

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083967.D
 Acq On : 18 Sep 2024 07:09
 Operator : JC\MD
 Sample : P3964-06
 Misc : 6.20g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 07:30:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.218	168	177350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307526	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135411	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131429	49.147	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.300%
35) Dibromofluoromethane	8.165	113	91988	46.724	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.440%
50) Toluene-d8	10.565	98	383254	56.311	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.620%
62) 4-Bromofluorobenzene	12.847	95	161480	57.507	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.020%

Target Compounds				Qvalue		
3) Chloromethane	2.365	50	293	Below Cal	#	41
5) Bromomethane	2.901	94	528	0.407	ug/l #	73
11) Tert butyl alcohol	5.477	59	3277	9.151	ug/l #	71
13) Acrolein	4.389	56	10545	29.845	ug/l #	77
14) Allyl chloride	5.089	41	1016	0.297	ug/l #	21
15) Acrylonitrile	5.795	53	3203	3.289	ug/l #	32
16) Acetone	4.383	43	29836	27.832	ug/l #	55
18) Methyl Acetate	5.259	43	74988	32.940	ug/l #	52
20) Methylene Chloride	5.253	84	724	0.330	ug/l #	1
23) Vinyl Acetate	6.565	43	1085	0.211	ug/l #	71
25) 2-Butanone	7.489	43	9212	6.538	ug/l #	49
29) Tetrahydrofuran	7.841	42	623	0.748	ug/l #	32
30) Chloroform	7.930	83	14132	3.284	ug/l #	17
31) Cyclohexane	8.212	56	105359	27.260	ug/l #	47
36) 1,1-Dichloropropene	8.218	75	16728	5.645	ug/l #	54
37) Ethyl Acetate	7.489	43	9212	3.425	ug/l #	69
38) Carbon Tetrachloride	8.218	117	21166	6.296	ug/l #	16
39) Methylcyclohexane	9.594	83	119654	35.475	ug/l #	51
40) Benzene	8.600	78	2783	0.312	ug/l #	76
41) Methacrylonitrile	7.830	41	4394	2.762	ug/l #	49
43) Isopropyl Acetate	8.694	43	35543	7.292	ug/l #	57
45) 1,2-Dichloropropane	9.641	63	1622	0.752	ug/l #	1
47) Bromodichloromethane	9.871	83	50144	15.345	ug/l #	25
48) Methyl methacrylate	9.641	41	219471	94.906	ug/l #	41
51) 4-Methyl-2-Pentanone	10.494	43	366631	138.181	ug/l #	76
52) Toluene	10.624	92	12460	2.284	ug/l	97
55) 1,1,2-Trichloroethane	11.006	97	44091	21.648	ug/l #	1
56) Ethyl methacrylate	10.847	69	15725	5.018	ug/l #	8
58) 2-Chloroethyl Vinyl ether	10.141	63	5955	5.274	ug/l #	46
59) 2-Hexanone	11.171	43	124186	63.274	ug/l #	30
60) Dibromochloromethane	11.259	129	1076	0.472	ug/l	88
65) Chlorobenzene	11.994	112	1626	0.274	ug/l #	43
67) Ethyl Benzene	11.965	91	896596	85.016	ug/l	99
68) m/p-Xylenes	12.065	106	4544150	1160.574	ug/l	99
69) o-Xylene	12.394	106	580894	153.253	ug/l	99
70) Styrene	12.394	104	28709	4.615	ug/l #	1

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Quant Time: Sep 18 07:30:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

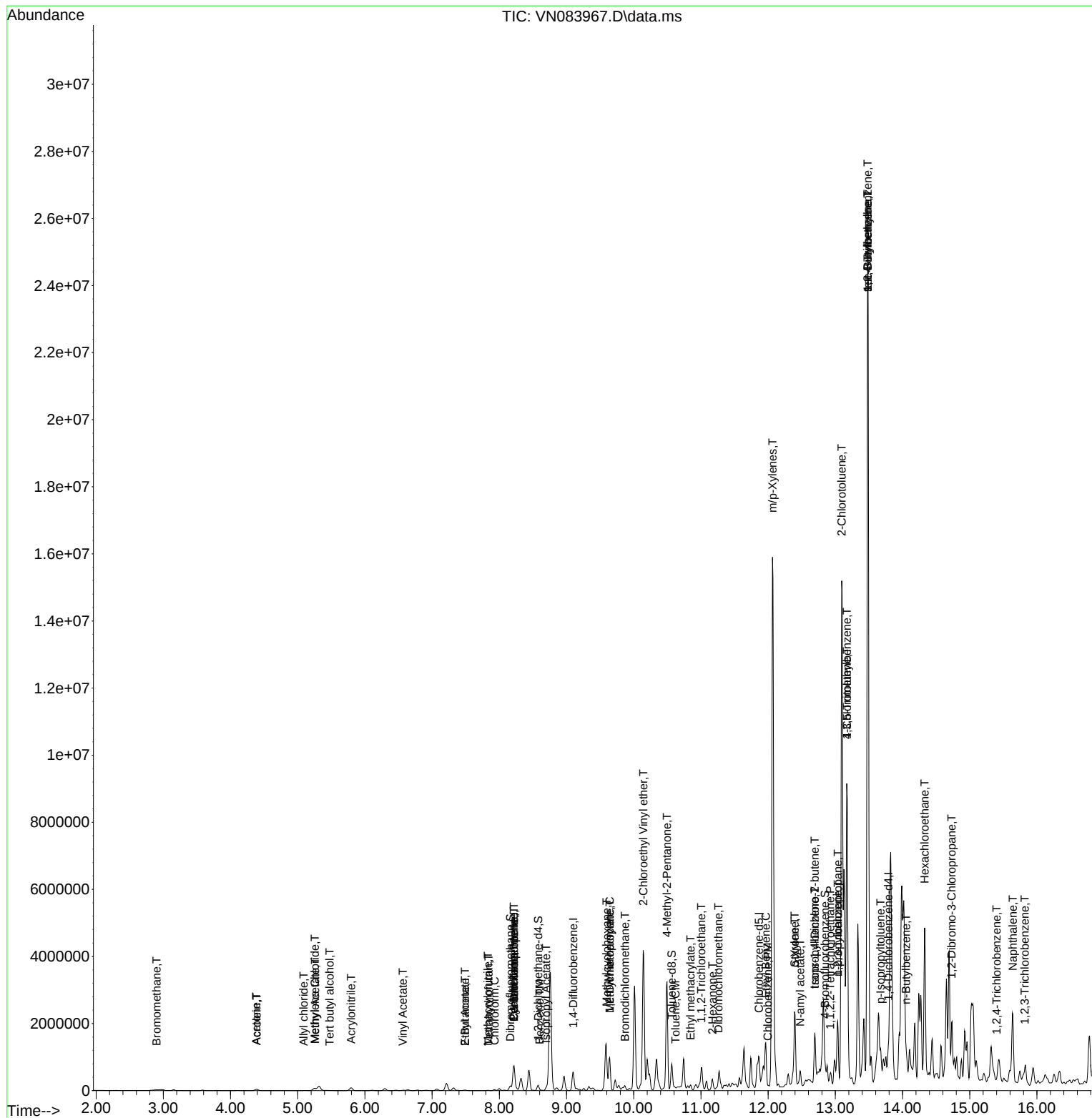
73) Isopropylbenzene	12.694	105	998306	95.292	ug/l	100
74) N-amyl acetate	12.476	43	106598	23.849	ug/l #	69
75) 1,1,2,2-Tetrachloroethane	12.923	83	16373	5.319	ug/l #	1
76) 1,2,3-Trichloropropane	13.035	75	10501	3.843	ug/l #	1
78) n-propylbenzene	13.035	91	1462265	119.964	ug/l	98
79) 2-Chlorotoluene	13.094	91	1766409	227.230	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.171	105	4485091	507.795	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.694	75	13466	12.908	ug/l #	65
82) 4-Chlorotoluene	13.171	91	508529	65.188	ug/l #	45
83) tert-Butylbenzene	13.482	119	1729214	223.775	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.482	105	14168941	1596.984	ug/l	97
85) sec-Butylbenzene	13.482	105	14168941	1382.563	ug/l #	57
86) p-Isopropyltoluene	13.671	119	399957	46.556	ug/l	97
89) n-Butylbenzene	14.053	91	295390	38.297	ug/l #	76
90) Hexachloroethane	14.329	117	219078	126.861	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.729	75	2654	4.325	ug/l #	19
93) 1,2,4-Trichlorobenzene	15.400	180	582	0.236	ug/l #	12
95) Naphthalene	15.641	128	1893474	252.510	ug/l	99
96) 1,2,3-Trichlorobenzene	15.817	180	560	0.238	ug/l #	1

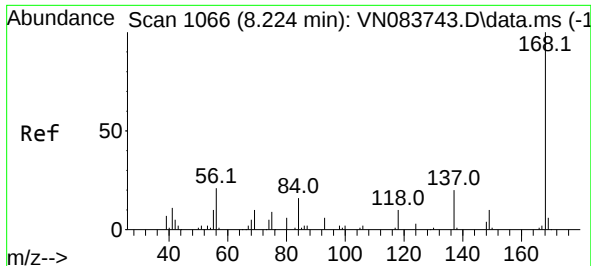
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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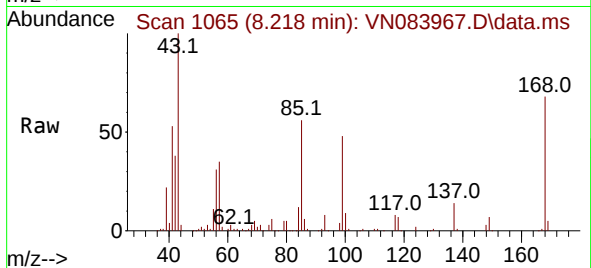
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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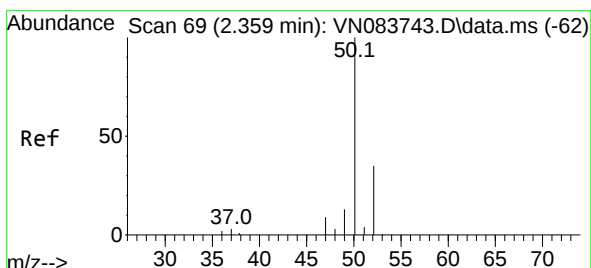
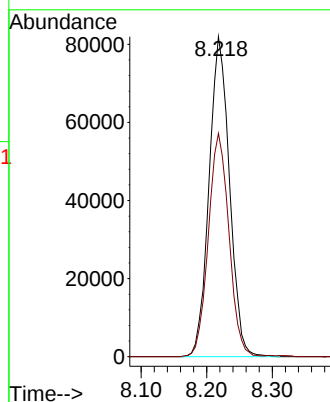
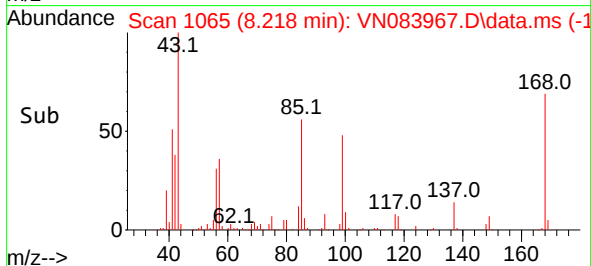


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Instrument :
MSVOA_N
ClientSampleId :

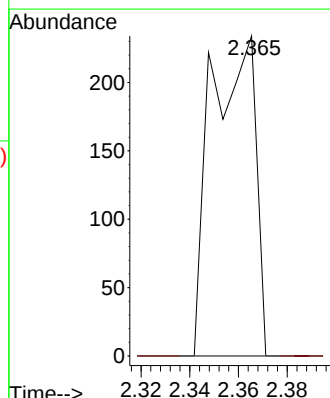
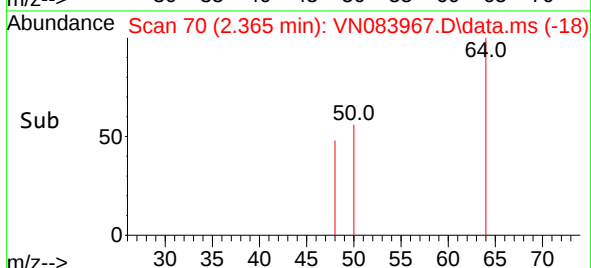
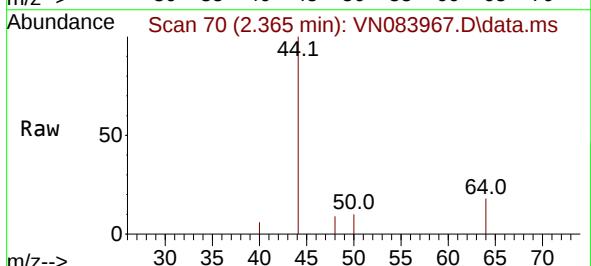


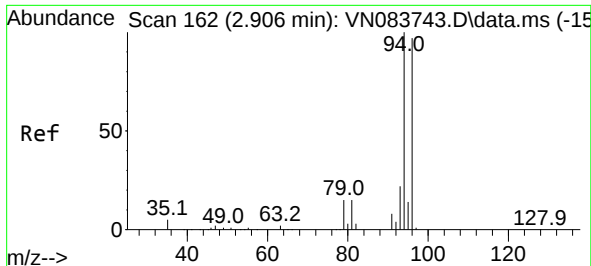
Tgt Ion:168 Resp: 177350
Ion Ratio Lower Upper
168 100
99 69.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 50 Resp: 293
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

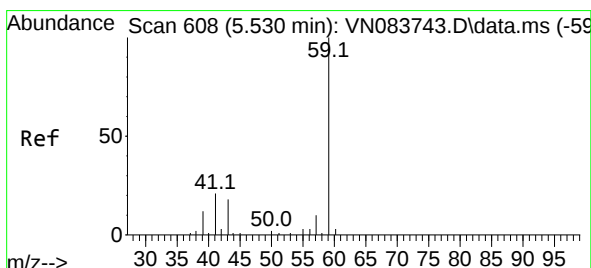
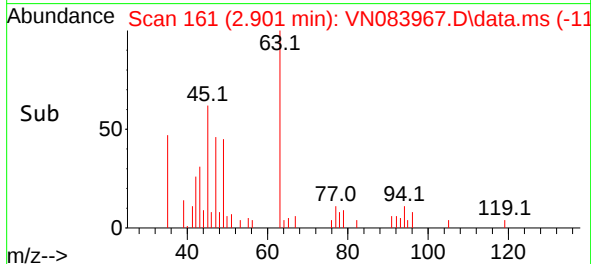
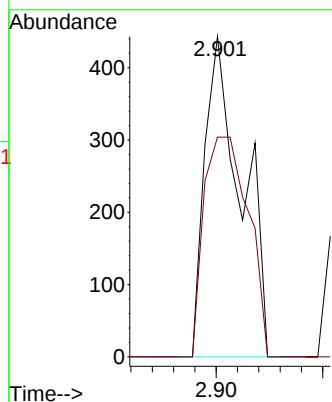
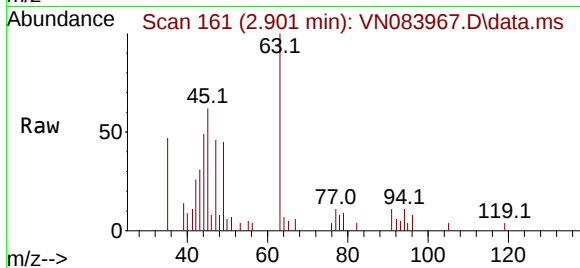




#5
Bromomethane
Concen: 0.407 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

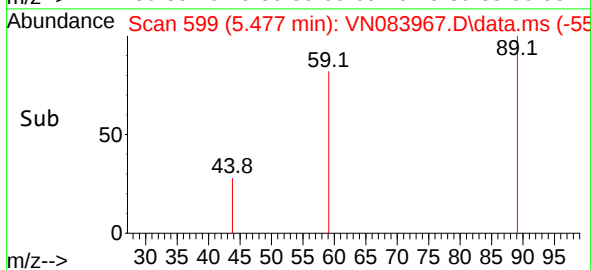
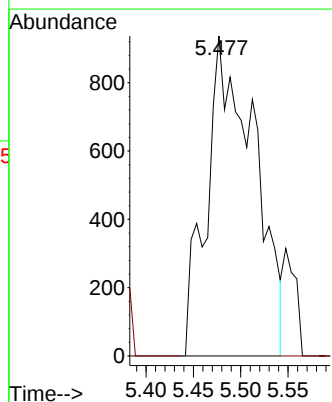
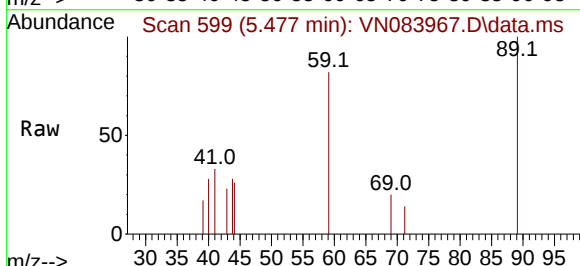
Instrument :
MSVOA_N
ClientSampleId :

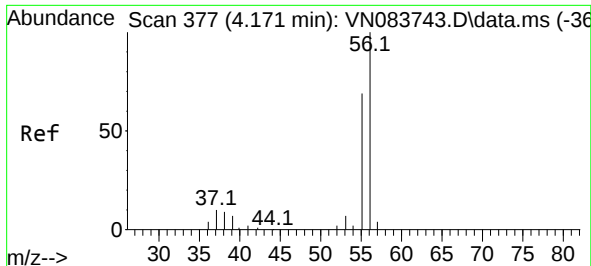
Tgt Ion: 94 Resp: 528
Ion Ratio Lower Upper
94 100
96 68.6 76.0 114.0#



#11
Tert butyl alcohol
Concen: 9.151 ug/l
RT: 5.477 min Scan# 599
Delta R.T. -0.053 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 59 Resp: 3277
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 29.845 ug/l

RT: 4.389 min Scan# 41

Delta R.T. 0.218 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

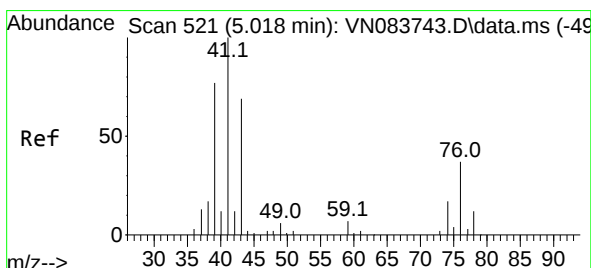
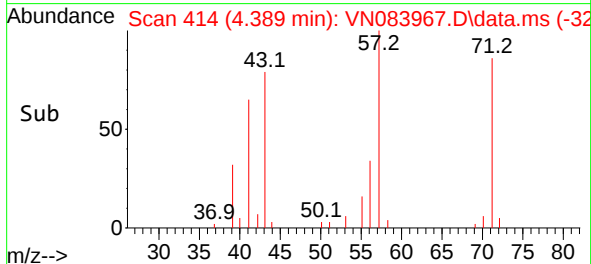
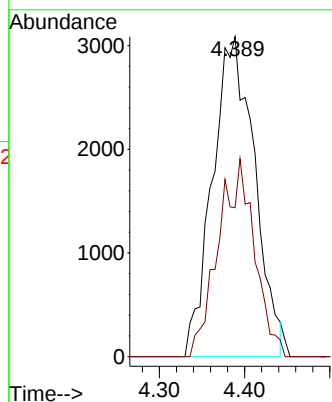
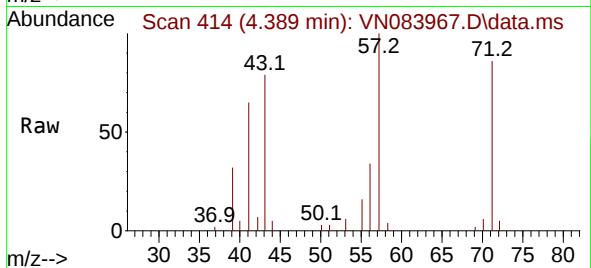
ClientSampleId :

Tgt Ion: 56 Resp: 10545

Ion Ratio Lower Upper

56 100

55 53.1 58.2 87.2#



#14

Allyl chloride

Concen: 0.297 ug/l

RT: 5.089 min Scan# 533

Delta R.T. 0.071 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

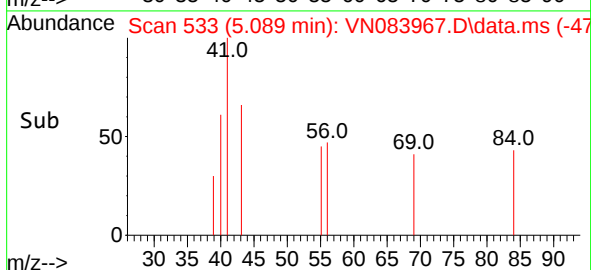
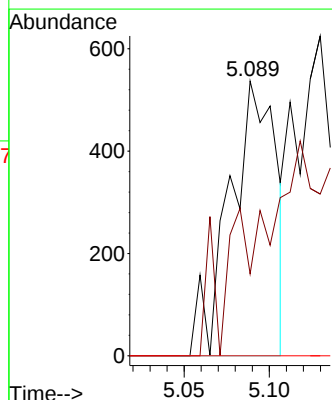
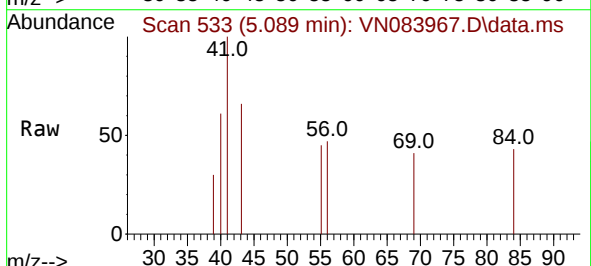
Tgt Ion: 41 Resp: 1016

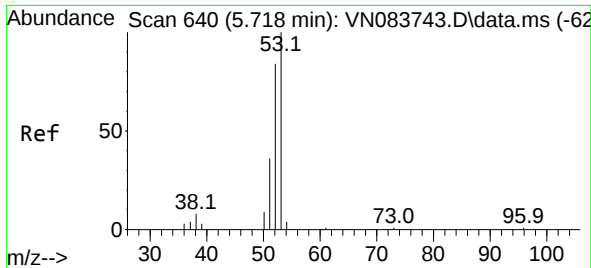
Ion Ratio Lower Upper

41 100

39 0.0 59.3 88.9#

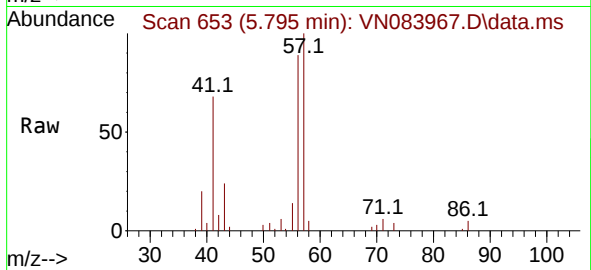
76 0.0 27.7 41.5#



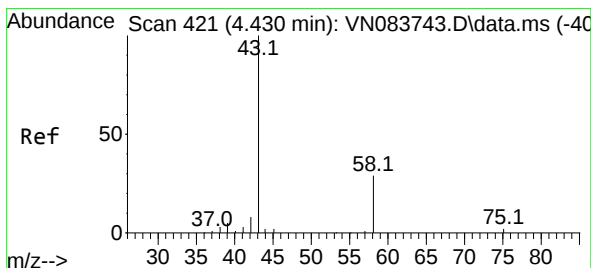
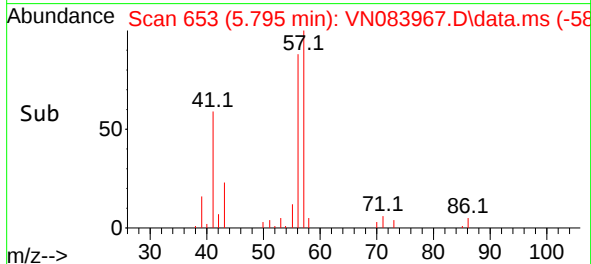
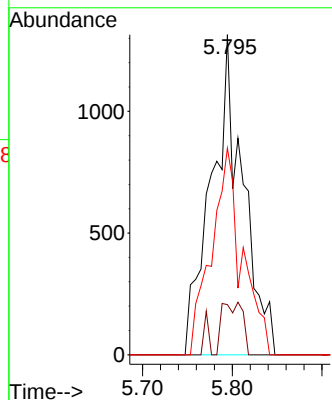


#15
 Acrylonitrile
 Concen: 3.289 ug/l
 RT: 5.795 min Scan# 61
 Delta R.T. 0.077 min
 Lab File: VN083967.D
 Acq: 18 Sep 2024 07:09

Instrument :
 MSVOA_N
 ClientSampleId :

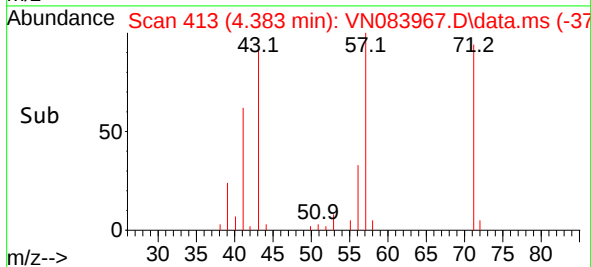
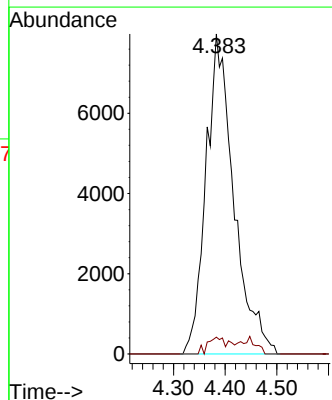
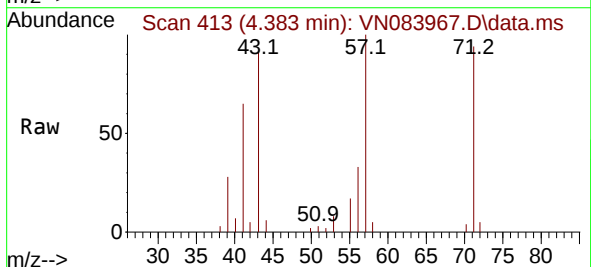


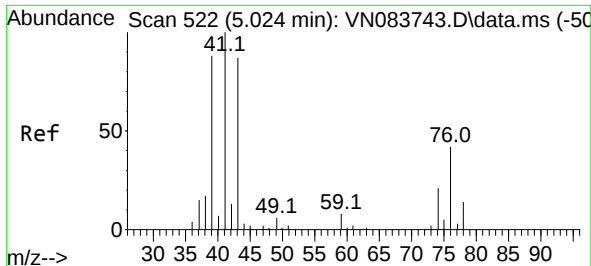
Tgt Ion	Ratio	Lower	Upper
53	100		
52	10.8	66.1	99.1#
51	62.5	29.6	44.4#



#16
 Acetone
 Concen: 27.832 ug/l
 RT: 4.383 min Scan# 413
 Delta R.T. -0.047 min
 Lab File: VN083967.D
 Acq: 18 Sep 2024 07:09

Tgt Ion	Ratio	Lower	Upper
43	100		
58	5.3	23.7	35.5#

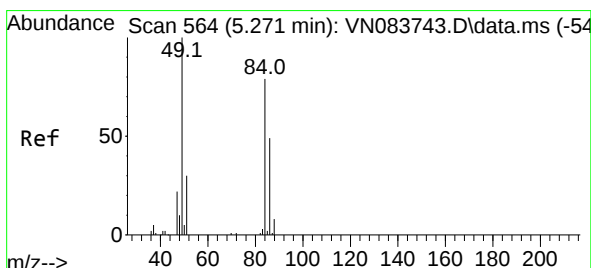
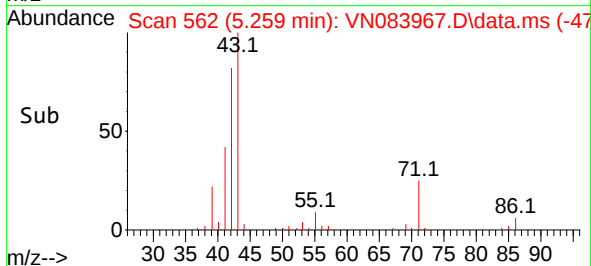
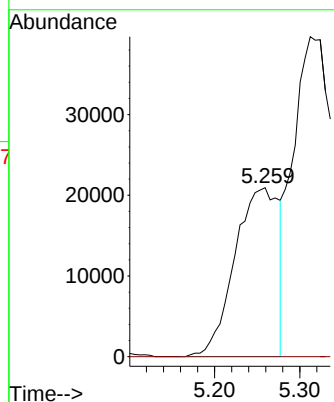
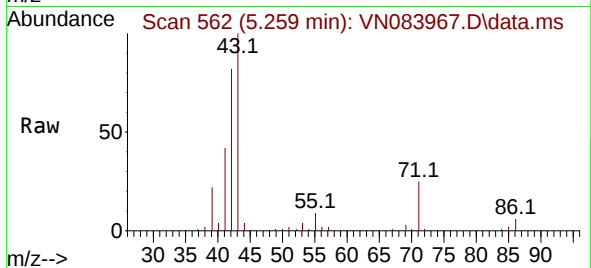




#18
Methyl Acetate
Concen: 32.940 ug/l
RT: 5.259 min Scan# 51
Delta R.T. 0.235 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

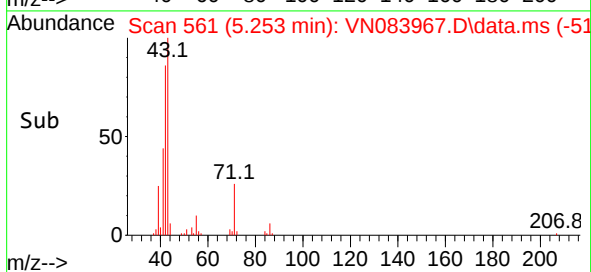
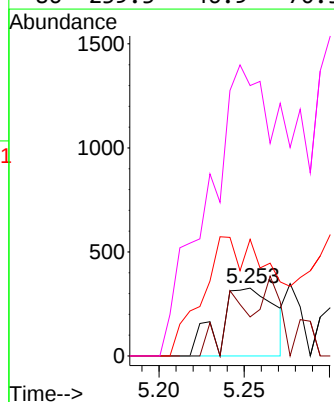
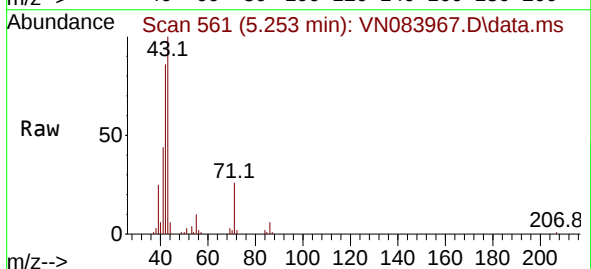
Instrument :
MSVOA_N
ClientSampleId :

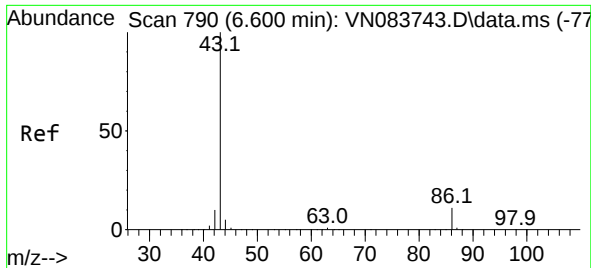
Tgt Ion: 43 Resp: 74988
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



#20
Methylene Chloride
Concen: 0.330 ug/l
RT: 5.253 min Scan# 561
Delta R.T. -0.018 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 84 Resp: 724
Ion Ratio Lower Upper
84 100
49 57.7 93.4 140.0#
51 125.2 29.2 43.8#
86 239.3 46.9 70.3#

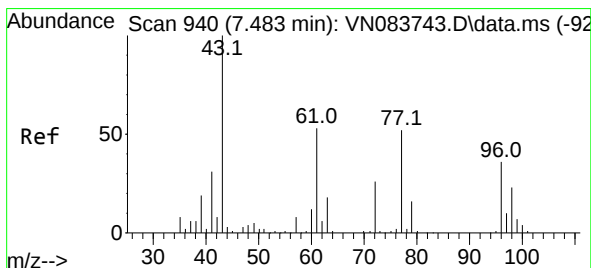
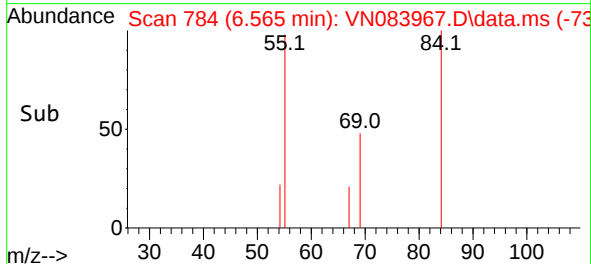
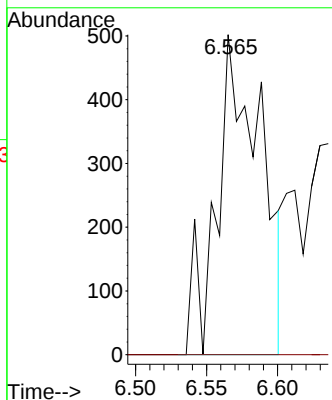
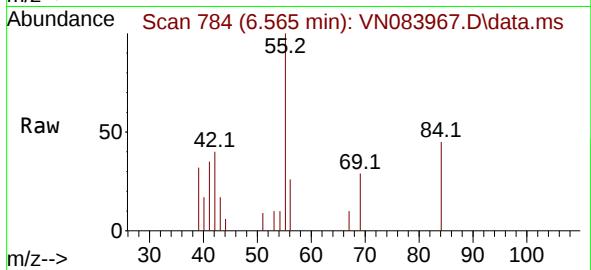




#23
 Vinyl Acetate
 Concen: 0.211 ug/l
 RT: 6.565 min Scan# 71
 Delta R.T. -0.035 min
 Lab File: VN083967.D
 Acq: 18 Sep 2024 07:09

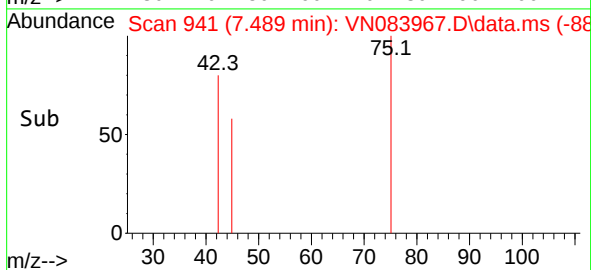
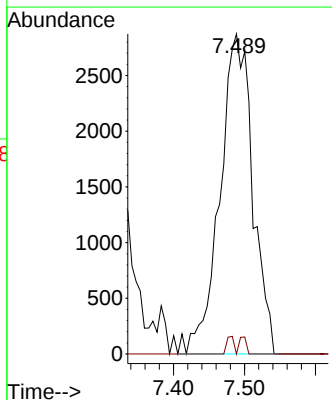
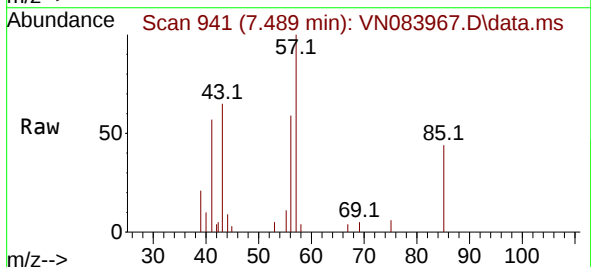
Instrument :
 MSVOA_N
 ClientSampleId :

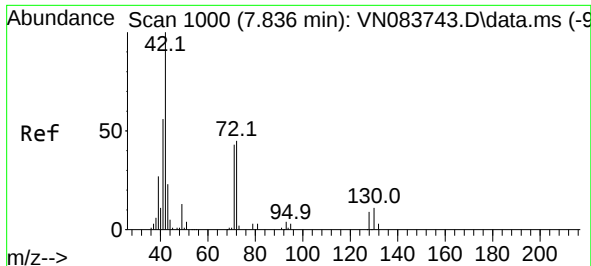
Tgt Ion: 43 Resp: 1085
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.7 13.1#



#25
 2-Butanone
 Concen: 6.538 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN083967.D
 Acq: 18 Sep 2024 07:09

Tgt Ion: 43 Resp: 9212
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.8 31.2#





#29

Tetrahydrofuran

Concen: 0.748 ug/l

RT: 7.841 min Scan# 10

Delta R.T. 0.006 min

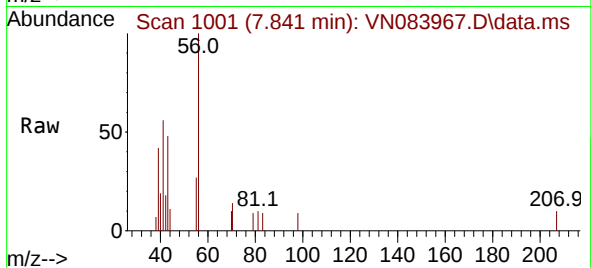
Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

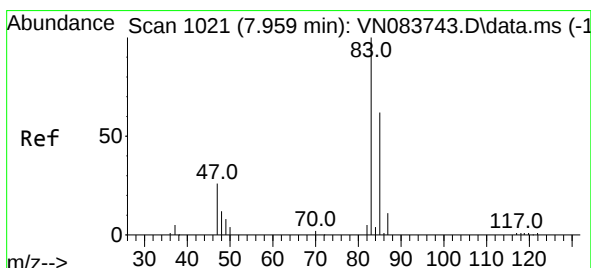
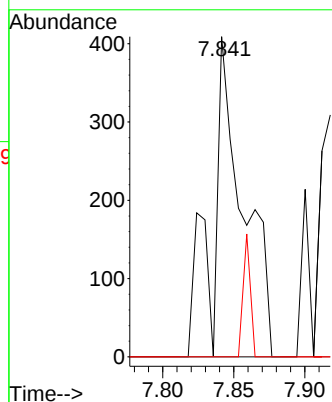
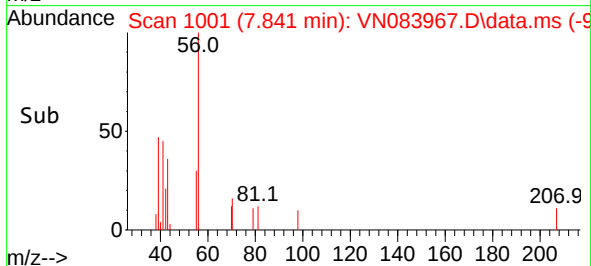
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	623
Ion	Ratio	Lower	Upper
42	100		
72	0.0	35.9	53.9#
71	0.0	33.9	50.9#



#30

Chloroform

Concen: 3.284 ug/l

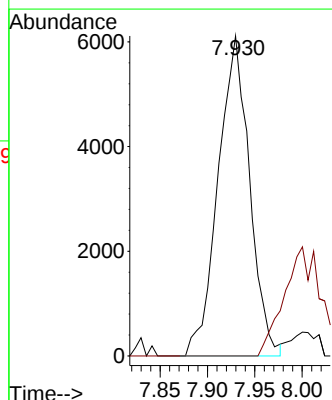
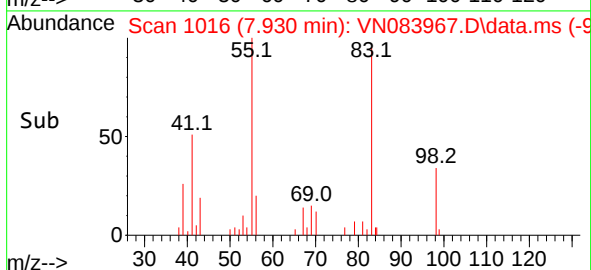
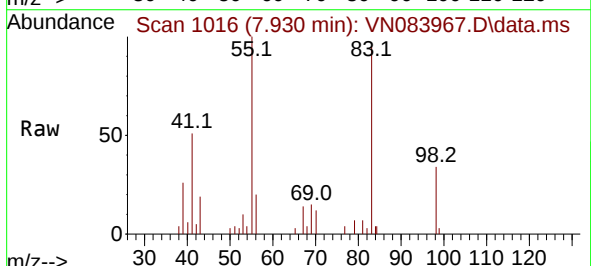
RT: 7.930 min Scan# 1016

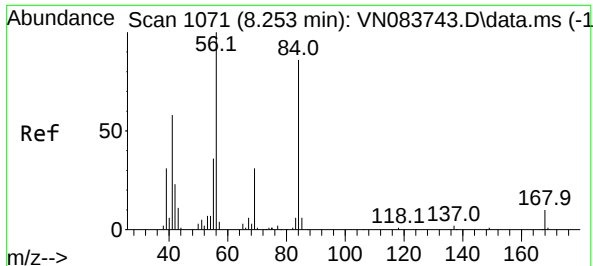
Delta R.T. -0.029 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

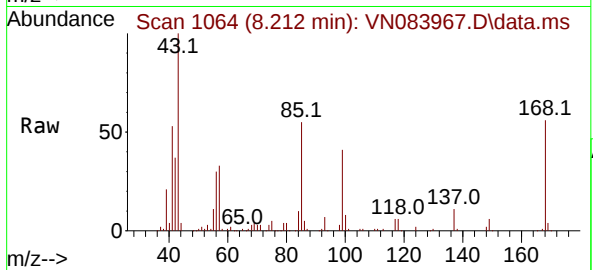
Tgt Ion:	83	Resp:	14132
Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.8	79.2#



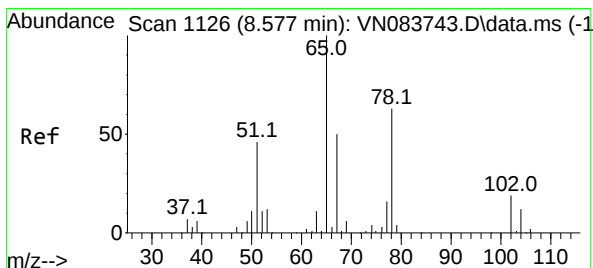
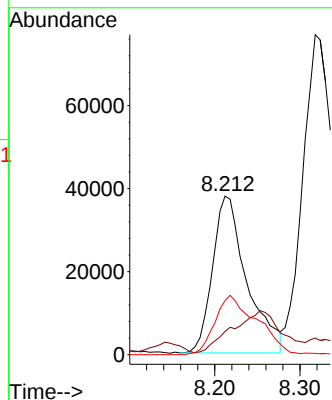
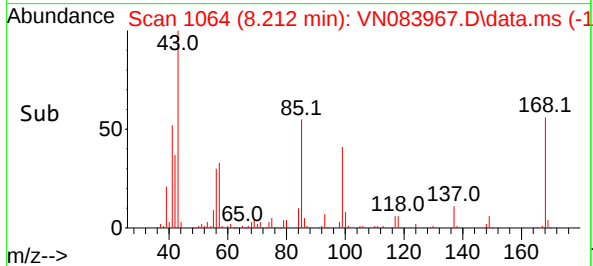


#31
Cyclohexane
Concen: 27.260 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Instrument :
MSVOA_N
ClientSampleId :

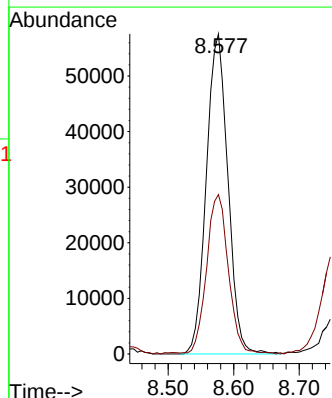
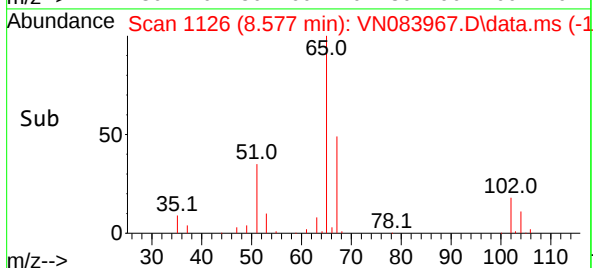
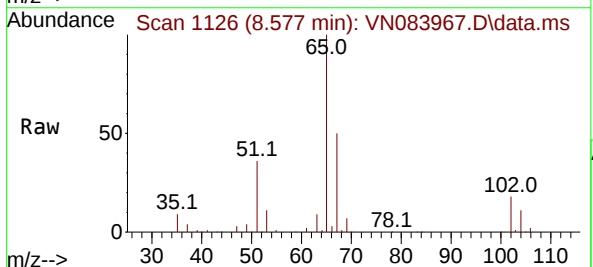


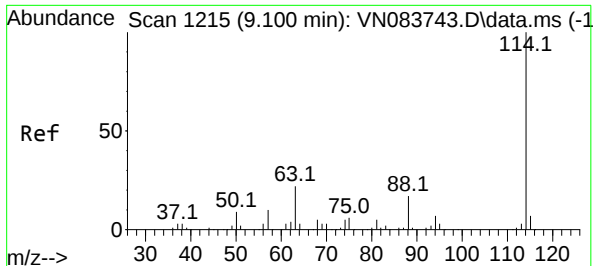
Tgt Ion: 56 Resp: 105359
Ion Ratio Lower Upper
56 100
69 9.3 26.9 40.3#
84 34.4 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 49.147 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 65 Resp: 131429
Ion Ratio Lower Upper
65 100
67 50.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

ClientSampleId :

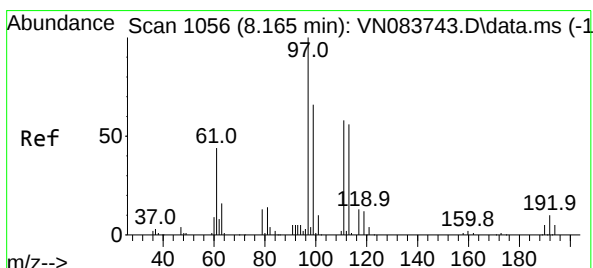
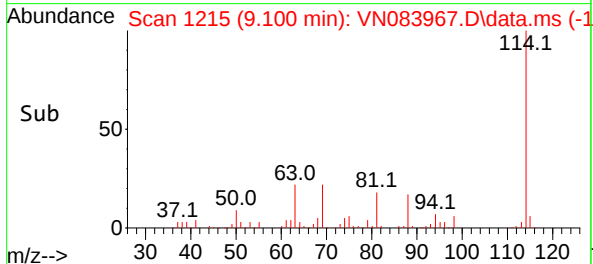
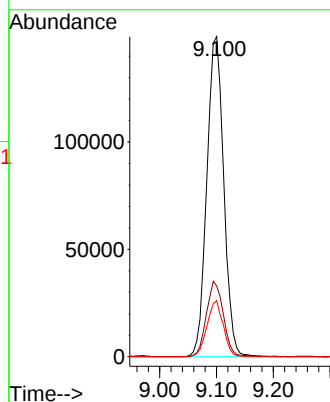
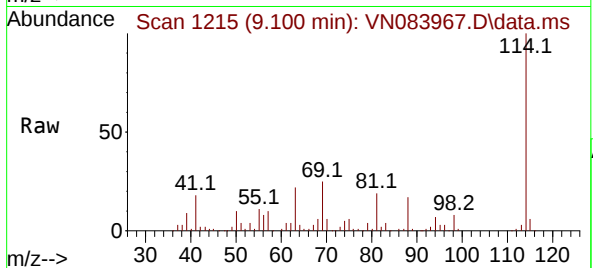
Tgt Ion:114 Resp: 307526

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.4

88 17.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.724 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

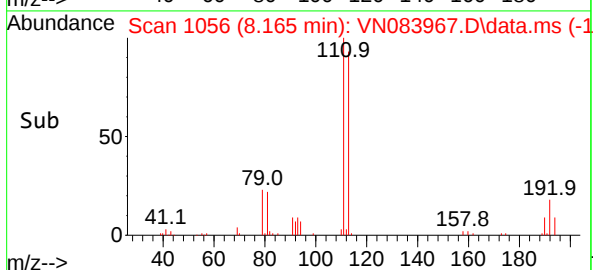
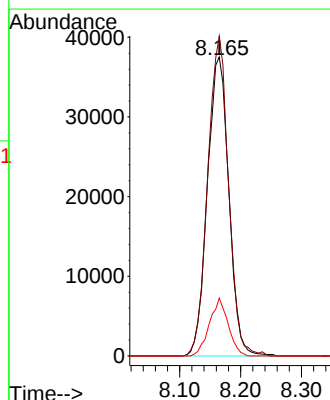
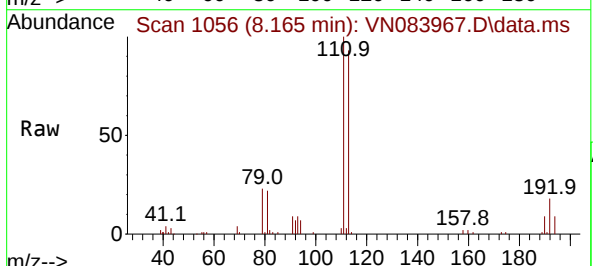
Tgt Ion:113 Resp: 91988

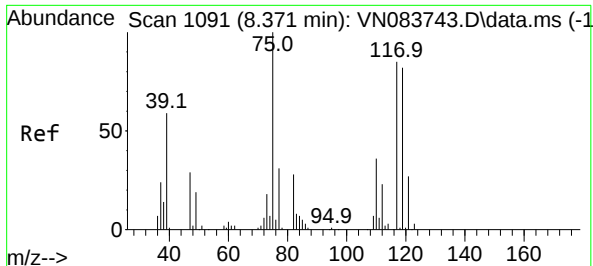
Ion Ratio Lower Upper

113 100

111 103.5 82.6 124.0

192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.645 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

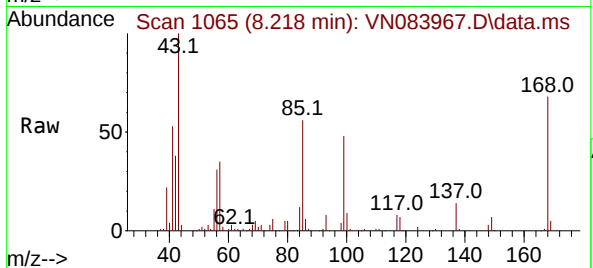
Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

ClientSampleId :



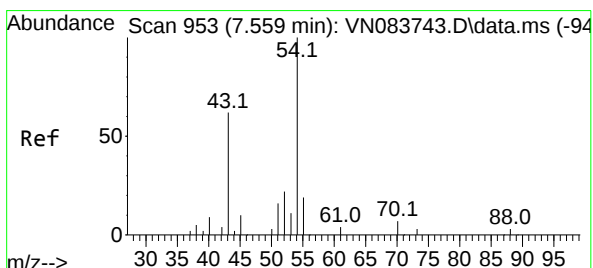
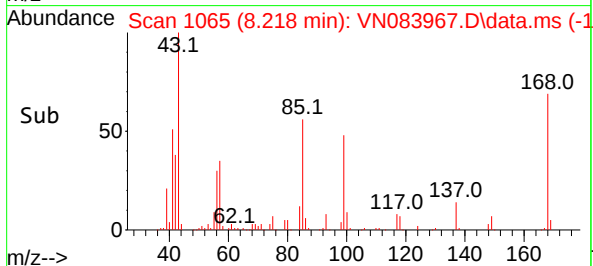
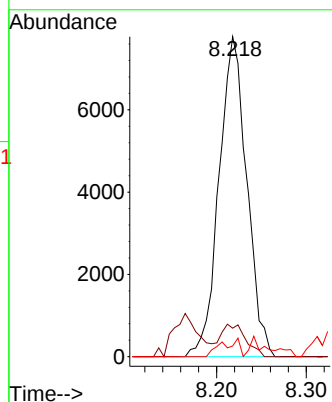
Tgt Ion: 75 Resp: 16728

Ion Ratio Lower Upper

75 100

110 9.3 16.7 50.1#

77 3.6 25.2 37.8#



#37

Ethyl Acetate

Concen: 3.425 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.071 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

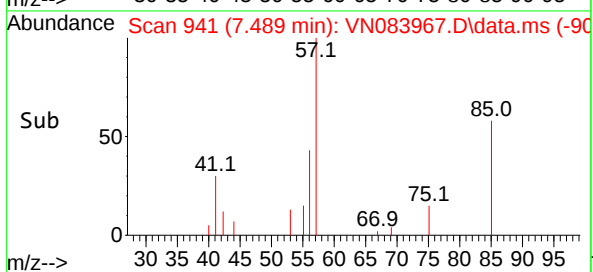
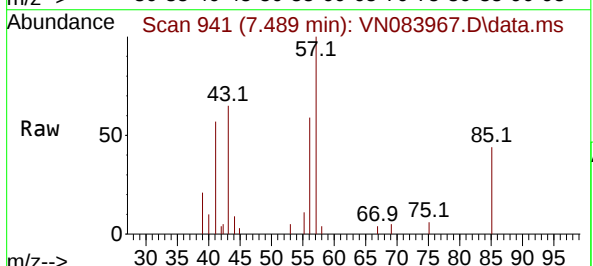
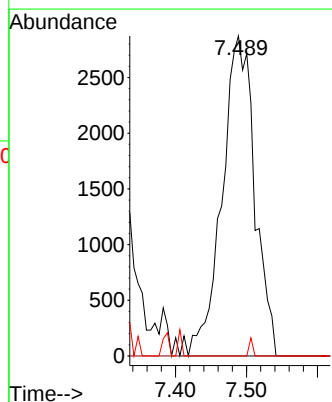
Tgt Ion: 43 Resp: 9212

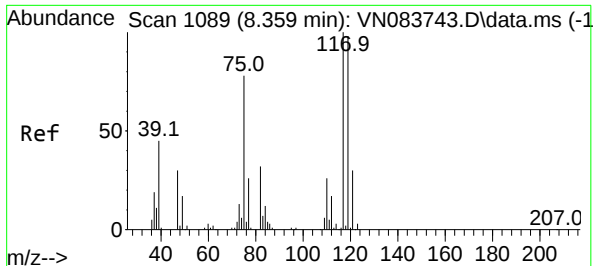
Ion Ratio Lower Upper

43 100

61 0.0 11.1 16.7#

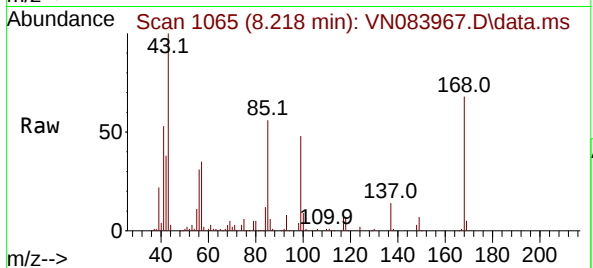
70 0.6 8.8 13.2#



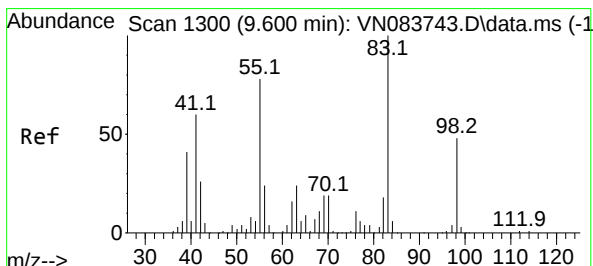
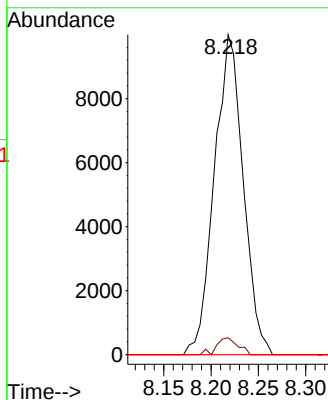
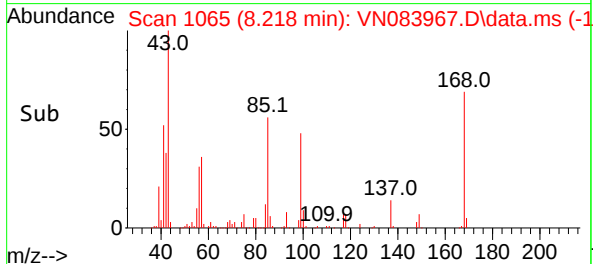


#38
Carbon Tetrachloride
Concen: 6.296 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Instrument :
MSVOA_N
ClientSampleId :

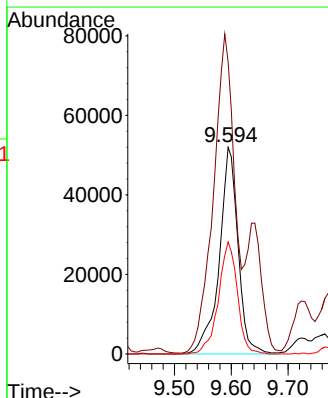
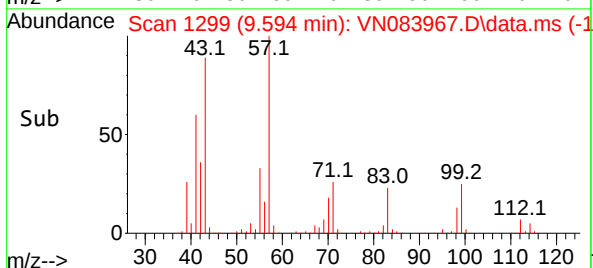
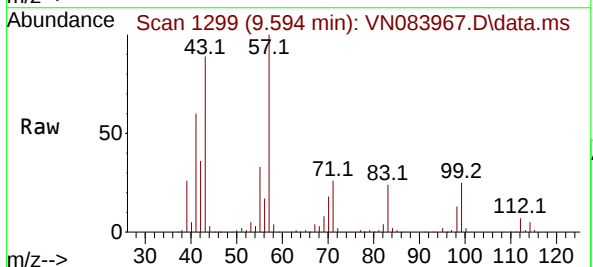


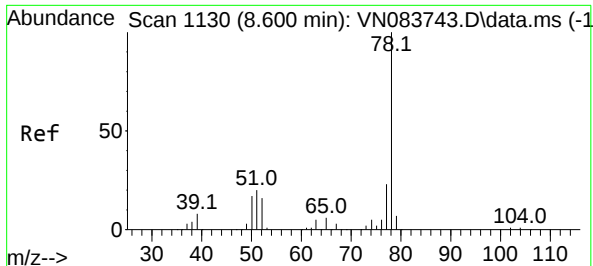
Tgt Ion:117 Resp: 21166
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 35.475 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 83 Resp: 119654
Ion Ratio Lower Upper
83 100
55 141.0 62.2 93.4#
98 54.2 37.6 56.4

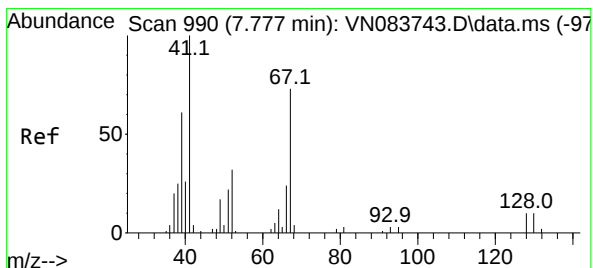
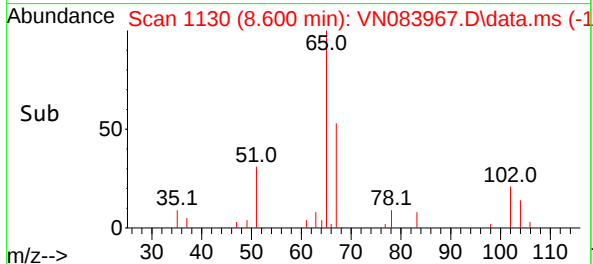
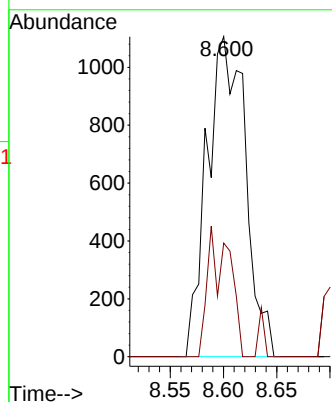
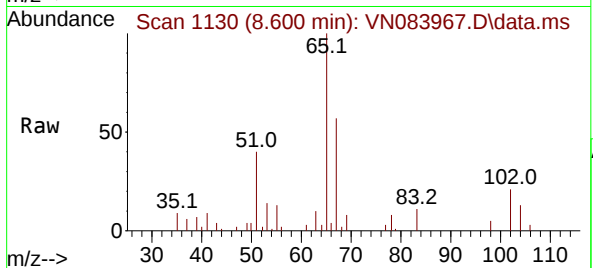




#40
Benzene
Concen: 0.312 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

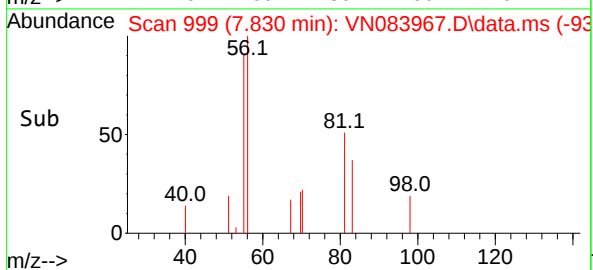
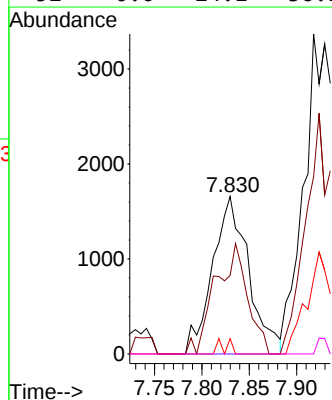
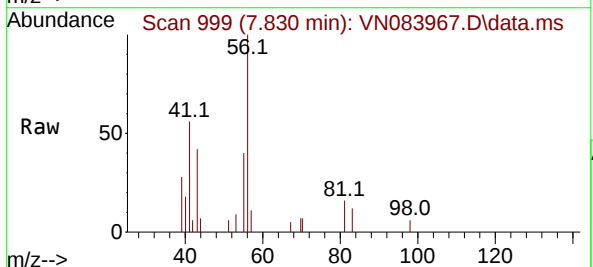
Instrument :
MSVOA_N
ClientSampleId :

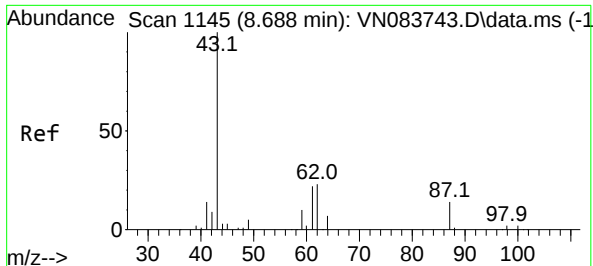
Tgt Ion: 78 Resp: 2783
Ion Ratio Lower Upper
78 100
77 35.5 19.0 28.6#



#41
Methacrylonitrile
Concen: 2.762 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.053 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 41 Resp: 4394
Ion Ratio Lower Upper
41 100
39 62.2 45.4 68.2
67 0.0 55.9 83.9#
52 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 7.292 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

ClientSampleId :

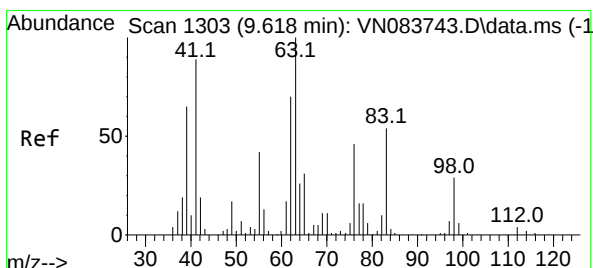
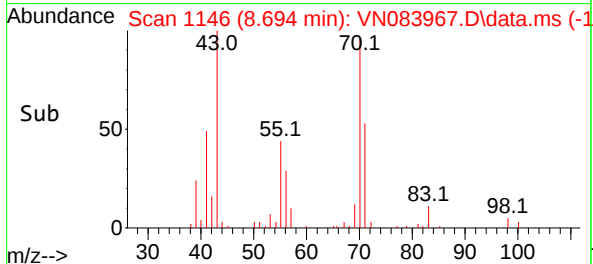
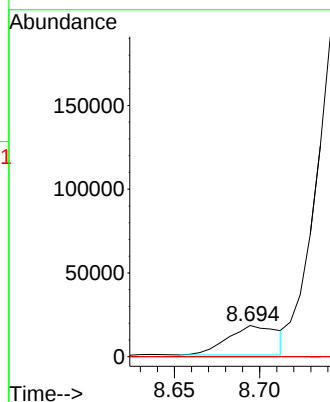
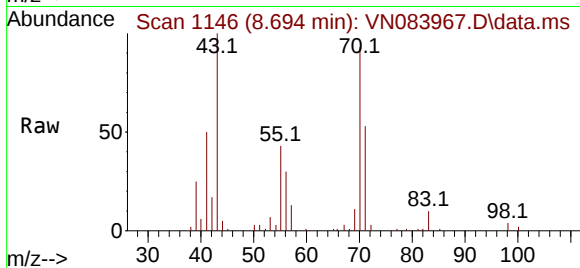
Tgt Ion: 43 Resp: 35543

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#45

1,2-Dichloropropane

Concen: 0.752 ug/l

RT: 9.641 min Scan# 1307

Delta R.T. 0.024 min

Lab File: VN083967.D

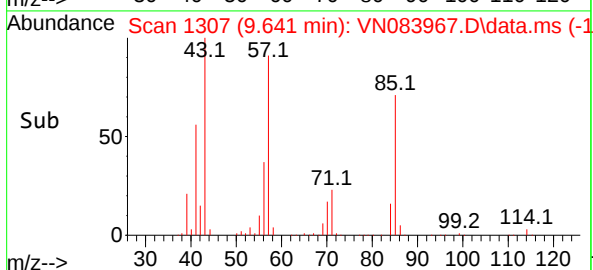
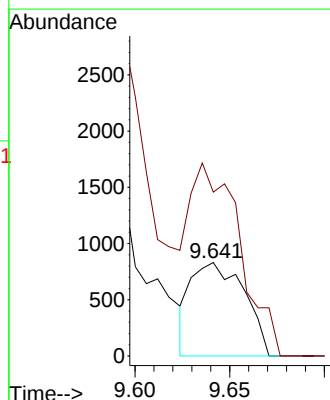
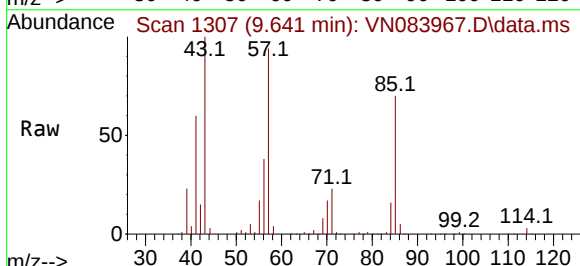
Acq: 18 Sep 2024 07:09

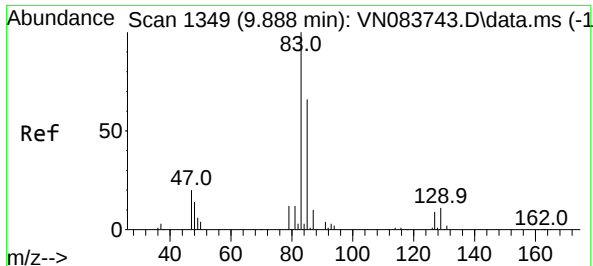
Tgt Ion: 63 Resp: 1622

Ion Ratio Lower Upper

63 100

65 175.1 25.9 38.9#

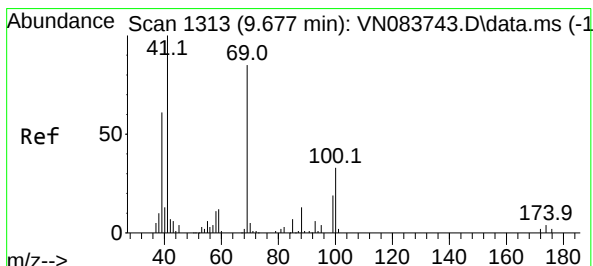
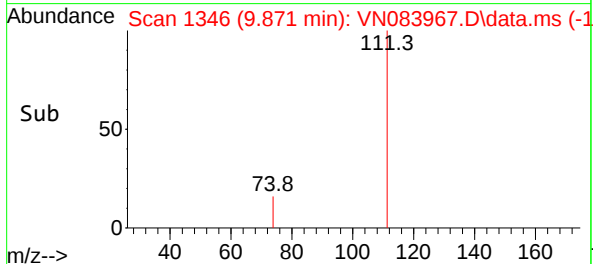
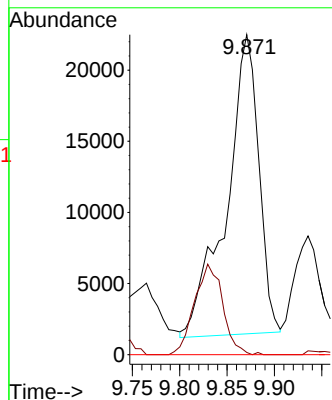
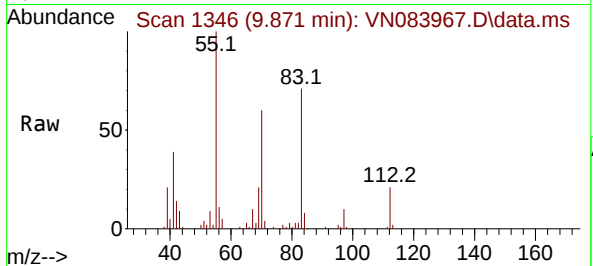




#47
Bromodichloromethane
Concen: 15.345 ug/l
RT: 9.871 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

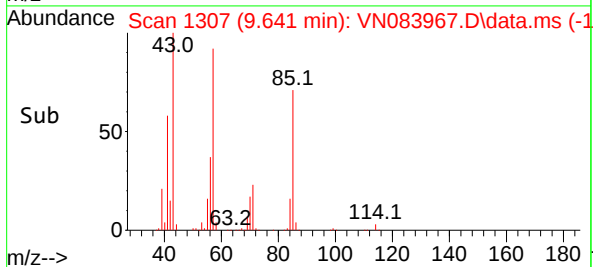
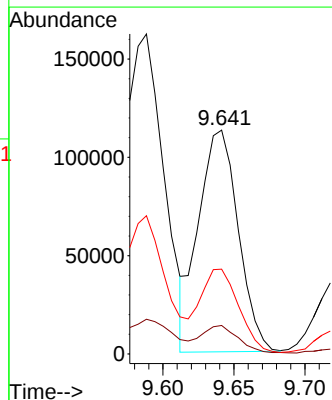
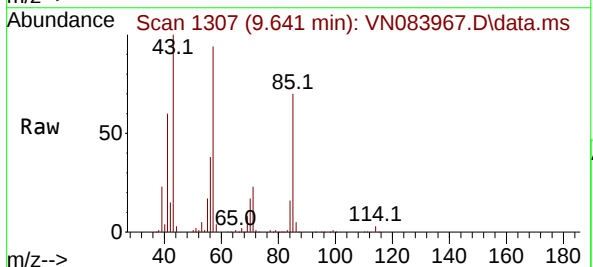
Instrument :
MSVOA_N
ClientSampleId :

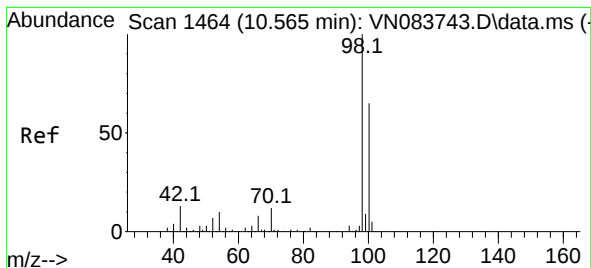
Tgt Ion: 83 Resp: 50144
Ion Ratio Lower Upper
83 100
85 0.7 51.8 77.8#
127 0.0 6.6 9.8#



#48
Methyl methacrylate
Concen: 94.906 ug/l
RT: 9.641 min Scan# 1307
Delta R.T. -0.035 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 41 Resp: 219471
Ion Ratio Lower Upper
41 100
69 11.4 64.3 96.5#
39 35.7 48.9 73.3#





#50

Toluene-d8

Concen: 56.311 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

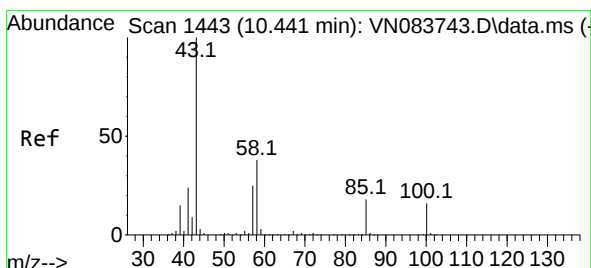
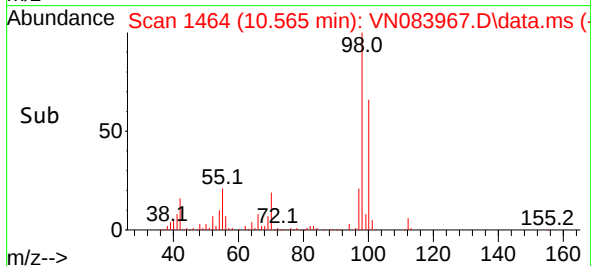
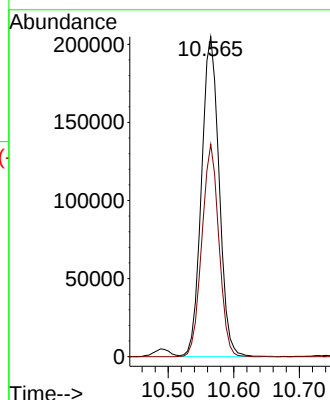
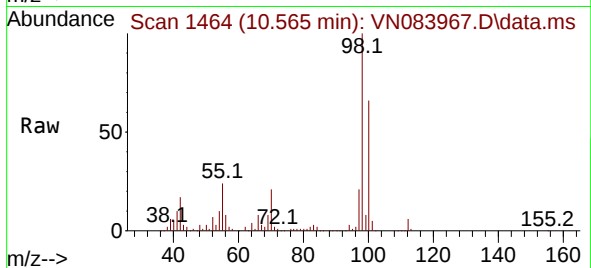
ClientSampleId :

Tgt Ion: 98 Resp: 383254

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 138.181 ug/l

RT: 10.494 min Scan# 1452

Delta R.T. 0.053 min

Lab File: VN083967.D

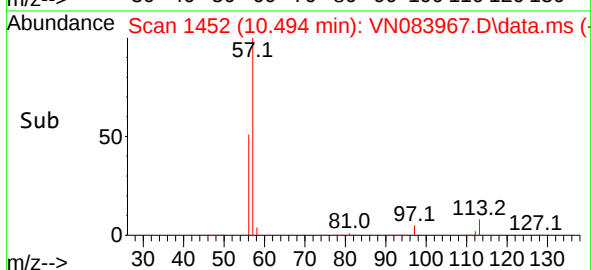
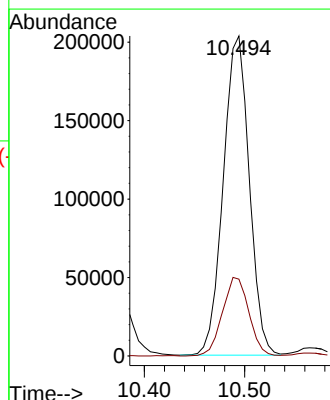
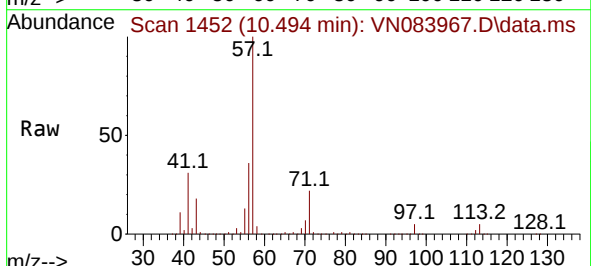
Acq: 18 Sep 2024 07:09

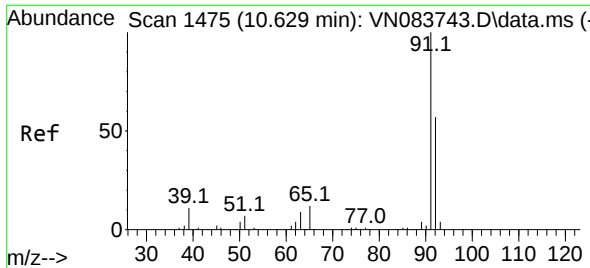
Tgt Ion: 43 Resp: 366631

Ion Ratio Lower Upper

43 100

58 25.0 31.6 47.4#

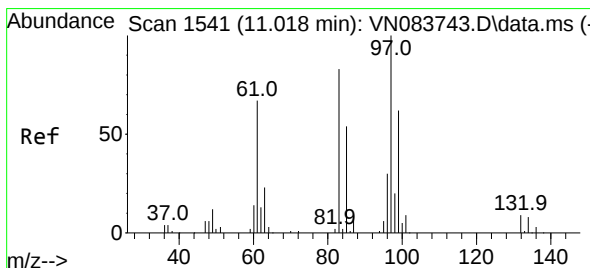
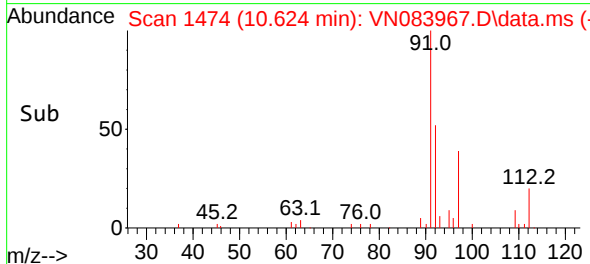
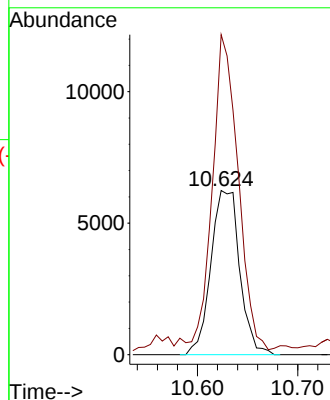
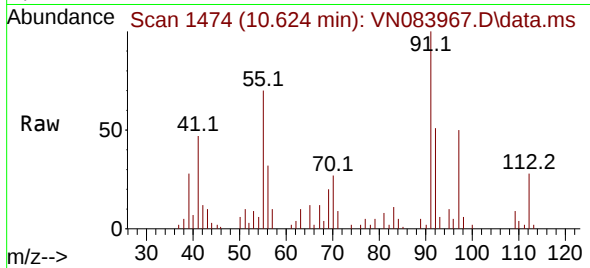




#52
Toluene
Concen: 2.284 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

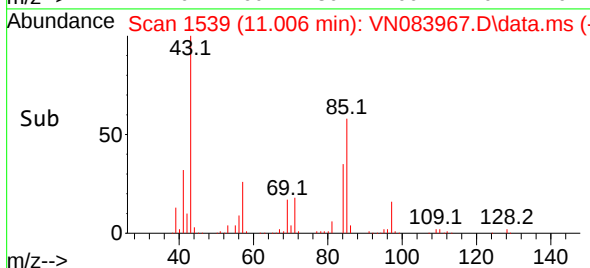
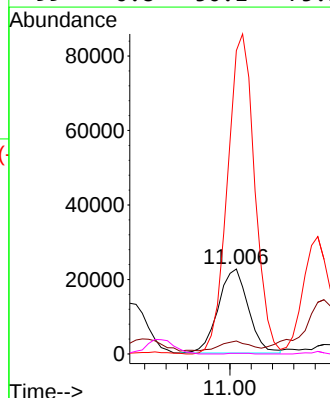
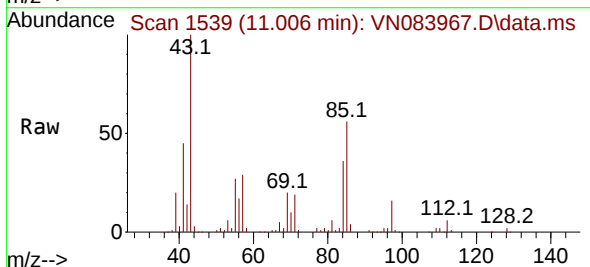
Instrument :
MSVOA_N
ClientSampleId :

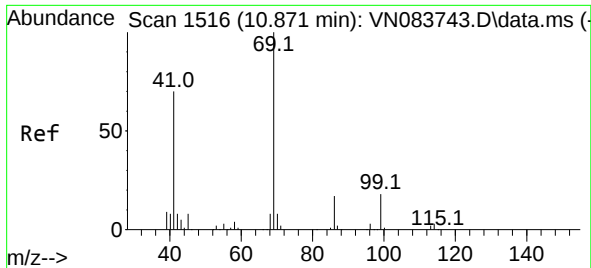
Tgt Ion: 92 Resp: 12460
Ion Ratio Lower Upper
92 100
91 173.1 134.7 202.1



#55
1,1,2-Trichloroethane
Concen: 21.648 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 97 Resp: 44091
Ion Ratio Lower Upper
97 100
83 12.0 67.5 101.3#
85 360.9 44.2 66.2#
99 0.8 50.1 75.1#

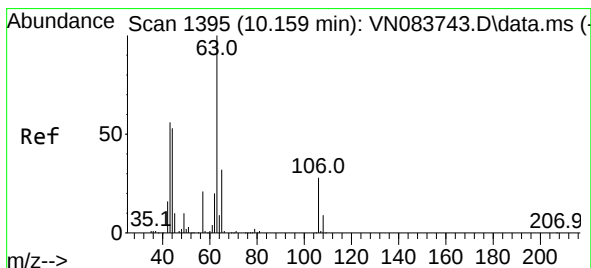
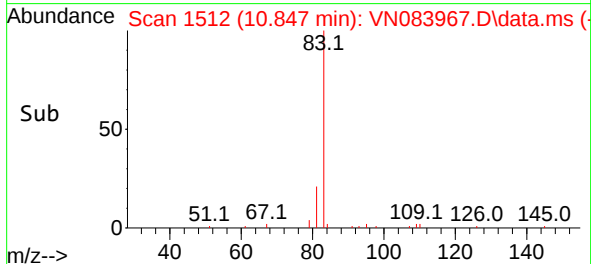
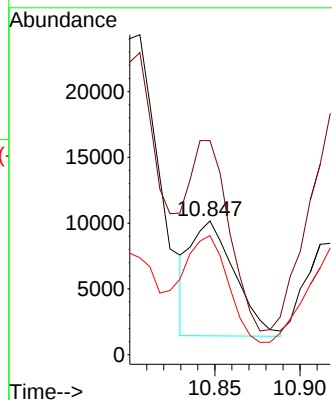
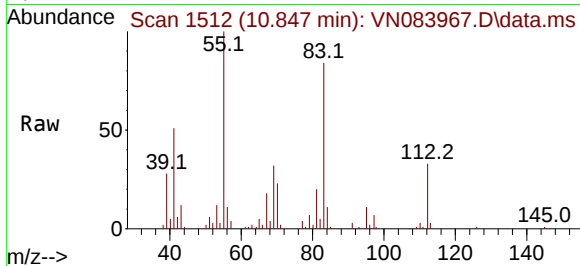




#56
Ethyl methacrylate
Concen: 5.018 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. -0.023 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

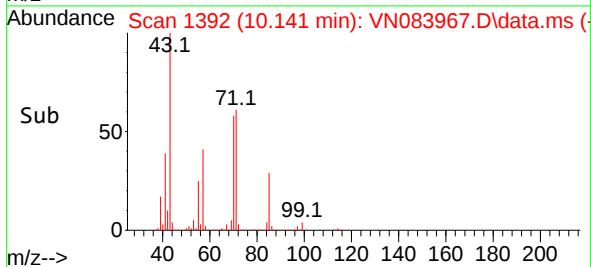
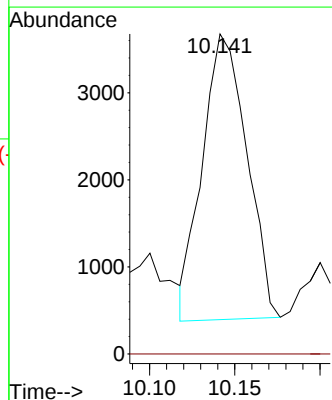
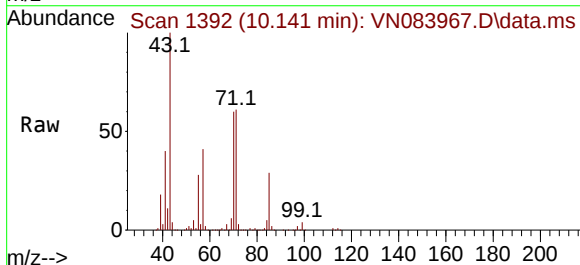
Instrument :
MSVOA_N
ClientSampleId :

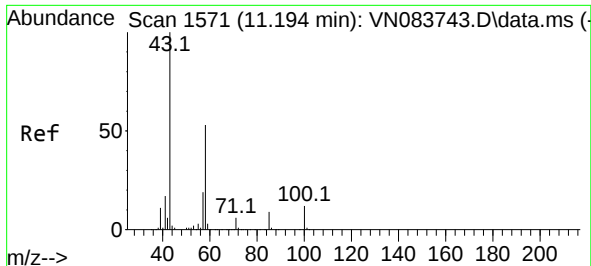
Tgt Ion: 69 Resp: 15725
Ion Ratio Lower Upper
69 100
41 146.7 53.9 80.9#
39 90.8 32.6 48.8#



#58
2-Chloroethyl Vinyl ether
Concen: 5.274 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.018 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 63 Resp: 5955
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#

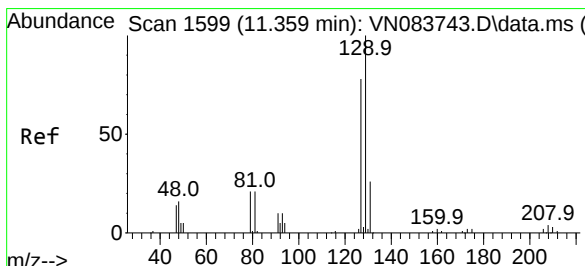
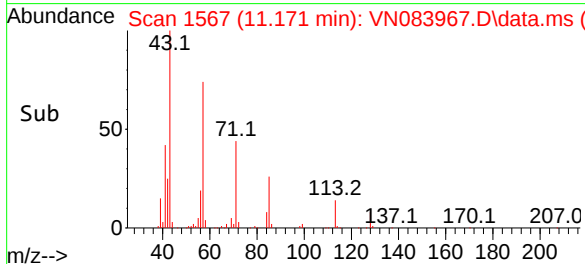
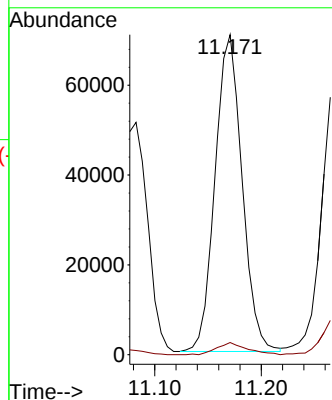
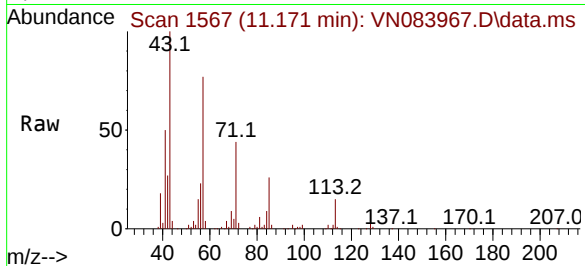




#59
2-Hexanone
Concen: 63.274 ug/l
RT: 11.171 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

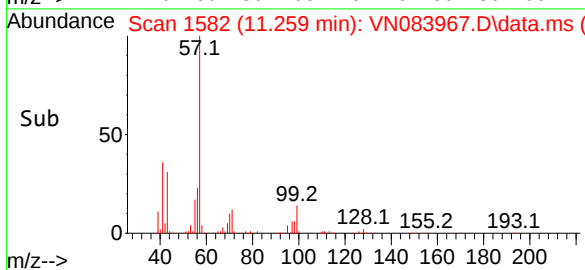
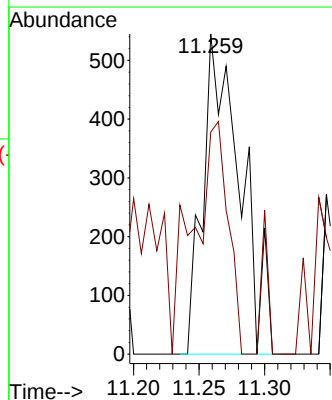
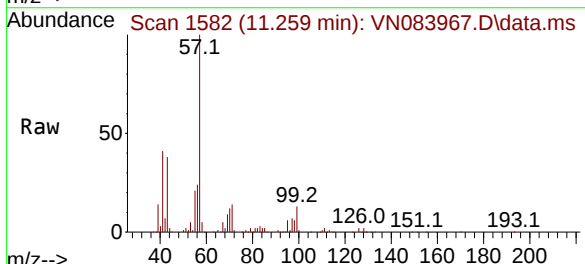
Instrument :
MSVOA_N
ClientSampleId :

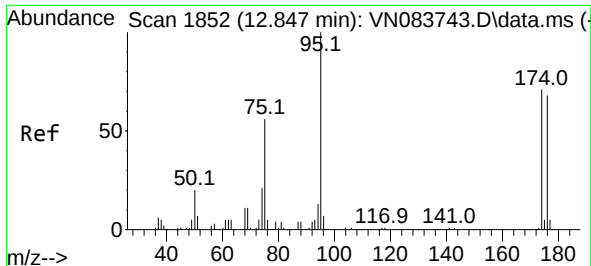
Tgt Ion: 43 Resp: 124186
Ion Ratio Lower Upper
43 100
58 4.3 27.2 81.5#



#60
Dibromochloromethane
Concen: 0.472 ug/l
RT: 11.259 min Scan# 1582
Delta R.T. -0.100 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion:129 Resp: 1076
Ion Ratio Lower Upper
129 100
127 67.4 39.0 116.9

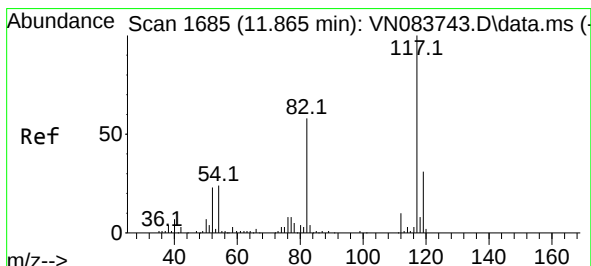
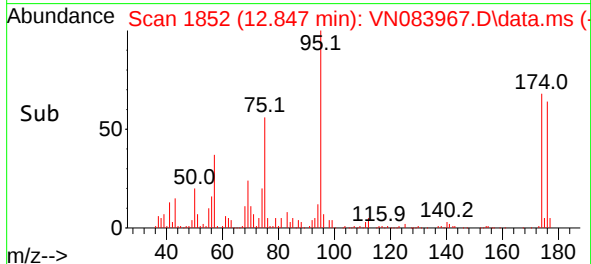
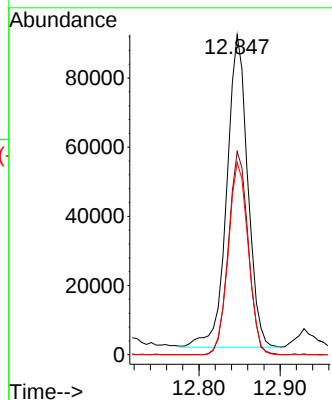
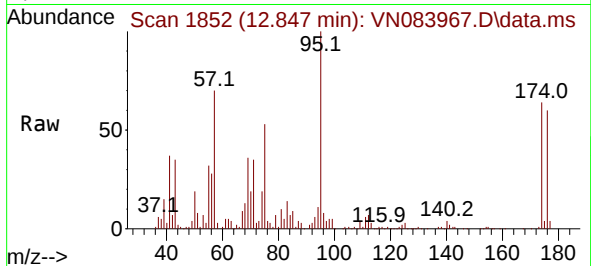




#62
4-Bromofluorobenzene
Concen: 57.507 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

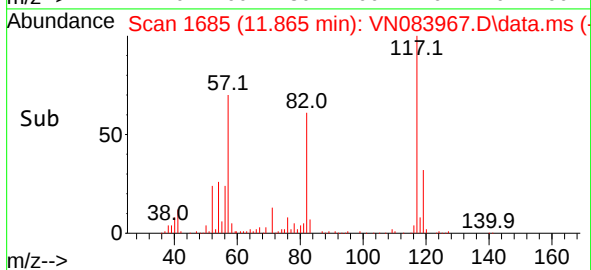
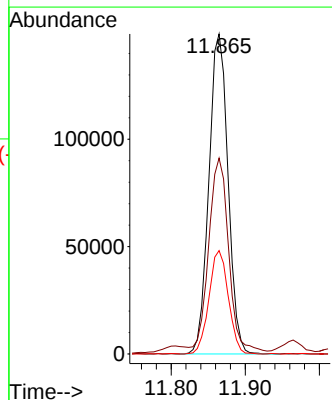
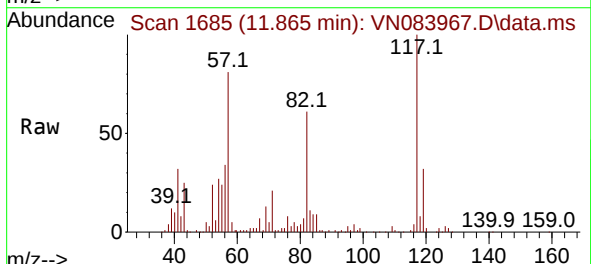
Instrument :
MSVOA_N
ClientSampleId :

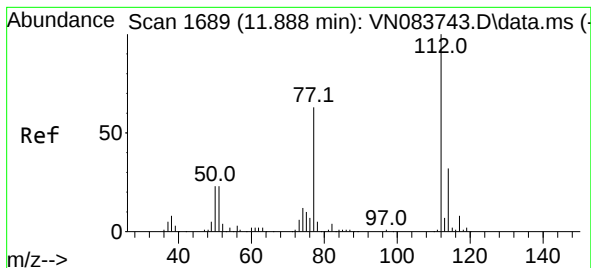
Tgt Ion: 95 Resp: 161480
Ion Ratio Lower Upper
95 100
174 61.2 0.0 139.8
176 58.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 117 Resp: 267115
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 32.3 26.3 39.5





#65

Chlorobenzene

Concen: 0.274 ug/l

RT: 11.994 min Scan# 11

Delta R.T. 0.106 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

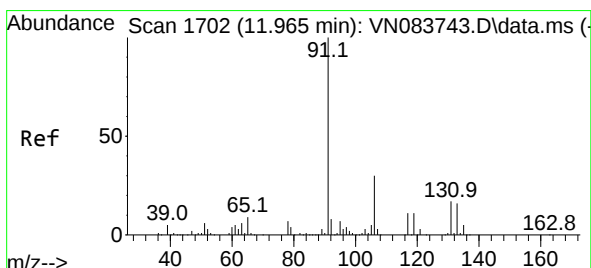
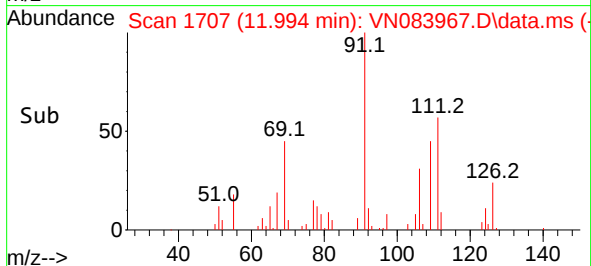
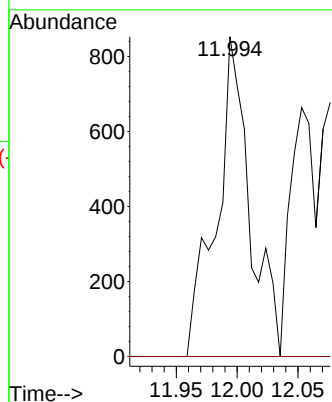
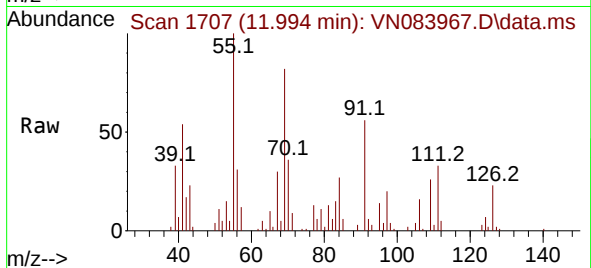
ClientSampleId :

Tgt Ion:112 Resp: 1626

Ion Ratio Lower Upper

112 100

114 0.0 25.7 38.5#



#67

Ethyl Benzene

Concen: 85.016 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN083967.D

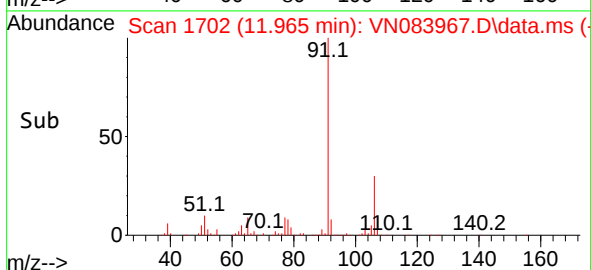
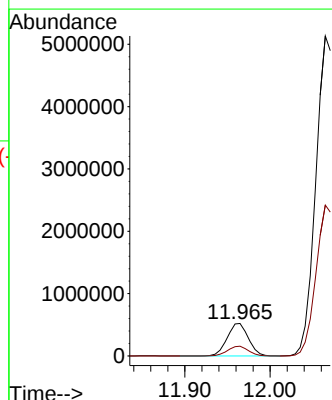
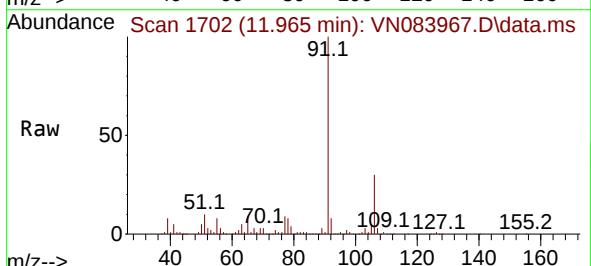
Acq: 18 Sep 2024 07:09

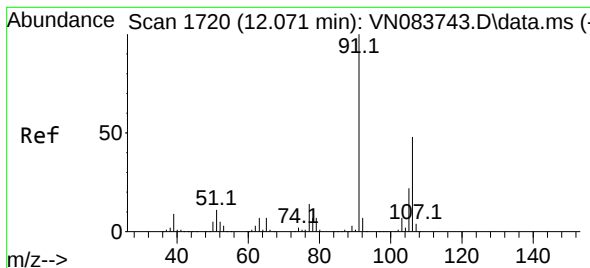
Tgt Ion: 91 Resp: 896596

Ion Ratio Lower Upper

91 100

106 30.0 24.3 36.5

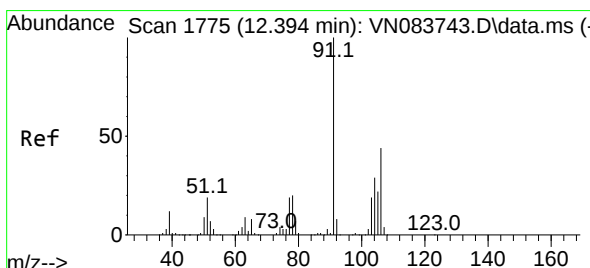
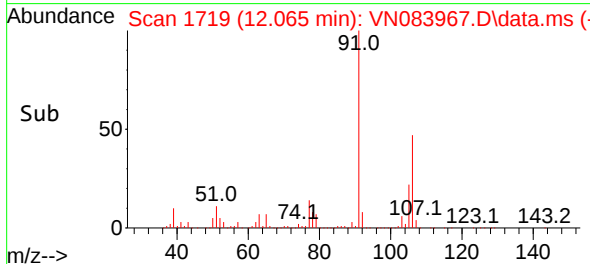
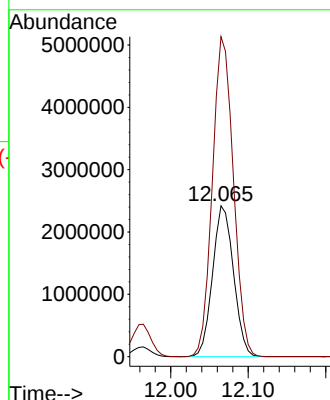
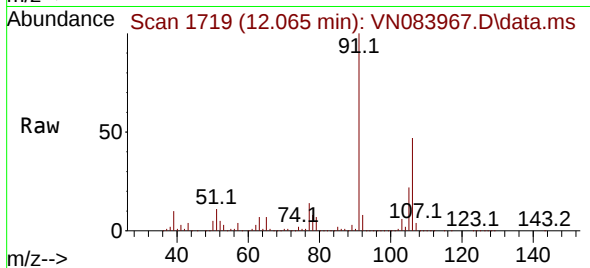




#68
m/p-Xylenes
Concen: 1160.574 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

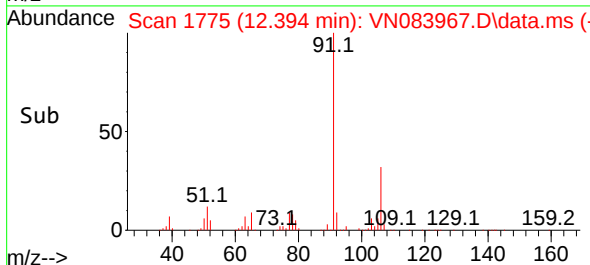
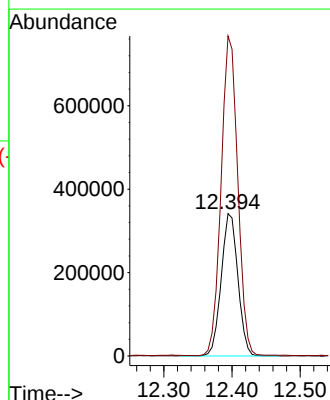
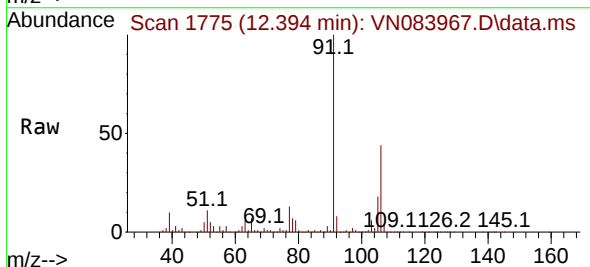
Instrument :
MSVOA_N
ClientSampleId :

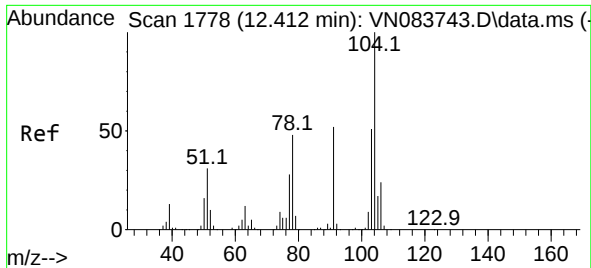
Tgt Ion:106 Resp: 4544150
Ion Ratio Lower Upper
106 100
91 212.5 169.2 253.8



#69
o-Xylene
Concen: 153.253 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion:106 Resp: 580894
Ion Ratio Lower Upper
106 100
91 224.2 112.9 338.6

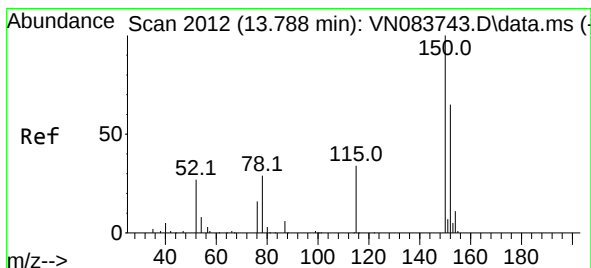
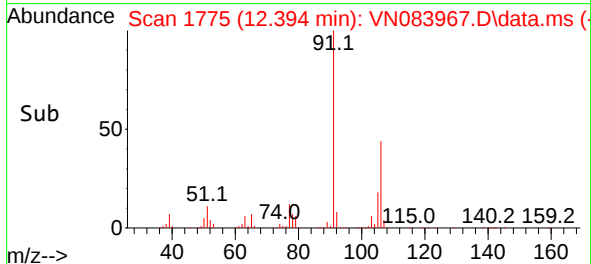
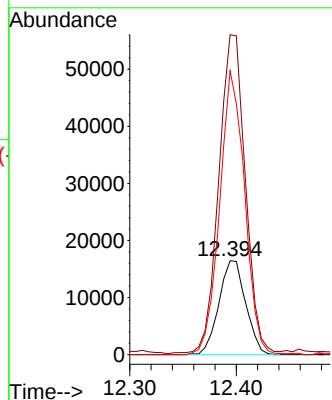
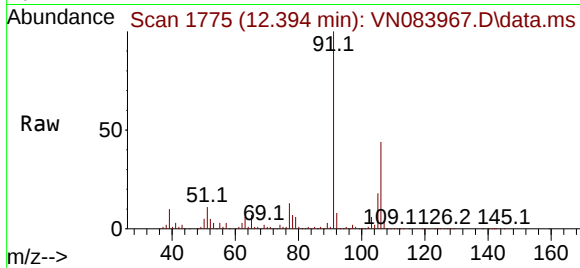




#70
Styrene
Concen: 4.615 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

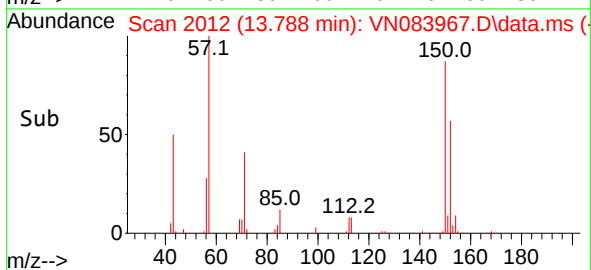
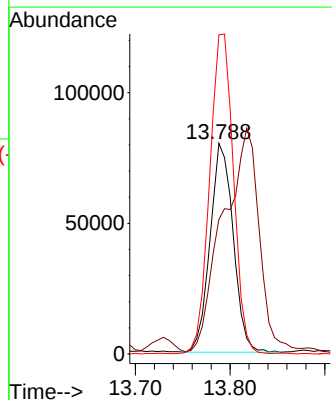
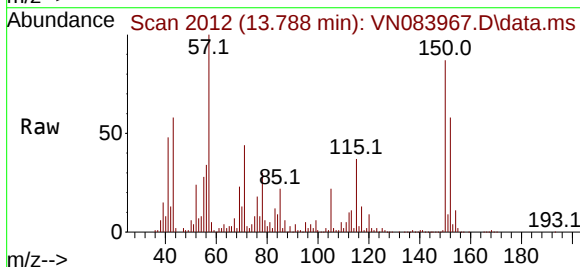
Instrument :
MSVOA_N
ClientSampleId :

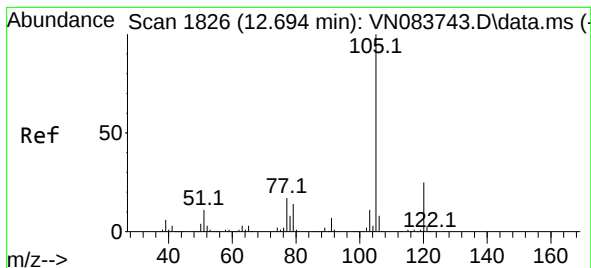
Tgt Ion:104 Resp: 28709
Ion Ratio Lower Upper
104 100
78 336.3 43.3 64.9#
103 282.9 43.4 65.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion:152 Resp: 135411
Ion Ratio Lower Upper
152 100
115 0.0 32.2 96.6#
150 157.5 0.0 348.6





#73

Isopropylbenzene

Concen: 95.292 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

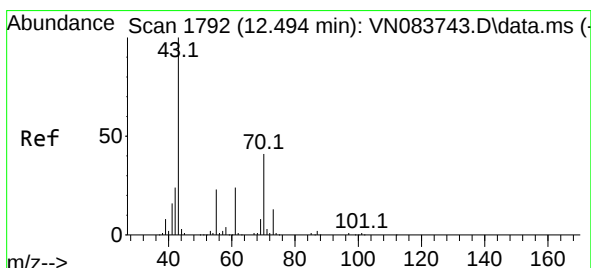
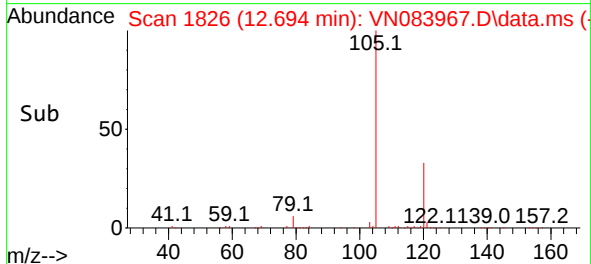
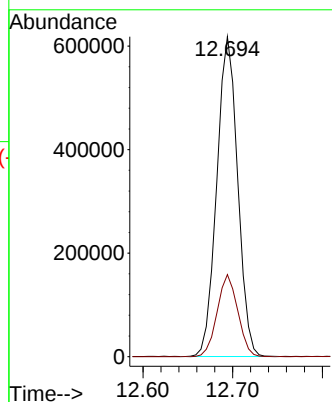
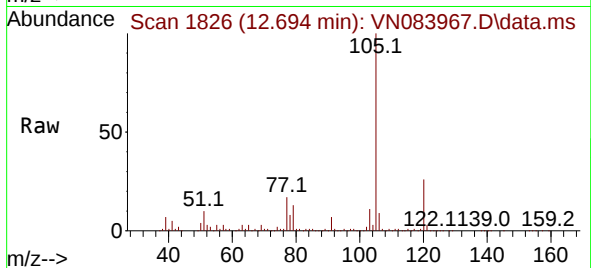
ClientSampleId :

Tgt Ion:105 Resp: 998306

Ion Ratio Lower Upper

105 100

120 25.3 12.6 37.8



#74

N-ethyl acetate

Concen: 23.849 ug/l

RT: 12.476 min Scan# 1789

Delta R.T. -0.018 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Tgt Ion: 43 Resp: 106598

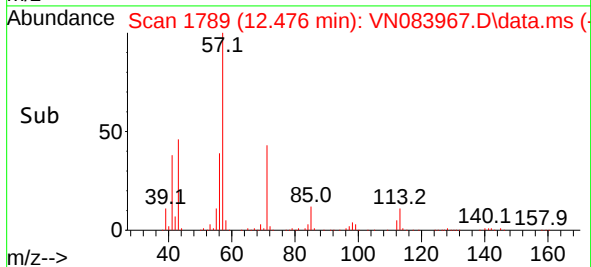
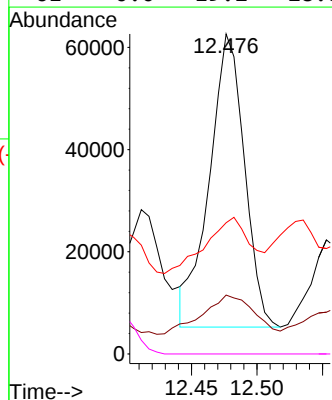
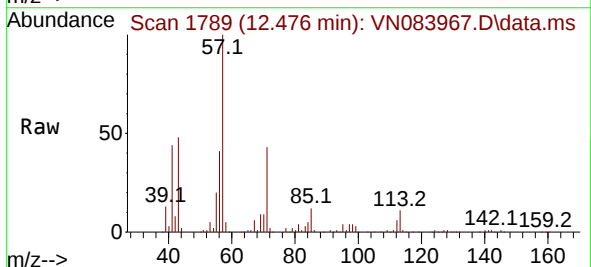
Ion Ratio Lower Upper

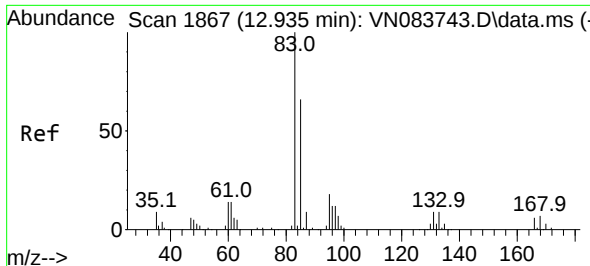
43 100

70 19.3 34.5 51.7#

55 24.3 18.6 28.0

61 0.0 19.2 28.8#

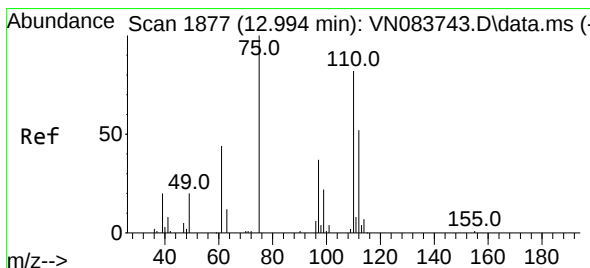
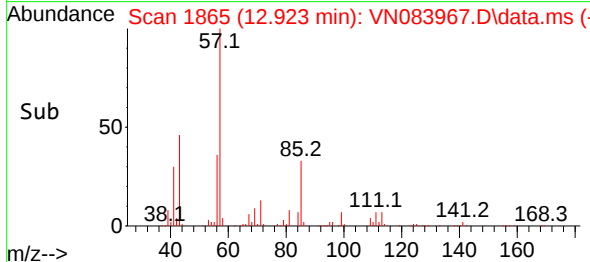
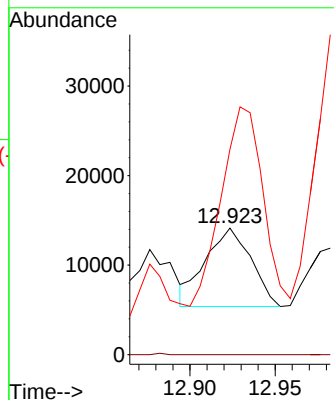
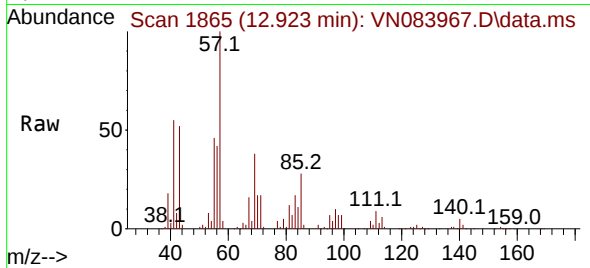




#75
1,1,2,2-Tetrachloroethane
Concen: 5.319 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. -0.012 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

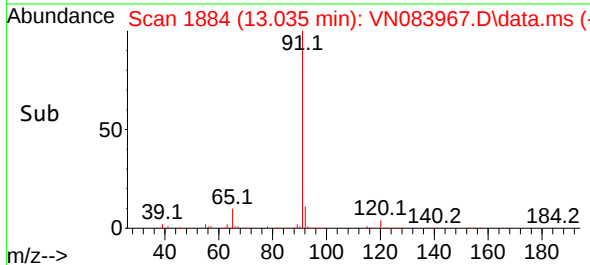
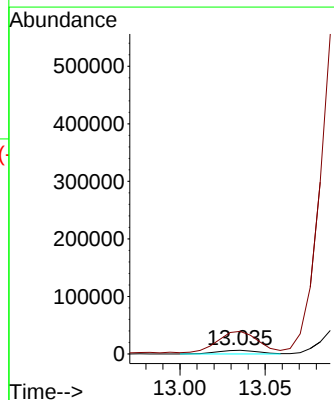
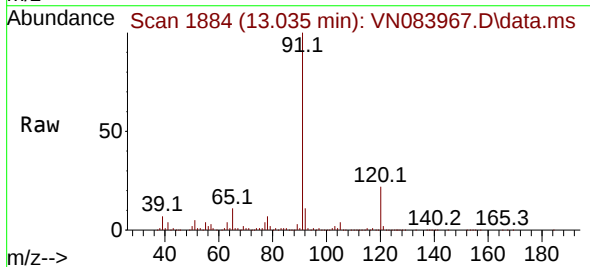
Instrument :
MSVOA_N
ClientSampleId :

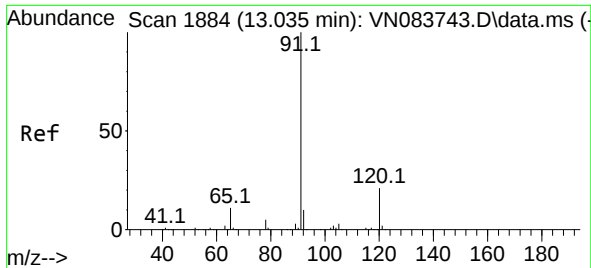
Tgt Ion: 83 Resp: 16373
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 230.6 31.9 95.9#



#76
1,2,3-Trichloropropane
Concen: 3.843 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 75 Resp: 10501
Ion Ratio Lower Upper
75 100
77 592.4 95.2 285.6#

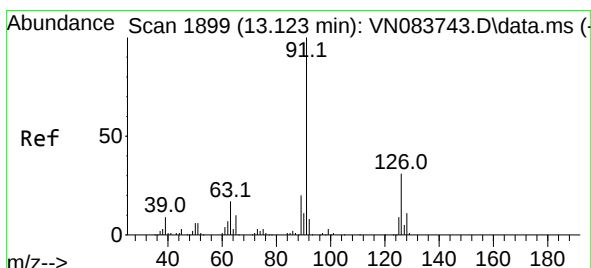
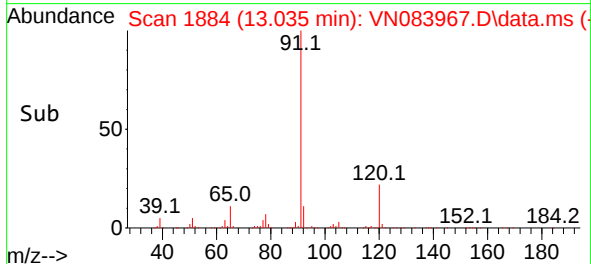
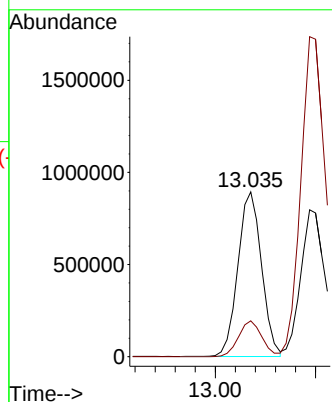
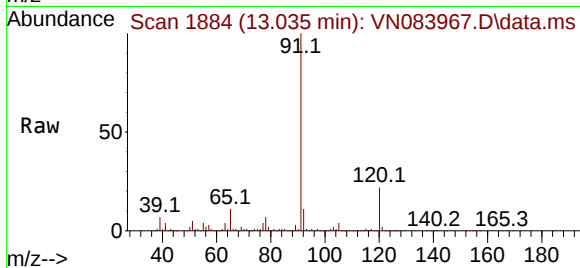




#78
n-propylbenzene
Concen: 119.964 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

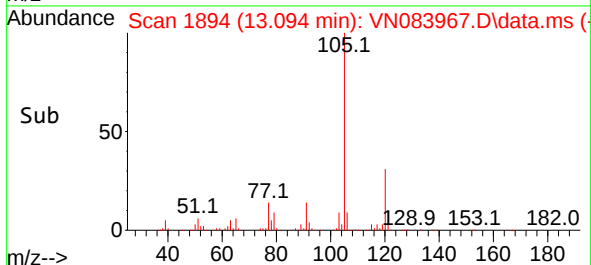
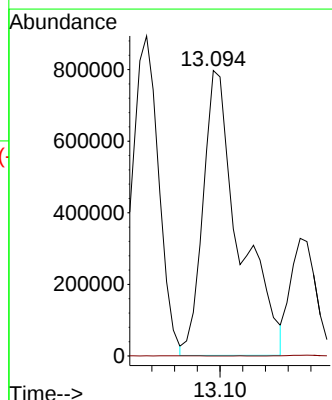
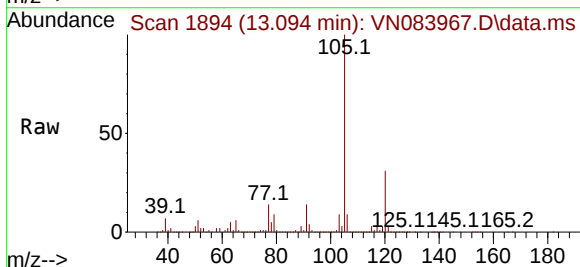
Instrument :
MSVOA_N
ClientSampleId :

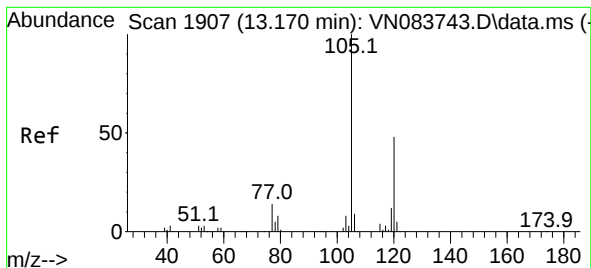
Tgt Ion: 91 Resp: 1462265
Ion Ratio Lower Upper
91 100
120 21.3 11.0 33.0



#79
2-Chlorotoluene
Concen: 227.230 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.029 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 91 Resp: 1766409
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#





#80

1,3,5-Trimethylbenzene

Concen: 507.795 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

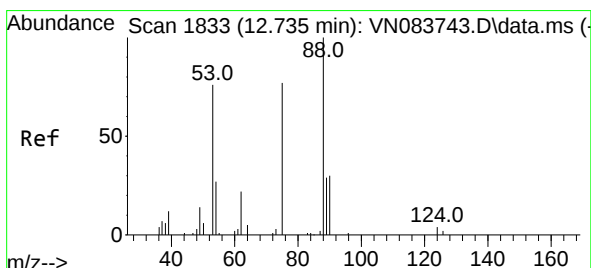
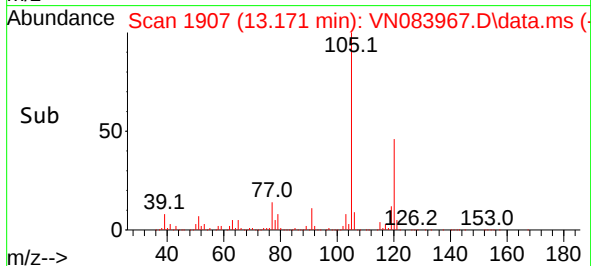
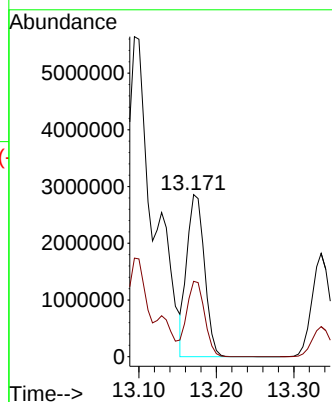
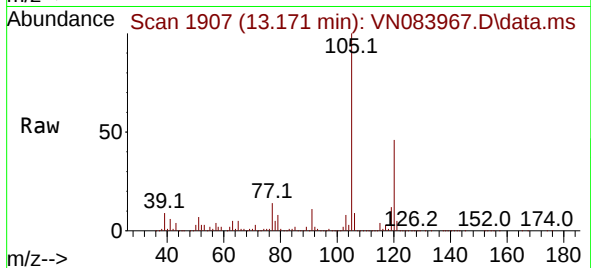
ClientSampleId :

Tgt Ion:105 Resp: 4485091

Ion Ratio Lower Upper

105 100

120 48.9 23.4 70.3



#81

trans-1,4-Dichloro-2-butene

Concen: 12.908 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.041 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

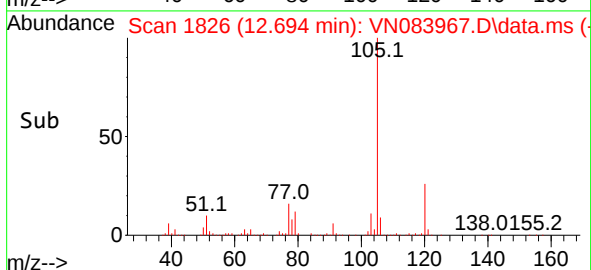
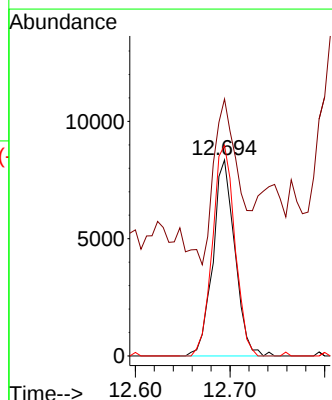
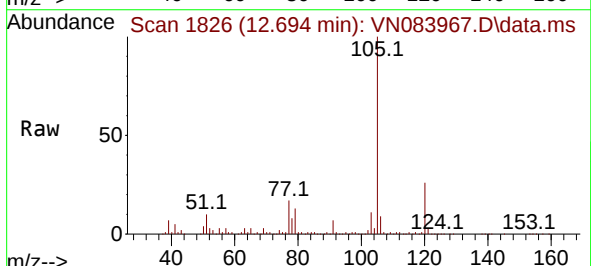
Tgt Ion: 75 Resp: 13466

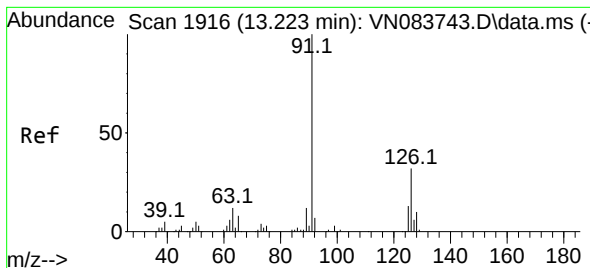
Ion Ratio Lower Upper

75 100

53 96.0 81.2 121.8

89 110.1 35.7 53.5#

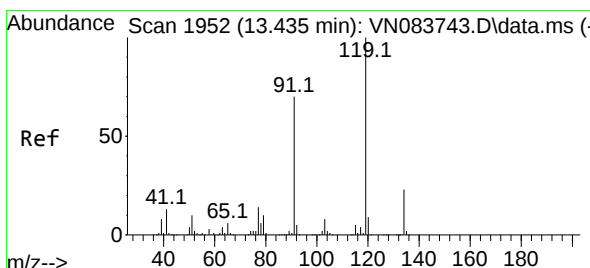
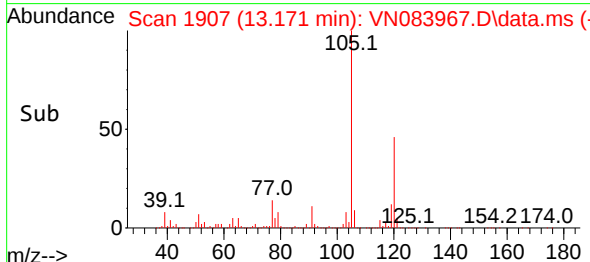
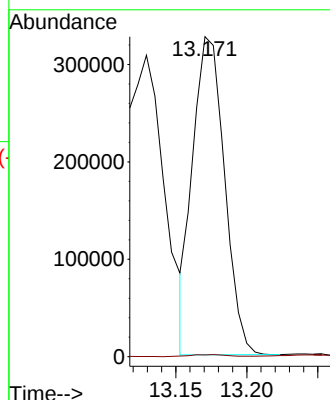
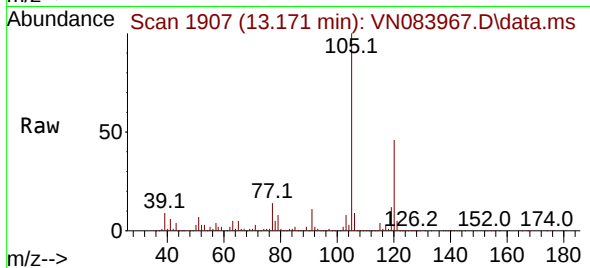




#82
4-Chlorotoluene
Concen: 65.188 ug/l
RT: 13.171 min Scan# 1916
Delta R.T. -0.053 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

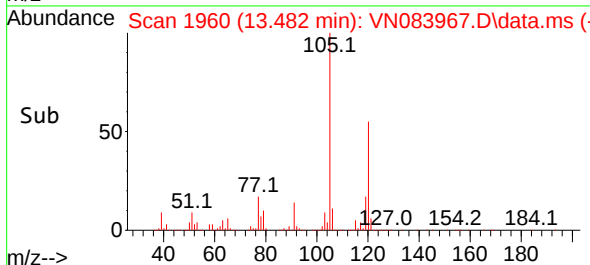
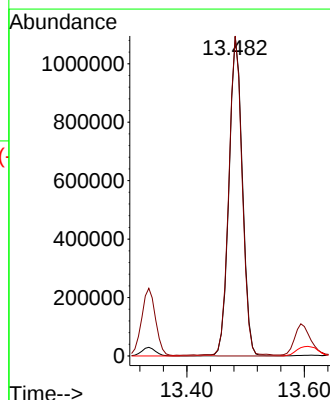
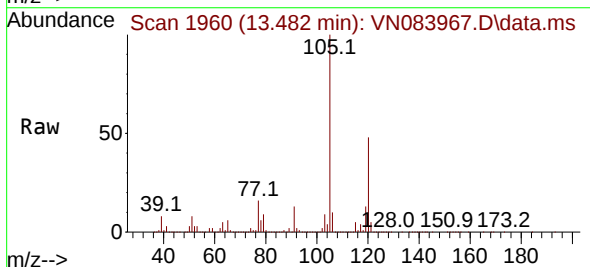
Instrument :
MSVOA_N
ClientSampleId :

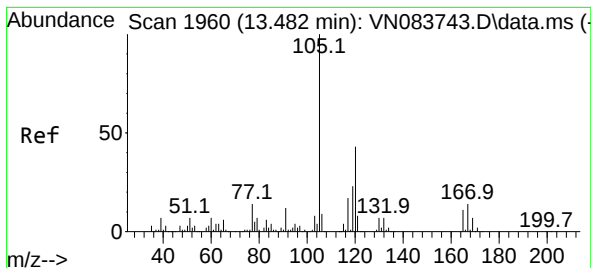
Tgt Ion: 91 Resp: 508529
Ion Ratio Lower Upper
91 100
126 0.8 15.4 46.2#



#83
tert-Butylbenzene
Concen: 223.775 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 119 Resp: 1729214
Ion Ratio Lower Upper
119 100
91 99.0 34.5 103.6
134 0.0 12.8 38.4#





#84

1,2,4-Trimethylbenzene

Concen: 1596.984 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

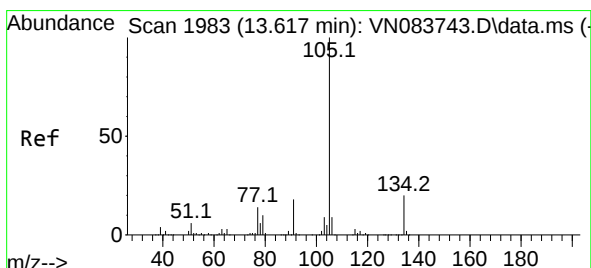
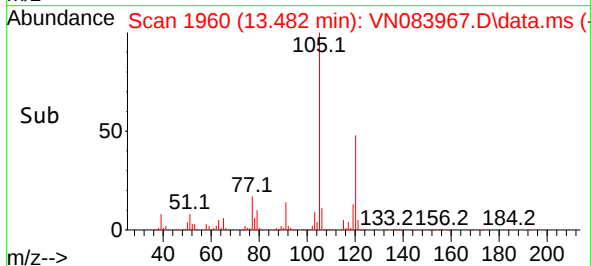
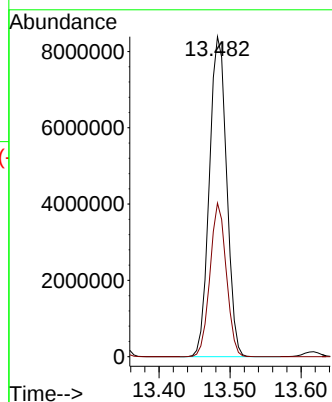
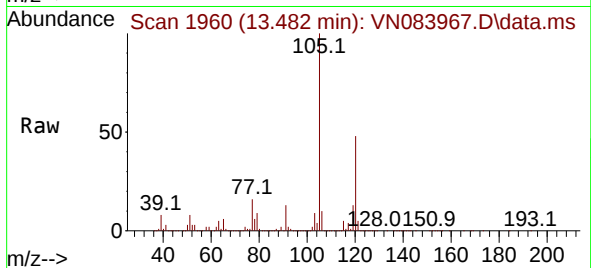
ClientSampleId :

Tgt Ion:105 Resp:14168941

Ion Ratio Lower Upper

105 100

120 45.3 21.8 65.4



#85

sec-Butylbenzene

Concen: 1382.563 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.135 min

Lab File: VN083967.D

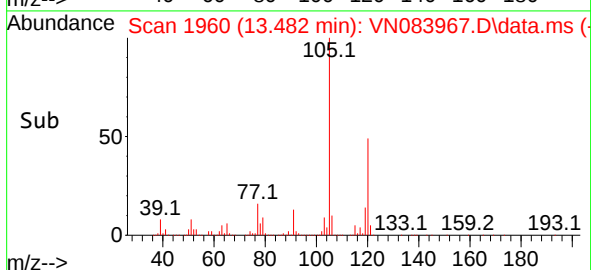
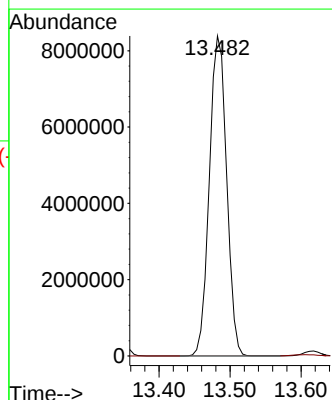
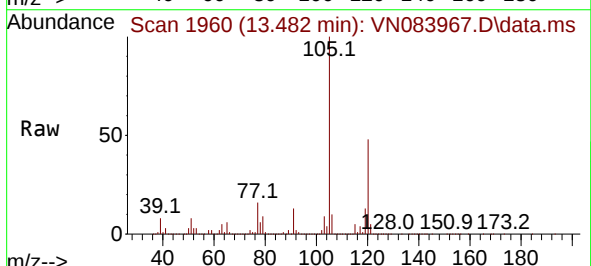
Acq: 18 Sep 2024 07:09

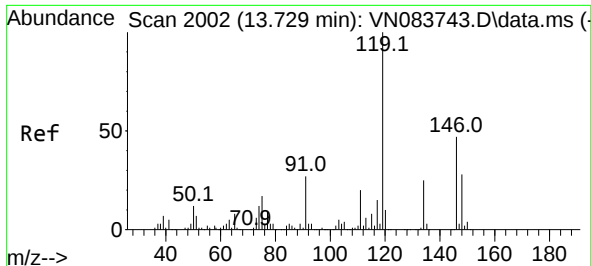
Tgt Ion:105 Resp:14168941

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#

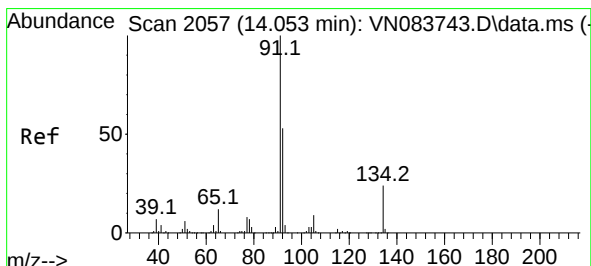
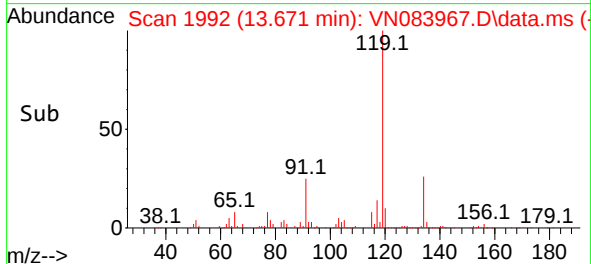
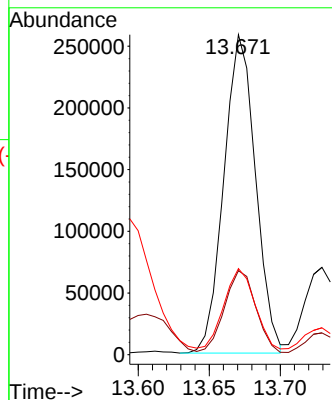
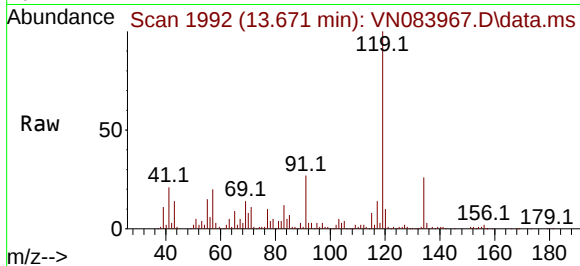




#86
p-Isopropyltoluene
Concen: 46.556 ug/l
RT: 13.671 min Scan# 1992
Delta R.T. -0.059 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

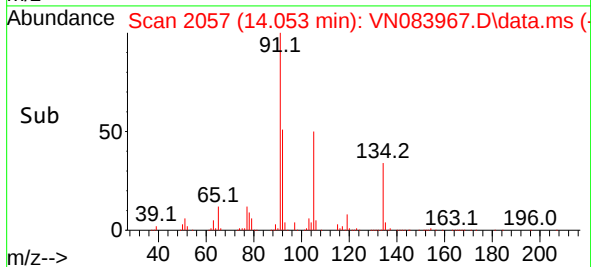
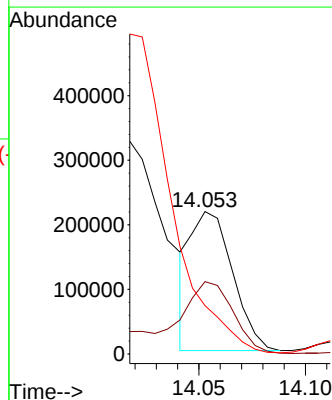
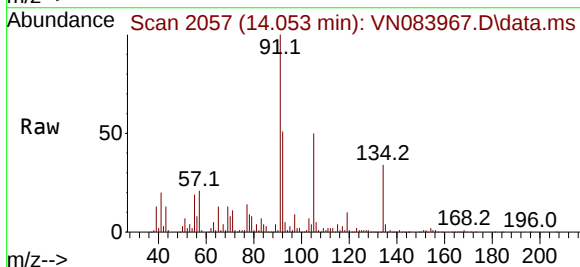
Instrument :
MSVOA_N
ClientSampleId :

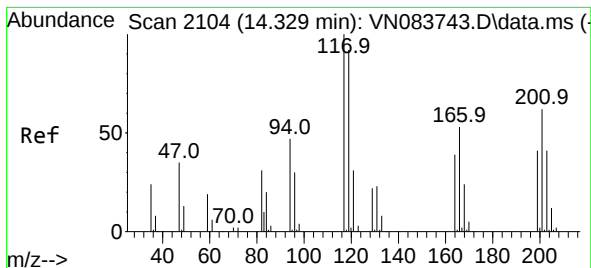
Tgt Ion:119 Resp: 399957
Ion Ratio Lower Upper
119 100
134 26.9 12.8 38.3
91 24.6 12.9 38.7



#89
n-Butylbenzene
Concen: 38.297 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

Tgt Ion: 91 Resp: 295390
Ion Ratio Lower Upper
91 100
92 62.2 26.7 80.1
134 0.0 12.2 36.4#





#90

Hexachloroethane

Concen: 126.861 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

Instrument :

MSVOA_N

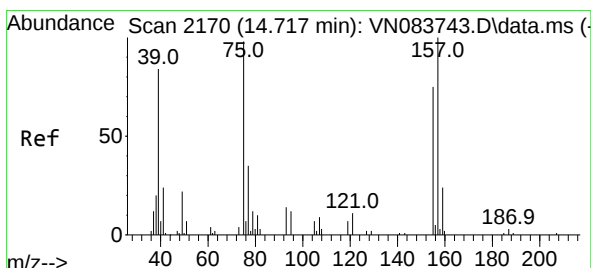
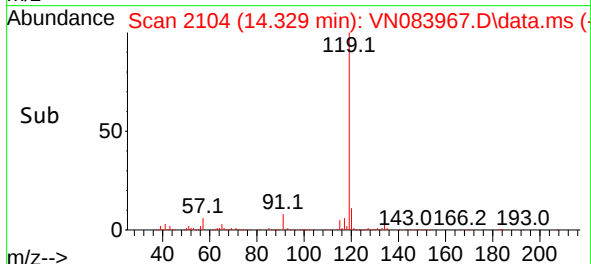
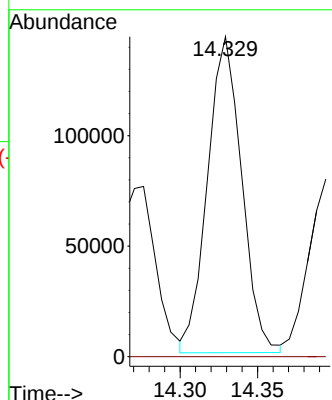
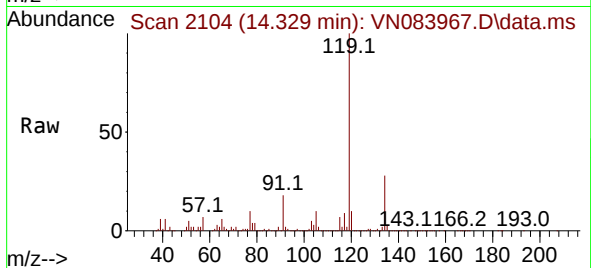
ClientSampleId :

Tgt Ion:117 Resp: 219078

Ion Ratio Lower Upper

117 100

201 0.0 32.8 98.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.325 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.012 min

Lab File: VN083967.D

Acq: 18 Sep 2024 07:09

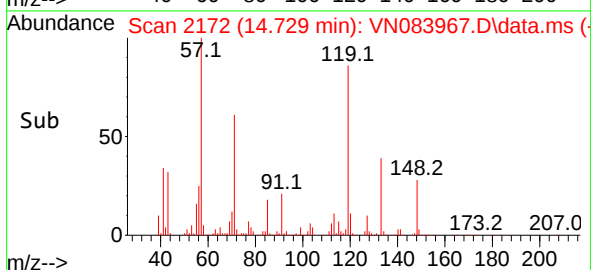
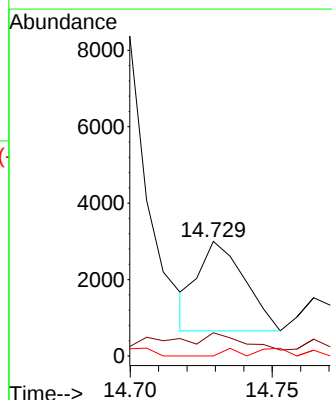
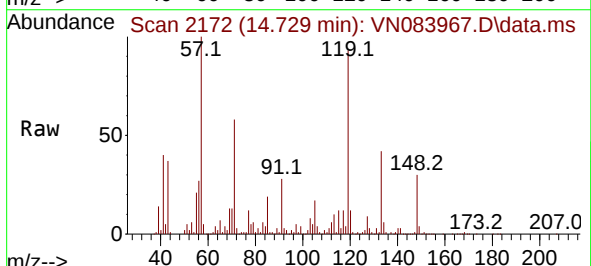
Tgt Ion: 75 Resp: 2654

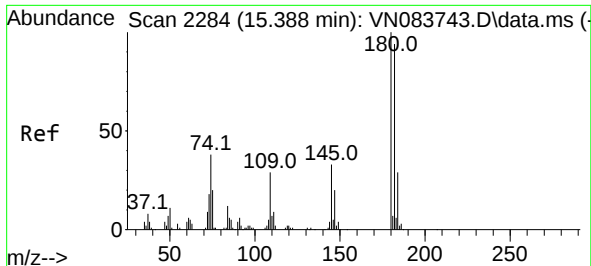
Ion Ratio Lower Upper

75 100

155 14.3 35.9 107.7#

157 7.7 47.5 142.5#

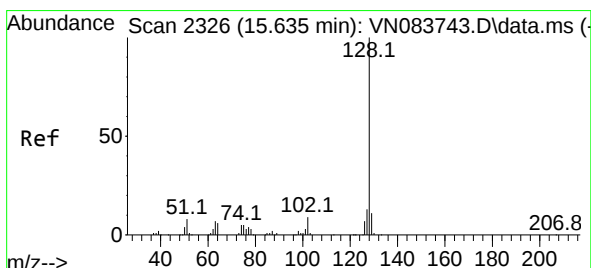
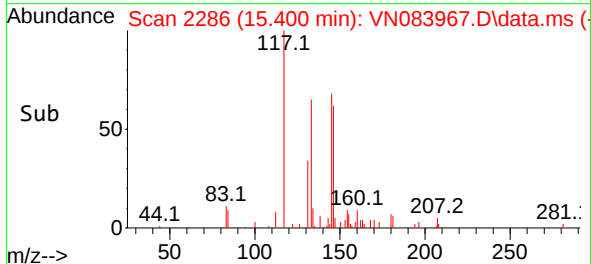
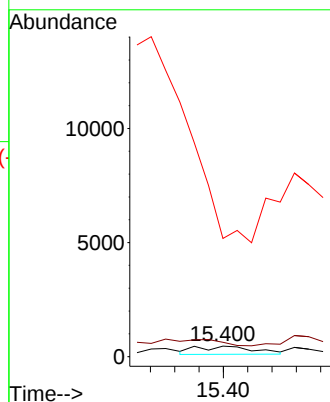
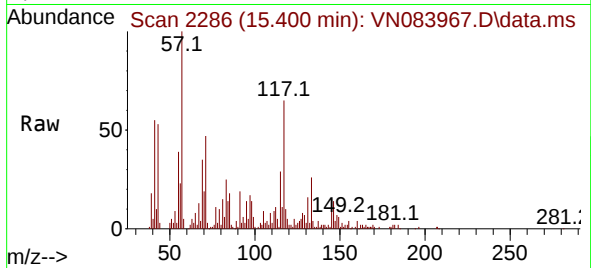




#93
1,2,4-Trichlorobenzene
Concen: 0.236 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

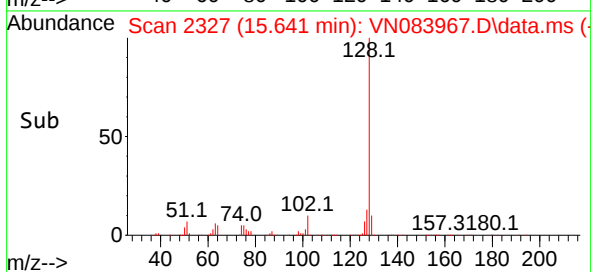
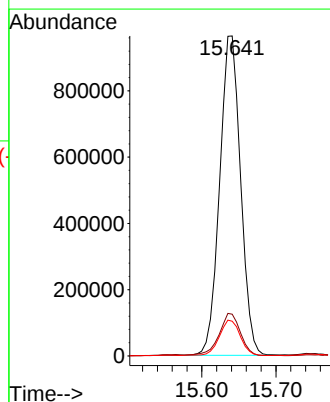
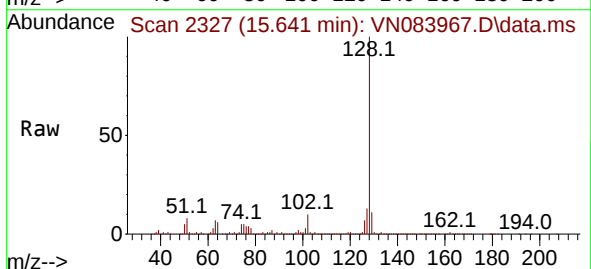
Instrument :
MSVOA_N
ClientSampleId :

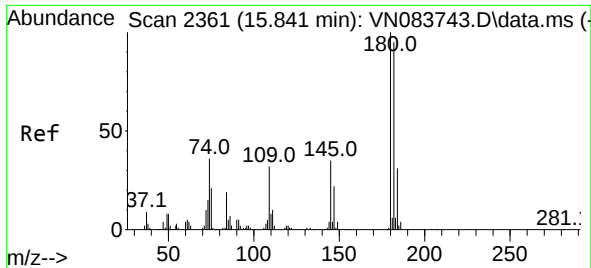
Tgt Ion:180 Resp: 582
Ion Ratio Lower Upper
180 100
182 0.0 48.1 144.3#
145 0.0 16.9 50.7#



#95
Naphthalene
Concen: 252.510 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083967.D
Acq: 18 Sep 2024 07:09

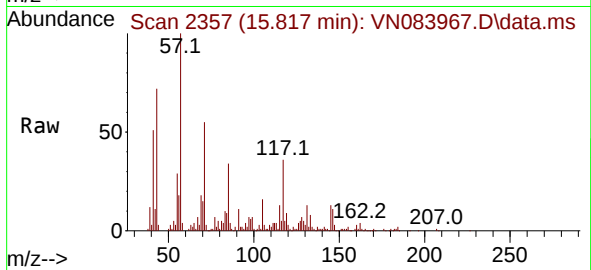
Tgt Ion:128 Resp: 1893474
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.2
129 11.0 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.238 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. -0.023 min
 Lab File: VN083967.D
 Acq: 18 Sep 2024 07:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 560
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.1 141.4#
 145 4485.4 17.8 53.5#

