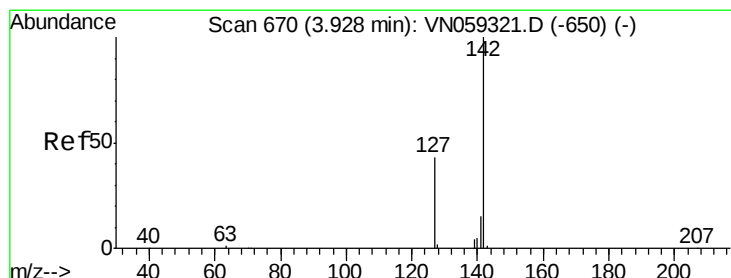
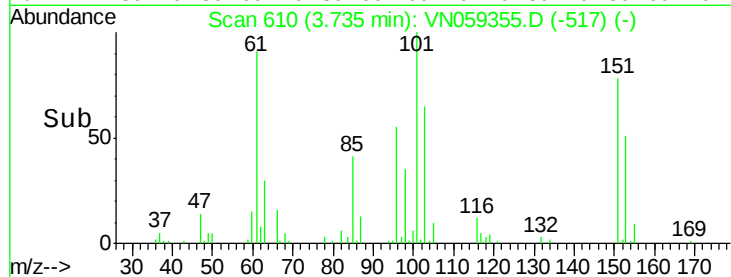
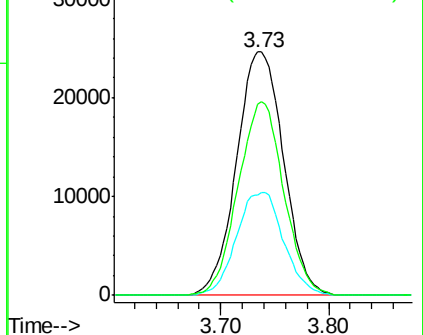
151 77.2 62.2 93.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.489 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

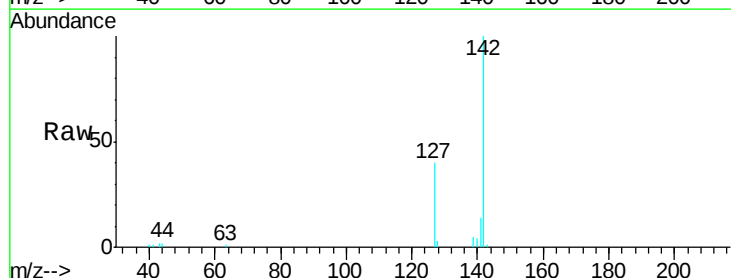
Tgt Ion:142 Resp: 93761

Ion Ratio Lower Upper

142 100

127 40.9 33.8 50.6

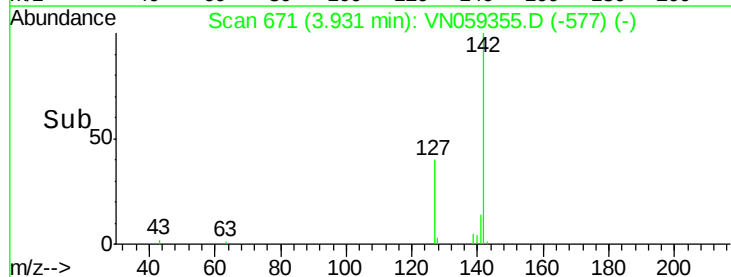
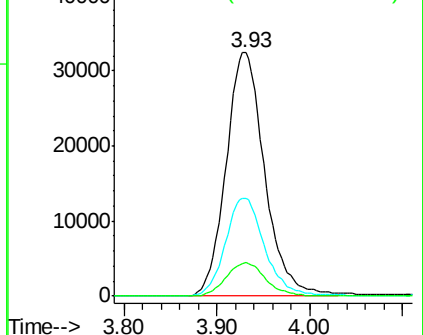
141 13.9 11.2 16.8

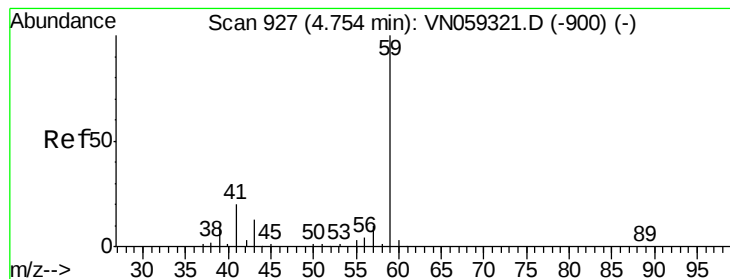


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



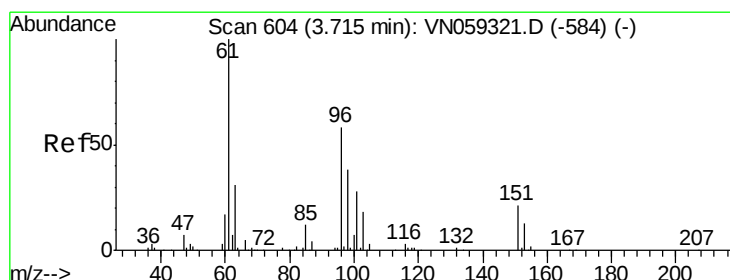
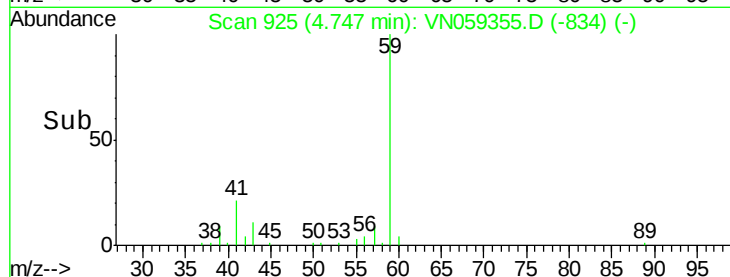
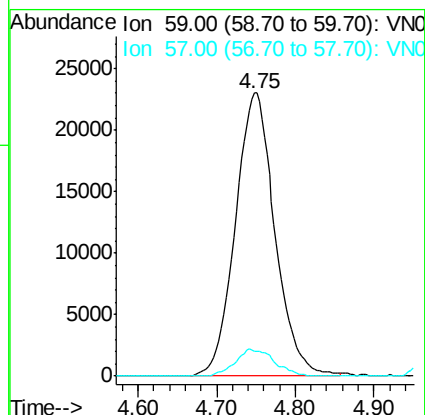
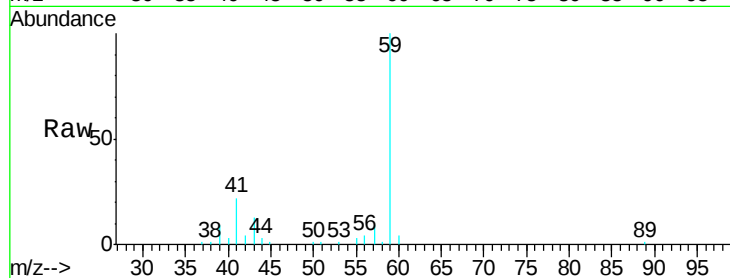


#11

Tert butyl alcohol
 Concen: 87.701 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.01 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Instrument :
 MSVOA_N
 ClientSampled :
 VN1122WBS01

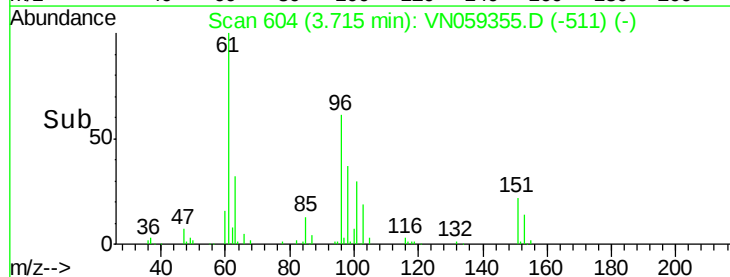
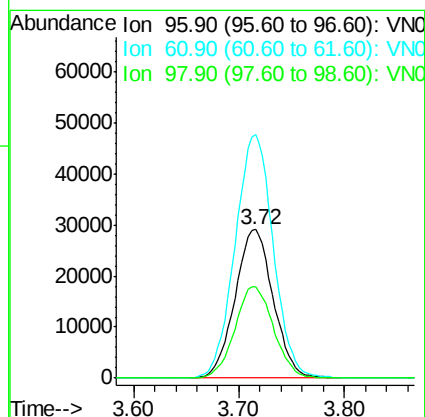
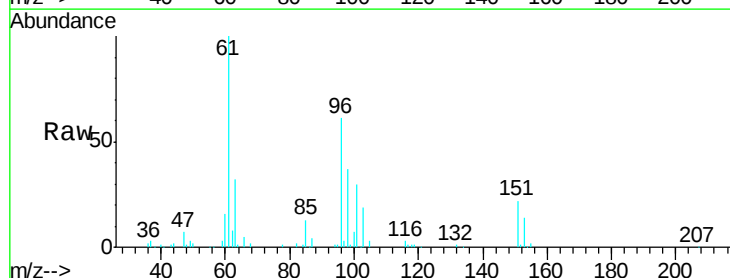
Tgt Ion: 59 Resp: 80849
 Ion Ratio Lower Upper
 59 100
 57 9.5 8.2 12.2

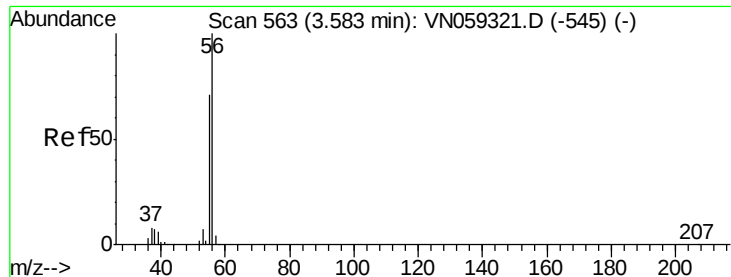


#12

1,1-Dichloroethene
 Concen: 17.679 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion: 96 Resp: 73222
 Ion Ratio Lower Upper
 96 100
 61 164.1 136.8 205.2
 98 61.5 51.6 77.4





#13

Acrolein

Concen: 88.276 ug/l

RT: 3.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

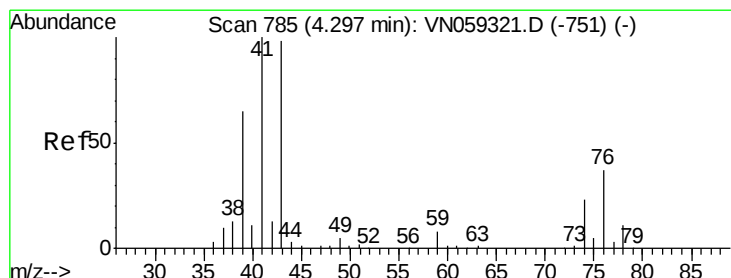
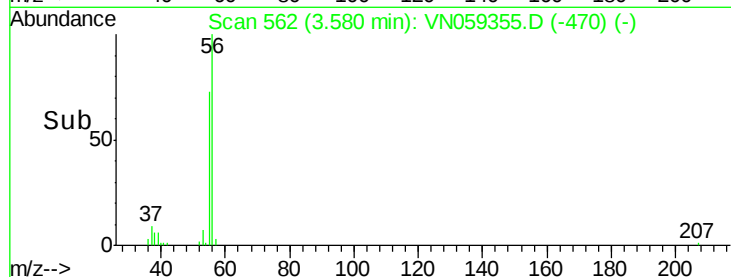
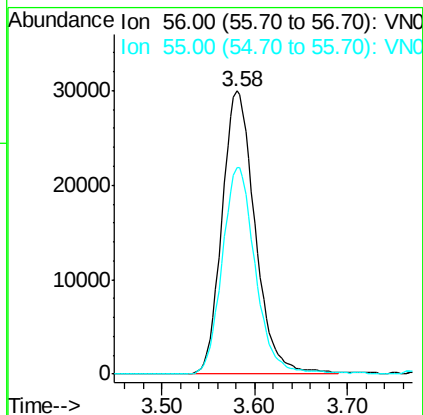
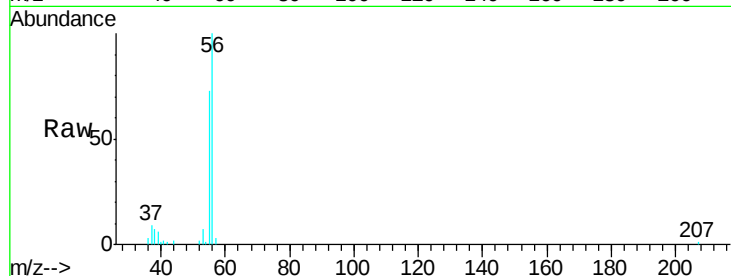
VN1122WBS01

Tgt Ion: 56 Resp: 74287

Ion Ratio Lower Upper

56 100

55 72.4 57.4 86.0



#14

Allyl chloride

Concen: 17.559 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

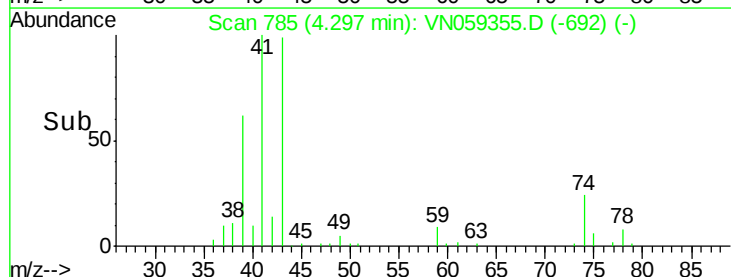
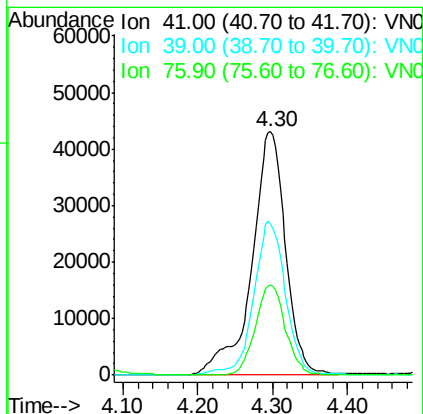
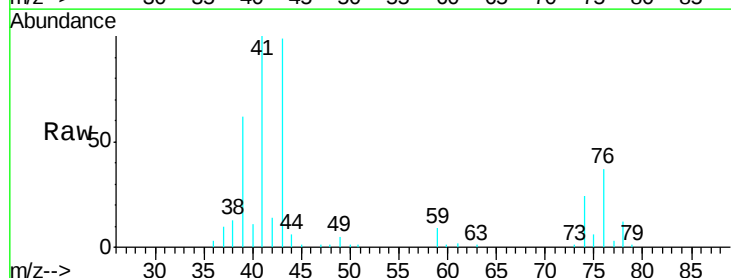
Tgt Ion: 41 Resp: 135858

Ion Ratio Lower Upper

41 100

39 59.0 48.4 72.6

76 33.0 26.2 39.4





#15

Acrylonitrile

Concen: 90.230 ug/l

RT: 4.95 min Scan# 989

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

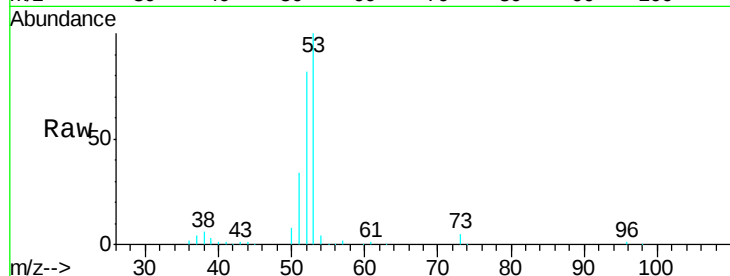
Tgt Ion: 53 Resp: 219930

Ion Ratio Lower Upper

53 100

52 80.6 65.8 98.8

51 34.8 28.2 42.2

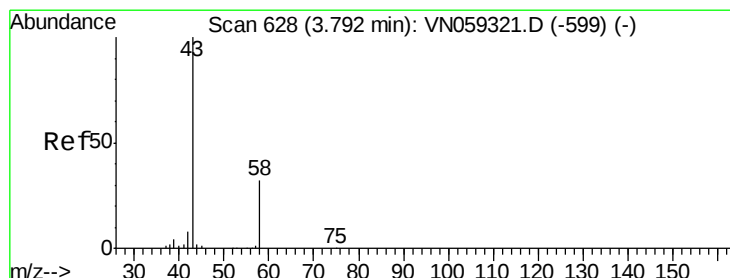
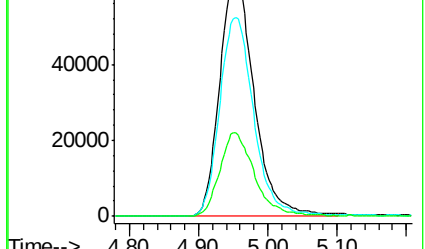
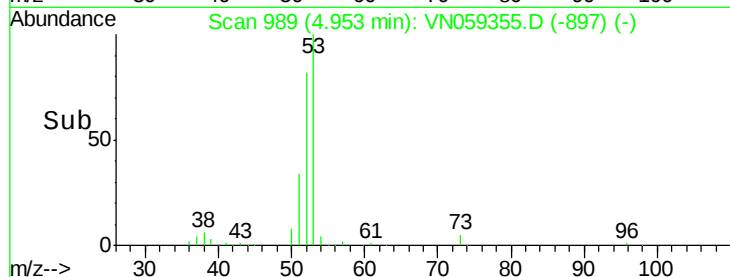


Abundance Ion 53.00 (52.70 to 53.70): VN059321.D (-968) (-)

Ion 52.00 (51.70 to 52.70): VN059321.D (-968) (-)

Ion 51.00 (50.70 to 51.70): VN059321.D (-968) (-)

Time-->



#16

Acetone

Concen: 117.570 ug/l

RT: 3.79 min Scan# 627

Delta R.T. -0.00 min

Lab File: VN059355.D

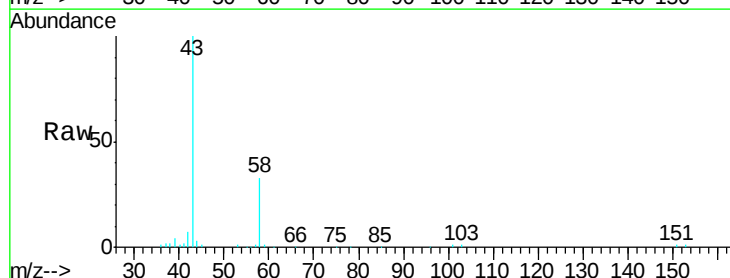
Acq: 22 Nov 2019 11:45

Tgt Ion: 43 Resp: 242729

Ion Ratio Lower Upper

43 100

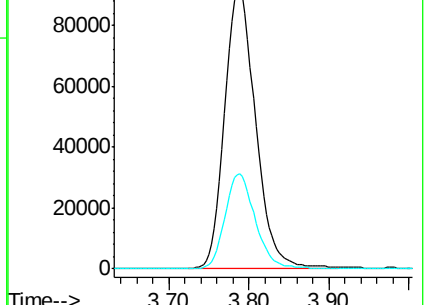
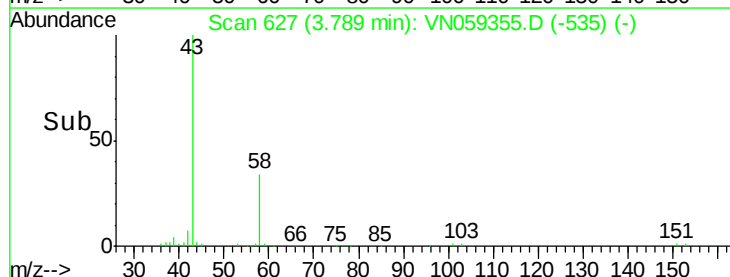
58 33.5 25.8 38.6

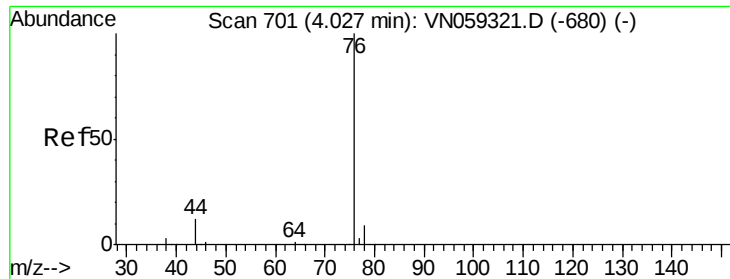


Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN059321.D (-599) (-)

Time-->

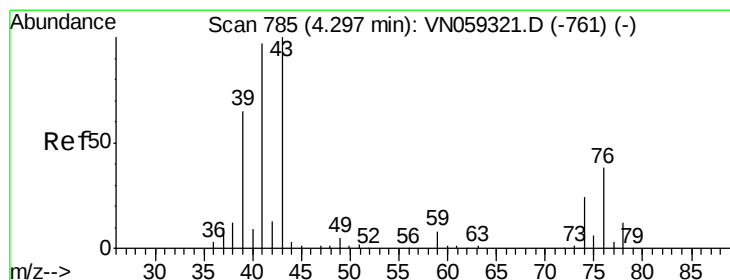
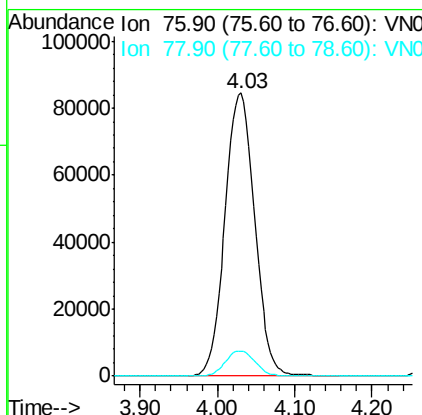
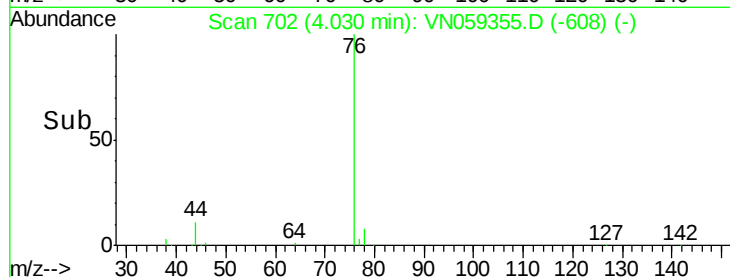
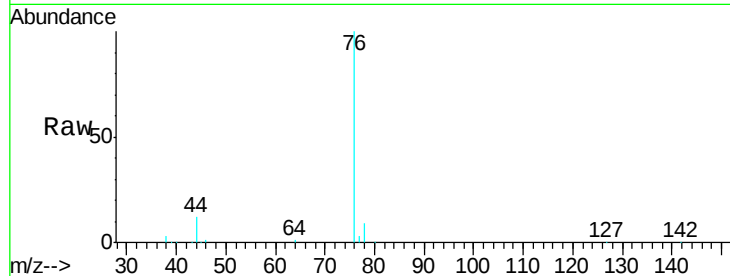




#17
Carbon Disulfide
Concen: 17.476 ug/l
RT: 4.03 min Scan# 702
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

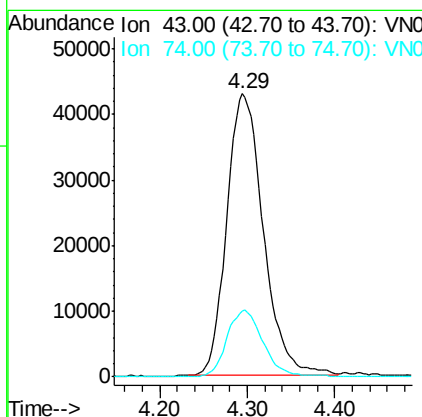
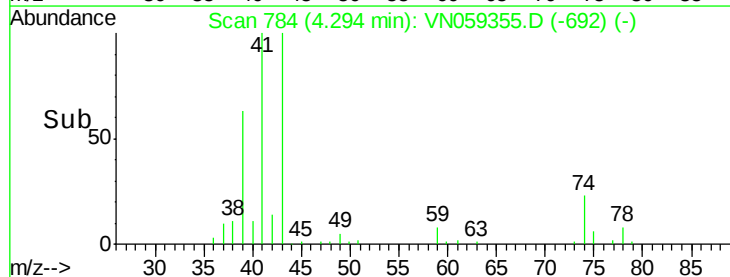
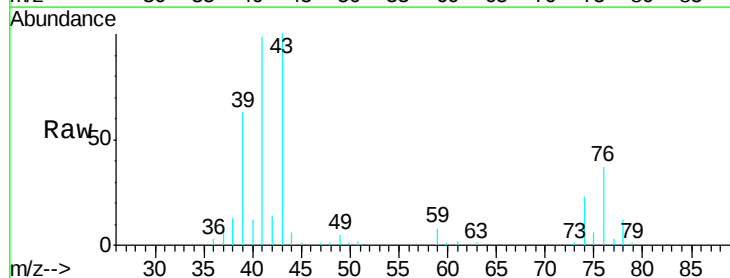
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

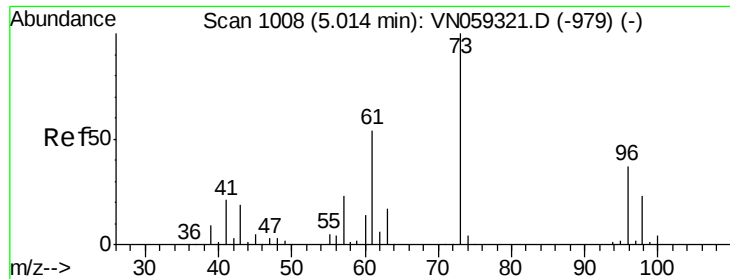
Tgt Ion: 76 Resp: 225655
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 18.253 ug/l
RT: 4.29 min Scan# 784
Delta R.T. -0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 43 Resp: 125064
Ion Ratio Lower Upper
43 100
74 23.2 18.1 27.1

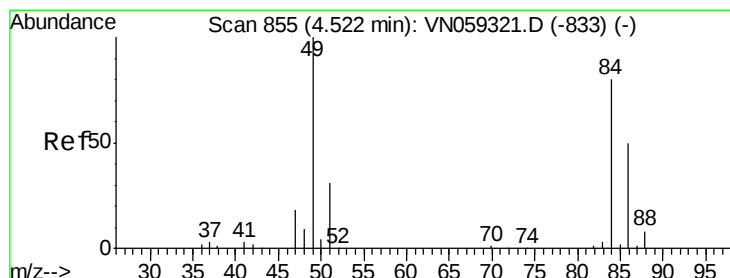
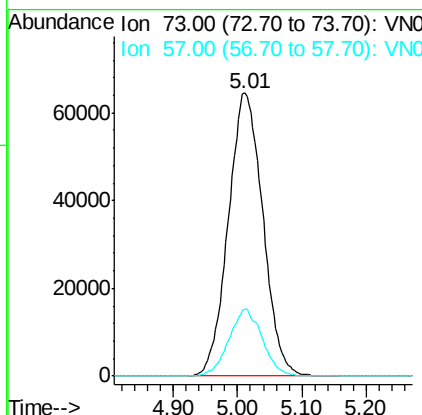
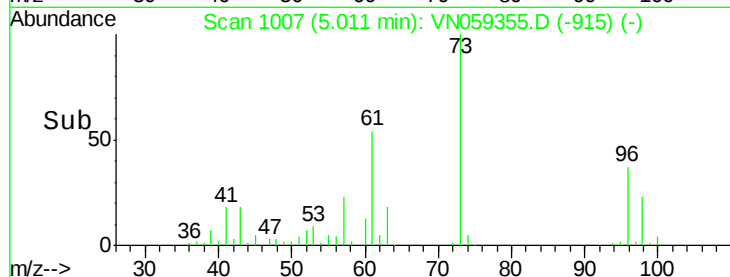
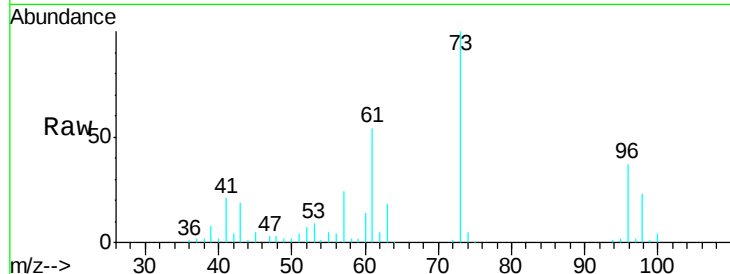




#19
Methyl tert-butyl Ether
Concen: 18.030 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

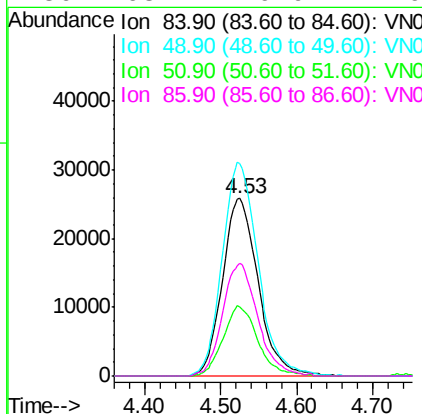
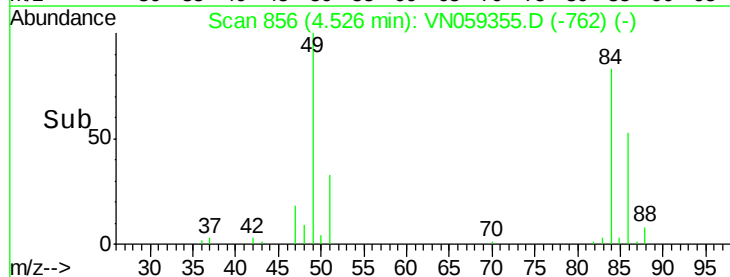
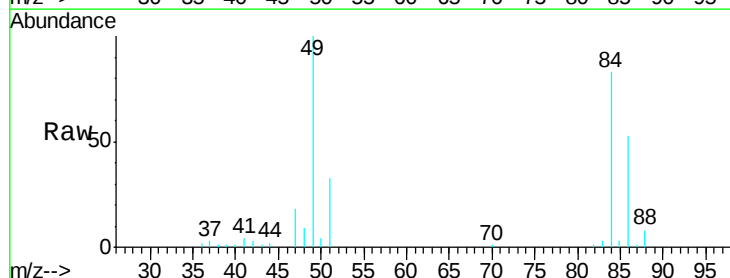
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

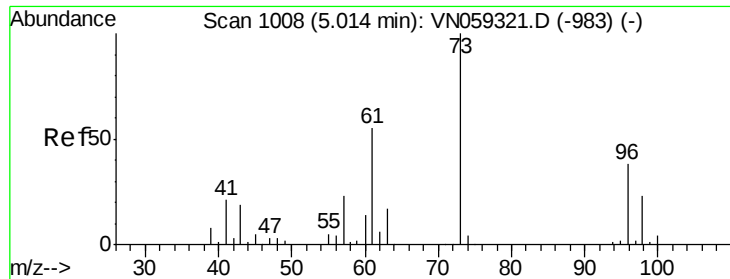
Tgt Ion: 73 Resp: 241201
Ion Ratio Lower Upper
73 100
57 23.9 18.4 27.6



#20
Methylene Chloride
Concen: 18.163 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 84 Resp: 84571
Ion Ratio Lower Upper
84 100
49 119.9 99.5 149.3
51 39.1 31.1 46.7
86 63.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.584 ug/l

RT: 5.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

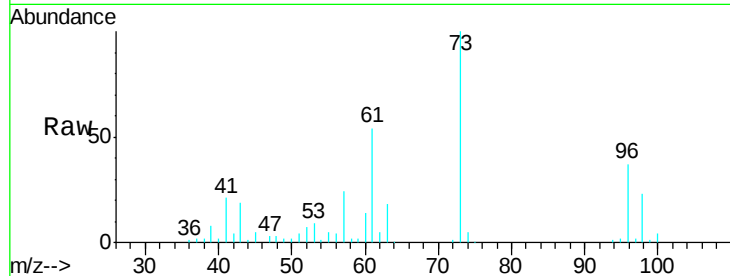
Tgt Ion: 96 Resp: 77184

Ion Ratio Lower Upper

96 100

61 145.9 116.4 174.6

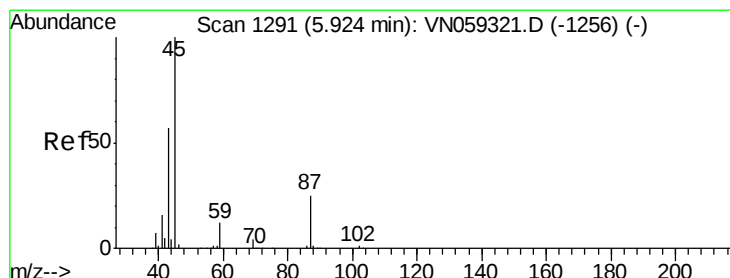
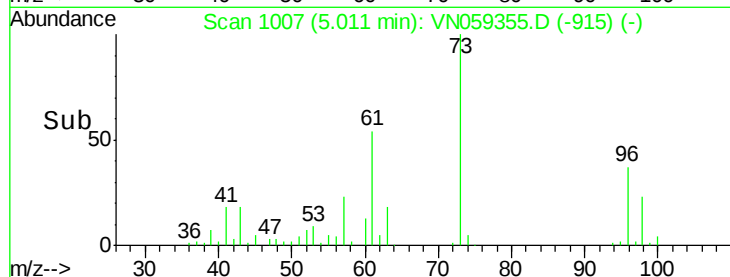
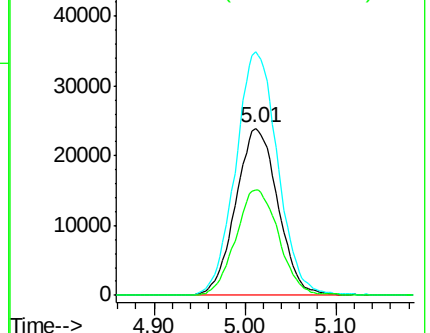
98 62.8 49.6 74.4



Abundance Ion 95.90 (95.60 to 96.60): VN059321.D (-983) (-)

Ion 60.90 (60.60 to 61.60): VN059321.D (-983) (-)

Ion 97.90 (97.60 to 98.60): VN059321.D (-983) (-)



#22

Diisopropyl ether

Concen: 18.068 ug/l

RT: 5.92 min Scan# 1291

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Tgt Ion: 45 Resp: 263221

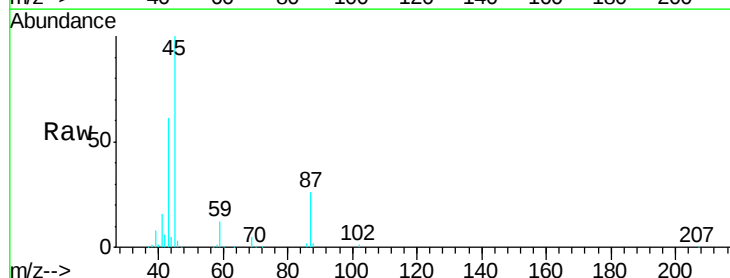
Ion Ratio Lower Upper

45 100

43 60.0 47.6 71.4

87 25.9 20.7 31.1

59 11.8 9.4 14.2

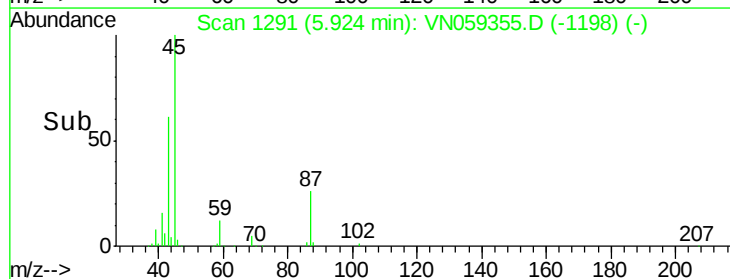
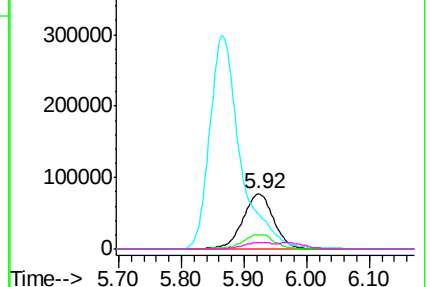


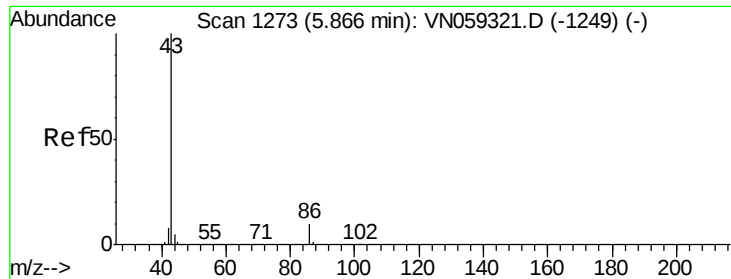
Abundance Ion 45.00 (44.70 to 45.70): VN059321.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN059321.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN059321.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN059321.D (-1256) (-)

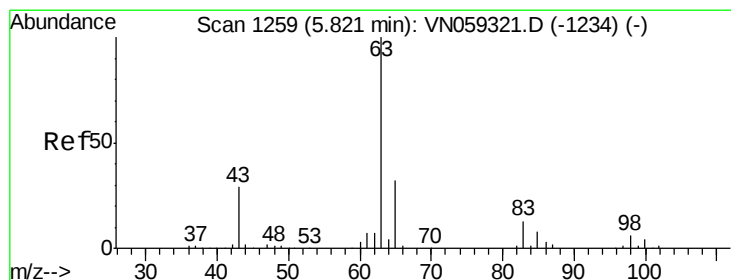
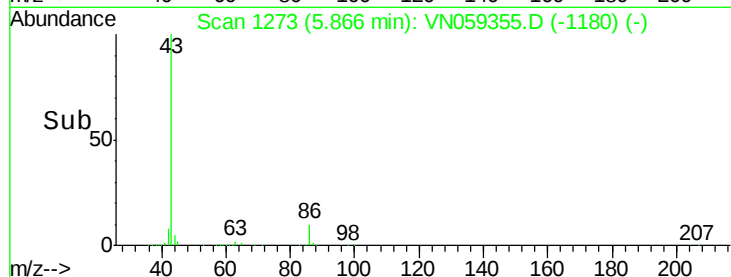
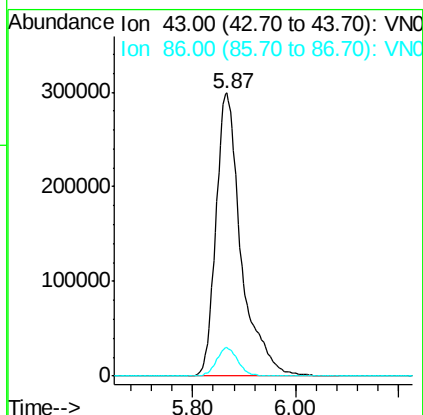
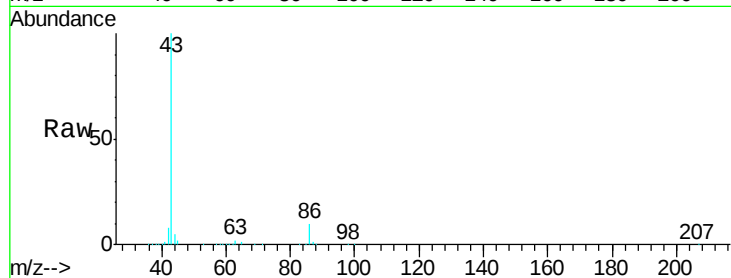




#23
 Vinyl Acetate
 Concen: 88.696 ug/l
 RT: 5.87 min Scan# 1273
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

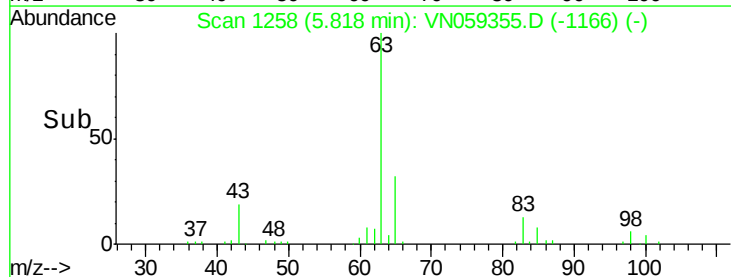
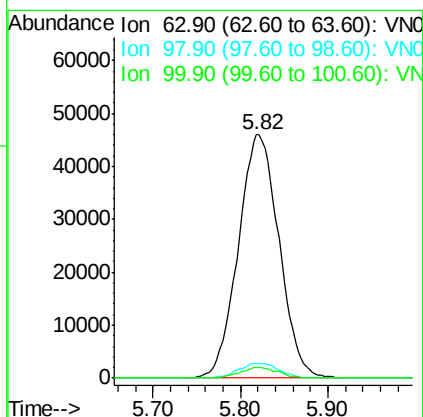
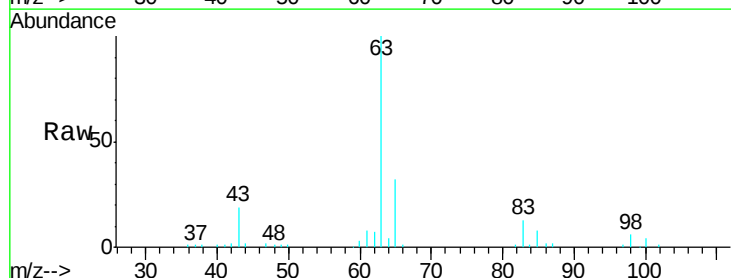
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

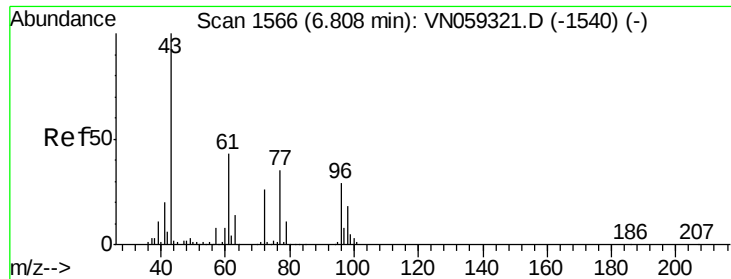
Tgt Ion: 43 Resp: 1016097
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 18.119 ug/l
 RT: 5.82 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion: 63 Resp: 148572
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.8
 100 4.4 1.9 5.7





#25

2-Butanone

Concen: 97.547 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

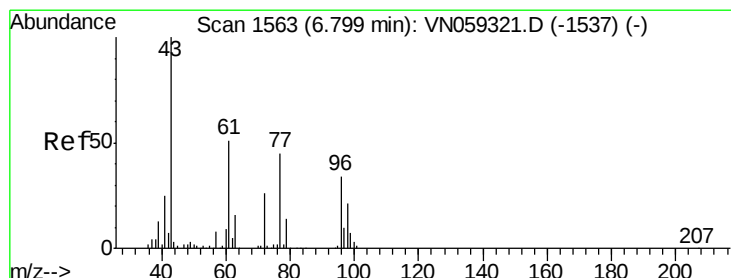
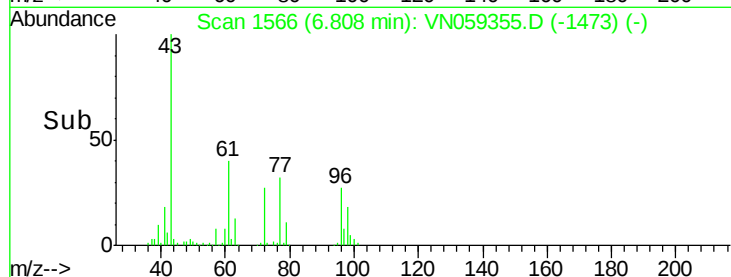
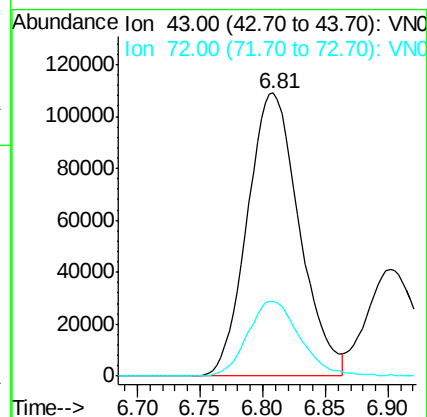
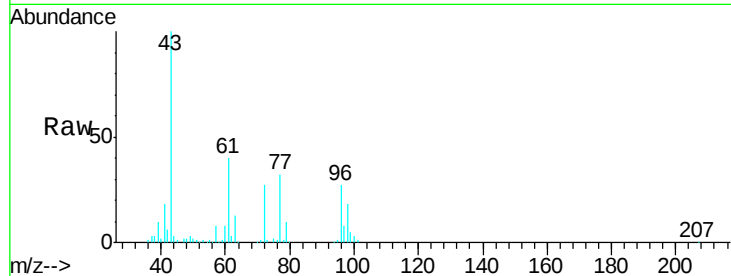
VN1122WBS01

Tgt Ion: 43 Resp: 313160

Ion Ratio Lower Upper

43 100

72 26.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 17.726 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059355.D

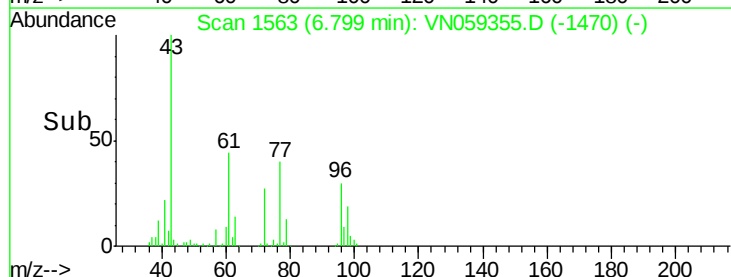
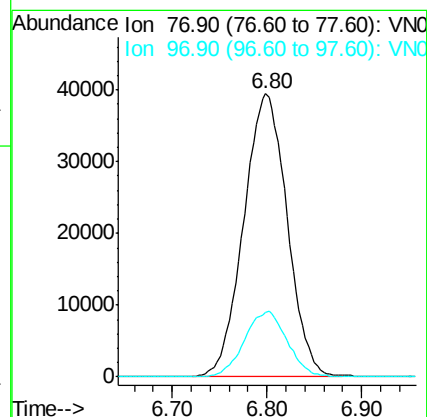
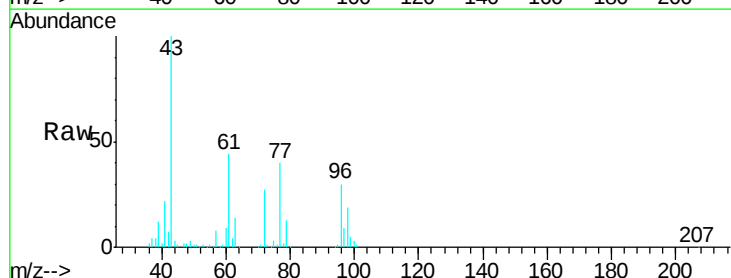
Acq: 22 Nov 2019 11:45

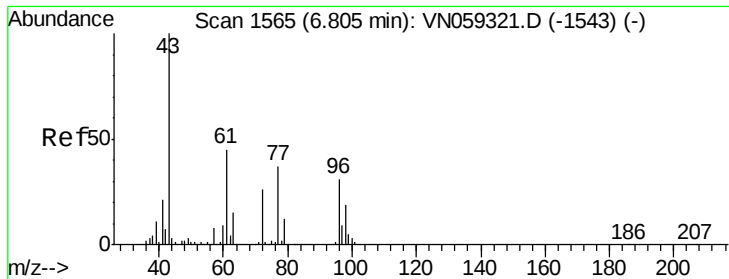
Tgt Ion: 77 Resp: 125862

Ion Ratio Lower Upper

77 100

97 22.7 11.5 34.4

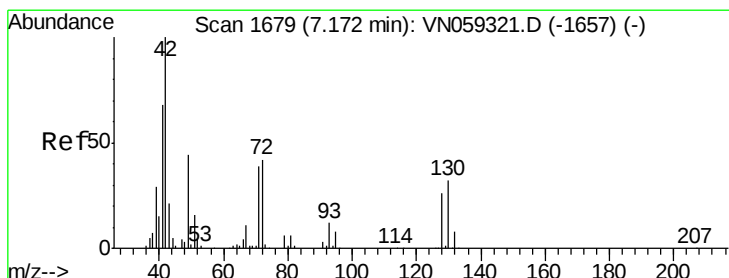
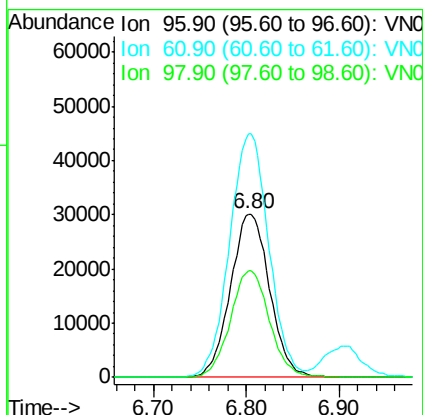
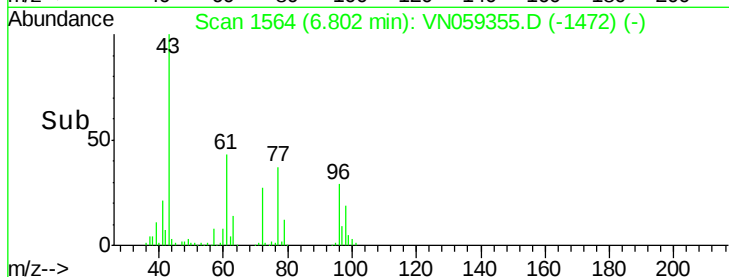
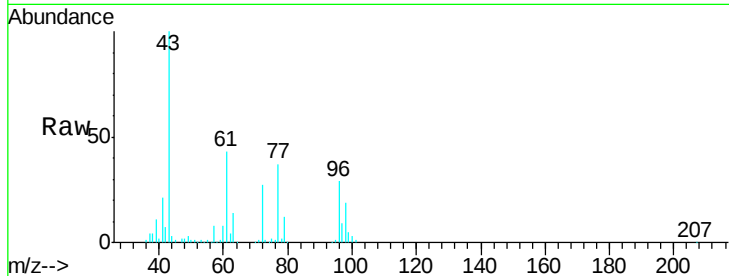




#27
 cis-1,2-Dichloroethene
 Concen: 17.848 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. -0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

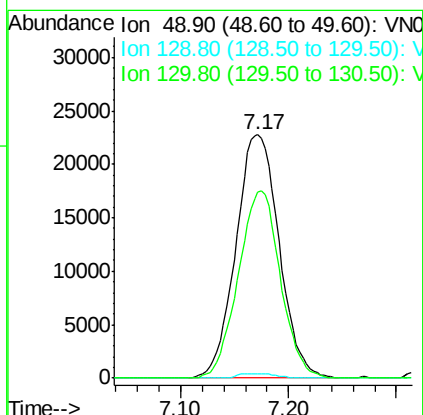
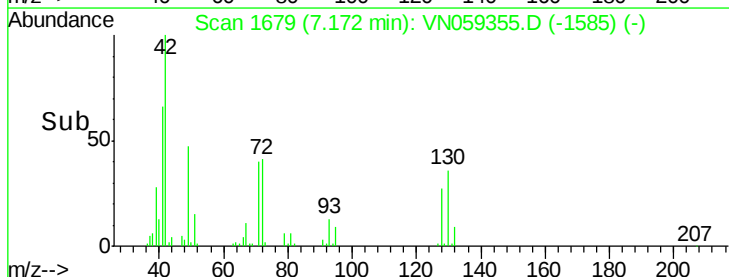
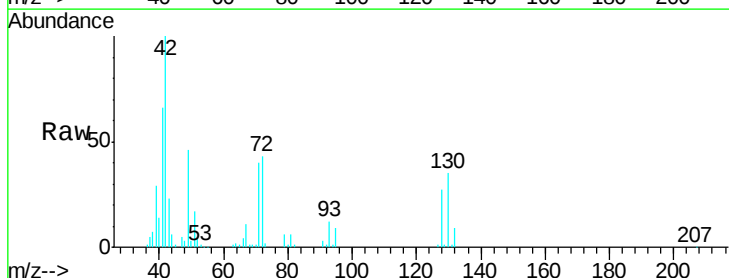
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

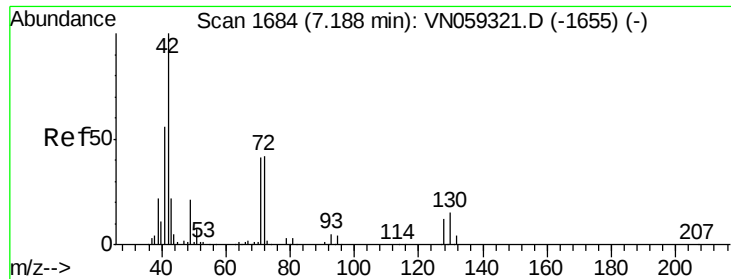
Tgt Ion: 96 Resp: 88392
 Ion Ratio Lower Upper
 96 100
 61 149.1 0.0 304.0
 98 65.0 0.0 128.4



#28
 Bromochloromethane
 Concen: 20.449 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion: 49 Resp: 63431
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.8
 130 74.5 57.0 85.6

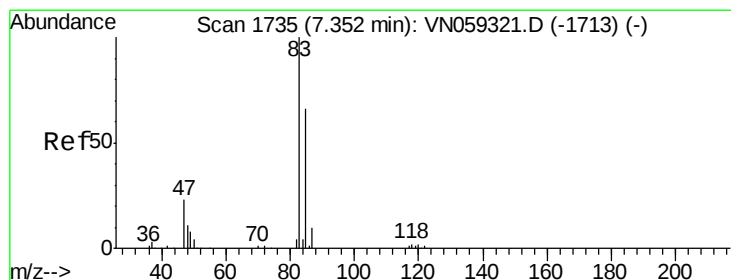
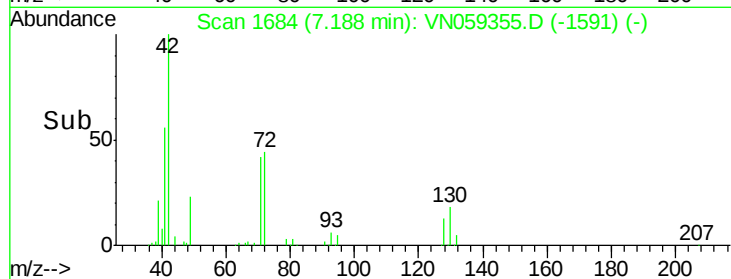
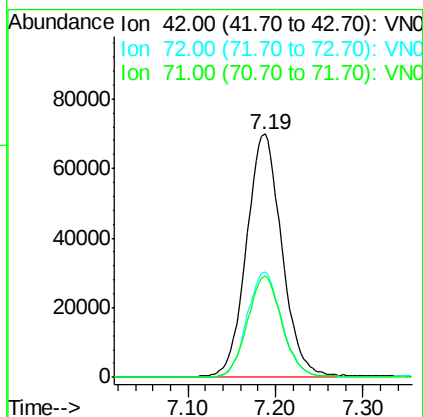
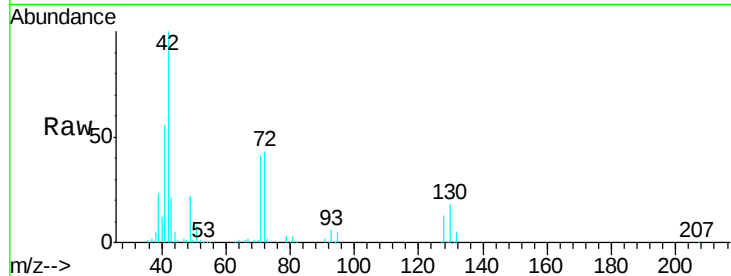




#29
Tetrahydrofuran
Concen: 88.625 ug/l
RT: 7.19 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

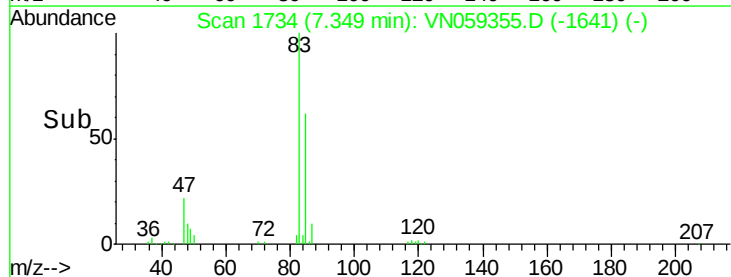
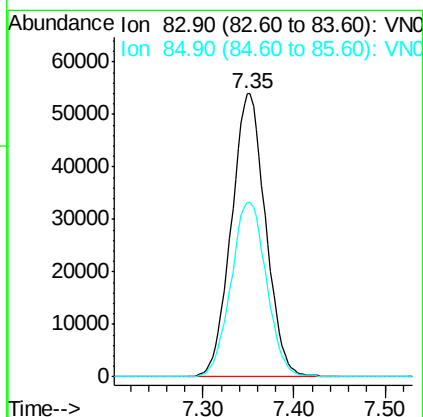
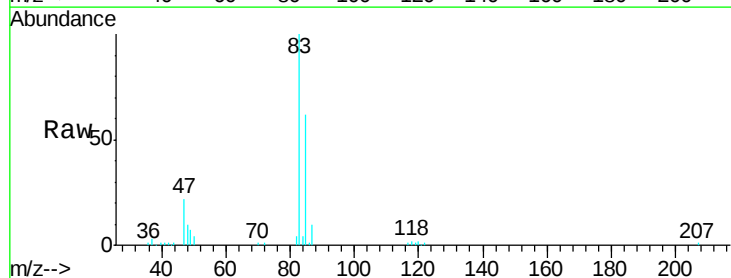
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

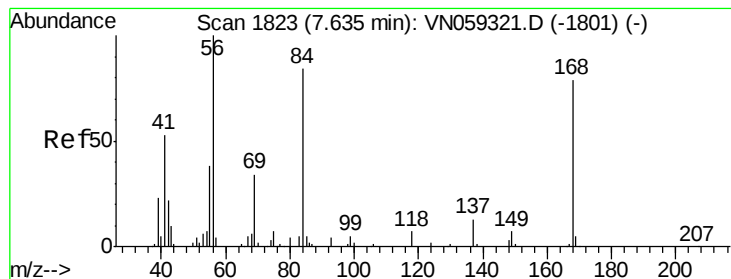
Tgt Ion: 42 Resp: 196733
Ion Ratio Lower Upper
42 100
72 42.7 34.2 51.2
71 40.6 32.6 48.8



#30
Chloroform
Concen: 17.597 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 83 Resp: 140732
Ion Ratio Lower Upper
83 100
85 61.7 52.7 79.1





#31

Cyclohexane

Concen: 17.887 ug/l

RT: 7.63 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

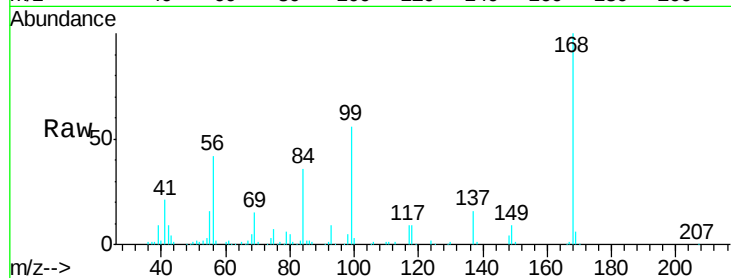
Tgt Ion: 56 Resp: 145018

Ion Ratio Lower Upper

56 100

69 36.4 26.6 40.0

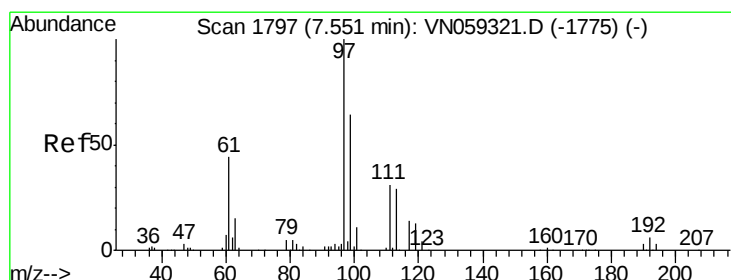
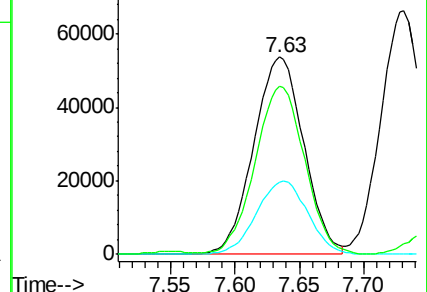
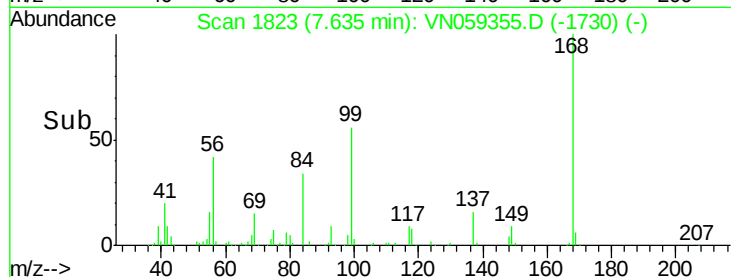
84 84.1 67.0 100.4



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.738 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

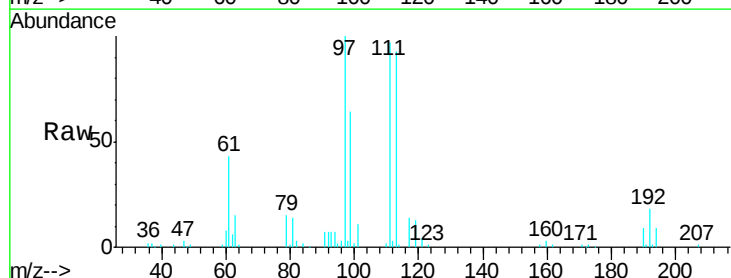
Tgt Ion: 97 Resp: 121270

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

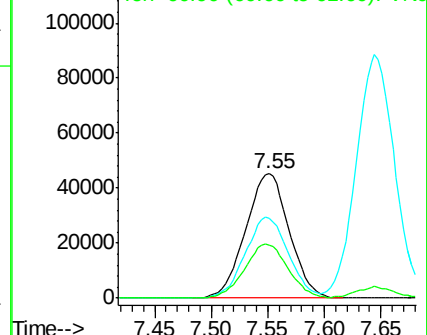
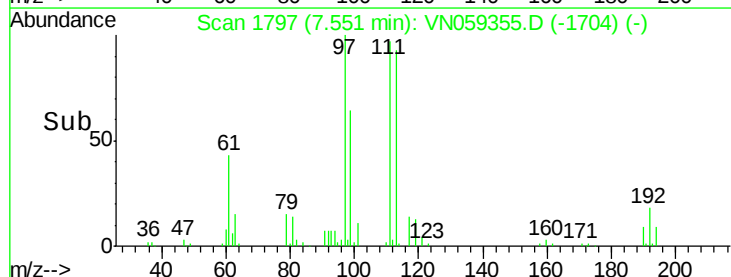
61 43.3 35.3 52.9

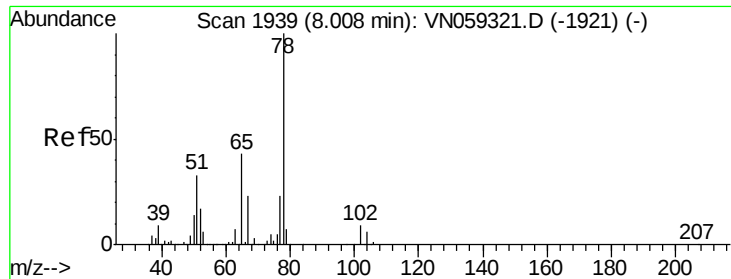


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

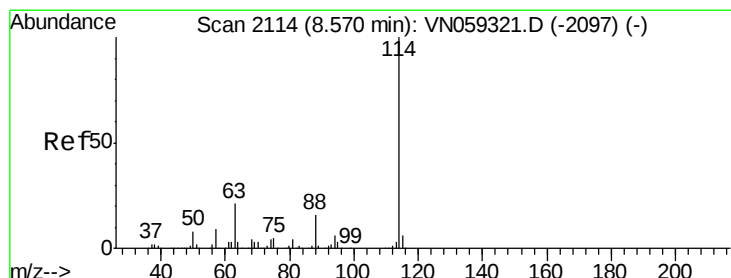
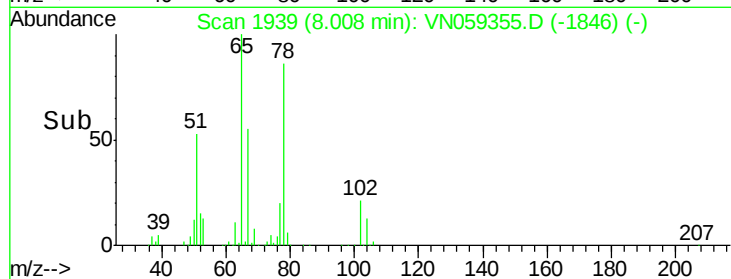
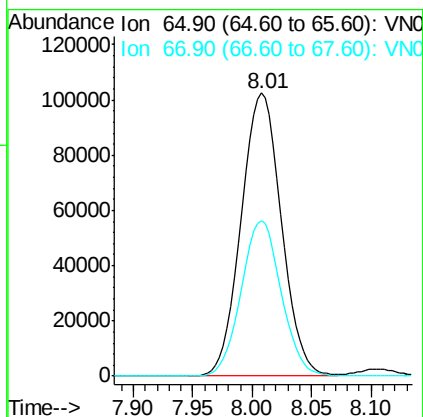
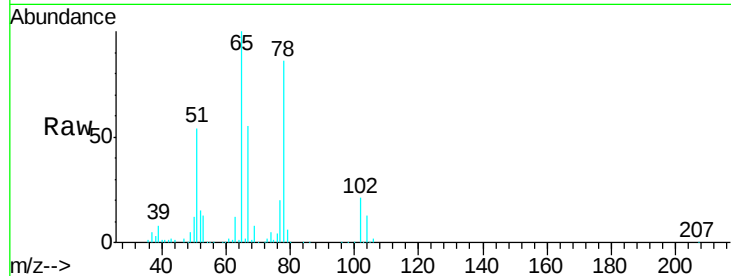




#33
 1,2-Dichloroethane-d4
 Concen: 52.213 ug/l
 RT: 8.01 min Scan# 1939
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

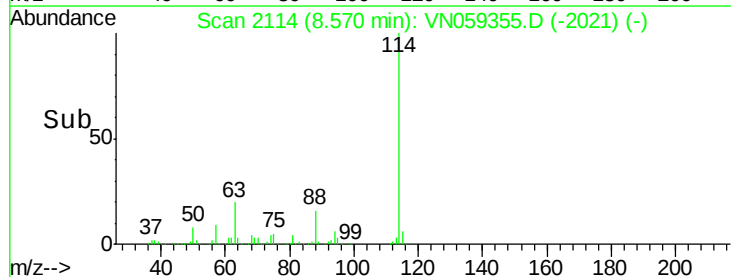
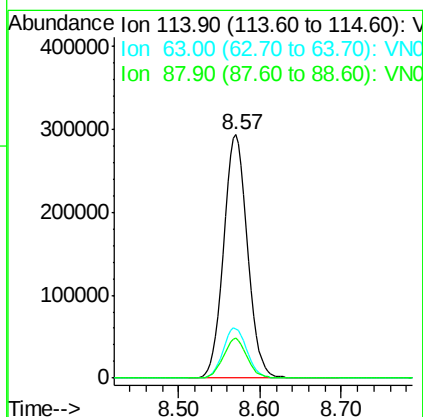
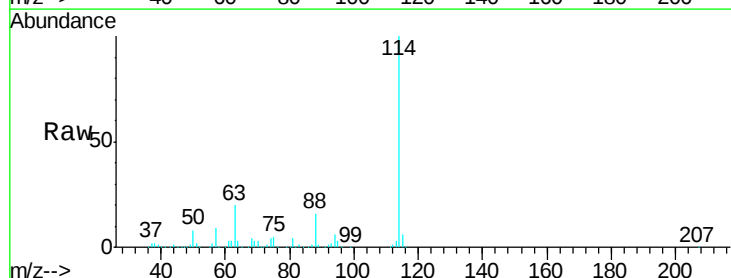
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

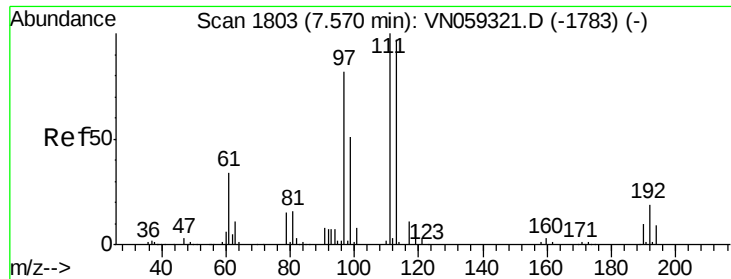
Tgt Ion: 65 Resp: 240411
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion: 114 Resp: 609066
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.2
 88 16.3 0.0 32.2

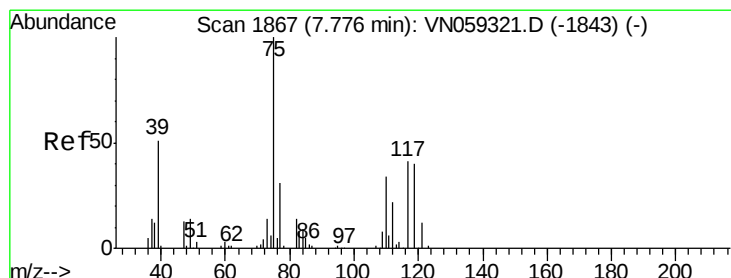
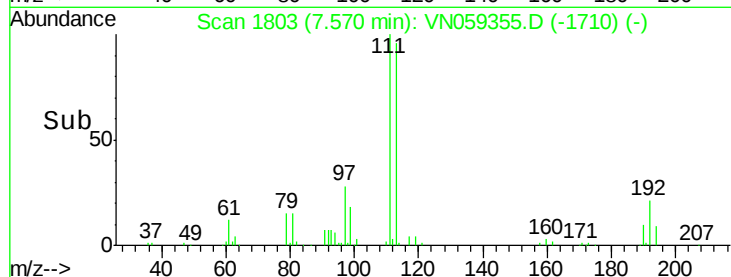
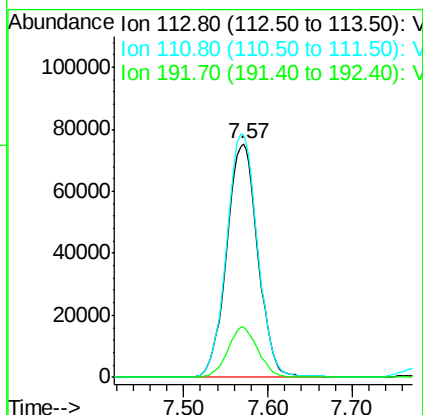
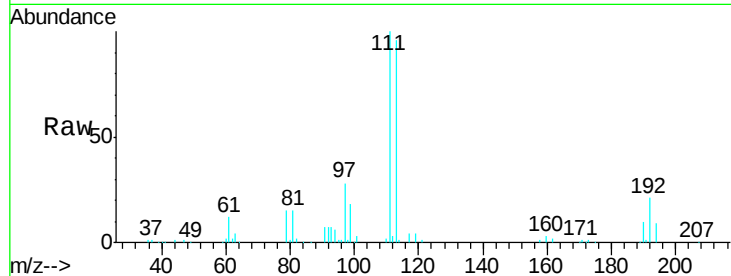




#35
 Dibromofluoromethane
 Concen: 52.915 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

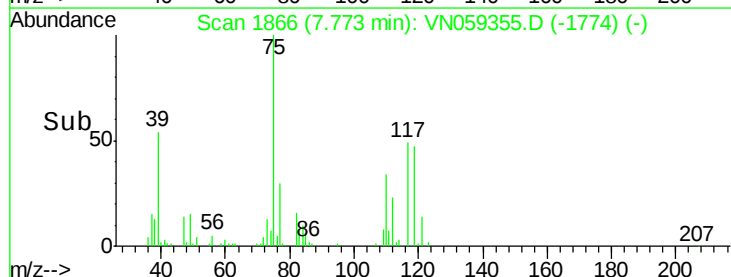
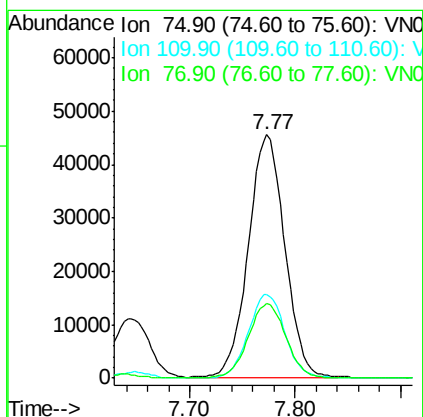
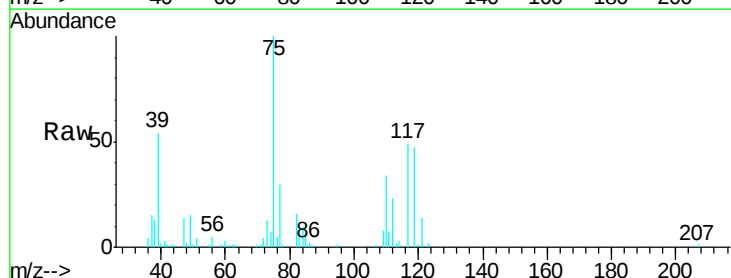
Instrument :
 MSVOA_N
 ClientSampled :
 VN1122WBS01

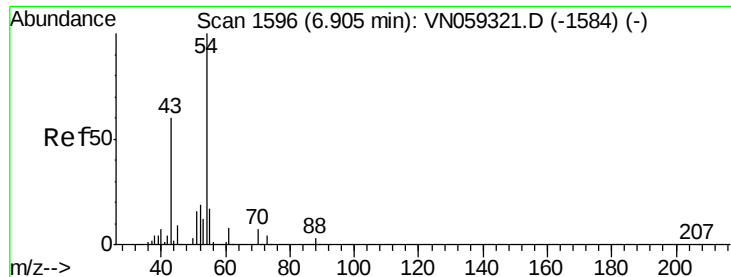
Tgt Ion: 113 Resp: 193353
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.7 124.1
 192 20.8 16.3 24.5



#36
 1,1-Dichloropropene
 Concen: 17.416 ug/l
 RT: 7.77 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion: 75 Resp: 109508
 Ion Ratio Lower Upper
 75 100
 110 34.5 17.0 51.0
 77 31.8 24.8 37.2

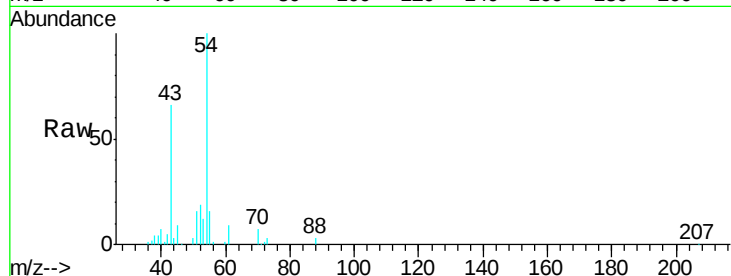




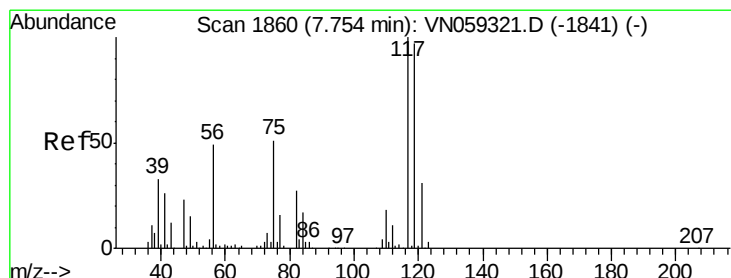
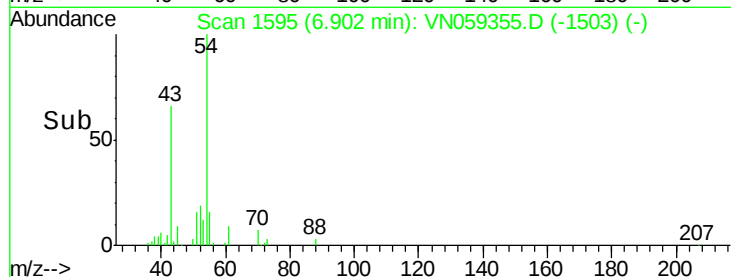
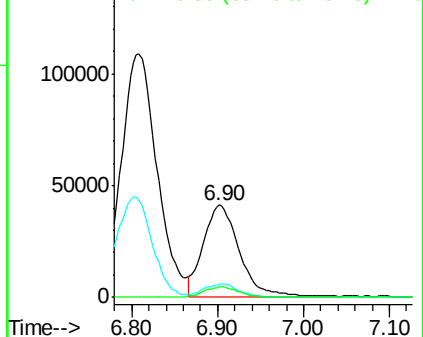
#37
Ethyl Acetate
Concen: 17.595 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 43 Resp: 118898
Ion Ratio Lower Upper
43 100
61 14.2 11.0 16.6
70 10.8 8.8 13.2

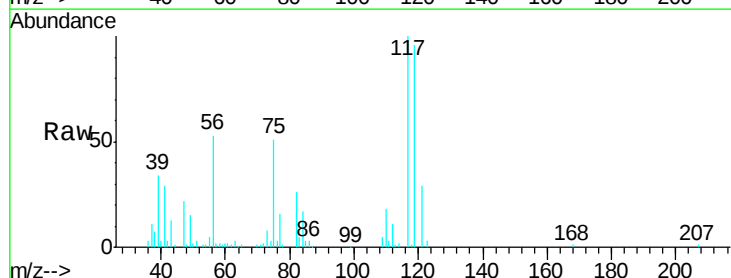


Abundance Ion 43.00 (42.70 to 43.70): VN059321.D (-1584) (-)
Ion 60.90 (60.60 to 61.60): VN059321.D (-1584) (-)
Ion 70.00 (69.70 to 70.70): VN059321.D (-1584) (-)

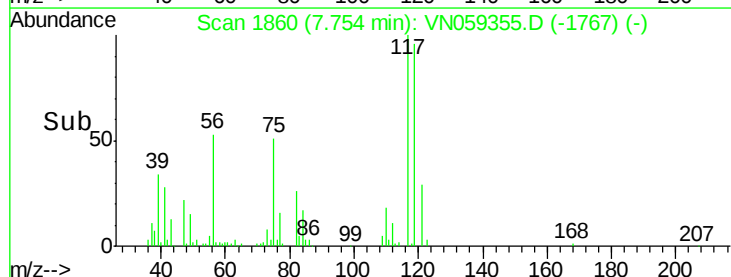
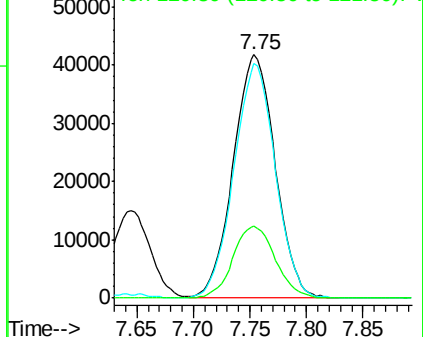


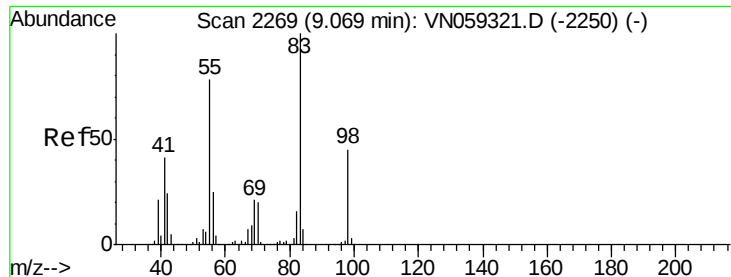
#38
Carbon Tetrachloride
Concen: 17.914 ug/l
RT: 7.75 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 117 Resp: 107831
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.4
121 29.4 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VN059321.D (-1841) (-)
Ion 118.80 (118.50 to 119.50): VN059321.D (-1841) (-)
Ion 120.80 (120.50 to 121.50): VN059321.D (-1841) (-)

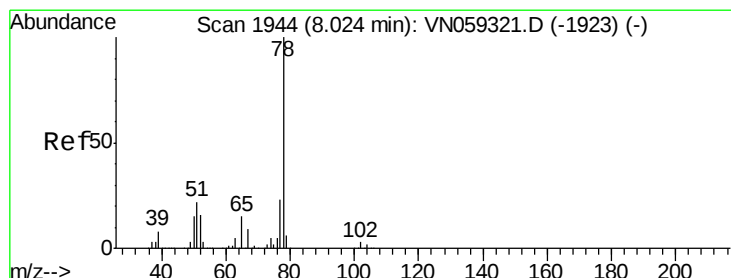
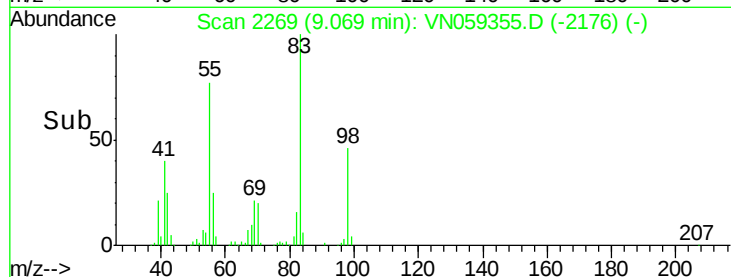
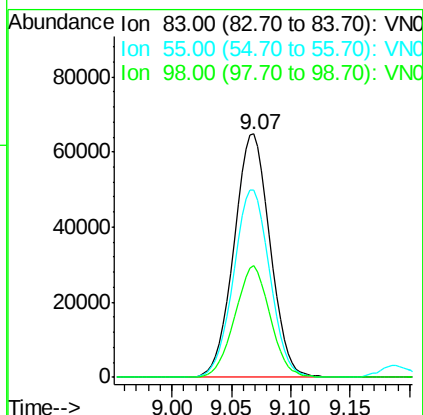
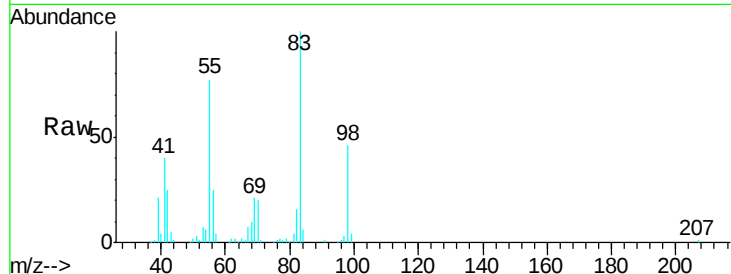




#39
Methylcyclohexane
Concen: 17.962 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

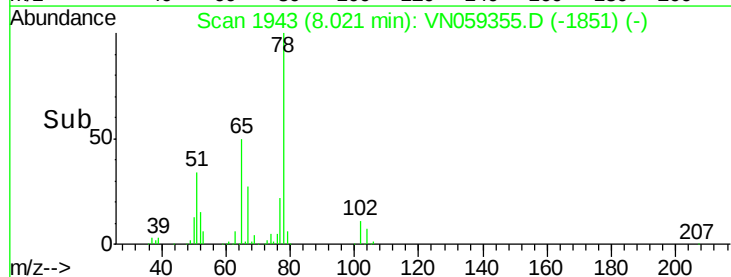
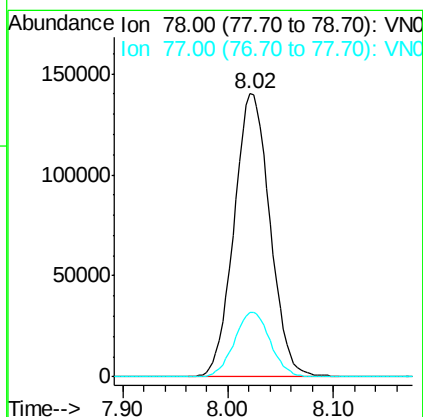
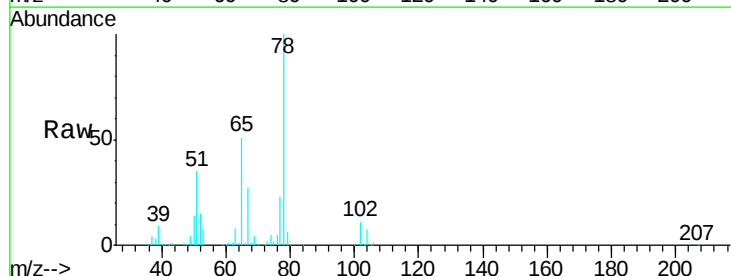
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

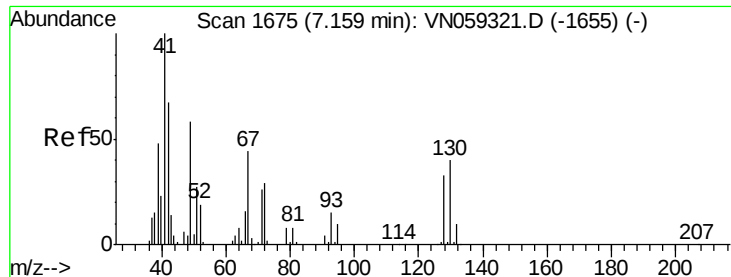
Tgt Ion: 83 Resp: 136188
Ion Ratio Lower Upper
83 100
55 76.8 62.3 93.5
98 45.8 36.0 54.0



#40
Benzene
Concen: 17.982 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 78 Resp: 331842
Ion Ratio Lower Upper
78 100
77 22.7 18.4 27.6

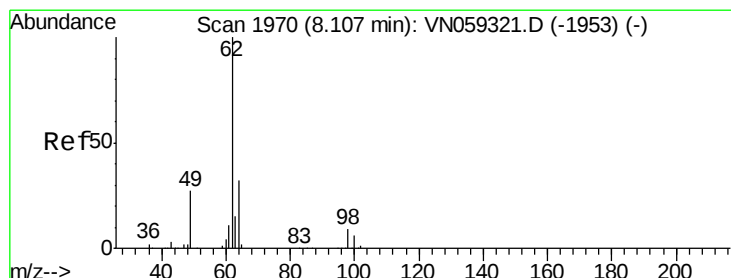
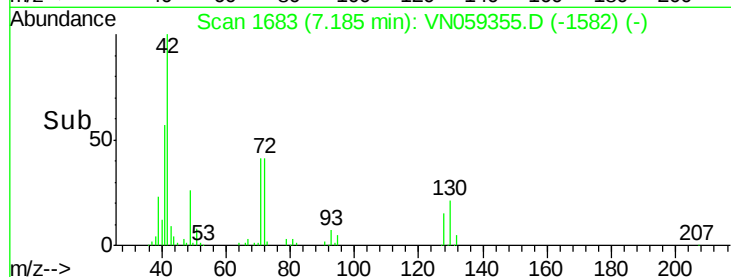
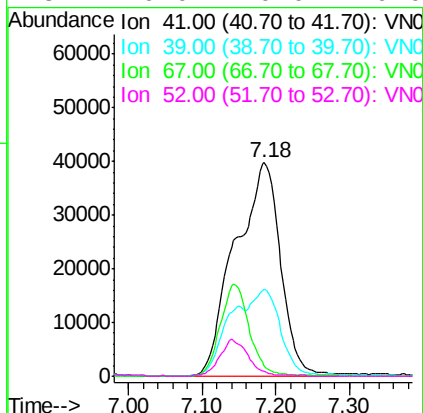
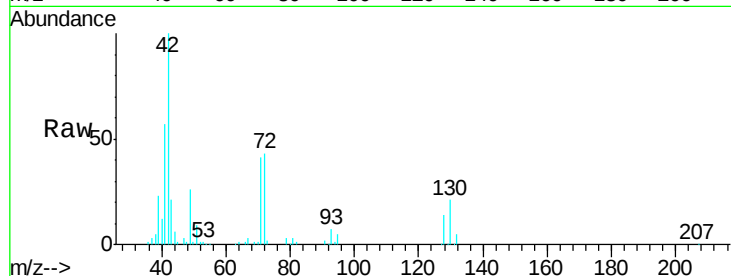




#41
Methacrylonitrile
Concen: 56.769 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

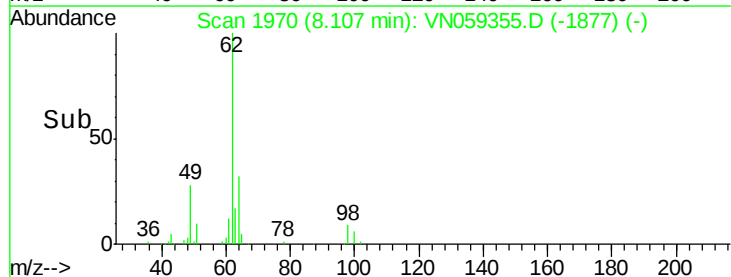
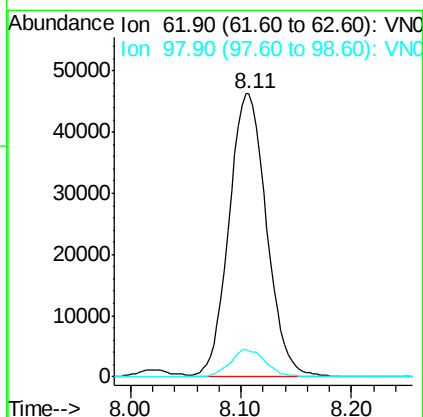
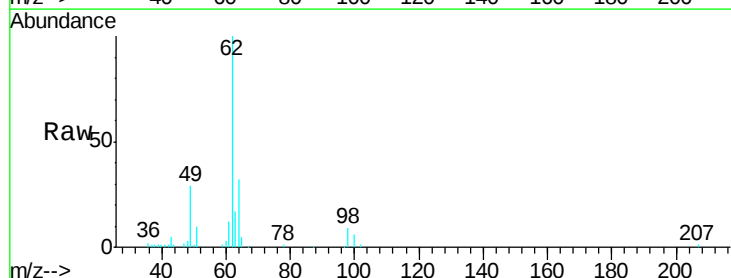
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

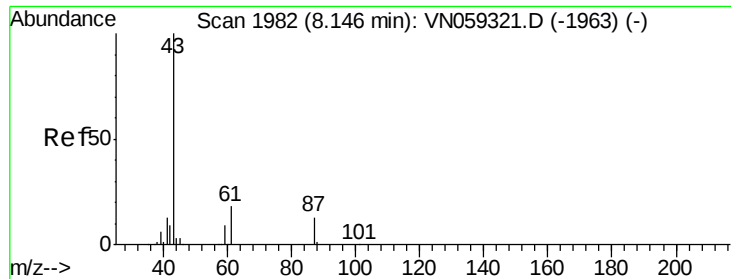
Tgt Ion:	41	Resp:	170297
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 17.910 ug/l
RT: 8.11 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion:	62	Resp:	109310
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6

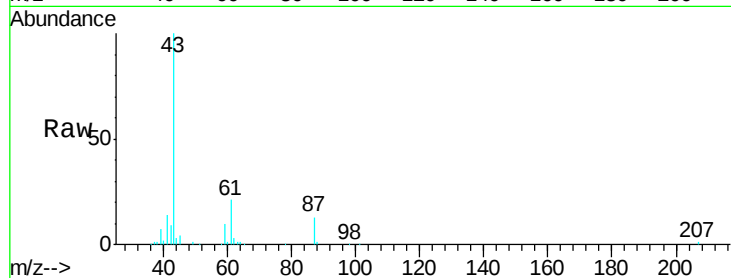




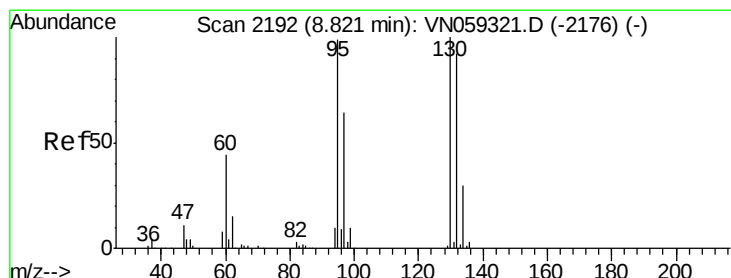
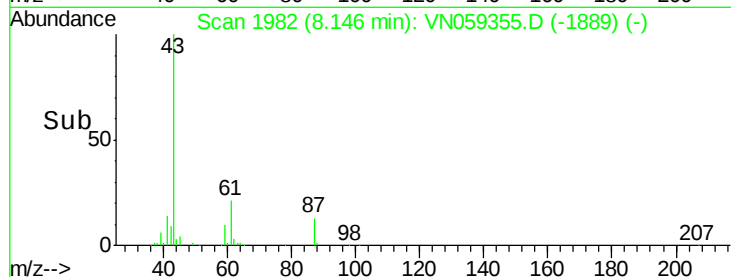
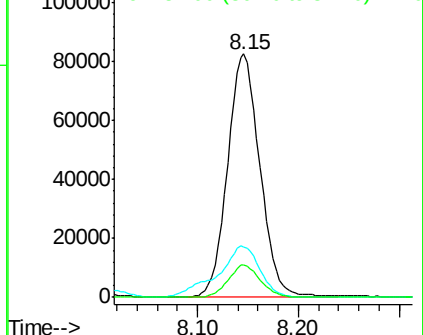
#43
Isopropyl Acetate
Concen: 17.784 ug/l
RT: 8.15 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 43 Resp: 183665
Ion Ratio Lower Upper
43 100
61 26.8 21.7 32.5
87 13.2 10.2 15.4

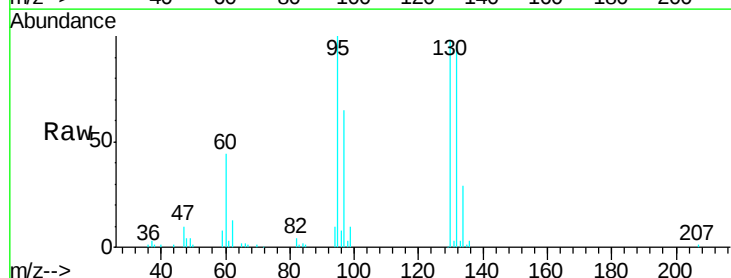


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

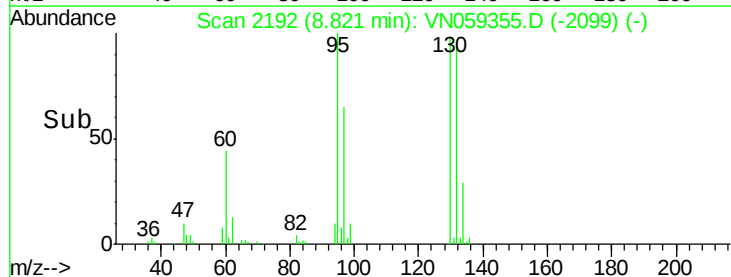
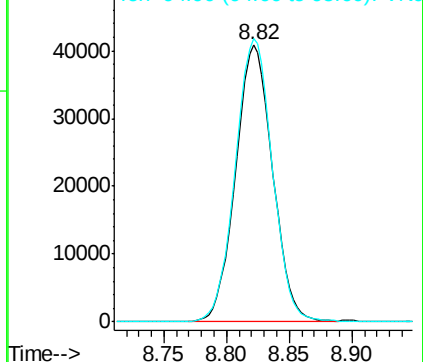


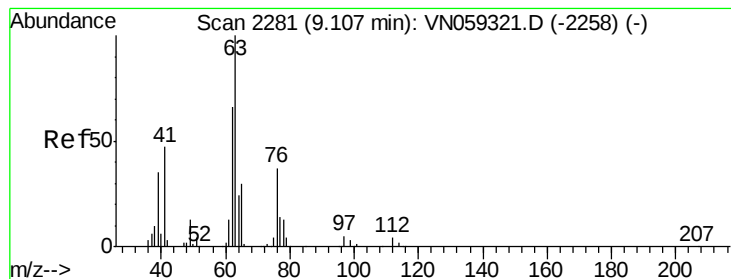
#44
Trichloroethene
Concen: 17.877 ug/l
RT: 8.82 min Scan# 2192
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion:130 Resp: 83613
Ion Ratio Lower Upper
130 100
95 102.1 0.0 198.4



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





#45

1,2-Dichloropropane

Concen: 17.819 ug/l

RT: 9.10 min Scan# 2280

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

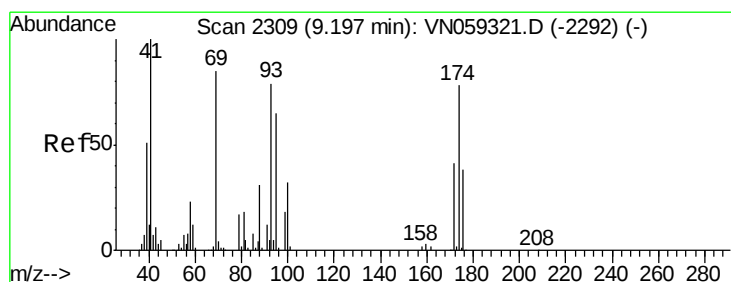
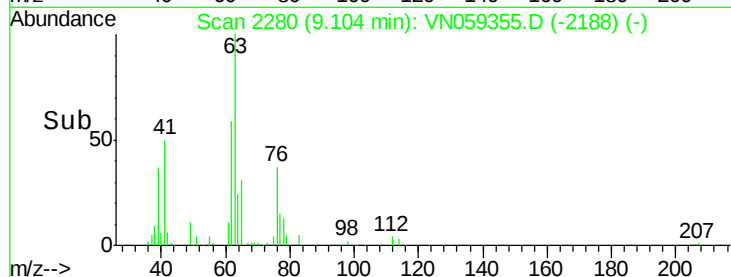
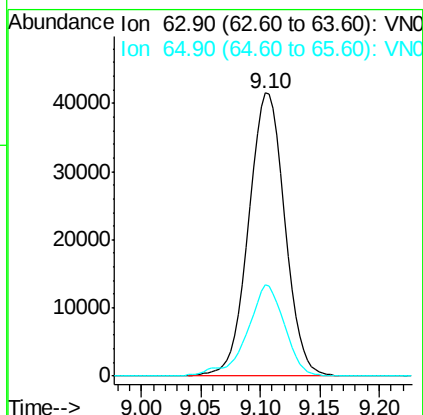
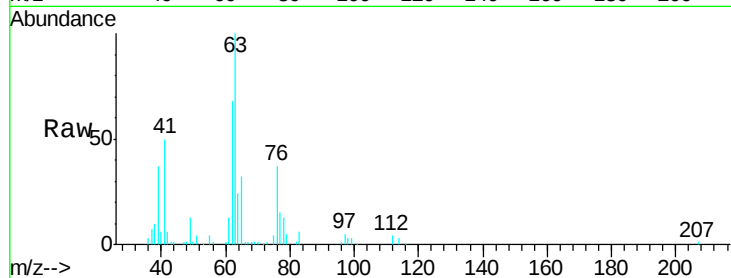
VN1122WBS01

Tgt Ion: 63 Resp: 87685

Ion Ratio Lower Upper

63 100

65 32.2 23.9 35.9



#46

Dibromomethane

Concen: 17.951 ug/l

RT: 9.19 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

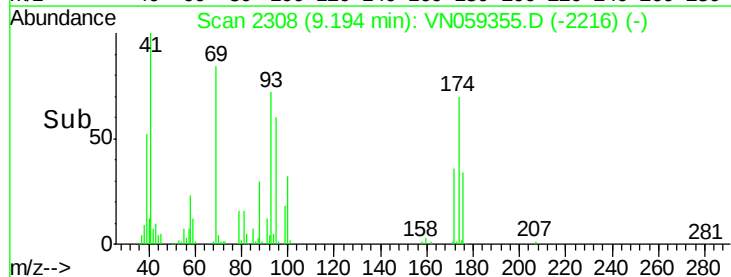
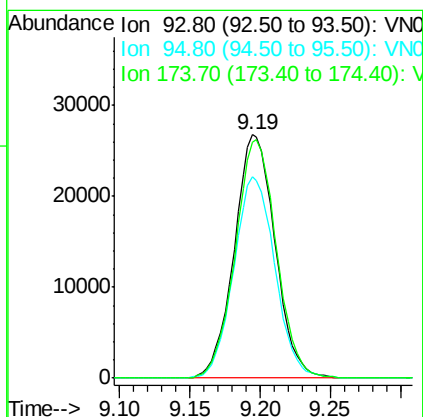
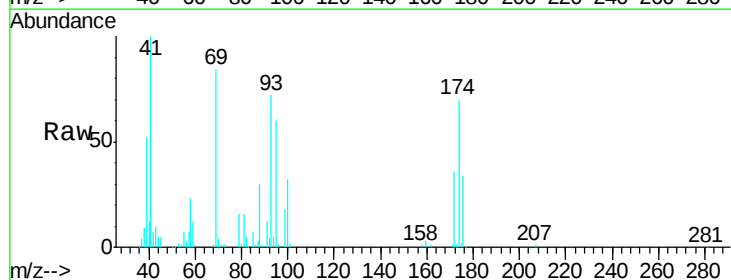
Tgt Ion: 93 Resp: 54185

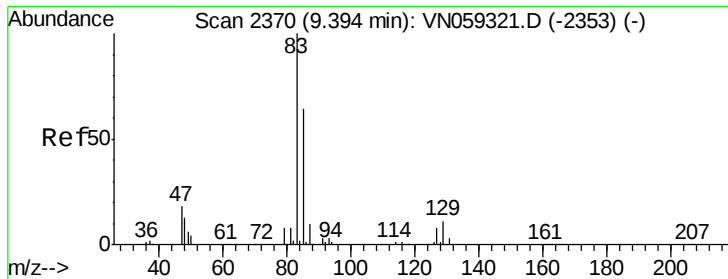
Ion Ratio Lower Upper

93 100

95 83.7 66.9 100.3

174 98.8 80.6 120.8

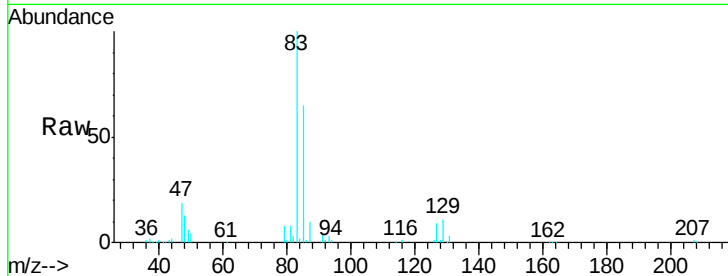




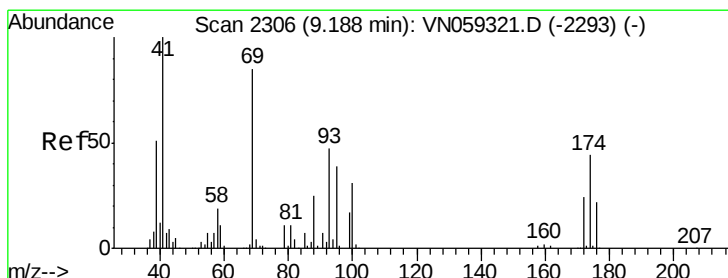
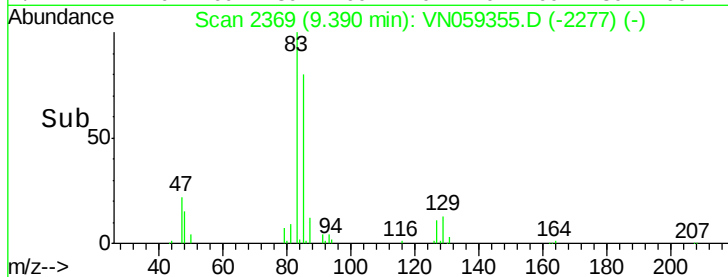
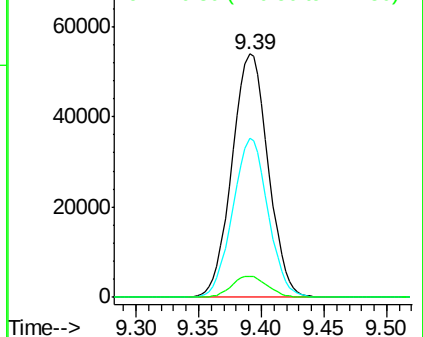
#47
Bromodichloromethane
Concen: 17.934 ug/l
RT: 9.39 min Scan# 2369
Delta R.T. -0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion: 83 Resp: 108414
Ion Ratio Lower Upper
83 100
85 65.1 51.5 77.3
127 8.6 6.6 10.0

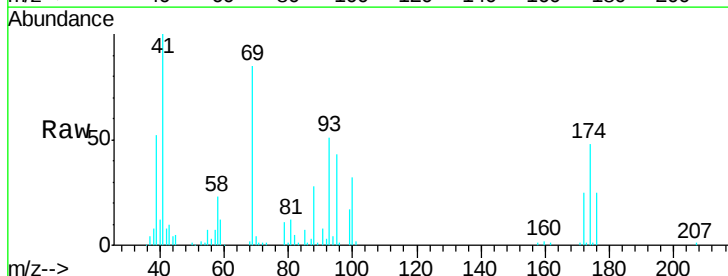


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

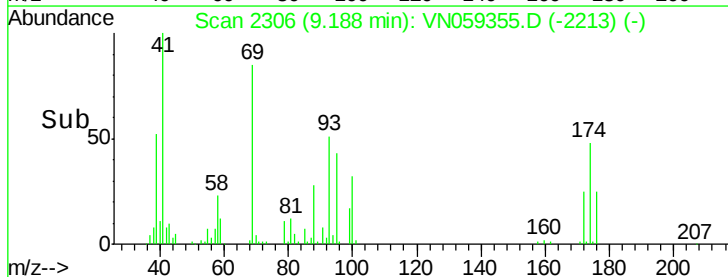
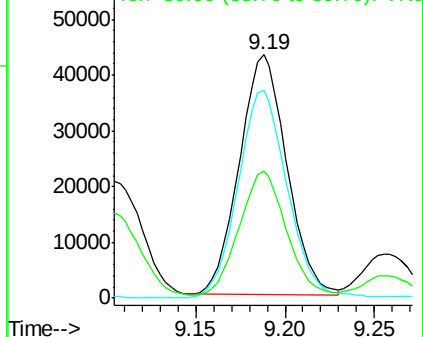


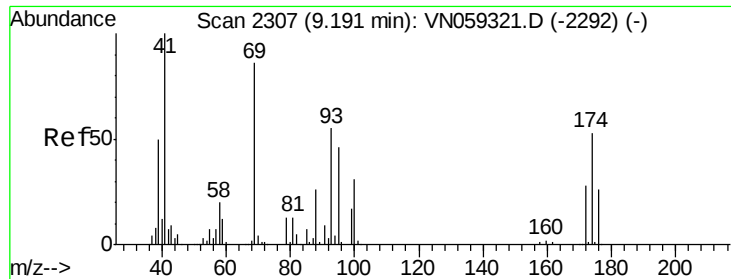
#48
Methyl methacrylate
Concen: 17.078 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 41 Resp: 80203
Ion Ratio Lower Upper
41 100
69 89.8 68.8 103.2
39 52.8 42.1 63.1



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

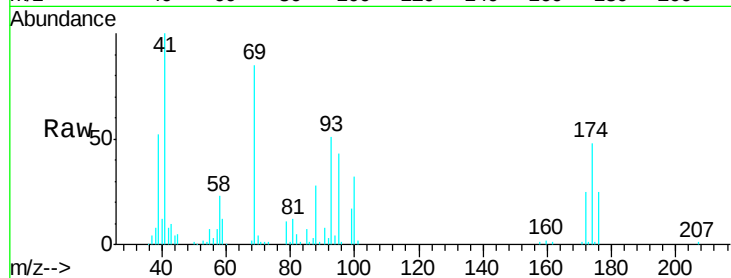




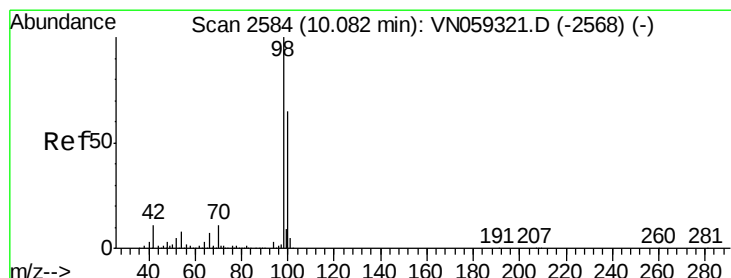
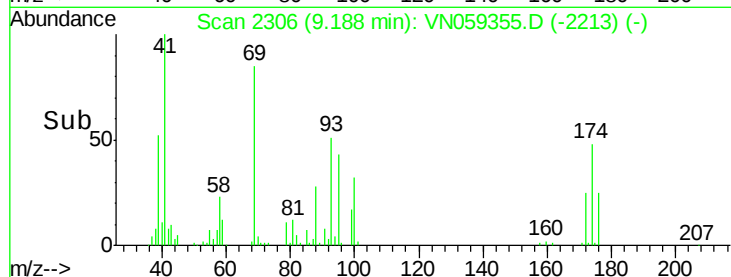
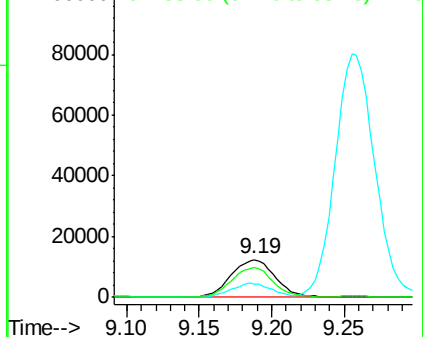
#49
1,4-Dioxane
Concen: 373.264 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. -0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Instrument :
MSVOA_N
ClientSampled :
VN1122WBS01

Tgt Ion: 88 Resp: 26346
Ion Ratio Lower Upper
88 100
43 35.0 26.9 40.3
58 76.2 59.2 88.8

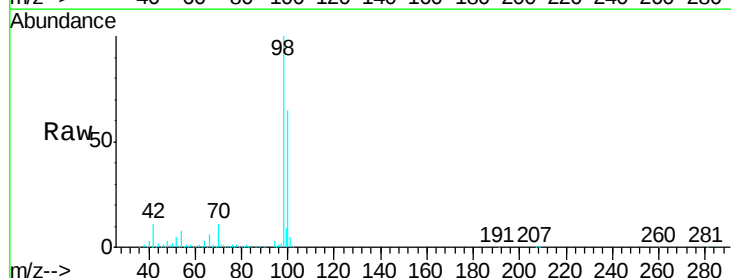


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

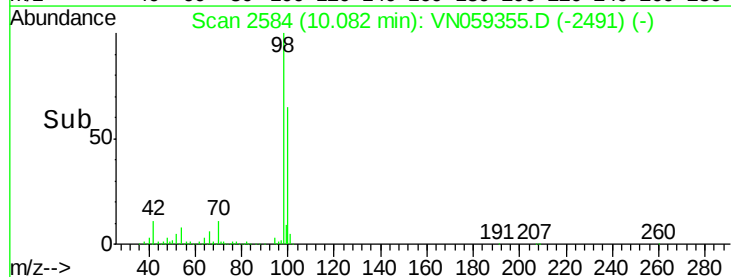
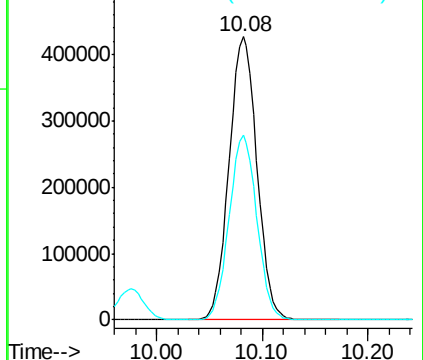


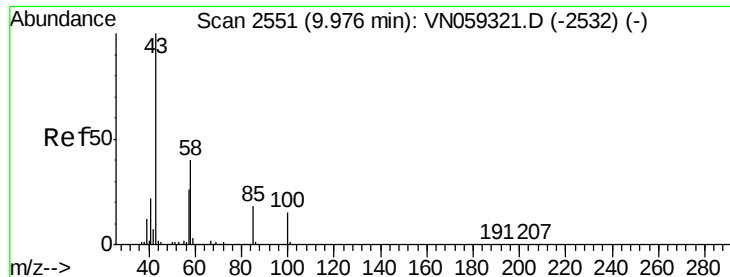
#50
Toluene-d8
Concen: 53.739 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 98 Resp: 780640
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5



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

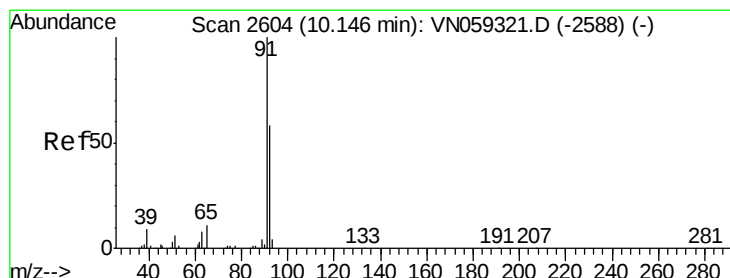
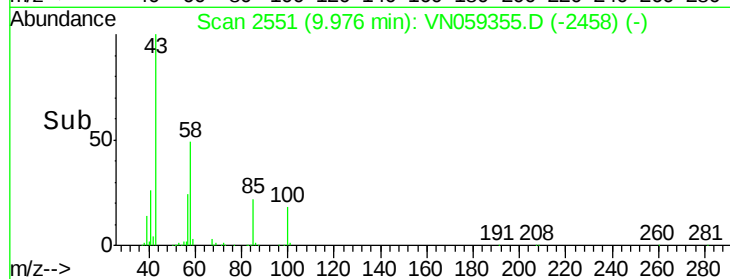
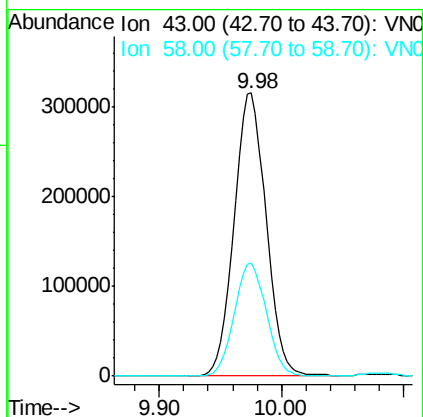
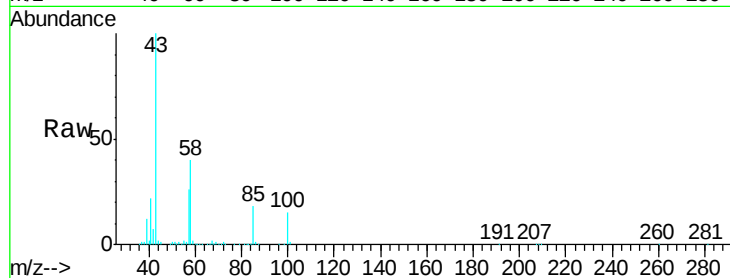




#51
 4-Methyl-2-Pentanone
 Concen: 94.713 ug/l
 RT: 9.98 min Scan# 2551
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

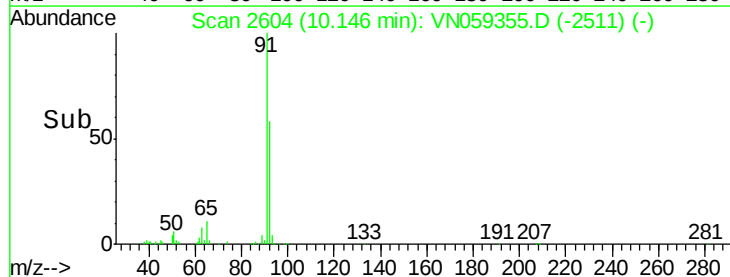
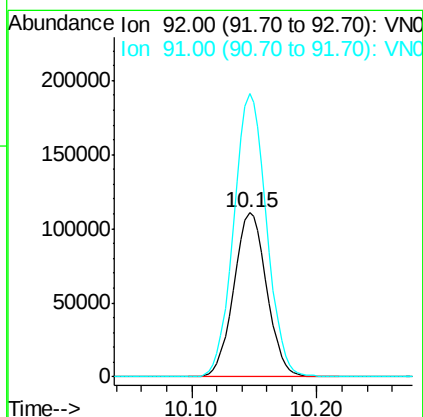
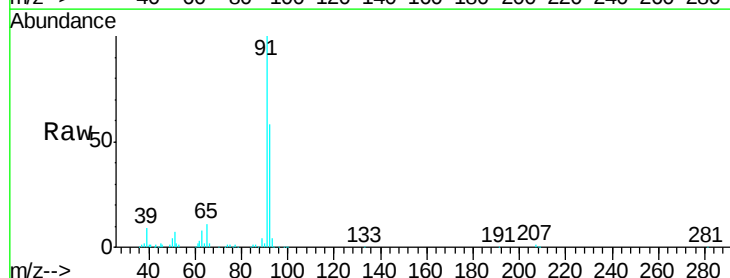
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

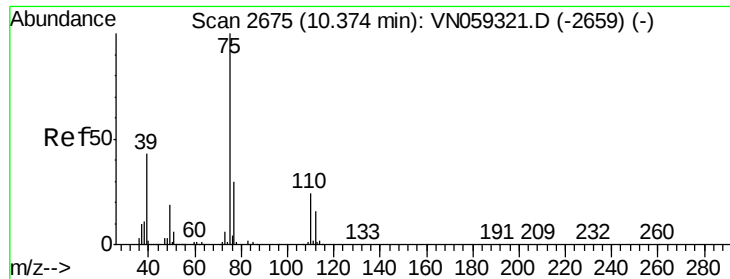
Tgt Ion: 43 Resp: 572527
 Ion Ratio Lower Upper
 43 100
 58 40.2 31.8 47.8



#52
 Toluene
 Concen: 18.180 ug/l
 RT: 10.15 min Scan# 2604
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion: 92 Resp: 201733
 Ion Ratio Lower Upper
 92 100
 91 171.9 137.9 206.9





#53

t-1,3-Dichloropropene

Concen: 17.579 ug/l

RT: 10.37 min Scan# 2675

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

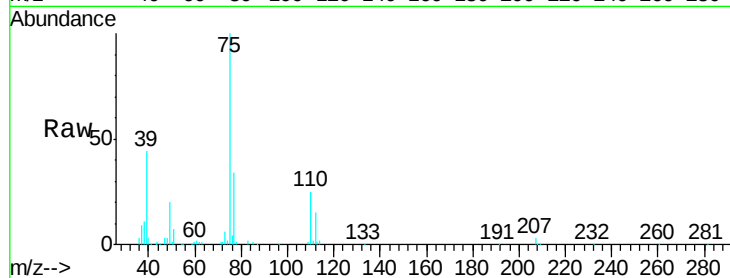
VN1122WBS01

Tgt Ion: 75 Resp: 123533

Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.37

80000

60000

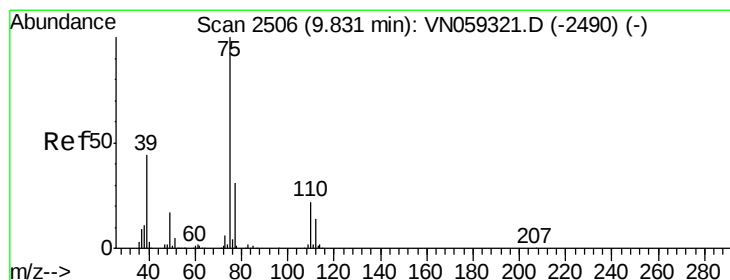
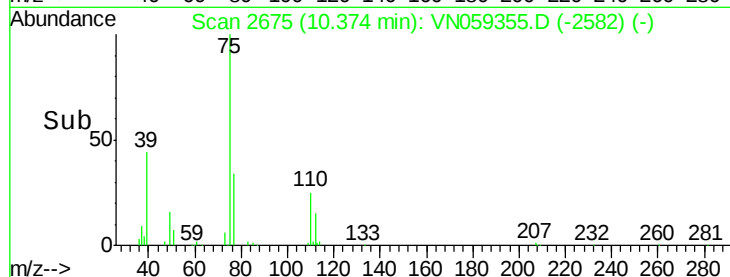
40000

20000

0

10.30 10.40 10.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.043 ug/l

RT: 9.83 min Scan# 2506

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

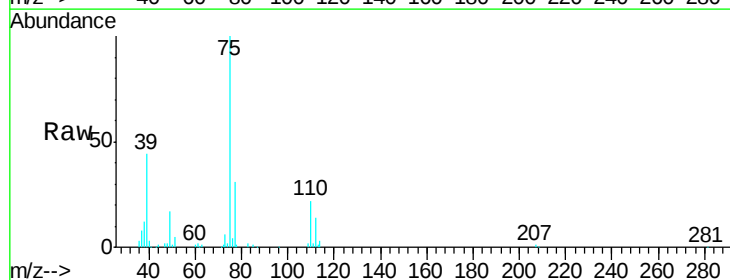
Tgt Ion: 75 Resp: 137581

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 44.0 35.5 53.3



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

9.83

100000

80000

60000

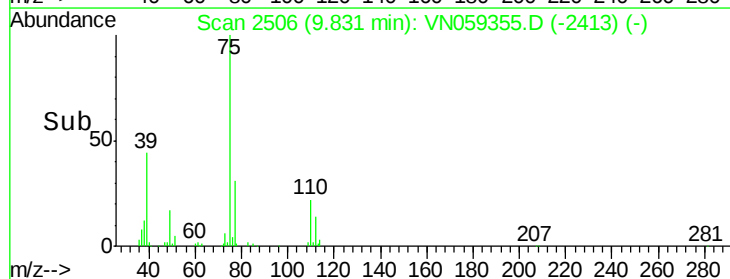
40000

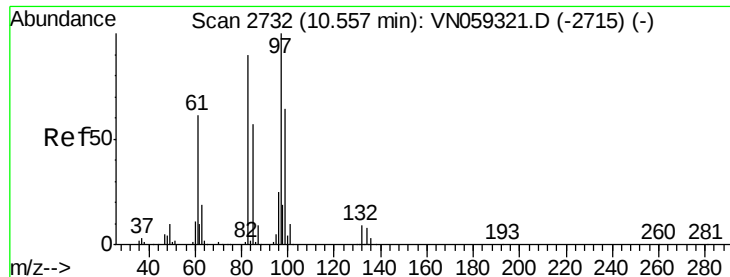
20000

0

9.75 9.80 9.85 9.90 9.95

Time-->





#55

1,1,2-Trichloroethane

Concen: 18.141 ug/l

RT: 10.55 min Scan# 2731

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

Tgt Ion: 97 Resp: 78268

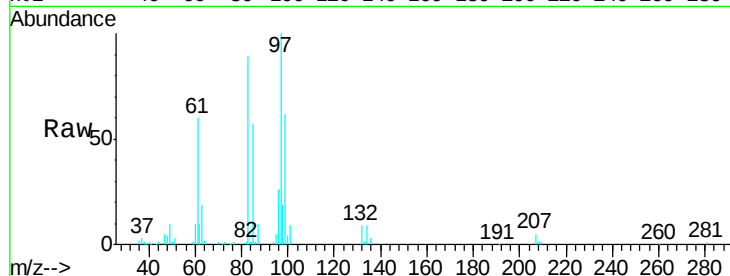
Ion Ratio Lower Upper

97 100

83 88.7 72.0 108.0

85 57.0 45.8 68.6

99 61.5 51.0 76.4

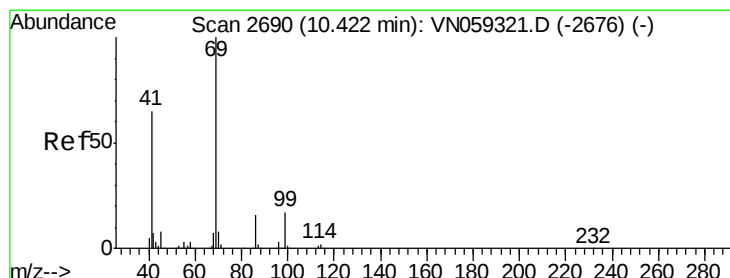
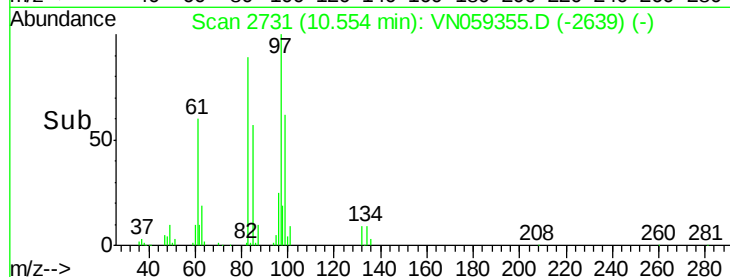
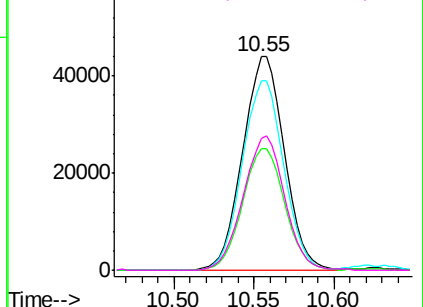


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 17.597 ug/l

RT: 10.42 min Scan# 2690

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

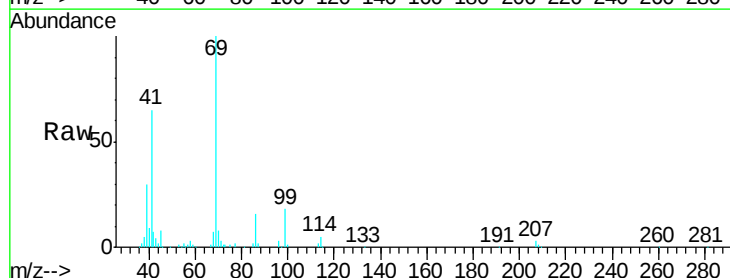
Tgt Ion: 69 Resp: 117389

Ion Ratio Lower Upper

69 100

41 64.2 51.7 77.5

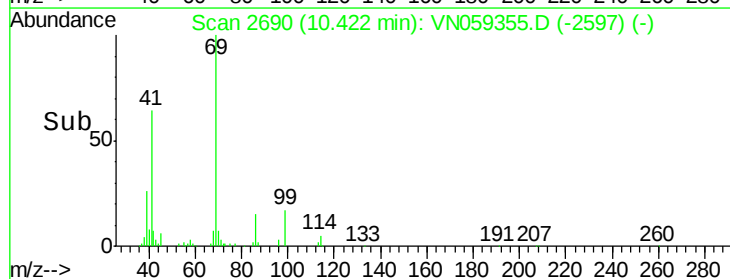
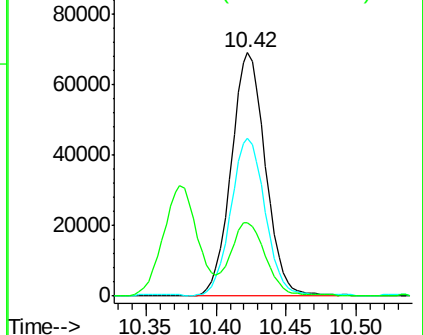
39 31.7 25.2 37.8

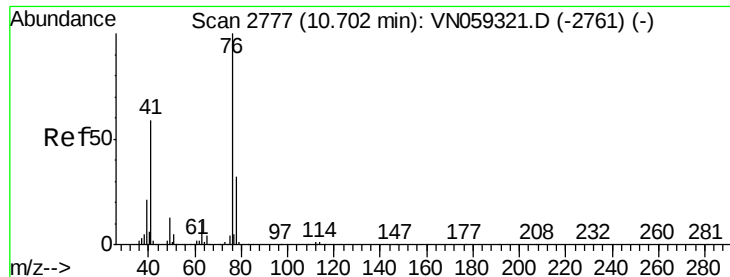


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.172 ug/l

RT: 10.70 min Scan# 2777

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

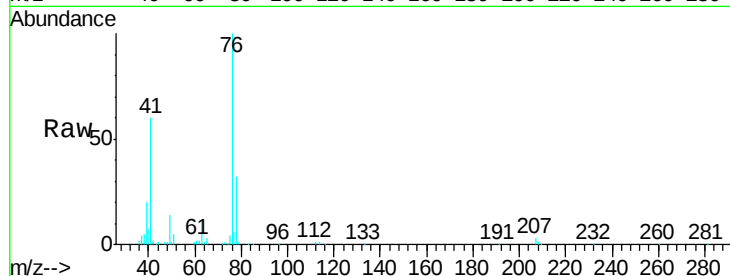
VN1122WBS01

Tgt Ion: 76 Resp: 136645

Ion Ratio Lower Upper

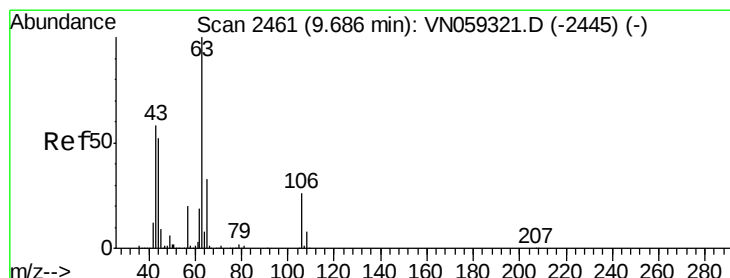
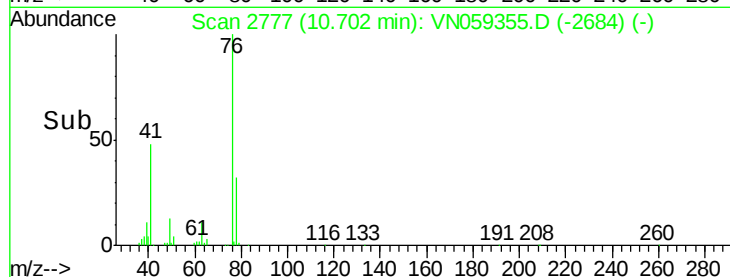
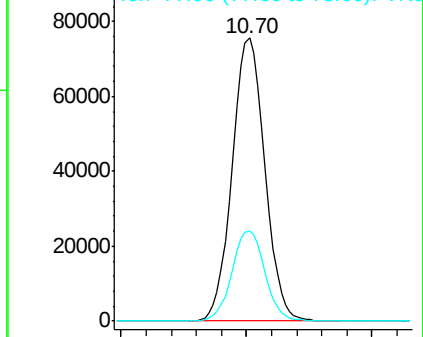
76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 94.817 ug/l

RT: 9.69 min Scan# 2461

Delta R.T. 0.00 min

Lab File: VN059355.D

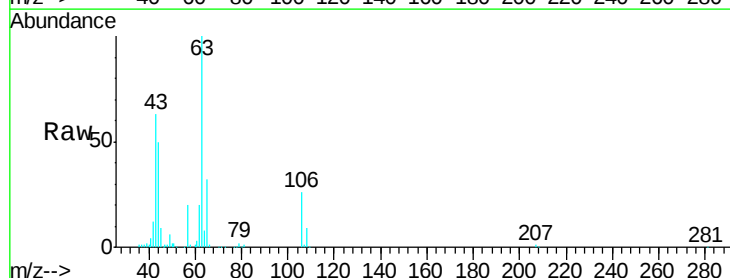
Acq: 22 Nov 2019 11:45

Tgt Ion: 63 Resp: 211974

Ion Ratio Lower Upper

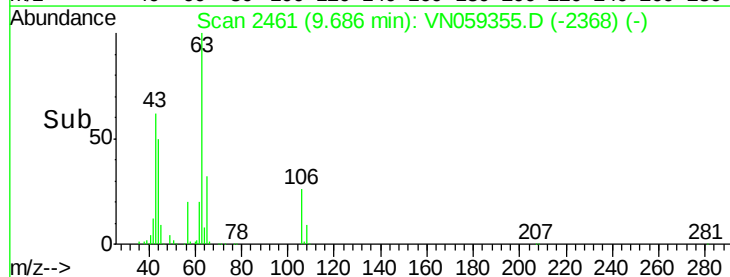
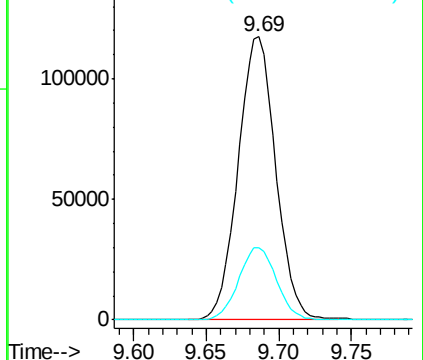
63 100

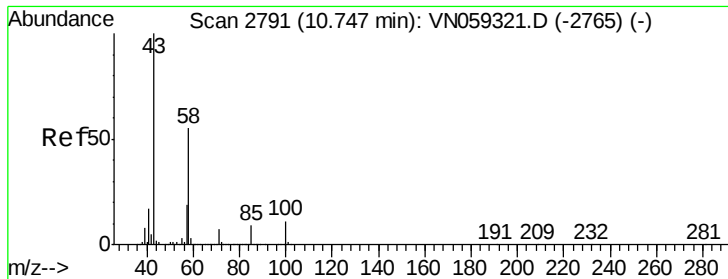
106 25.7 20.5 30.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

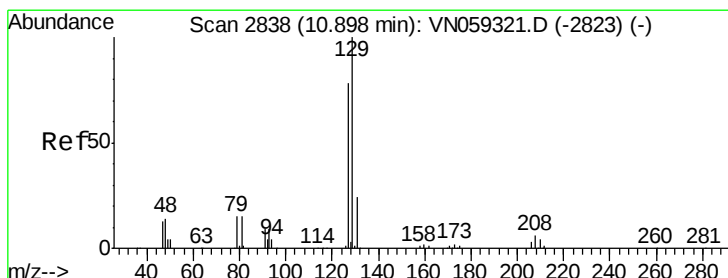
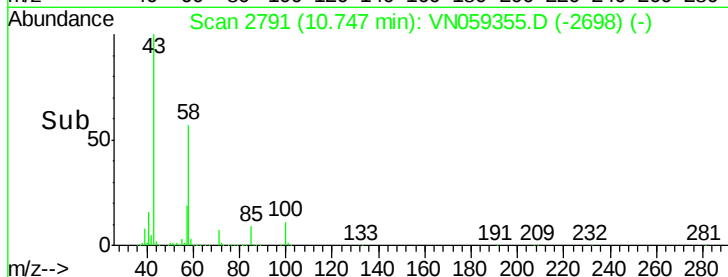
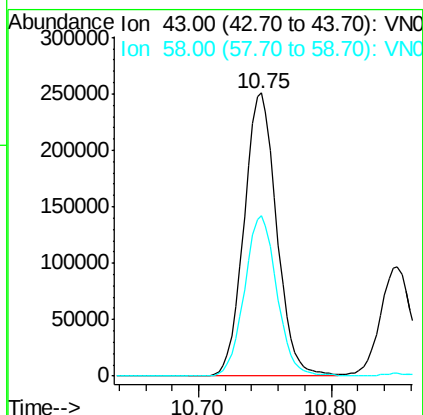
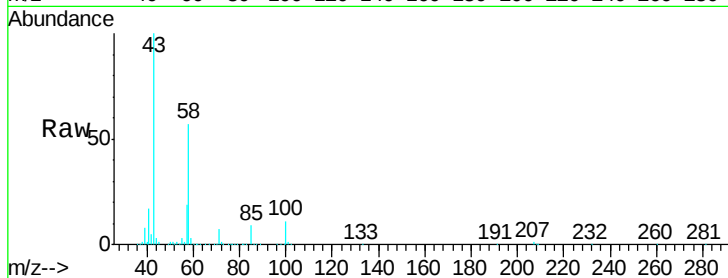




#59
2-Hexanone
Concen: 96.847 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

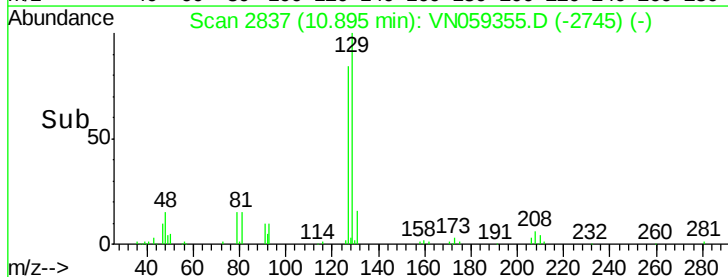
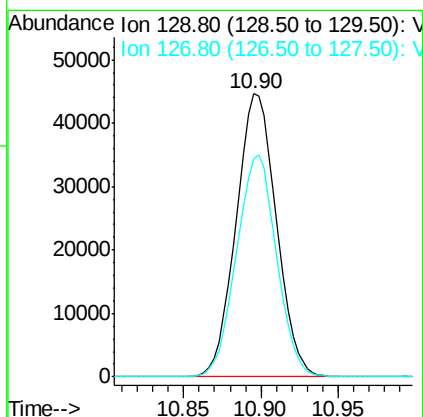
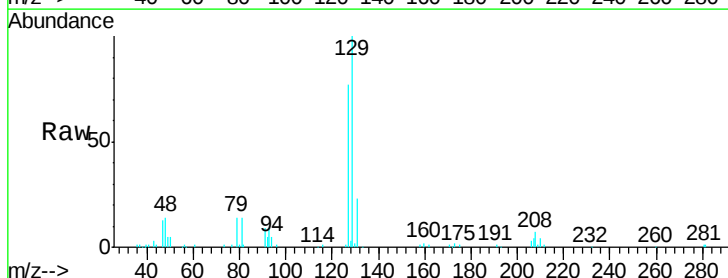
Instrument :
MSVOA_N
ClientSampled :
VN1122WBS01

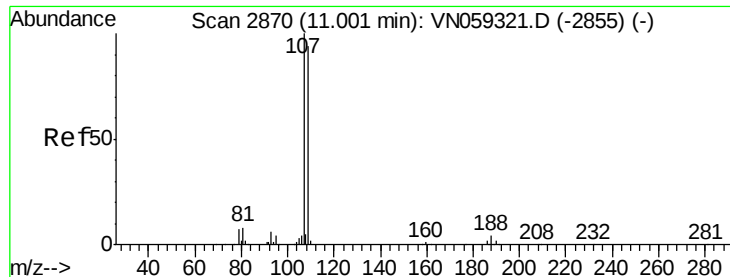
Tgt Ion: 43 Resp: 428678
Ion Ratio Lower Upper
43 100
58 56.4 27.7 83.0



#60
Dibromochloromethane
Concen: 17.771 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. -0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 129 Resp: 80794
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 17.837 ug/l

RT: 11.00 min Scan# 2870

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

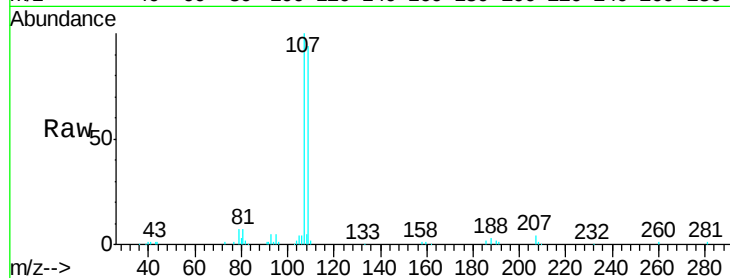
VN1122WBS01

Tgt Ion: 107 Resp: 80073

Ion Ratio Lower Upper

107 100

109 94.2 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.00

50000

40000

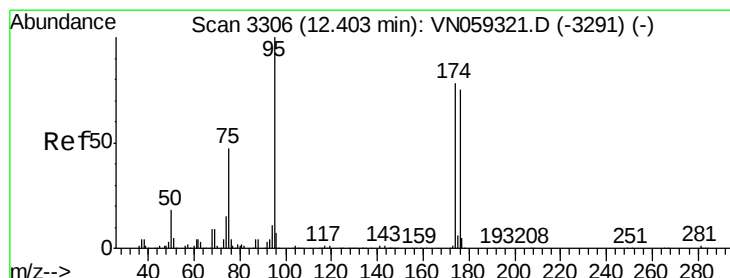
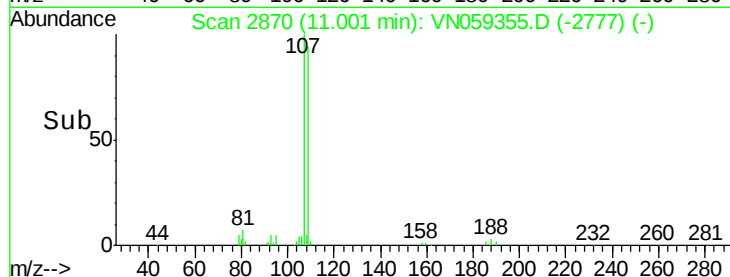
30000

20000

10000

0

Time--> 10.90 11.00 11.10



#62

4-Bromofluorobenzene

Concen: 53.527 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

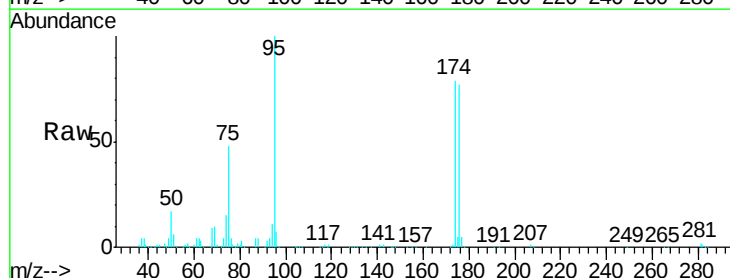
Tgt Ion: 95 Resp: 271876

Ion Ratio Lower Upper

95 100

174 78.8 0.0 157.4

176 76.7 0.0 151.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

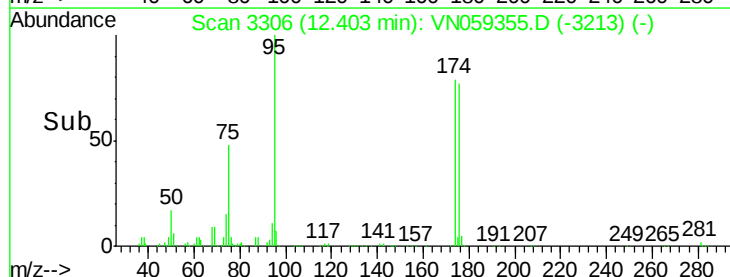
150000

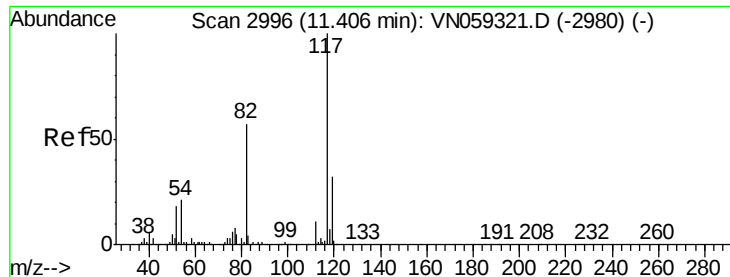
100000

50000

0

Time--> 12.30 12.40 12.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

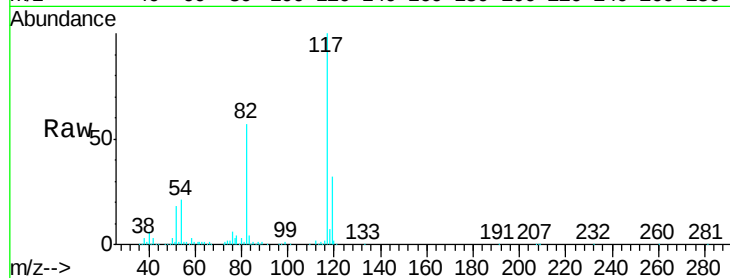
Tgt Ion:117 Resp: 536132

Ion Ratio Lower Upper

117 100

82 57.0 45.7 68.5

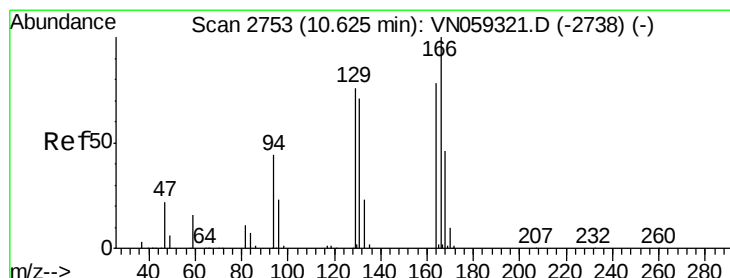
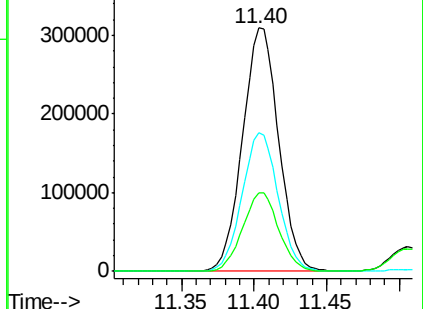
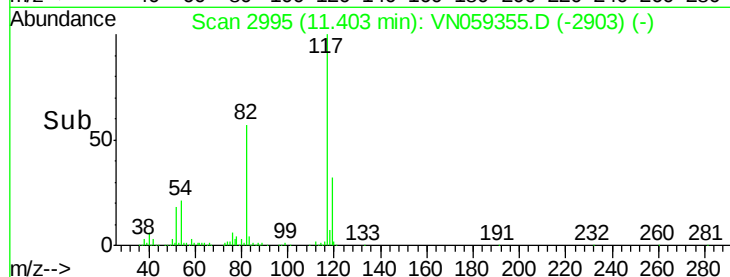
119 32.2 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.034 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Tgt Ion:164 Resp: 78924

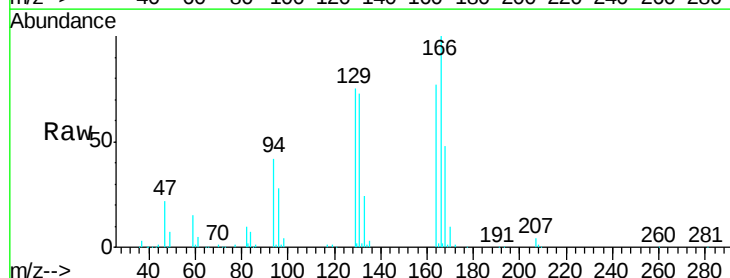
Ion Ratio Lower Upper

164 100

166 129.3 102.9 154.3

129 96.5 78.2 117.2

131 94.0 72.6 109.0

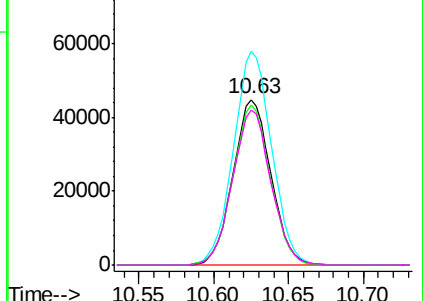
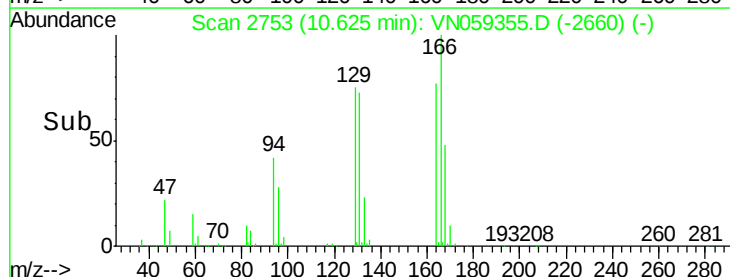


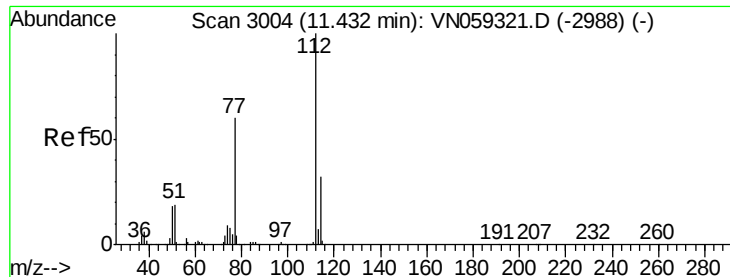
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.085 ug/l

RT: 11.43 min Scan# 3003

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampled :

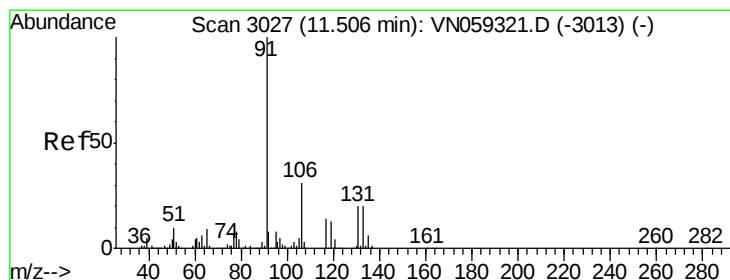
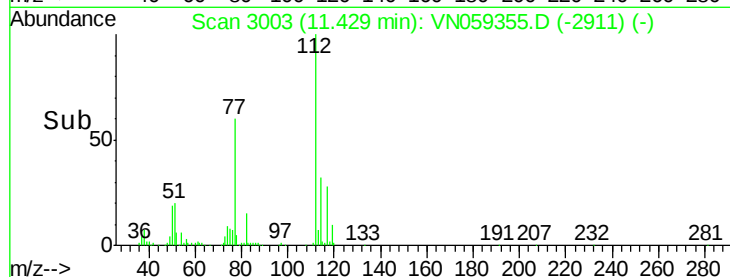
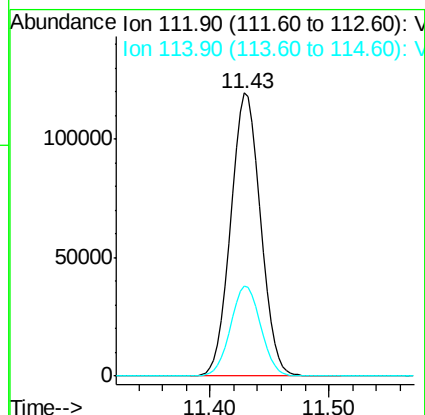
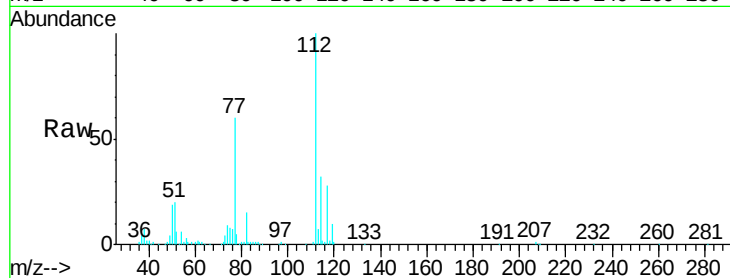
VN1122WBS01

Tgt Ion:112 Resp: 208482

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.398 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

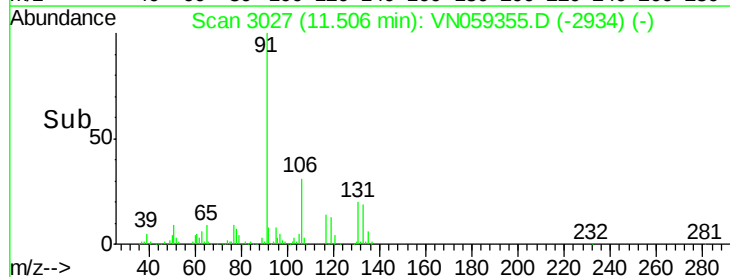
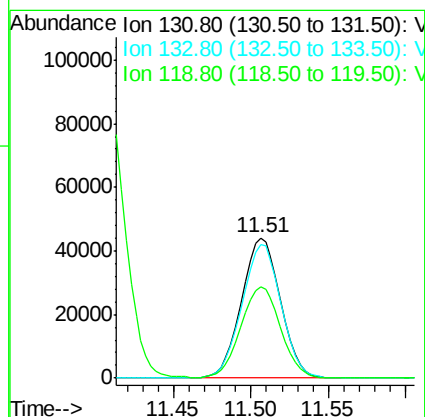
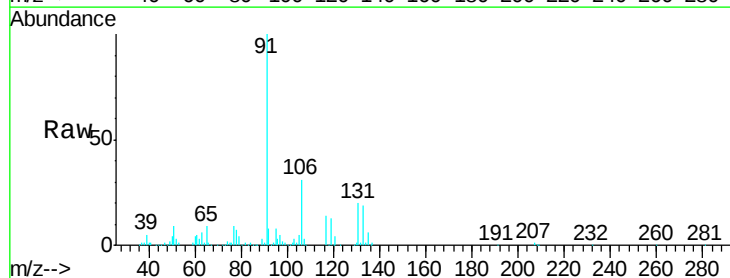
Tgt Ion:131 Resp: 77049

Ion Ratio Lower Upper

131 100

133 96.3 48.2 144.6

119 66.8 33.6 100.6





#67

Ethyl Benzene

Concen: 18.525 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

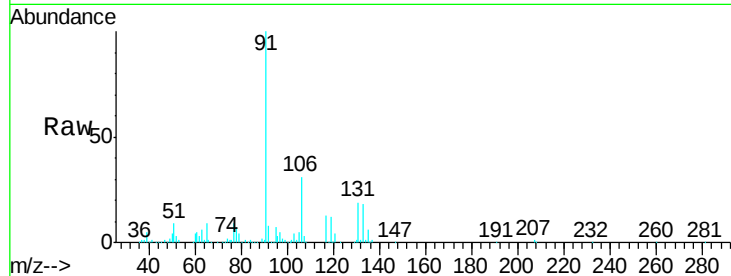
VN1122WBS01

Tgt Ion: 91 Resp: 381301

Ion Ratio Lower Upper

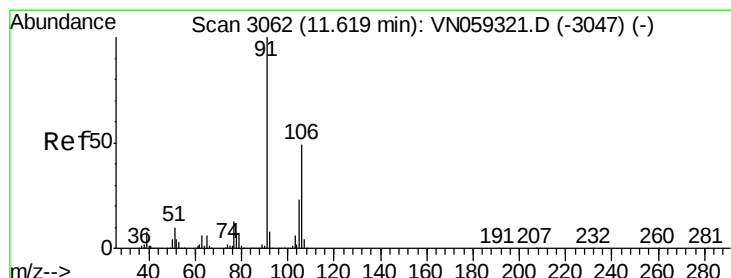
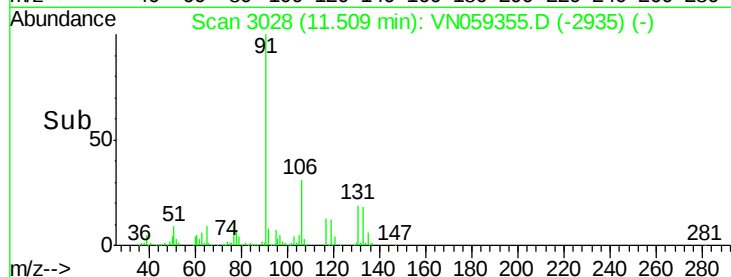
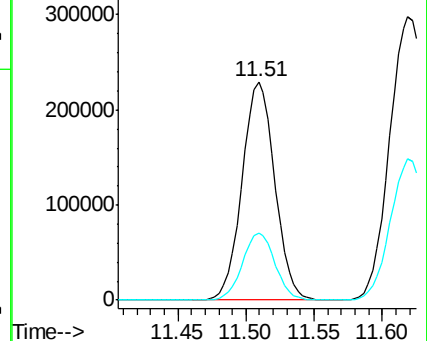
91 100

106 30.7 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 36.950 ug/l

RT: 11.62 min Scan# 3062

Delta R.T. 0.00 min

Lab File: VN059355.D

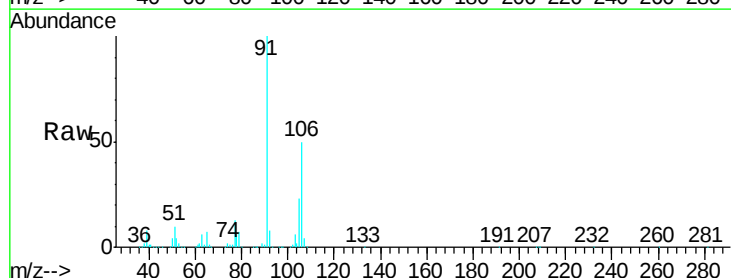
Acq: 22 Nov 2019 11:45

Tgt Ion: 106 Resp: 282602

Ion Ratio Lower Upper

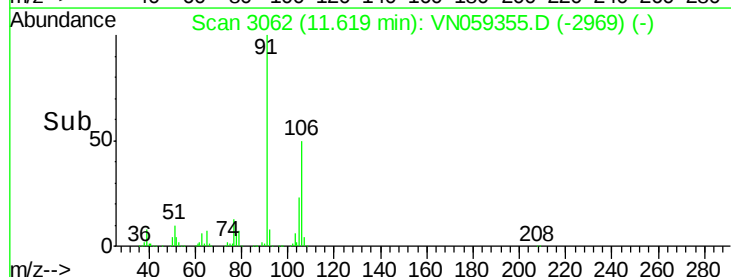
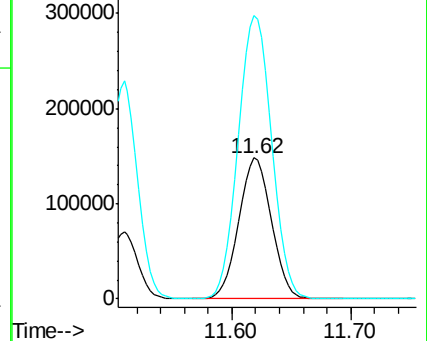
106 100

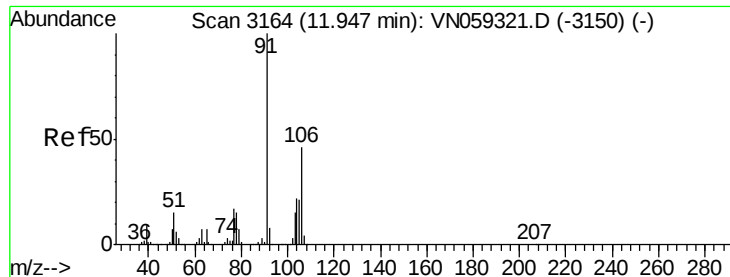
91 205.4 163.2 244.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN0

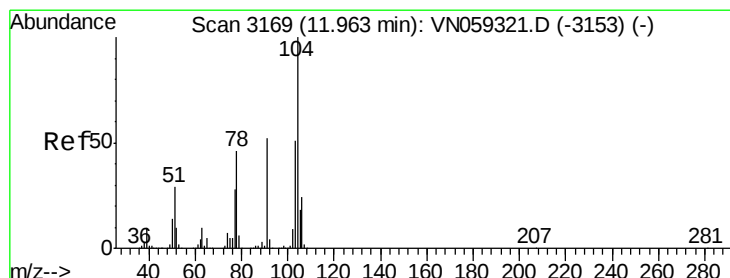
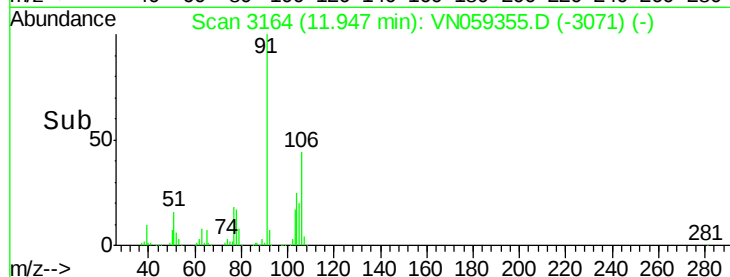
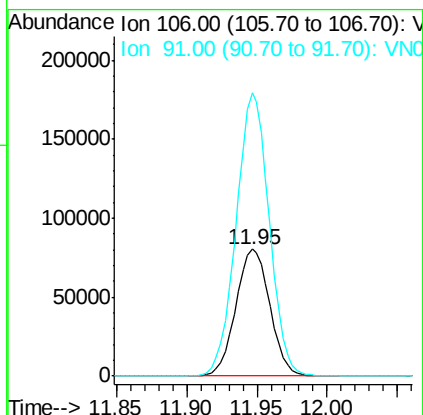
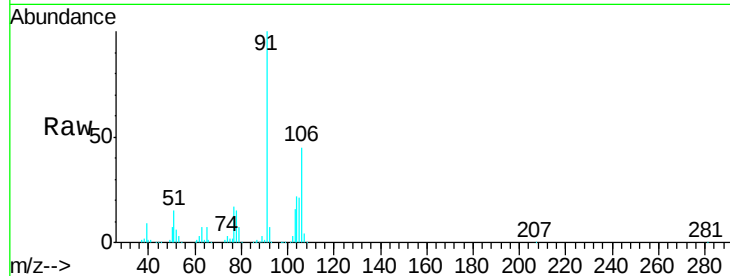




#69
o-Xylene
Concen: 18.552 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

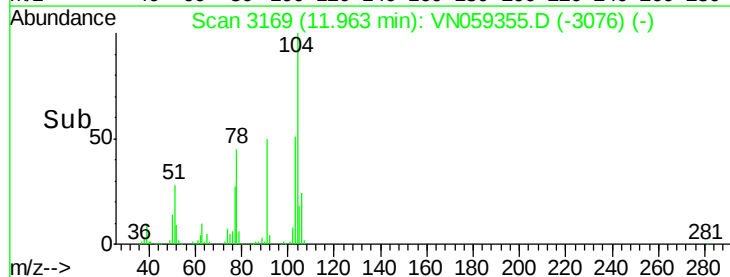
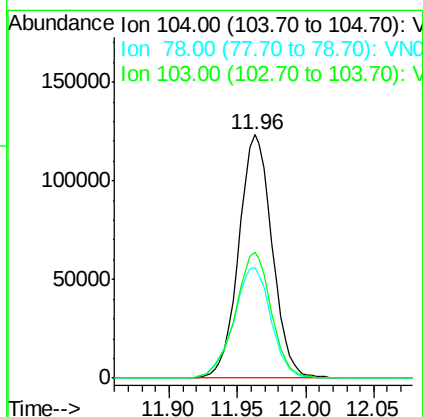
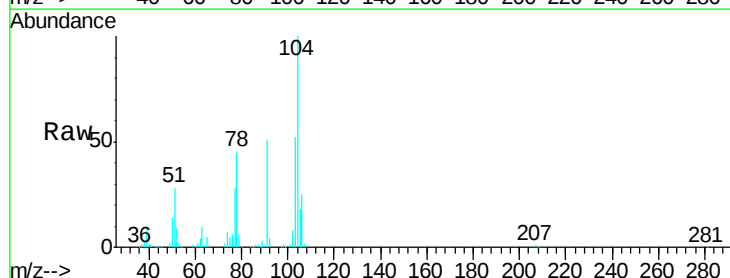
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

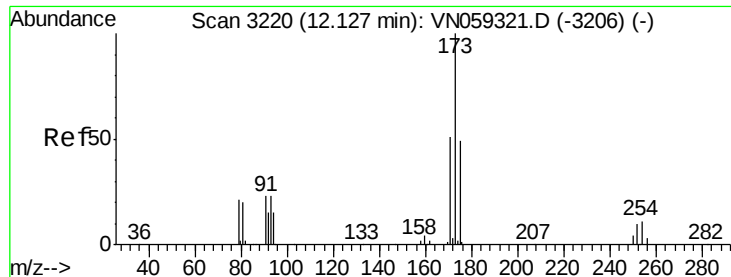
Tgt Ion:106 Resp: 135841
Ion Ratio Lower Upper
106 100
91 217.0 109.3 327.9



#70
Styrene
Concen: 18.153 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion:104 Resp: 209728
Ion Ratio Lower Upper
104 100
78 50.8 40.3 60.5
103 55.6 43.6 65.4





#71

Bromoform

Concen: 18.300 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

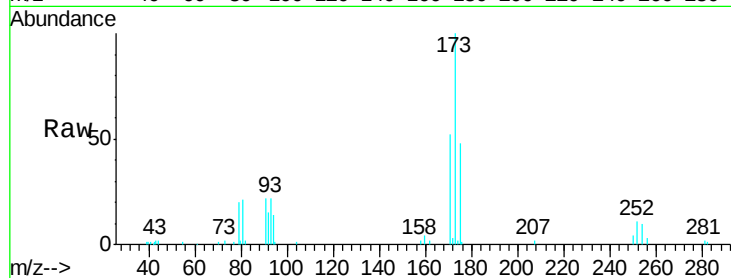
Tgt Ion:173 Resp: 58043

Ion Ratio Lower Upper

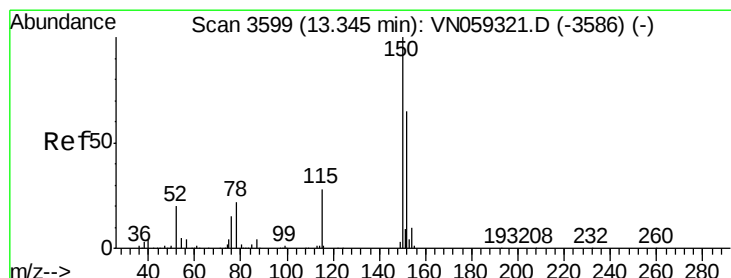
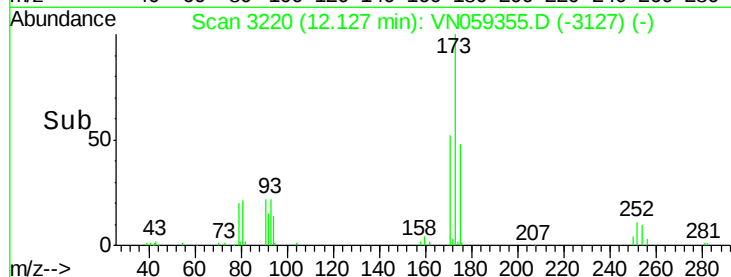
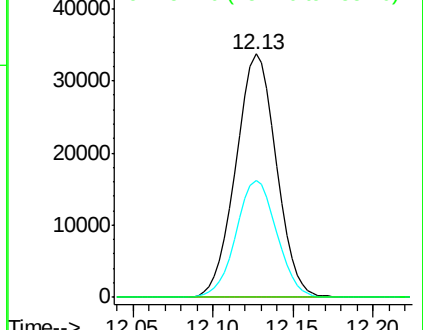
173 100

175 48.3 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

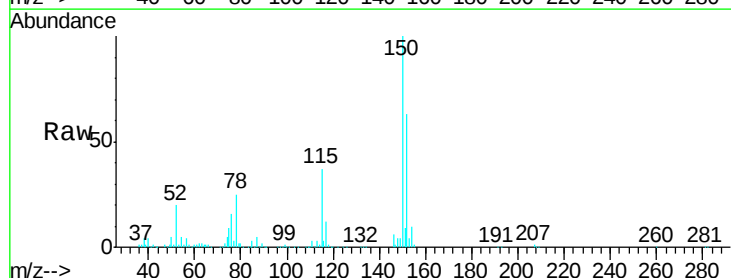
Tgt Ion:152 Resp: 240918

Ion Ratio Lower Upper

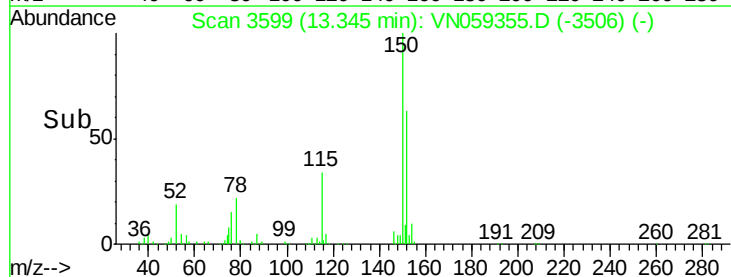
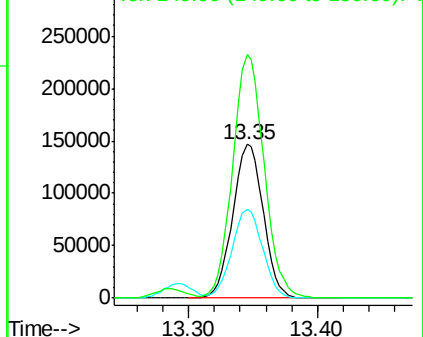
152 100

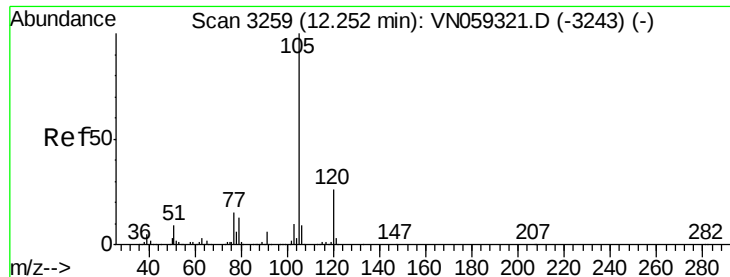
115 58.4 29.3 88.0

150 163.5 0.0 346.0



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: 18.573 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

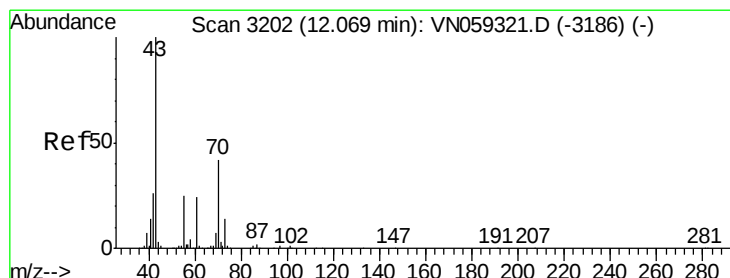
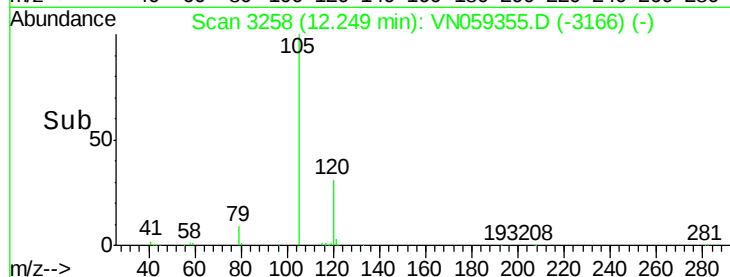
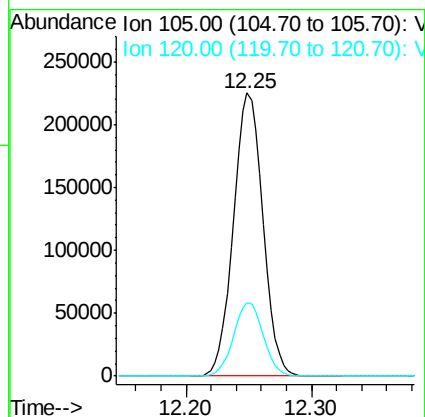
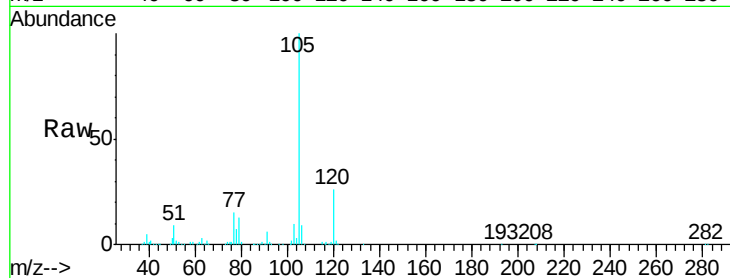
VN1122WBS01

Tgt Ion: 105 Resp: 366547

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 17.716 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Tgt Ion: 43 Resp: 140517

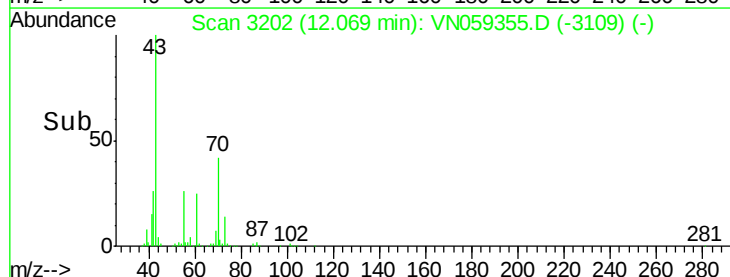
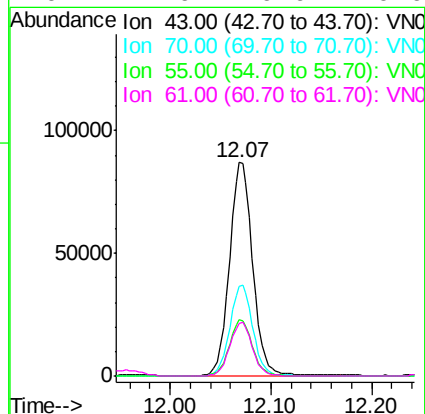
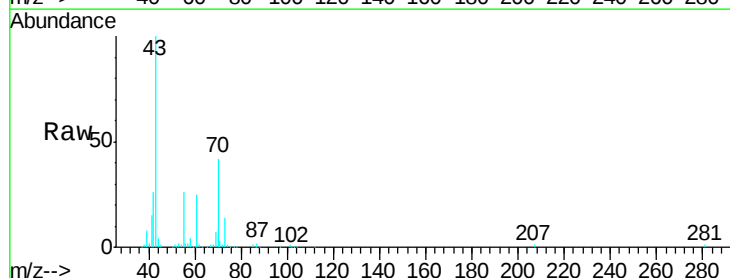
Ion Ratio Lower Upper

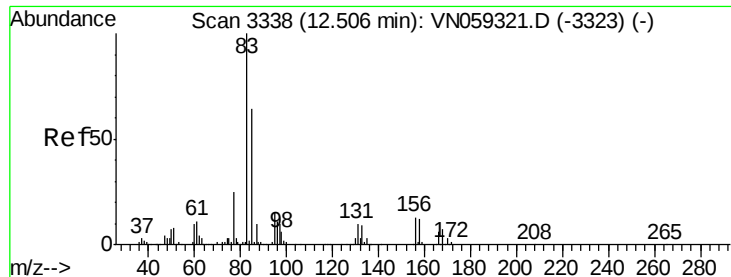
43 100

70 41.8 33.8 50.6

55 26.2 20.3 30.5

61 24.6 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 17.783 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

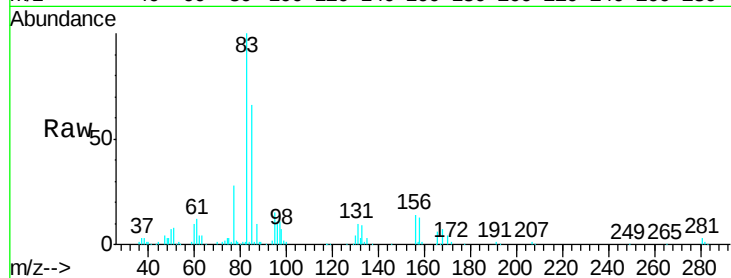
Tgt Ion: 83 Resp: 116096

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

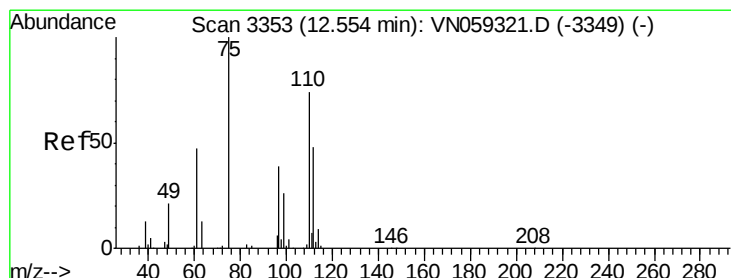
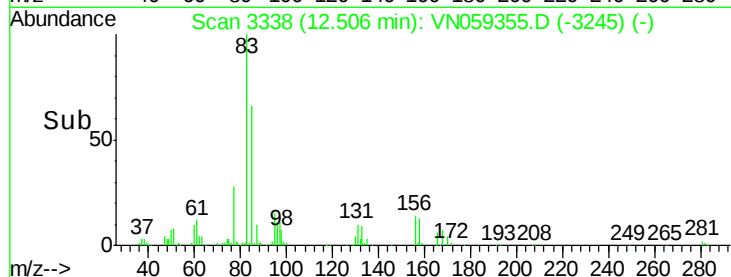
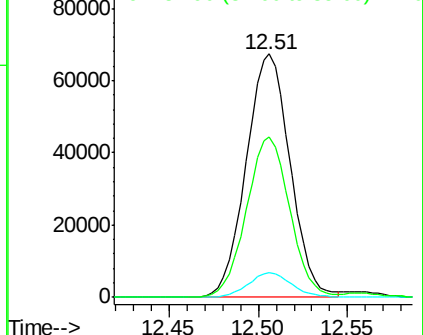
85 64.8 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN059321.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN059321.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN059321.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 28.067 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN059355.D

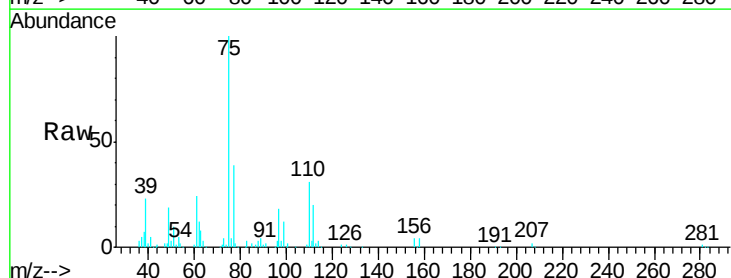
Acq: 22 Nov 2019 11:45

Tgt Ion: 75 Resp: 156214

Ion Ratio Lower Upper

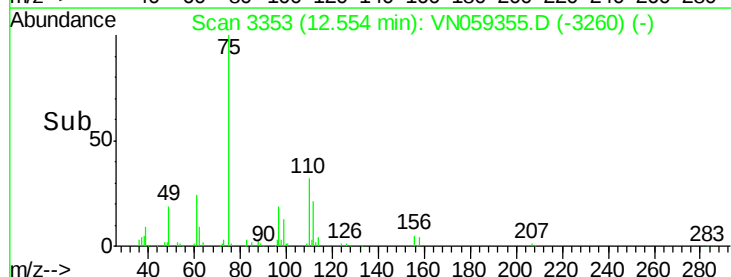
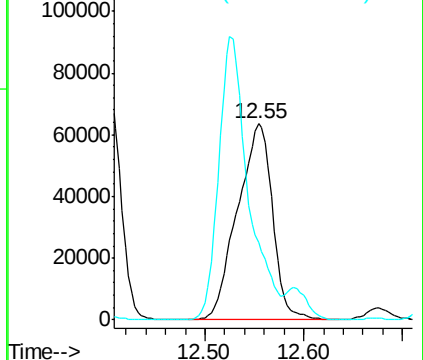
75 100

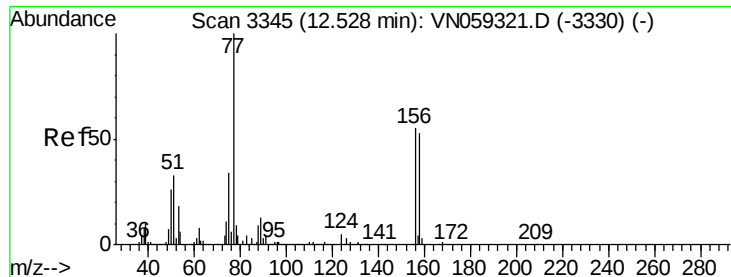
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN059321.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN059321.D (-3349) (-)





#77

Bromobenzene

Concen: 18.127 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

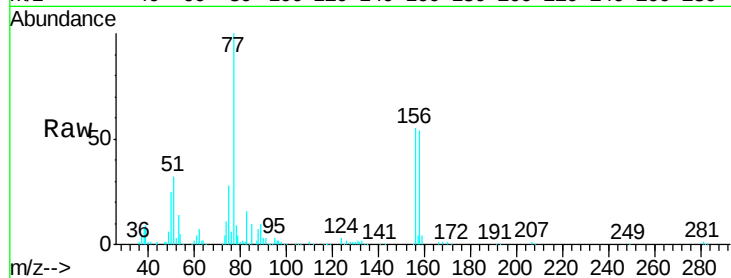
Tgt Ion:156 Resp: 86774

Ion Ratio Lower Upper

156 100

77 222.6 111.1 333.4

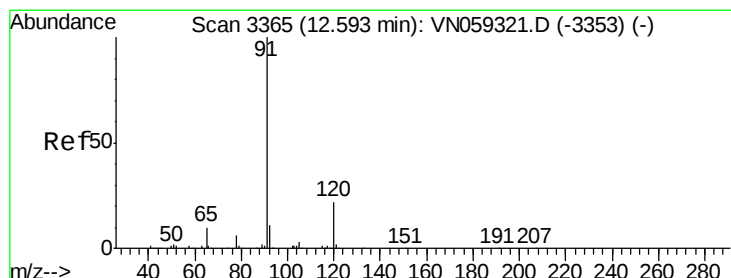
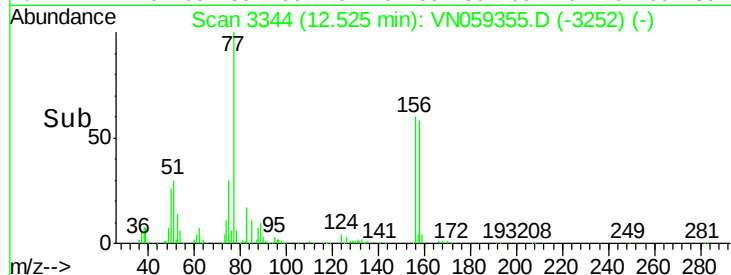
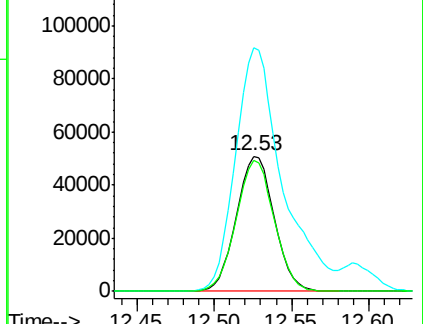
158 97.1 47.8 143.4



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: 18.696 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN059355.D

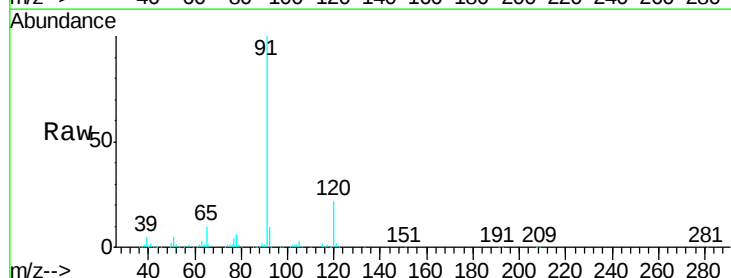
Acq: 22 Nov 2019 11:45

Tgt Ion: 91 Resp: 417964

Ion Ratio Lower Upper

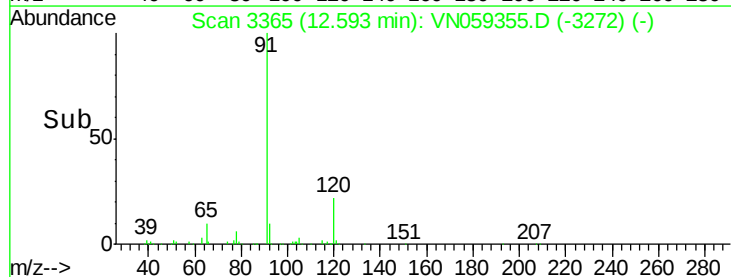
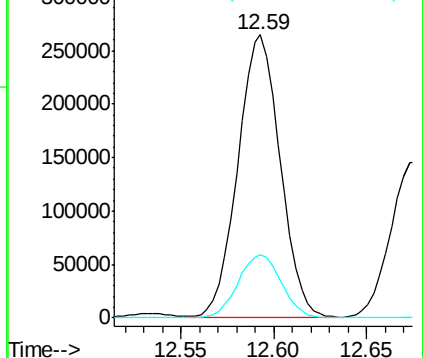
91 100

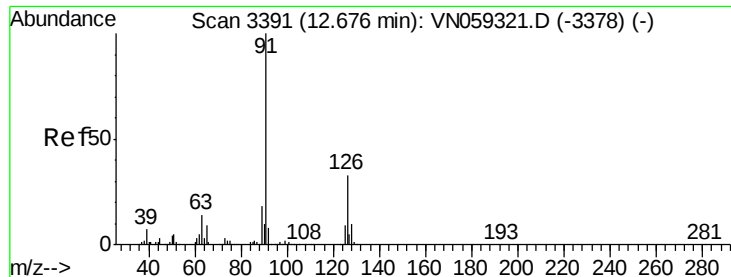
120 23.0 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

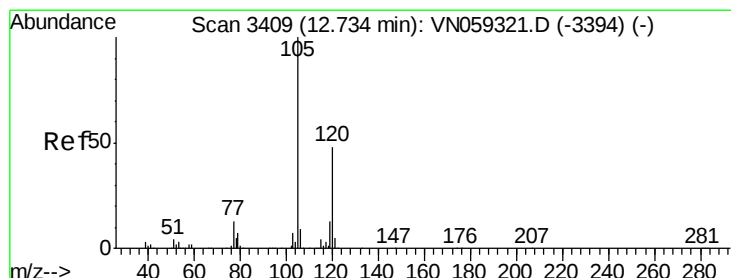
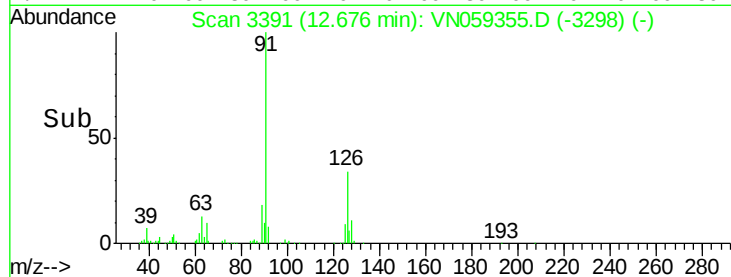
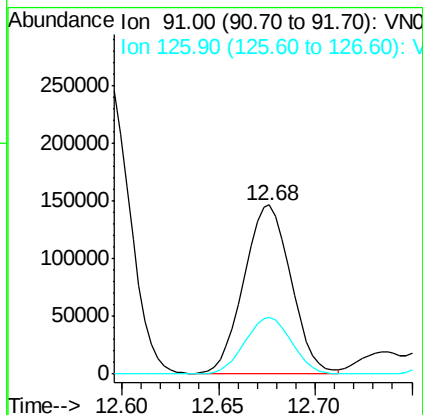
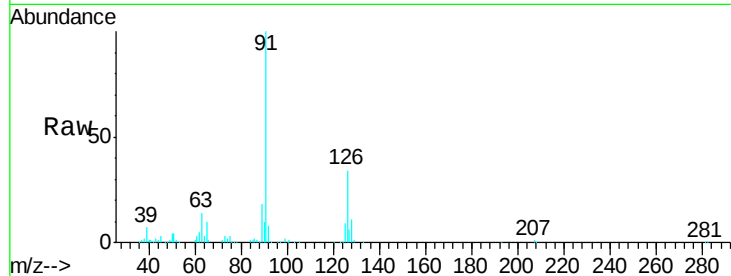




#79
 2-Chlorotoluene
 Concen: 18.027 ug/l
 RT: 12.68 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

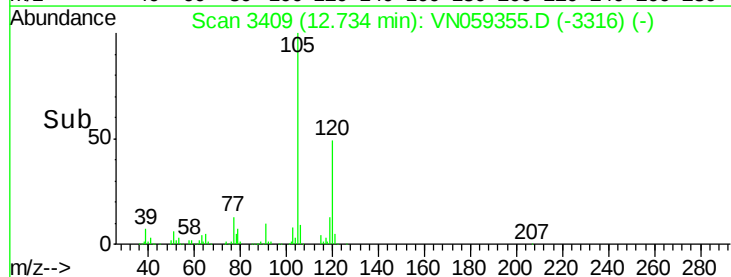
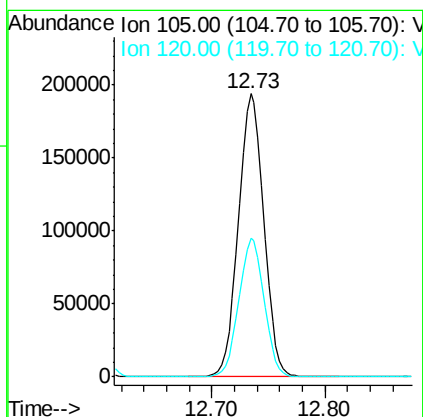
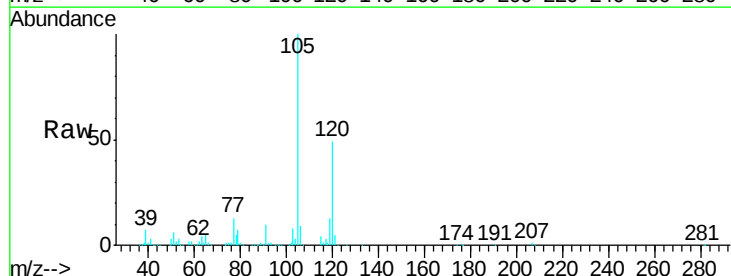
Instrument :
 MSVOA_N
 ClientSampled :
 VN1122WBS01

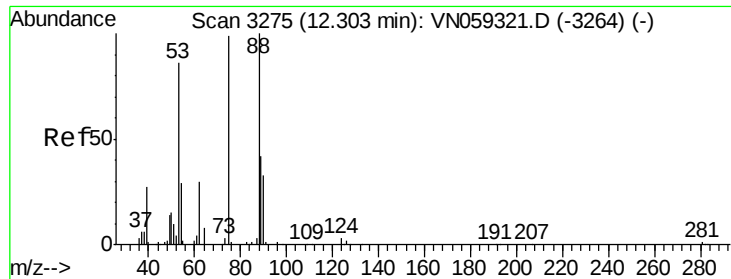
Tgt Ion: 91 Resp: 247366
 Ion Ratio Lower Upper
 91 100
 126 33.8 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.232 ug/l
 RT: 12.73 min Scan# 3409
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion: 105 Resp: 302476
 Ion Ratio Lower Upper
 105 100
 120 49.0 24.1 72.4

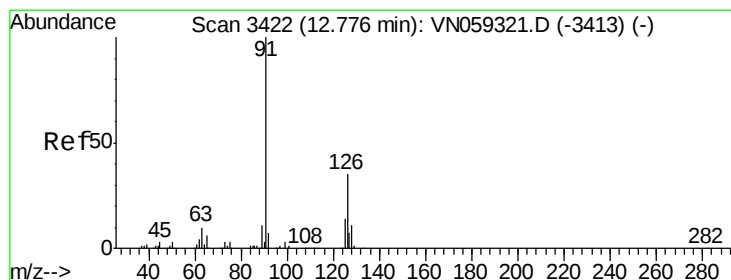
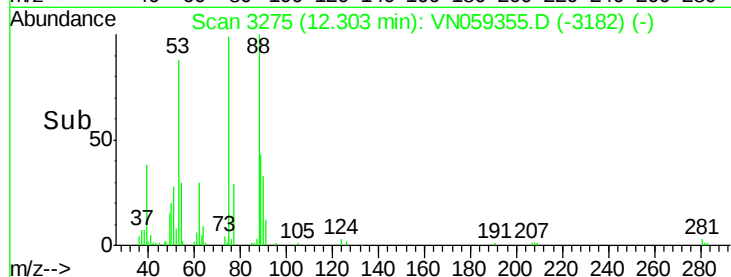
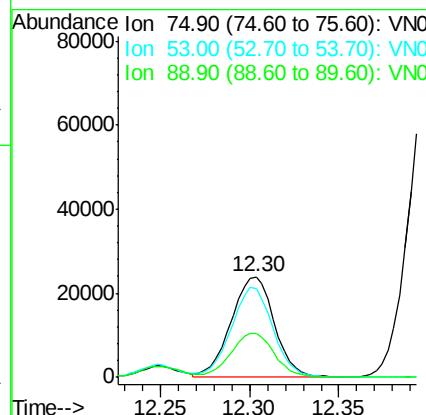
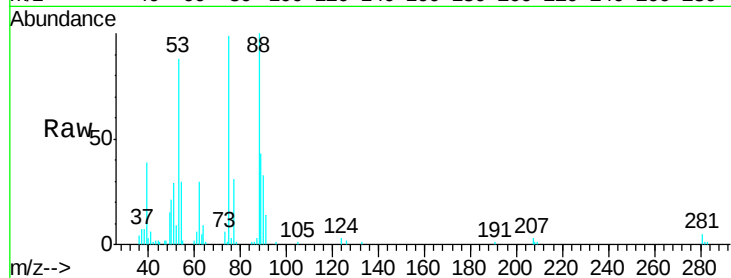




#81
trans-1,4-Dichloro-2-butene
Concen: 18.012 ug/l
RT: 12.30 min Scan# 3275
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

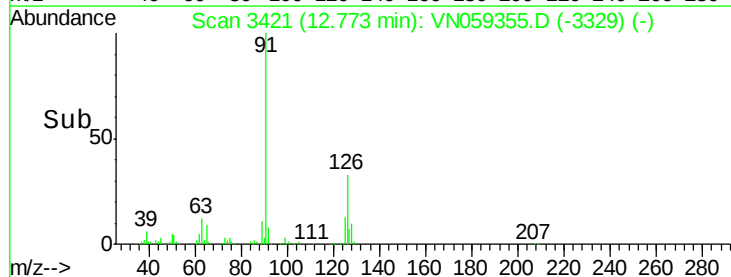
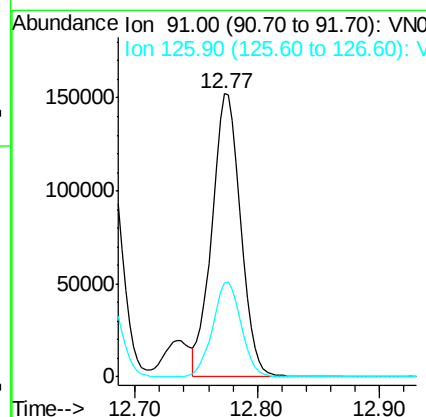
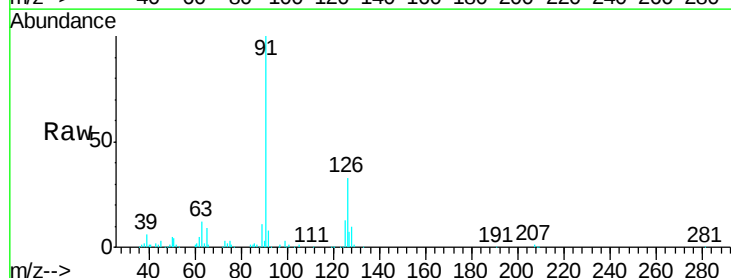
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

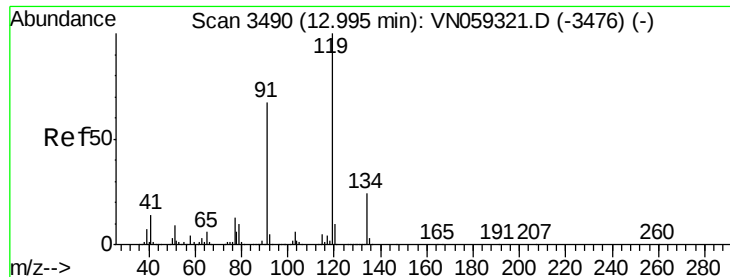
Tgt Ion: 75 Resp: 40082
Ion Ratio Lower Upper
75 100
53 87.4 70.7 106.1
89 44.1 35.4 53.0



#82
4-Chlorotoluene
Concen: 17.593 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 91 Resp: 249818
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6

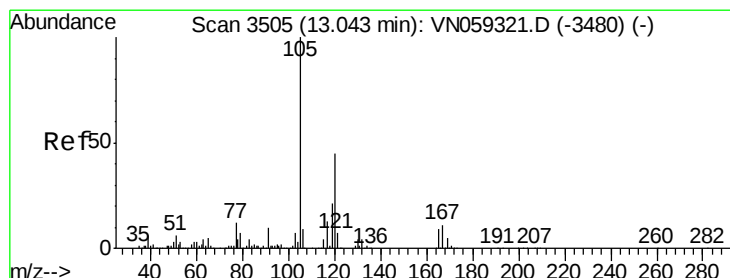
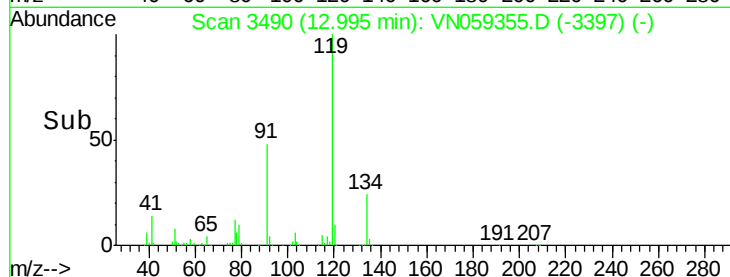
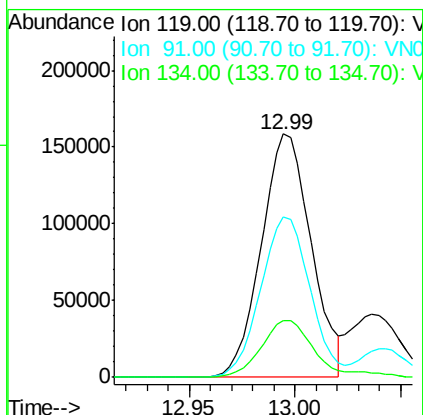
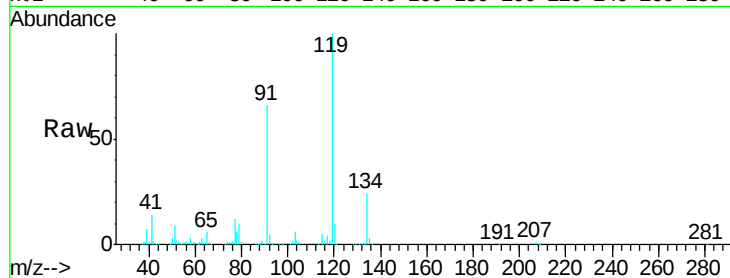




#83
 tert-Butylbenzene
 Concen: 18.629 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

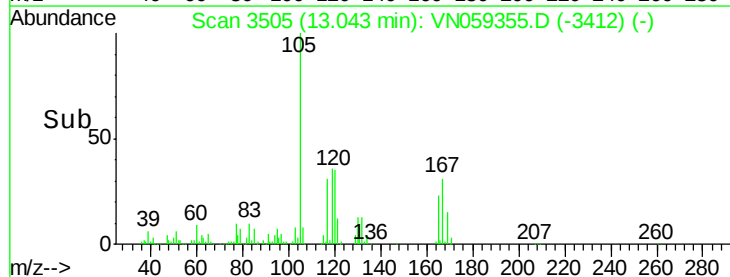
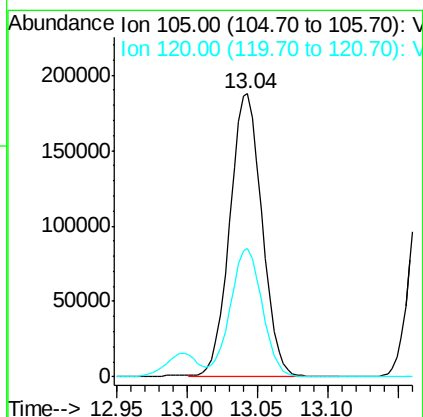
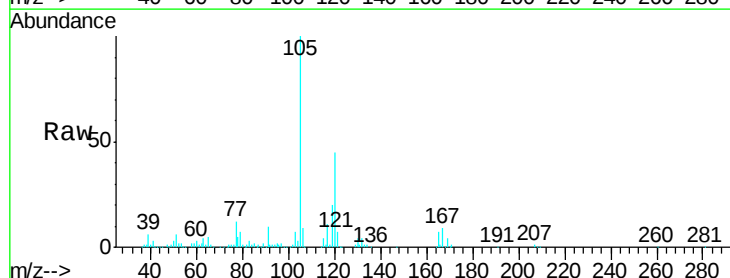
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

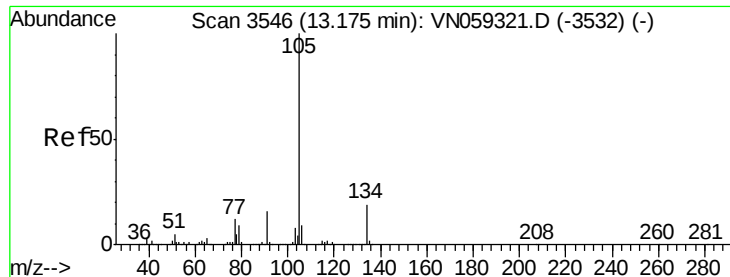
Tgt Ion:119 Resp: 261025
 Ion Ratio Lower Upper
 119 100
 91 65.3 32.8 98.4
 134 25.3 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.425 ug/l
 RT: 13.04 min Scan# 3505
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion:105 Resp: 299433
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.6 67.8

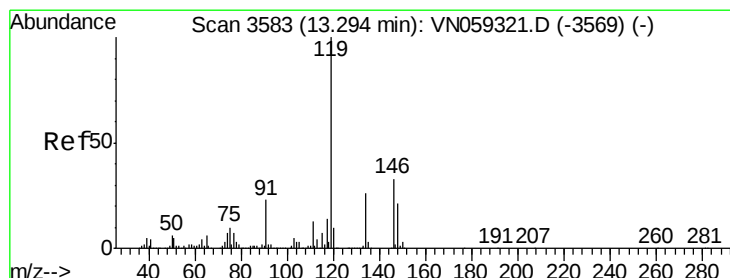
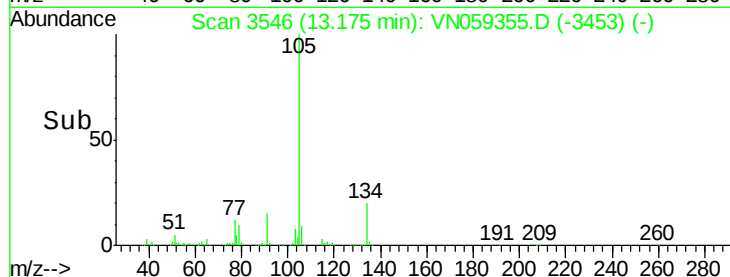
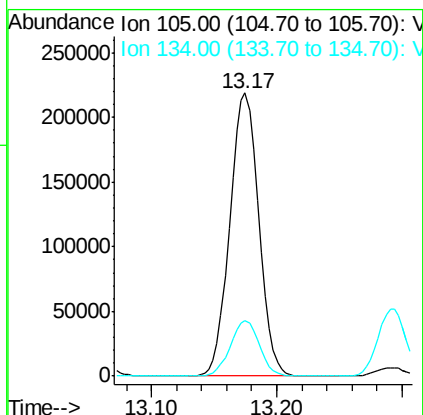
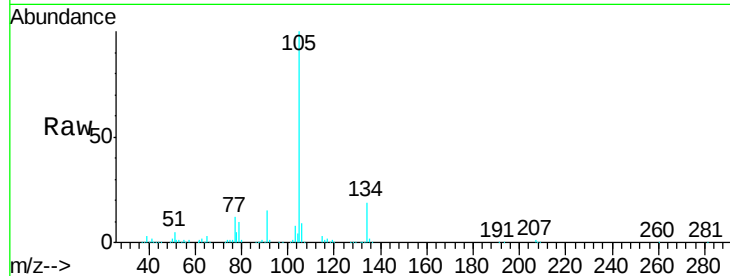




#85
 sec-Butylbenzene
 Concen: 18.572 ug/l
 RT: 13.17 min Scan# 3546
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

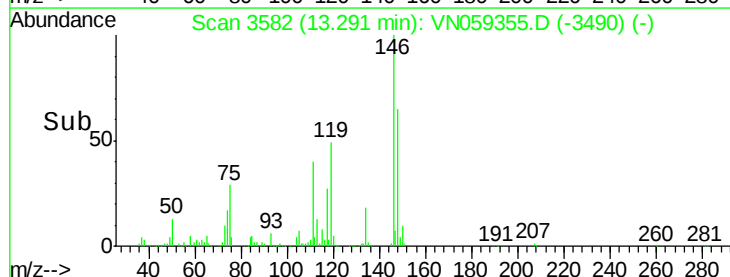
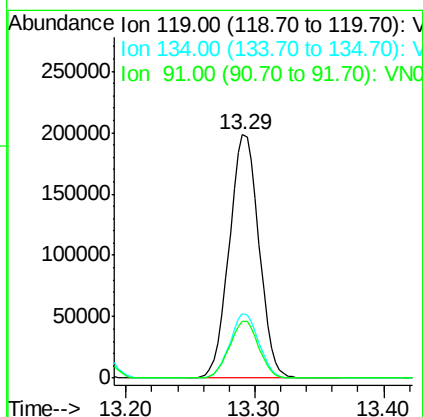
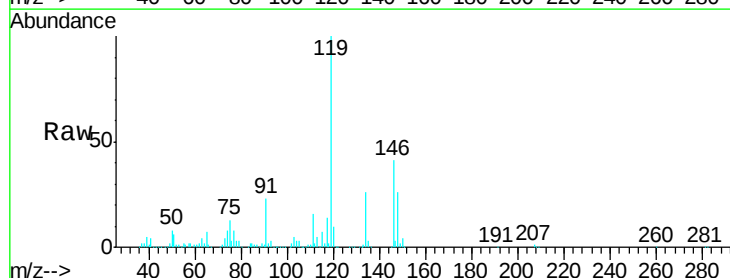
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

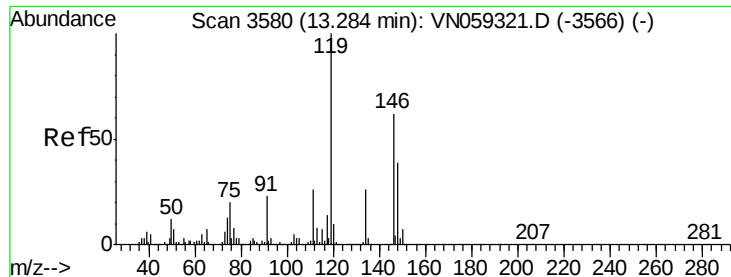
Tgt Ion:105 Resp: 349759
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 18.792 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion:119 Resp: 314919
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 23.2 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 17.729 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122WBS01

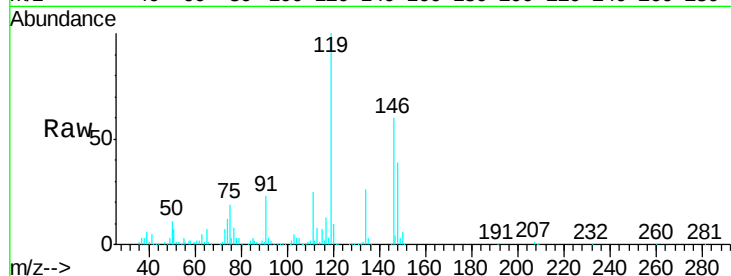
Tgt Ion:146 Resp: 151133

Ion Ratio Lower Upper

146 100

111 41.1 20.6 61.8

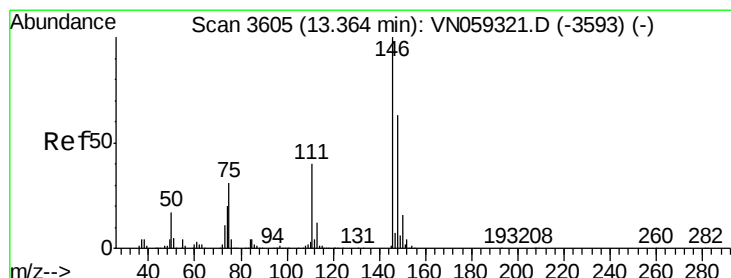
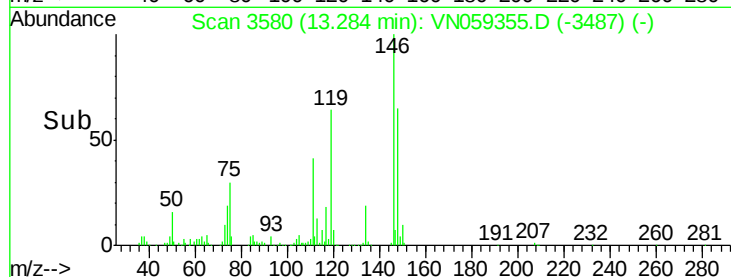
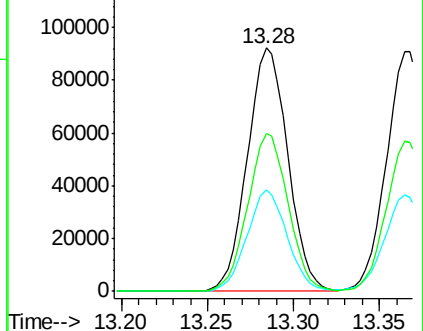
148 64.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.735 ug/l

RT: 13.37 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VN059355.D

Acq: 22 Nov 2019 11:45

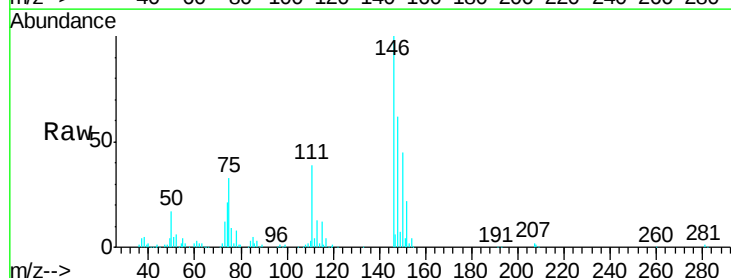
Tgt Ion:146 Resp: 149585

Ion Ratio Lower Upper

146 100

111 41.6 20.1 60.3

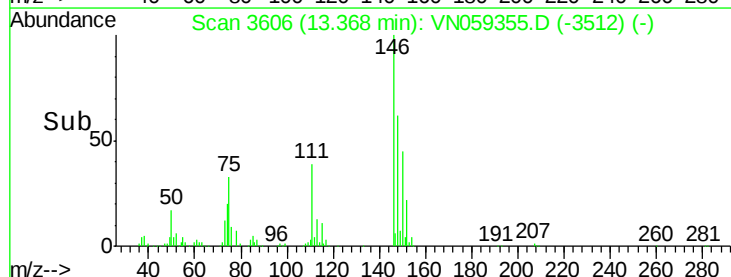
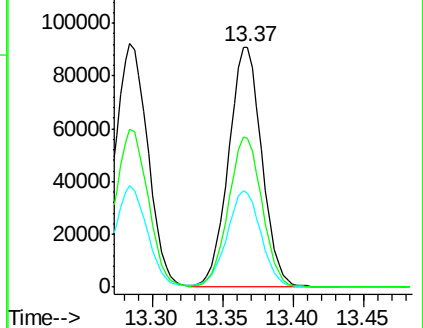
148 63.4 31.7 95.1

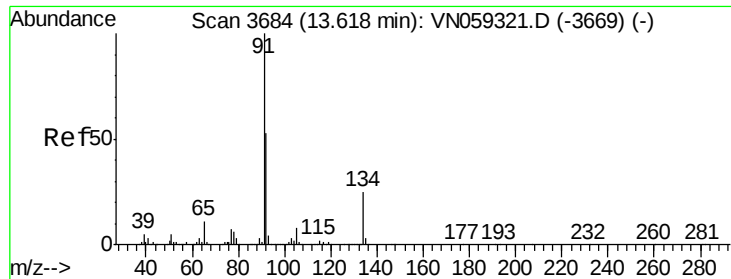


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

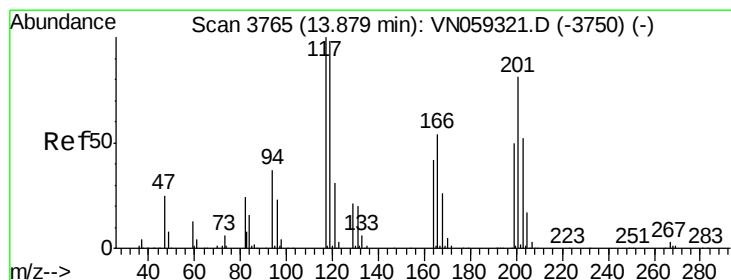
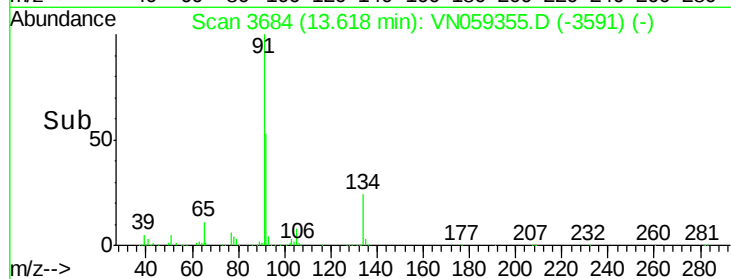
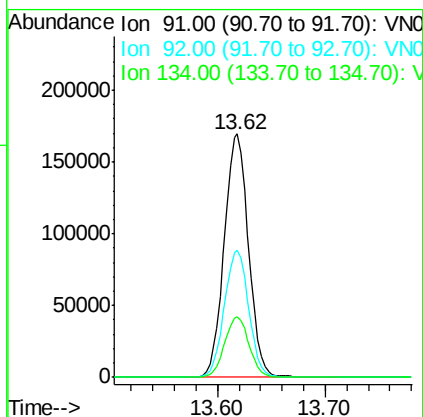
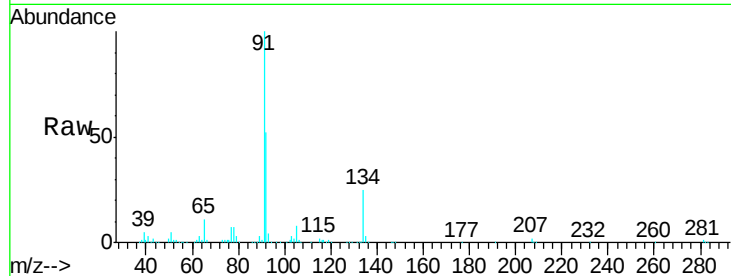




#89
n-Butylbenzene
Concen: 18.062 ug/l
RT: 13.62 min Scan# 3684
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

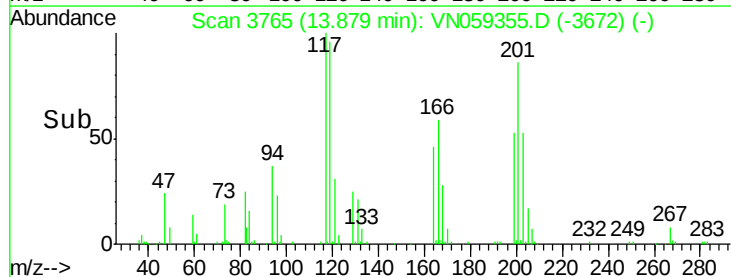
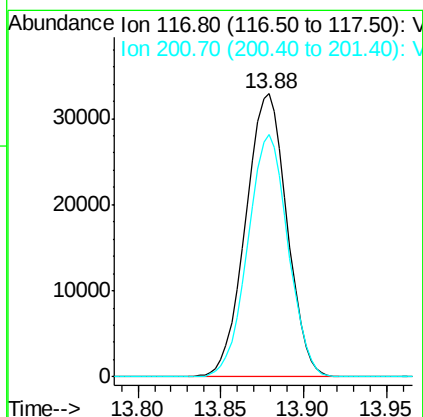
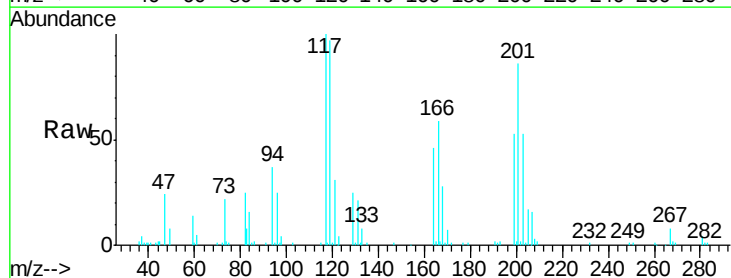
Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

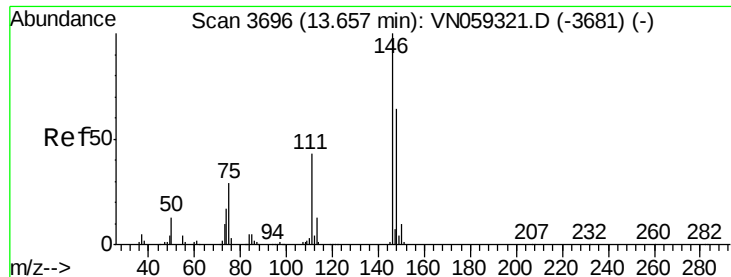
Tgt Ion: 91 Resp: 265524
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 25.0 12.7 38.1



#90
Hexachloroethane
Concen: 17.962 ug/l
RT: 13.88 min Scan# 3765
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion: 117 Resp: 57006
Ion Ratio Lower Upper
117 100
201 83.3 40.4 121.2

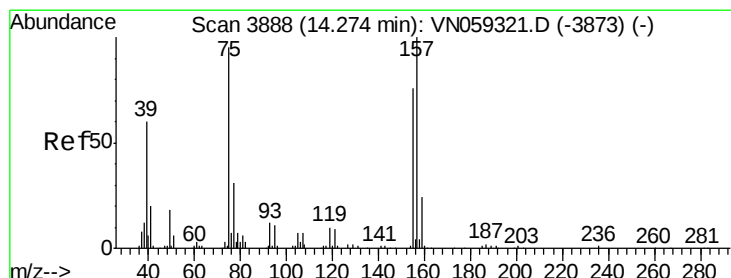
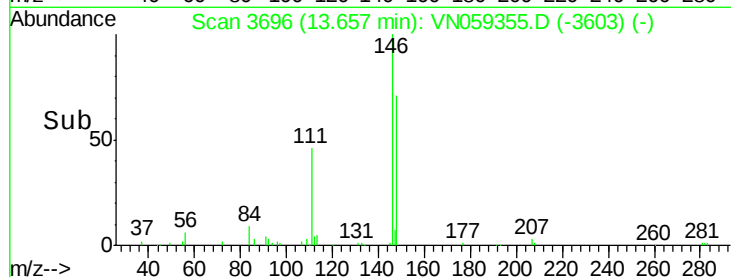
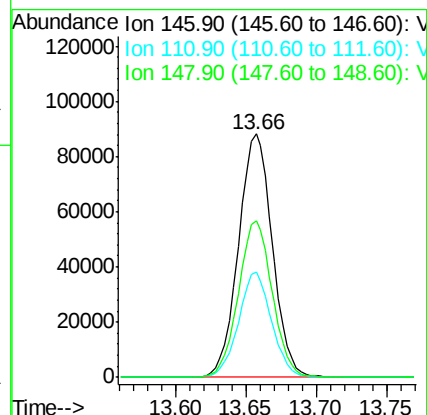
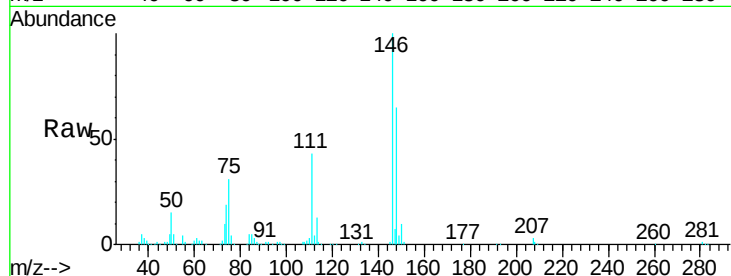




#91
 1,2-Dichlorobenzene
 Concen: 18.012 ug/l
 RT: 13.66 min Scan# 3696
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

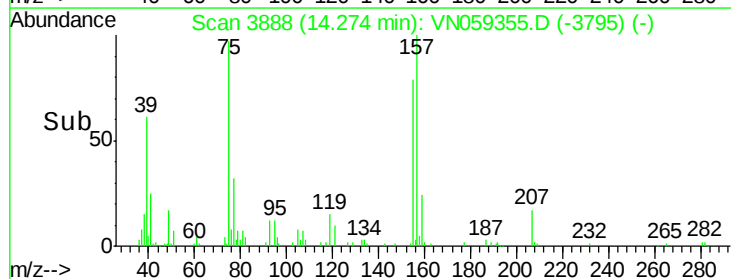
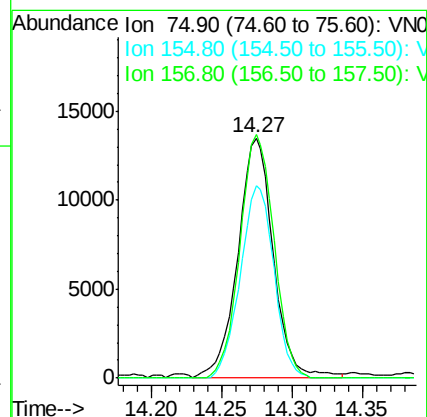
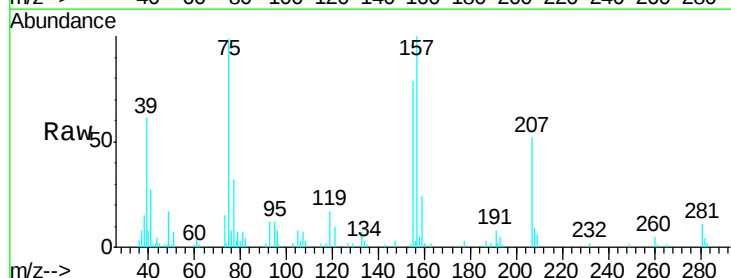
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

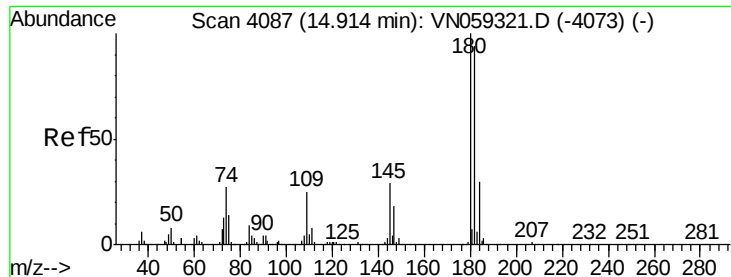
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.3	64.0
148	64.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.151 ug/l
 RT: 14.27 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.8	40.5	121.5
157	97.3	52.7	158.1

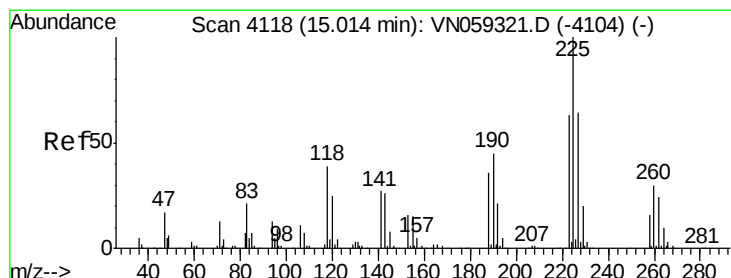
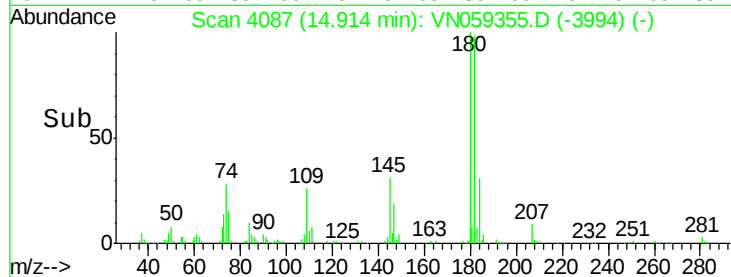
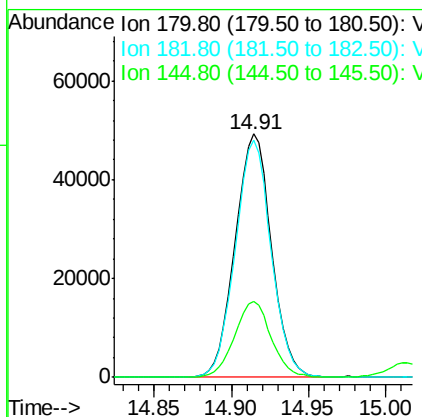
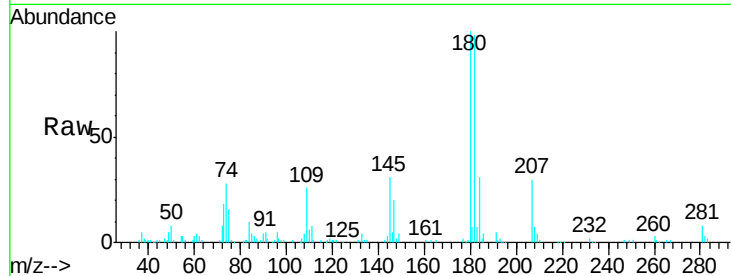




#93
 1,2,4-Trichlorobenzene
 Concen: 17.650 ug/l
 RT: 14.91 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

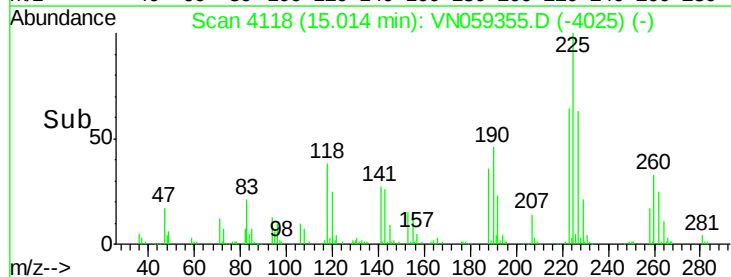
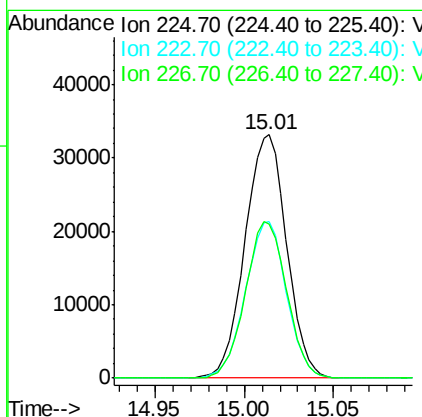
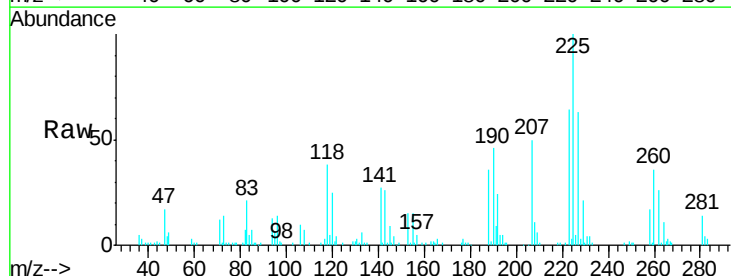
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122WBS01

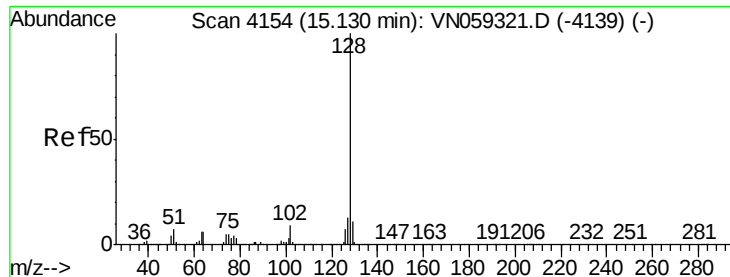
Tgt Ion:180 Resp: 80180
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.2 141.6
 145 31.4 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 18.177 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN059355.D
 Acq: 22 Nov 2019 11:45

Tgt Ion:225 Resp: 54013
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.6 94.8
 227 63.7 32.6 97.7

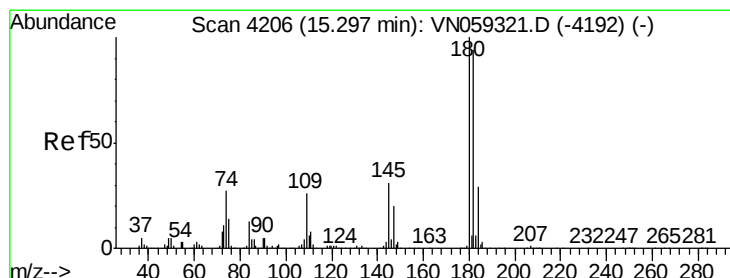
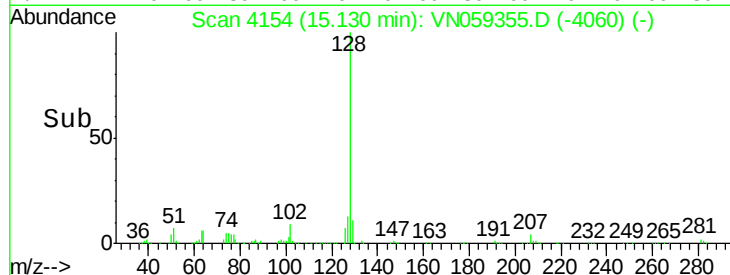
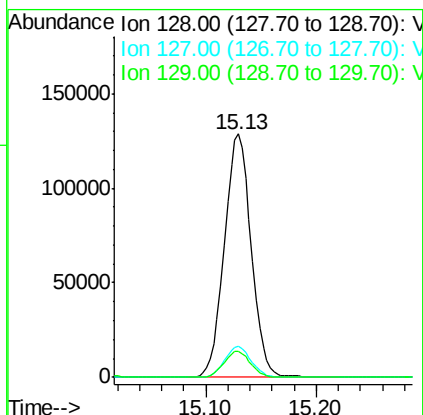
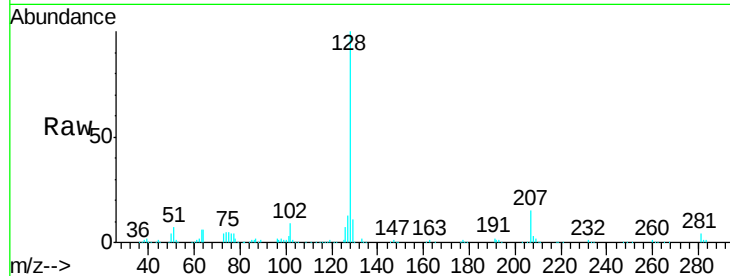




#95
Naphthalene
Concen: 17.456 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Instrument :
MSVOA_N
ClientSampleId :
VN1122WBS01

Tgt Ion:128 Resp: 216673
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 17.422 ug/l
RT: 15.30 min Scan# 4206
Delta R.T. 0.00 min
Lab File: VN059355.D
Acq: 22 Nov 2019 11:45

Tgt Ion:180 Resp: 81234
Ion Ratio Lower Upper
180 100
182 94.0 47.1 141.4
145 33.2 15.6 46.8

