

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083964.D
 Acq On : 18 Sep 2024 05:57
 Operator : JC\MD
 Sample : P3964-03
 Misc : 8.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-3

Quant Time: Sep 18 06:17:10 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	178708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	298174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	128916	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127668	47.378	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.760%
35) Dibromofluoromethane	8.165	113	89814	47.051	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.100%
50) Toluene-d8	10.565	98	372324	56.421	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	112.840%
62) 4-Bromofluorobenzene	12.847	95	150278	55.196	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.400%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	140	Below Cal	#	41
5) Bromomethane	2.895	94	599	0.459	ug/l #	38
11) Tert butyl alcohol	5.477	59	5116	14.178	ug/l #	71
13) Acrolein	4.377	56	3418	9.600	ug/l #	76
15) Acrylonitrile	5.783	53	791	0.806	ug/l #	29
16) Acetone	4.389	43	12446	11.522	ug/l #	60
18) Methyl Acetate	5.030	43	3936	Below Cal	#	80
23) Vinyl Acetate	6.571	43	1058	0.204	ug/l #	71
25) 2-Butanone	7.494	43	5325	3.751	ug/l #	74
30) Chloroform	7.930	83	8390	1.935	ug/l #	17
31) Cyclohexane	8.218	56	62573	16.067	ug/l #	58
36) 1,1-Dichloropropene	8.218	75	16990	5.913	ug/l #	52
37) Ethyl Acetate	7.494	43	5325	2.042	ug/l #	68
38) Carbon Tetrachloride	8.218	117	21223	6.511	ug/l #	16
39) Methylcyclohexane	9.594	83	73058	22.340	ug/l #	32
40) Benzene	8.600	78	16691	1.930	ug/l	100
41) Methacrylonitrile	7.835	41	2412	1.564	ug/l #	41
43) Isopropyl Acetate	8.694	43	18541	3.923	ug/l #	57
45) 1,2-Dichloropropane	9.629	63	1120	0.536	ug/l #	1
47) Bromodichloromethane	9.871	83	36916	11.651	ug/l #	26
48) Methyl methacrylate	9.635	41	139941	62.413	ug/l #	42
51) 4-Methyl-2-Pentanone	10.494	43	288367	112.093	ug/l #	77
52) Toluene	10.629	92	71560	13.528	ug/l	100
53) t-1,3-Dichloropropene	10.688	75	949	0.296	ug/l #	88
55) 1,1,2-Trichloroethane	11.006	97	34325	17.382	ug/l #	1
56) Ethyl methacrylate	10.853	69	13303	4.379	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.147	63	6083	5.557	ug/l #	46
59) 2-Hexanone	11.171	43	115818	60.861	ug/l #	30
60) Dibromochloromethane	11.271	129	952	0.431	ug/l	75
65) Chlorobenzene	12.000	112	1622	0.280	ug/l #	43
67) Ethyl Benzene	11.965	91	1128254	109.497	ug/l	100
68) m/p-Xylenes	12.070	106	4904533	1282.071	ug/l	100
69) o-Xylene	12.400	106	1794216	484.486	ug/l	100
70) Styrene	12.400	104	89165	14.671	ug/l #	1
73) Isopropylbenzene	12.694	105	1188911	119.204	ug/l	99
74) N-amyl acetate	12.476	43	107990	25.377	ug/l #	70

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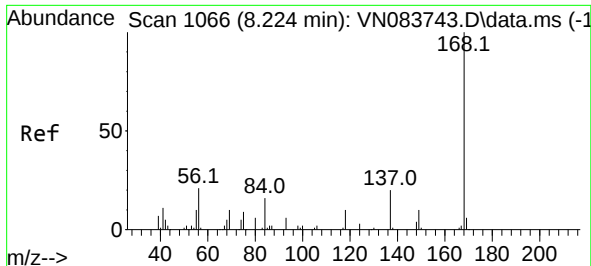
Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-3

Quant Time: Sep 18 06:17:10 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)	

75) 1,1,2,2-Tetrachloroethane	12.923	83	17990	6.139	ug/l	#	1
76) 1,2,3-Trichloropropane	13.035	75	14073	5.410	ug/l	#	1
77) Bromobenzene	12.929	156	675	0.281	ug/l	#	1
78) n-propylbenzene	13.035	91	2103008	181.222	ug/l		100
79) 2-Chlorotoluene	13.100	91	1554135	209.995	ug/l	#	44
80) 1,3,5-Trimethylbenzene	13.176	105	4930418	586.338	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.694	75	14617	14.717	ug/l	#	61
82) 4-Chlorotoluene	13.170	91	566134	76.228	ug/l	#	45
83) tert-Butylbenzene	13.482	119	2008969	273.075	ug/l	#	58
84) 1,2,4-Trimethylbenzene	13.482	105	15644144	1852.090	ug/l		94
85) sec-Butylbenzene	13.482	105	15644144	1603.417	ug/l	#	57
86) p-Isopropyltoluene	13.670	119	432171	52.840	ug/l		96
89) n-Butylbenzene	14.053	91	411551	56.045	ug/l	#	68
90) Hexachloroethane	14.329	117	209143	127.209	ug/l	#	17
92) 1,2-Dibromo-3-Chloropr...	14.688	75	12408	21.240	ug/l	#	7
93) 1,2,4-Trichlorobenzene	15.400	180	699	0.298	ug/l	#	66
95) Naphthalene	15.641	128	1864047	261.110	ug/l		99

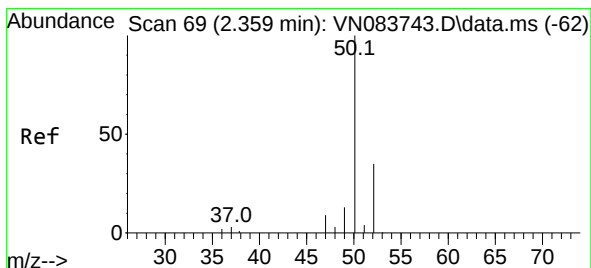
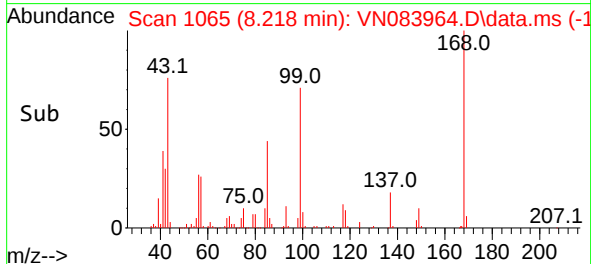
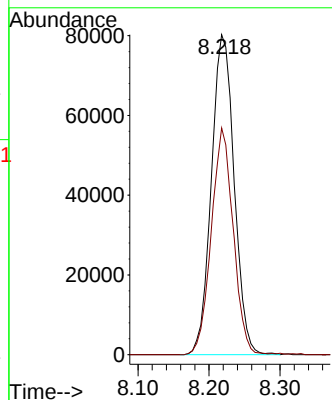
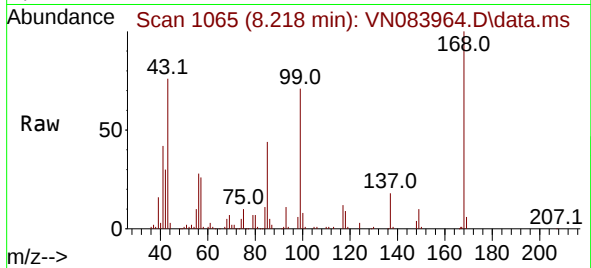
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

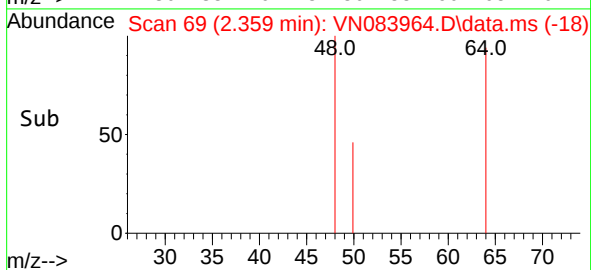
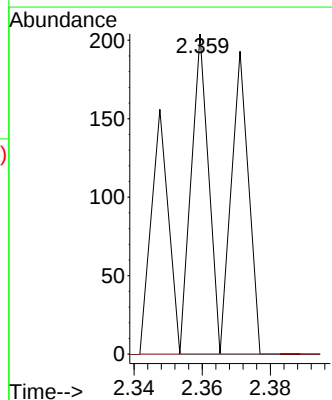
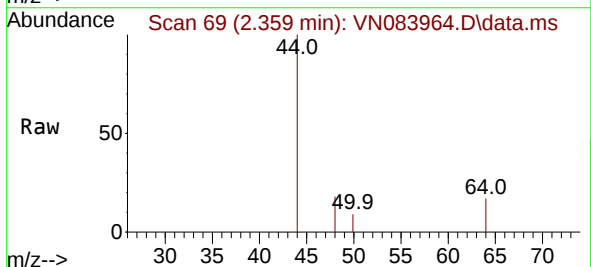
Instrument :
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FDF-3

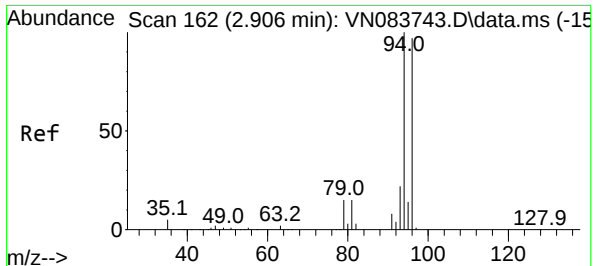
Tgt Ion:168 Resp: 178708
Ion Ratio Lower Upper
168 100
99 70.9 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 50 Resp: 140
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

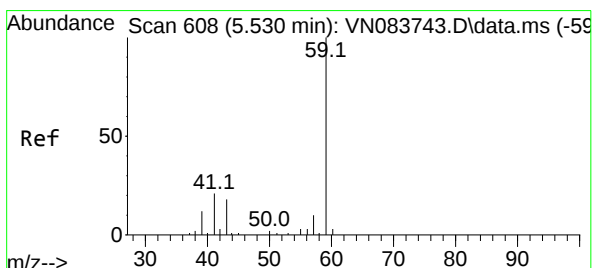
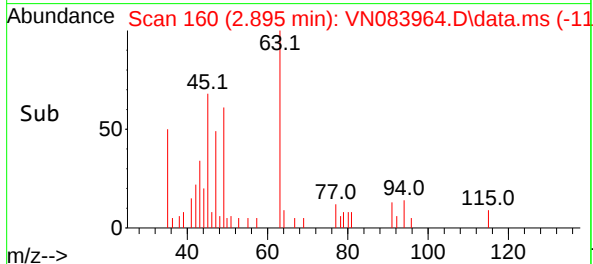
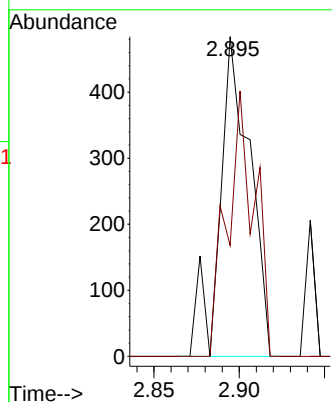
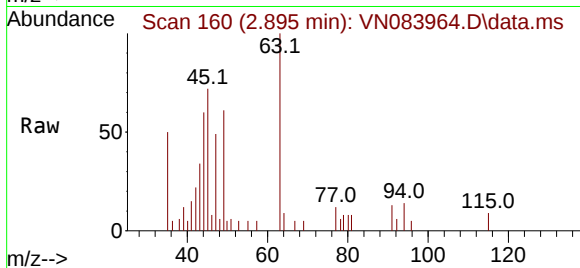




#5
Bromomethane
Concen: 0.459 ug/l
RT: 2.895 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

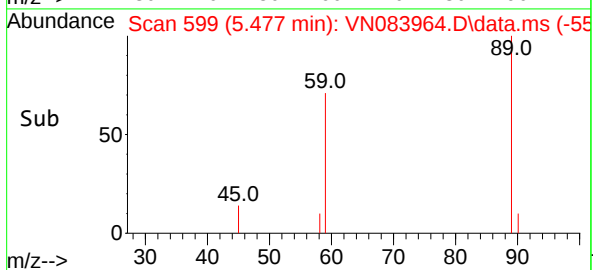
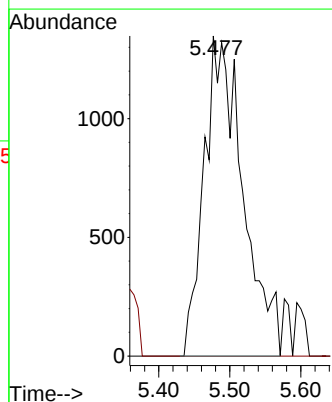
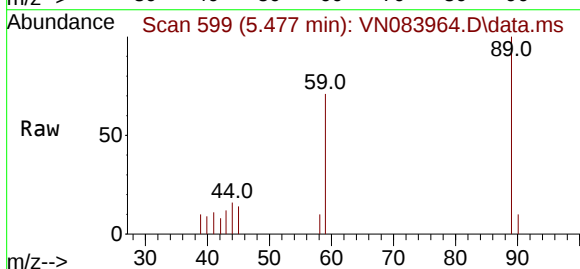
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

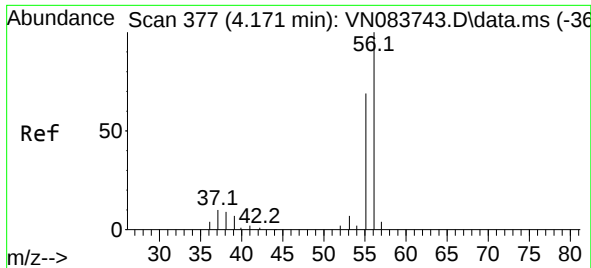
Tgt Ion: 94 Resp: 599
Ion Ratio Lower Upper
94 100
96 34.7 76.0 114.0#



#11
Tert butyl alcohol
Concen: 14.178 ug/l
RT: 5.477 min Scan# 599
Delta R.T. -0.053 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 59 Resp: 5116
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#





#13

Acrolein

Concen: 9.600 ug/l

RT: 4.377 min Scan# 412

Delta R.T. 0.206 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

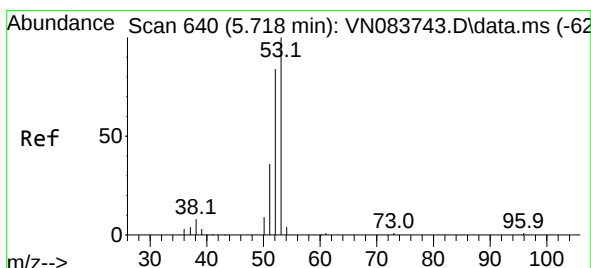
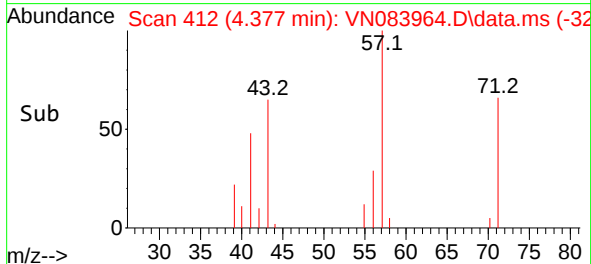
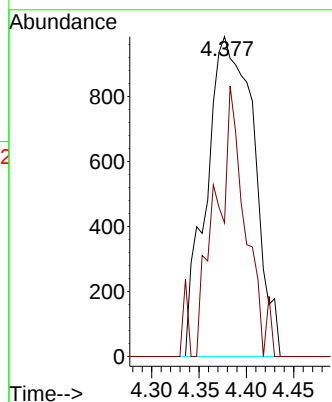
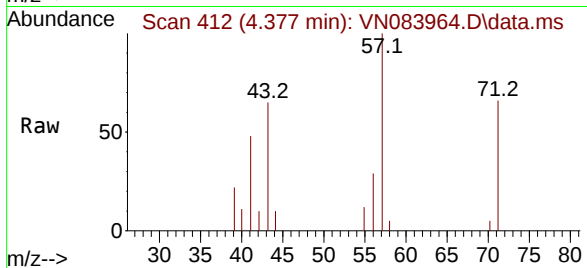
FDF-3

Tgt Ion: 56 Resp: 3418

Ion Ratio Lower Upper

56 100

55 52.7 58.2 87.2#



#15

Acrylonitrile

Concen: 0.806 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.065 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

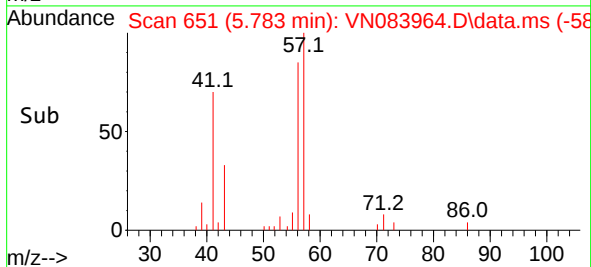
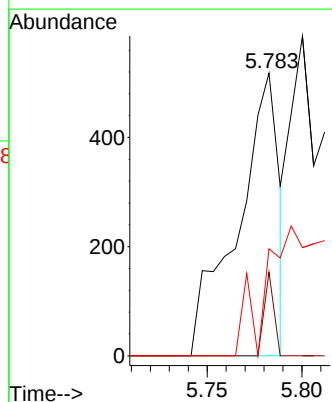
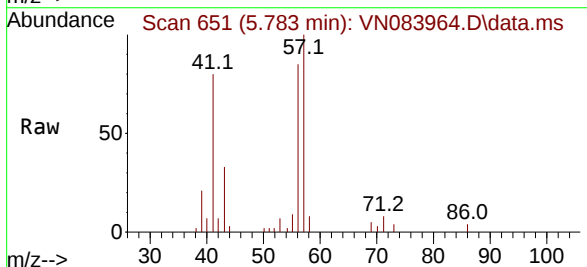
Tgt Ion: 53 Resp: 791

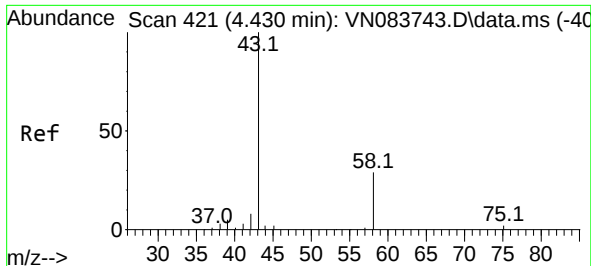
Ion Ratio Lower Upper

53 100

52 6.8 66.1 99.1#

51 61.4 29.6 44.4#

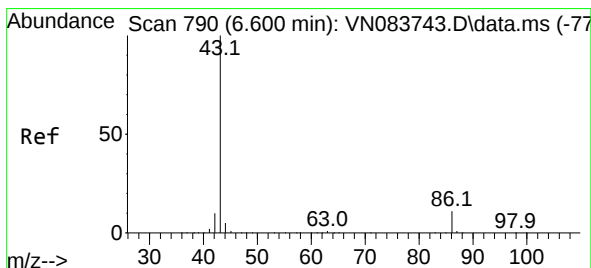
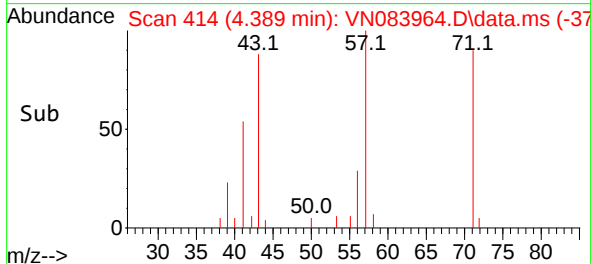
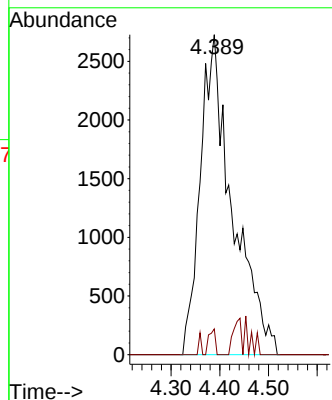
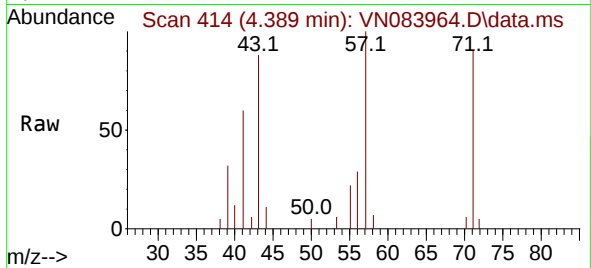




#16
Acetone
Concen: 11.522 ug/l
RT: 4.389 min Scan# 41
Delta R.T. -0.041 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

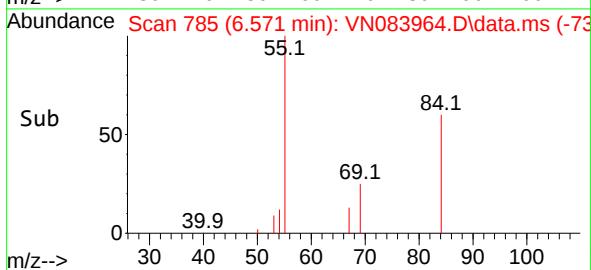
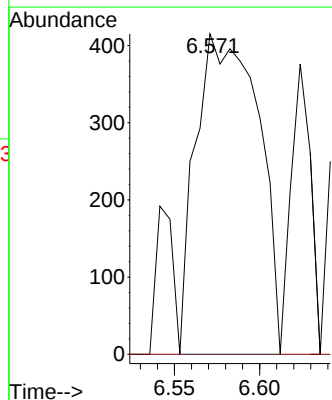
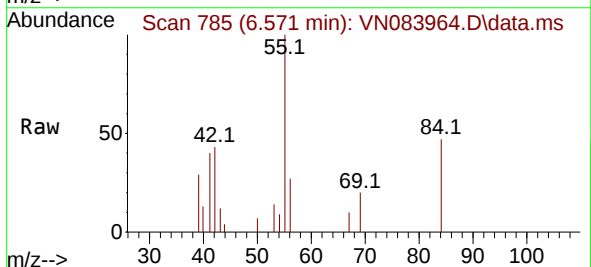
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

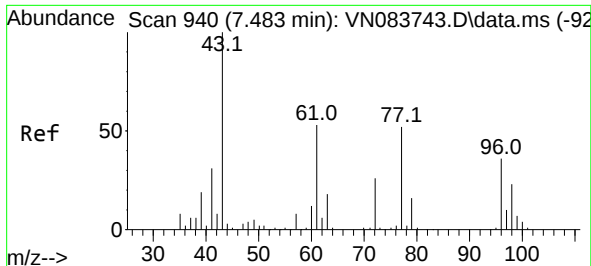
Tgt Ion: 43 Resp: 12446
Ion Ratio Lower Upper
43 100
58 8.1 23.7 35.5#



#23
Vinyl Acetate
Concen: 0.204 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.029 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 43 Resp: 1058
Ion Ratio Lower Upper
43 100
86 0.0 8.7 13.1#

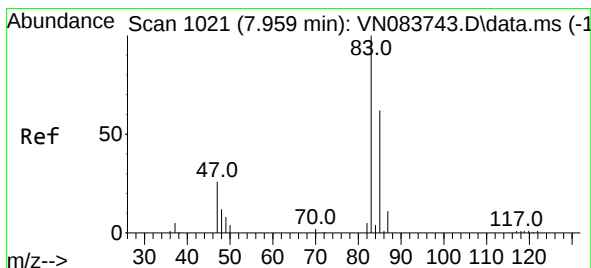
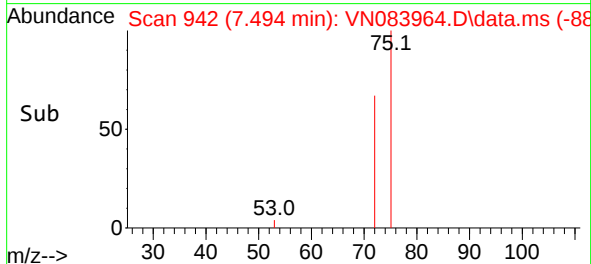
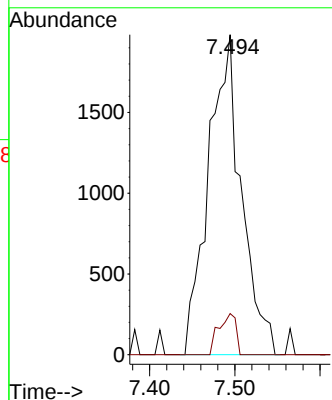
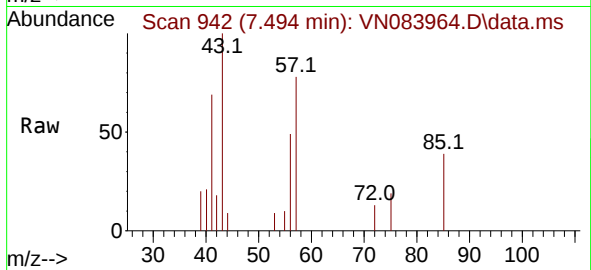




#25
2-Butanone
Concen: 3.751 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

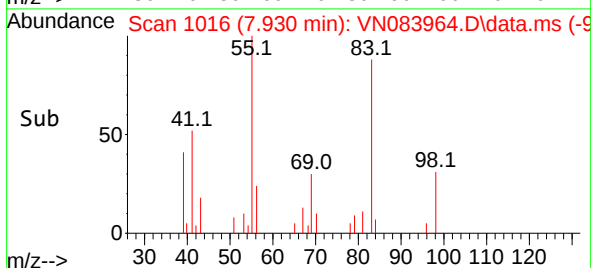
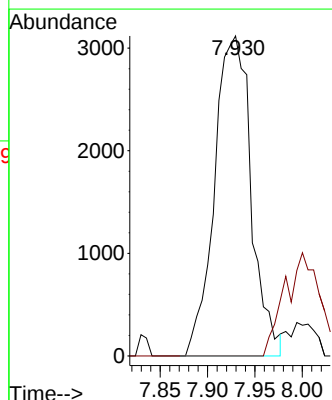
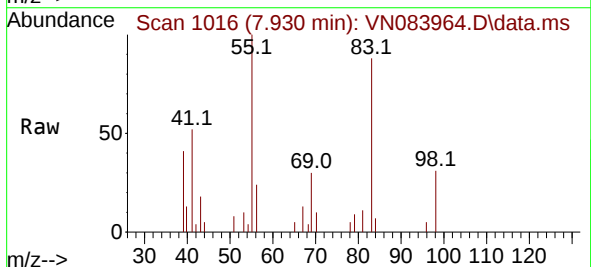
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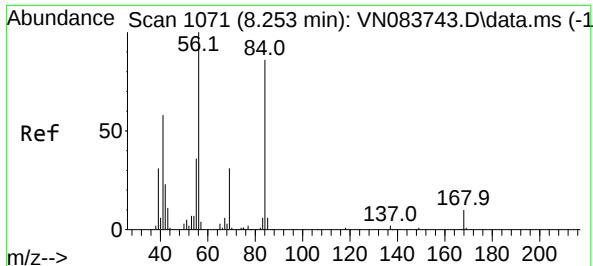
Tgt Ion: 43 Resp: 5325
Ion Ratio Lower Upper
43 100
72 12.9 20.8 31.2#



#30
Chloroform
Concen: 1.935 ug/l
RT: 7.930 min Scan# 1016
Delta R.T. -0.029 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 83 Resp: 8390
Ion Ratio Lower Upper
83 100
85 0.0 52.8 79.2#

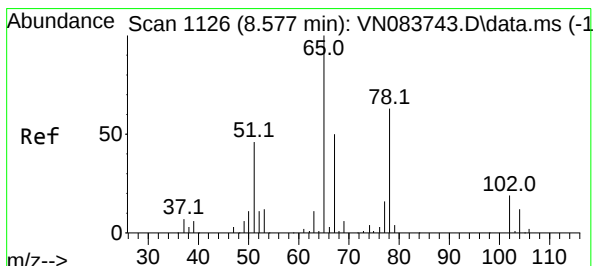
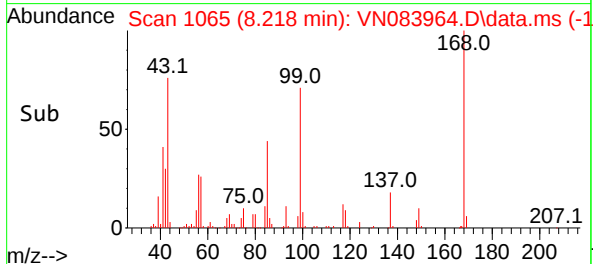
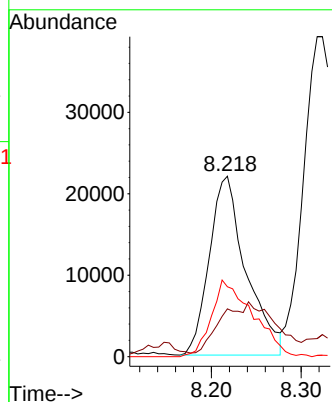
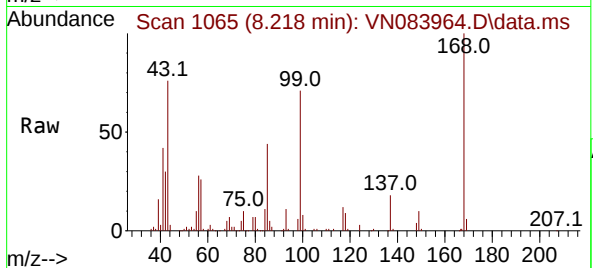




#31
Cyclohexane
Concen: 16.067 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

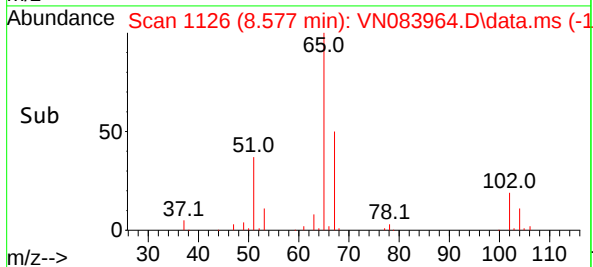
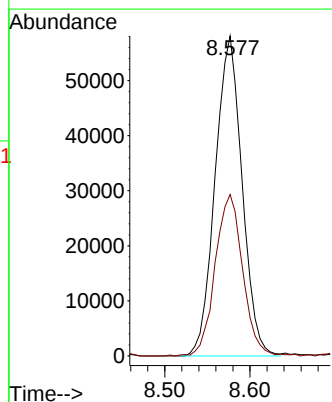
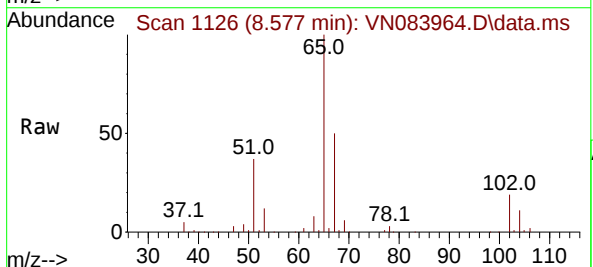
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

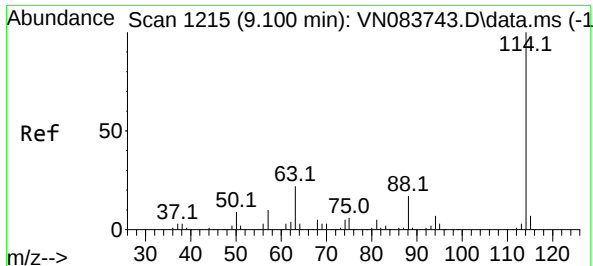
Tgt Ion: 56 Resp: 62573
Ion Ratio Lower Upper
56 100
69 23.7 26.9 40.3#
84 39.1 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 47.378 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 65 Resp: 127668
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

FDF-3

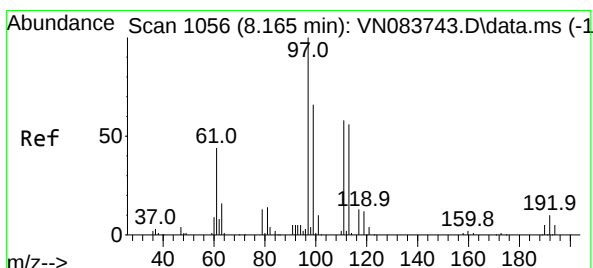
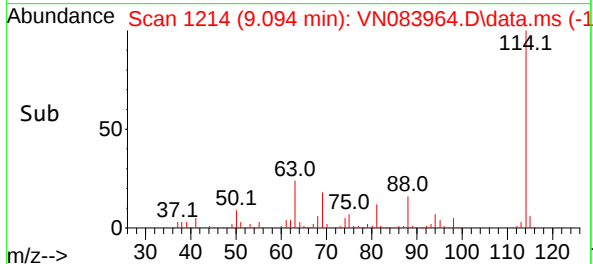
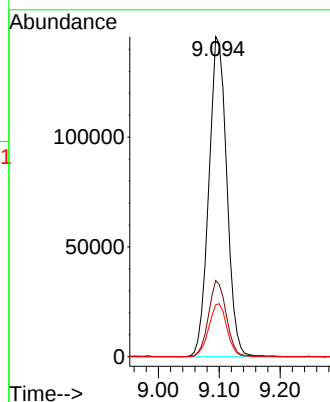
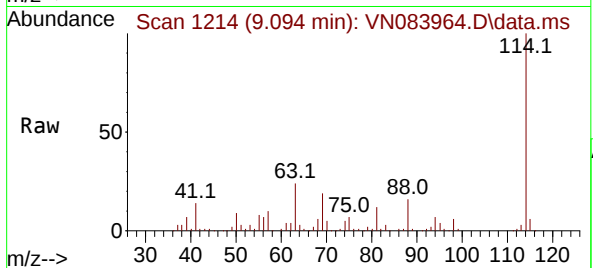
Tgt Ion:114 Resp: 298174

Ion Ratio Lower Upper

114 100

63 23.8 0.0 43.4

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.051 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

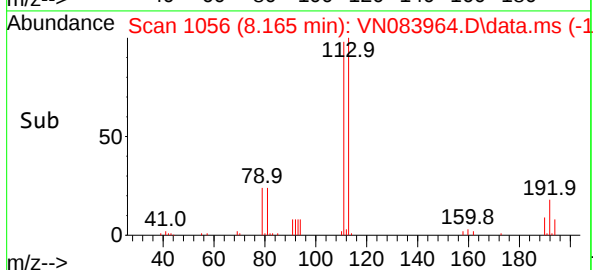
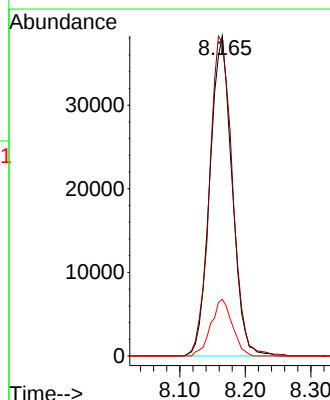
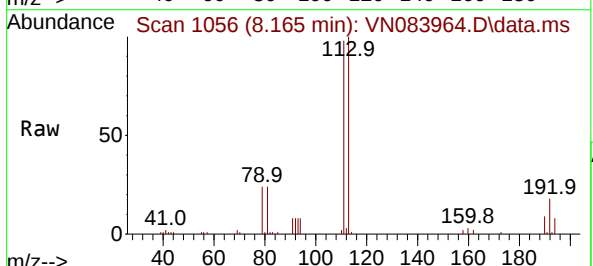
Tgt Ion:113 Resp: 89814

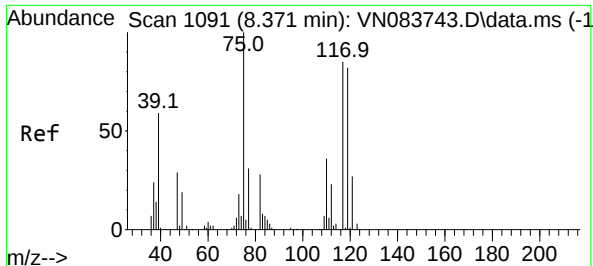
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 17.1 14.3 21.5

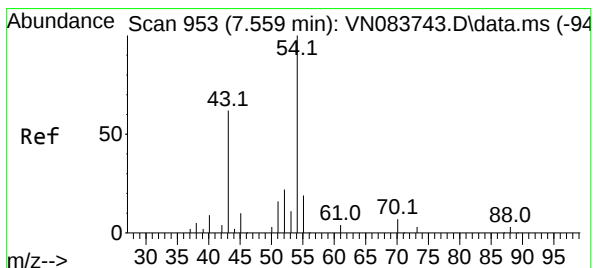
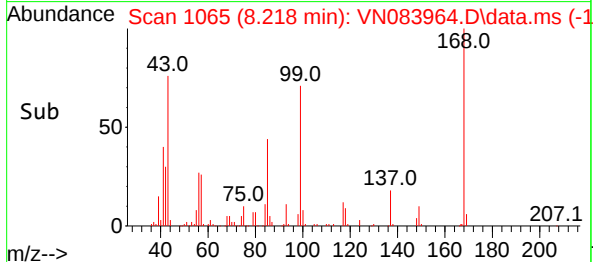
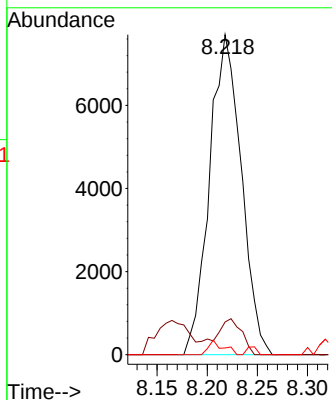
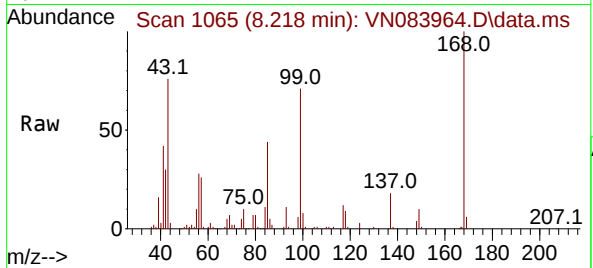




#36
1,1-Dichloropropene
Concen: 5.913 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

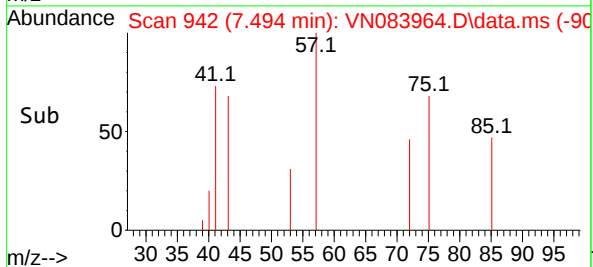
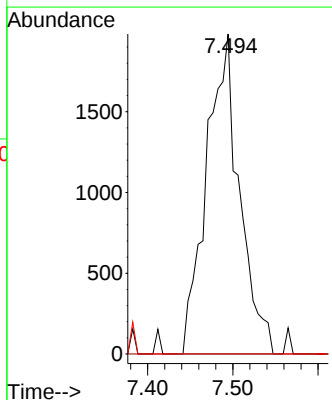
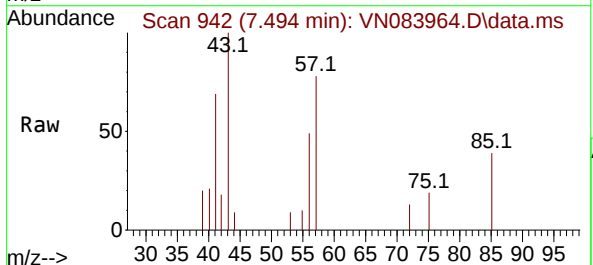
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

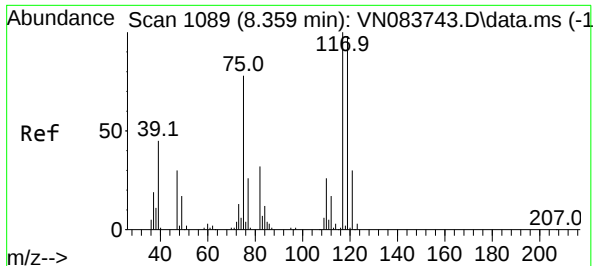
Tgt Ion: 75 Resp: 16990
Ion Ratio Lower Upper
75 100
110 9.0 16.7 50.1#
77 2.1 25.2 37.8#



#37
Ethyl Acetate
Concen: 2.042 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.065 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 43 Resp: 5325
Ion Ratio Lower Upper
43 100
61 0.0 11.1 16.7#
70 0.0 8.8 13.2#

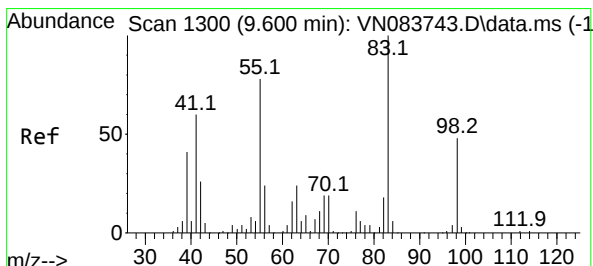
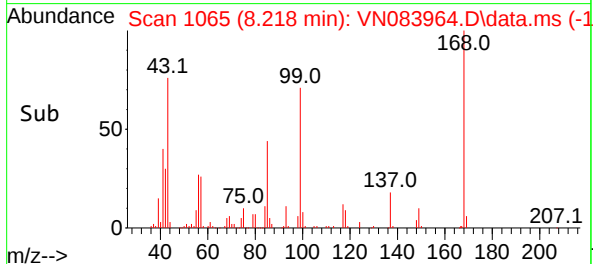
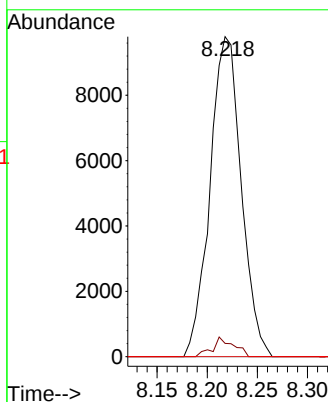
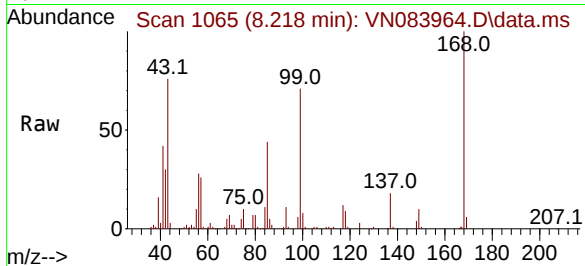




#38
Carbon Tetrachloride
Concen: 6.511 ug/l
RT: 8.218 min Scan# 117
Delta R.T. -0.141 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

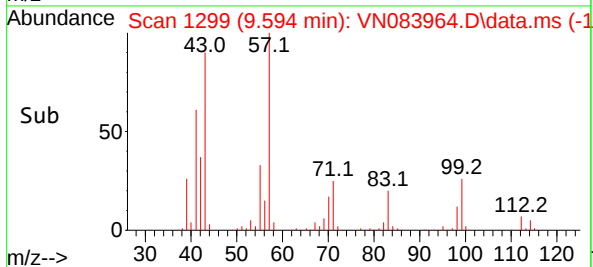
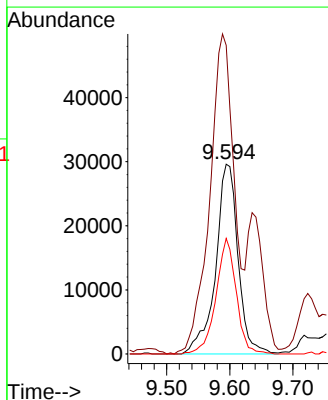
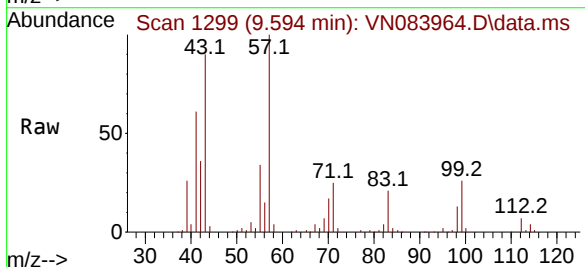
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

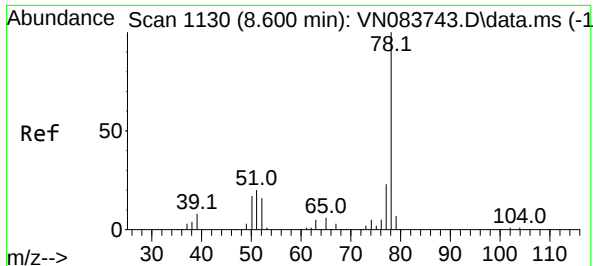
Tgt Ion:117 Resp: 21223
Ion Ratio Lower Upper
117 100
119 4.1 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 22.340 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 83 Resp: 73058
Ion Ratio Lower Upper
83 100
55 161.3 62.2 93.4#
98 60.9 37.6 56.4#





#40

Benzene

Concen: 1.930 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

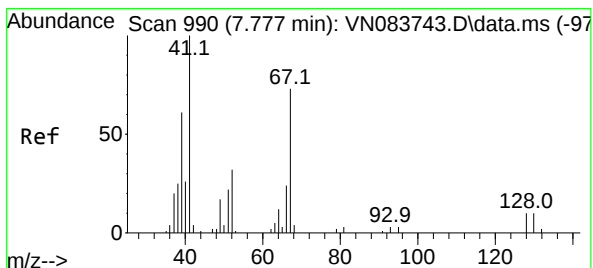
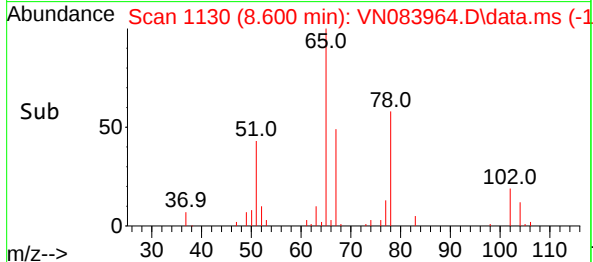
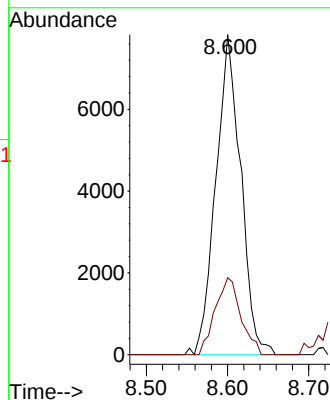
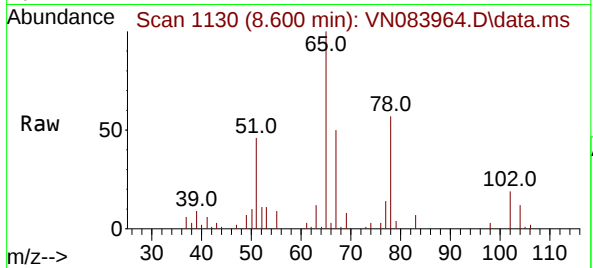
FDF-3

Tgt Ion: 78 Resp: 16691

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



#41

Methacrylonitrile

Concen: 1.564 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.059 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Tgt Ion: 41 Resp: 2412

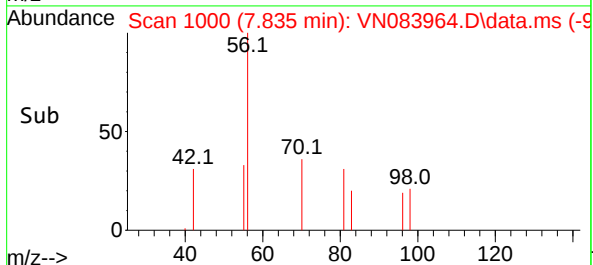
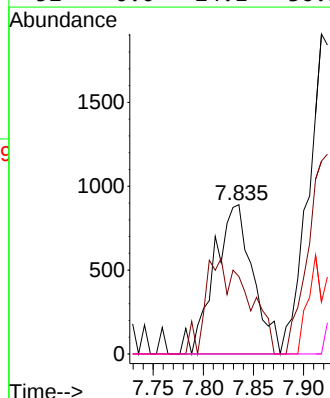
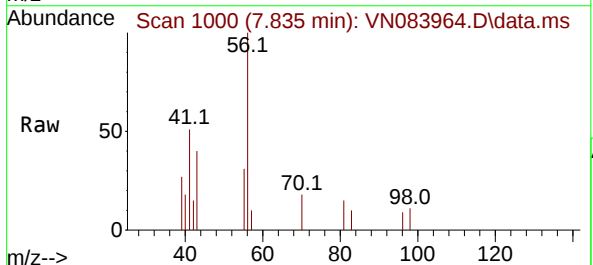
Ion Ratio Lower Upper

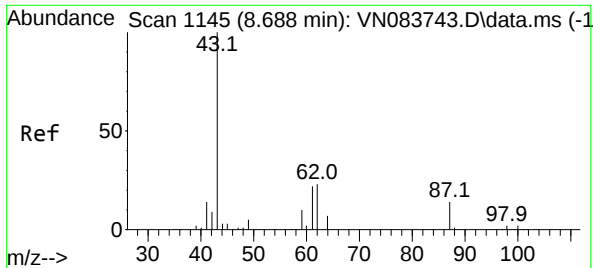
41 100

39 35.4 45.4 68.2#

67 0.0 55.9 83.9#

52 0.0 24.1 36.1#

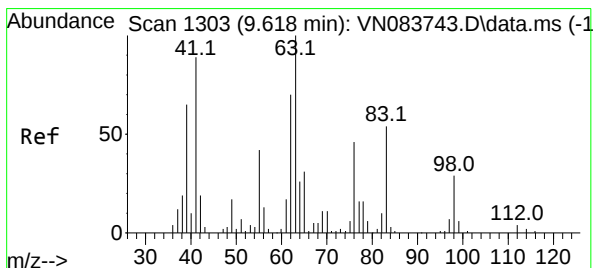
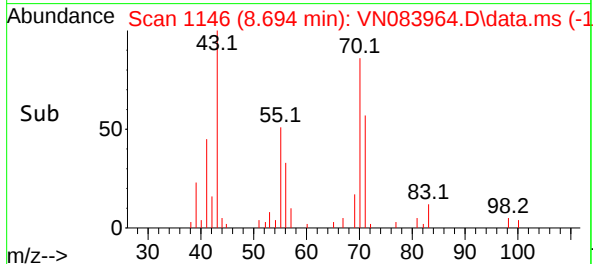
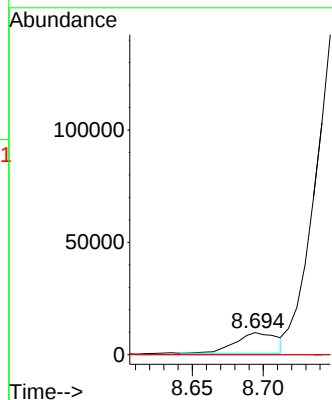
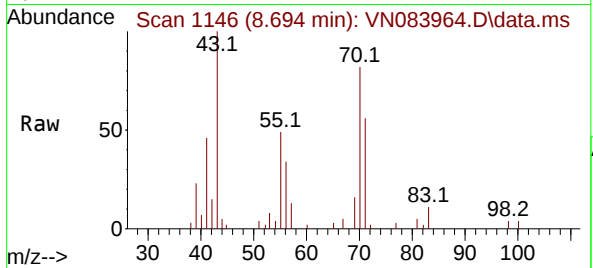




#43
Isopropyl Acetate
Concen: 3.923 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

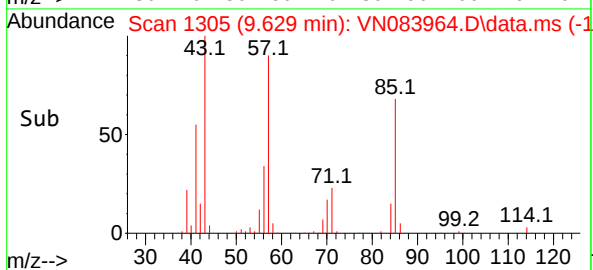
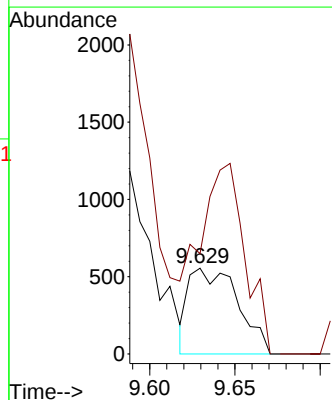
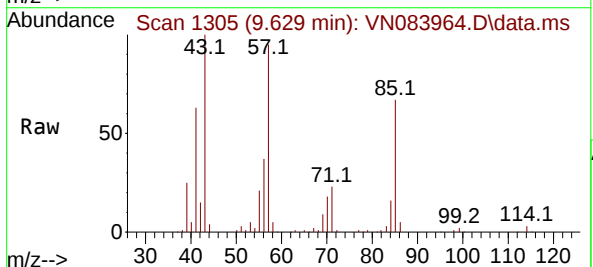
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

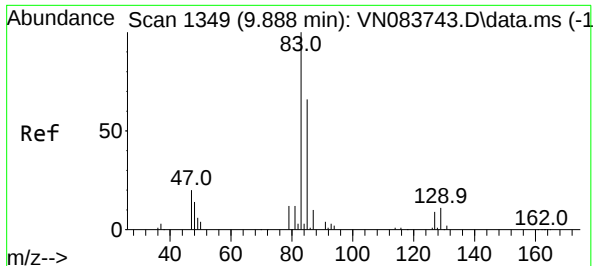
Tgt Ion: 43 Resp: 18541
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 0.536 ug/l
RT: 9.629 min Scan# 1305
Delta R.T. 0.012 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 63 Resp: 1120
Ion Ratio Lower Upper
63 100
65 116.9 25.9 38.9#

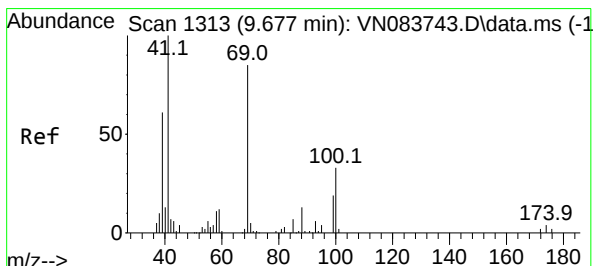
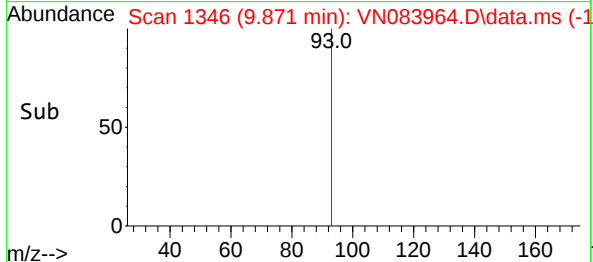
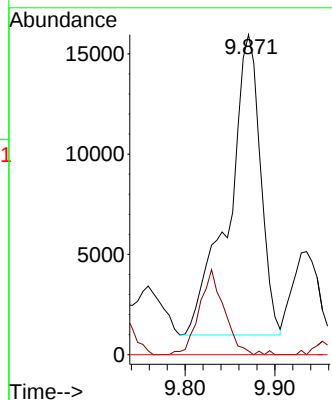
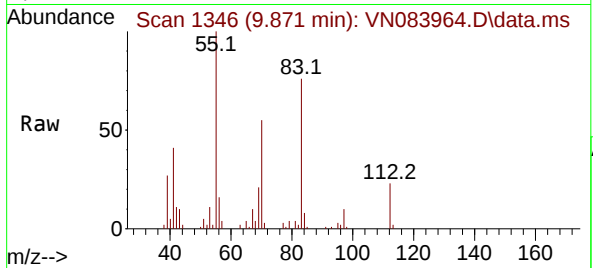




#47
Bromodichloromethane
Concen: 11.651 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.018 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

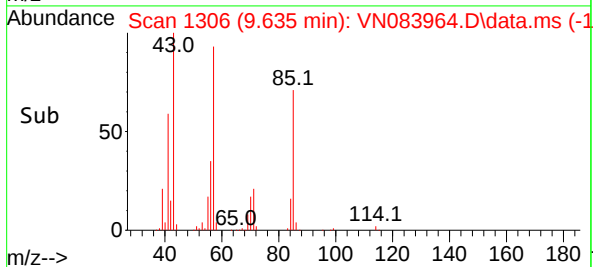
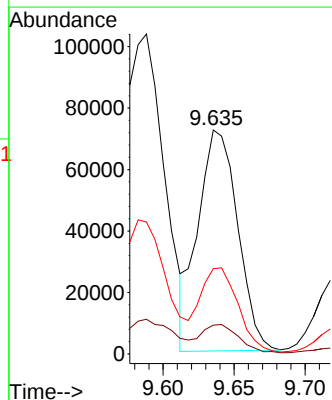
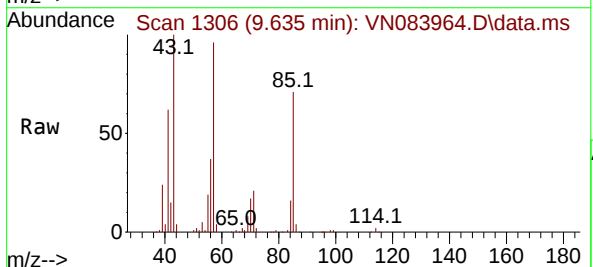
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

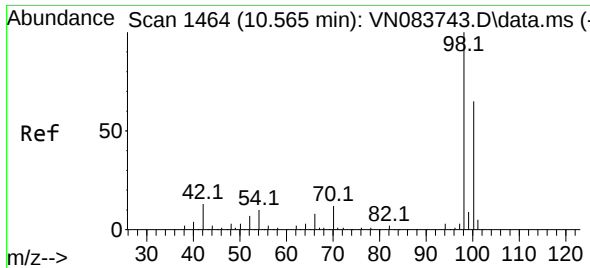
Tgt Ion: 83 Resp: 36916
Ion Ratio Lower Upper
83 100
85 1.2 51.8 77.8#
127 0.0 6.6 9.8#



#48
Methyl methacrylate
Concen: 62.413 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. -0.041 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 41 Resp: 139941
Ion Ratio Lower Upper
41 100
69 12.1 64.3 96.5#
39 36.6 48.9 73.3#

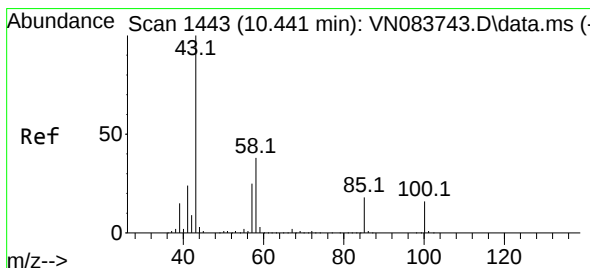
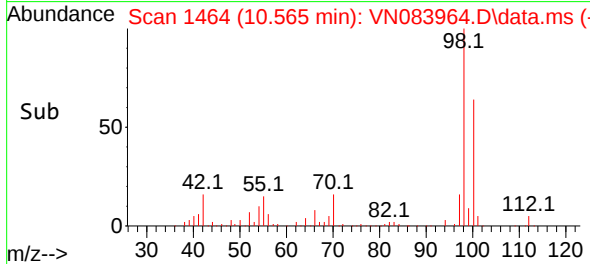
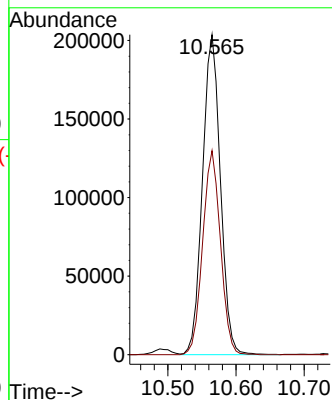
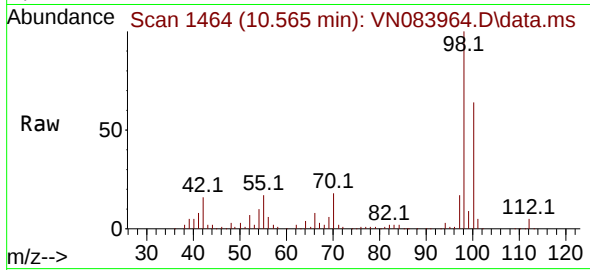




#50
Toluene-d8
Concen: 56.421 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

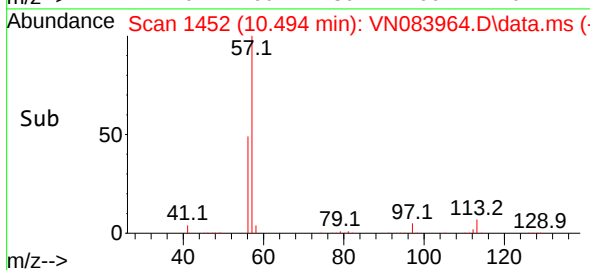
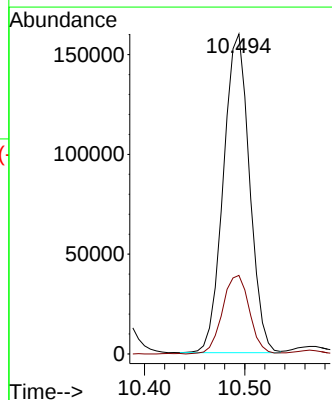
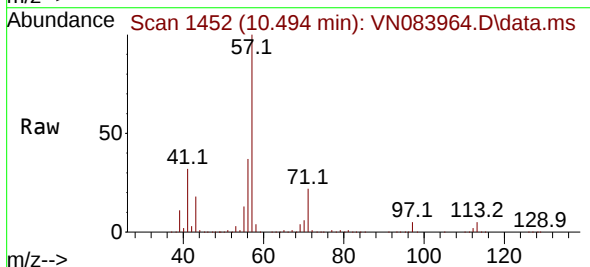
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ClientSampleId :
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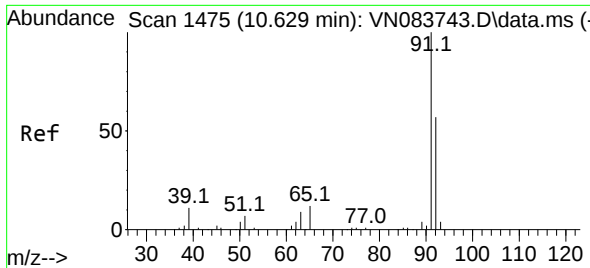
Tgt Ion: 98 Resp: 372324
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 112.093 ug/l
RT: 10.494 min Scan# 1452
Delta R.T. 0.053 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 43 Resp: 288367
Ion Ratio Lower Upper
43 100
58 25.6 31.6 47.4#

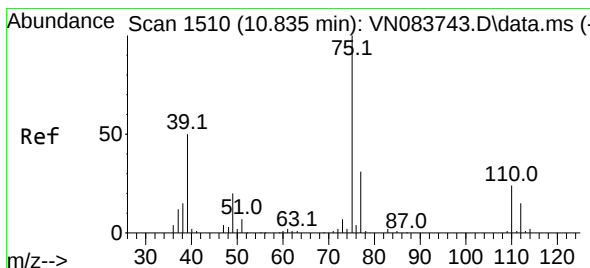
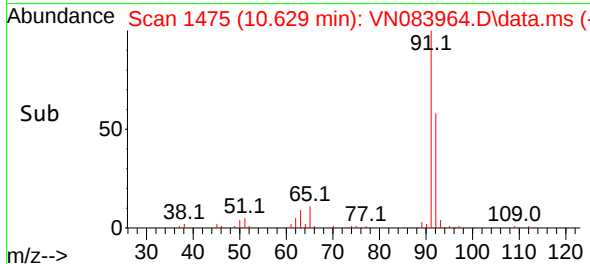
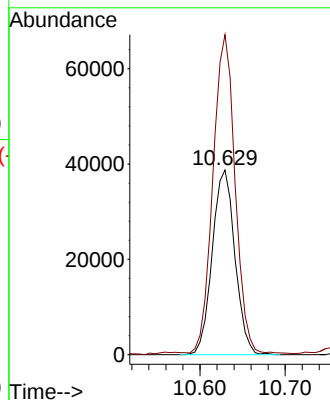
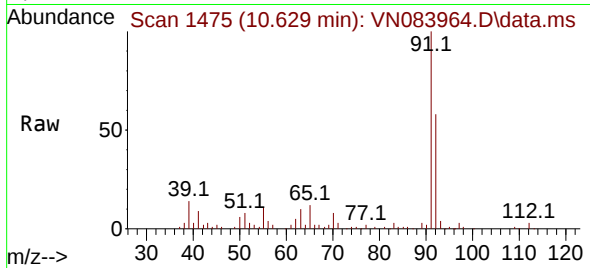




#52
Toluene
Concen: 13.528 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

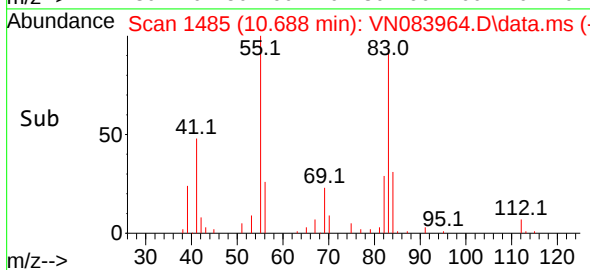
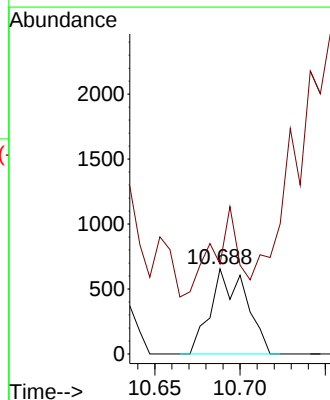
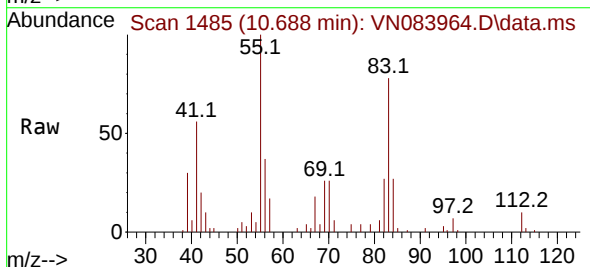
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ClientSampleId :
FDF-3

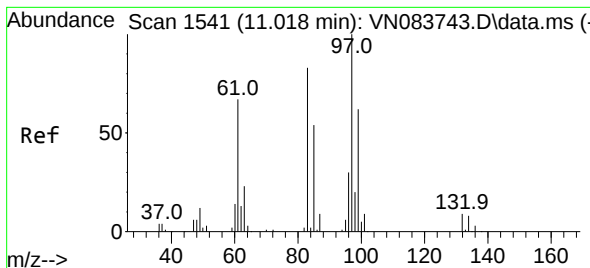
Tgt Ion: 92 Resp: 71560
Ion Ratio Lower Upper
92 100
91 168.4 134.7 202.1



#53
t-1,3-Dichloropropene
Concen: 0.296 ug/l
RT: 10.688 min Scan# 1485
Delta R.T. -0.147 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 75 Resp: 949
Ion Ratio Lower Upper
75 100
77 38.8 25.8 38.6#

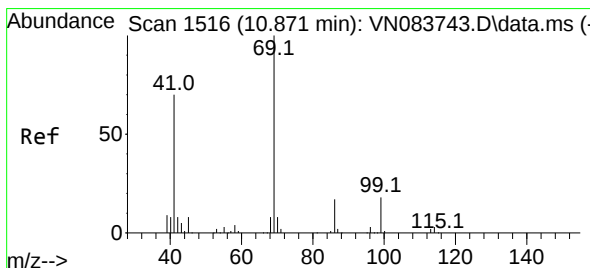
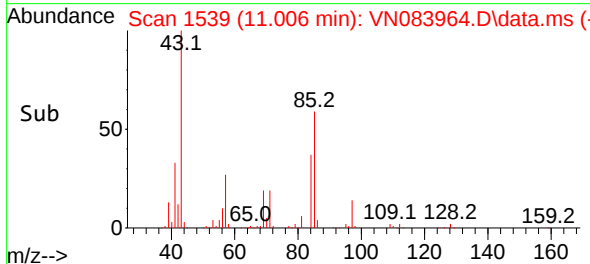
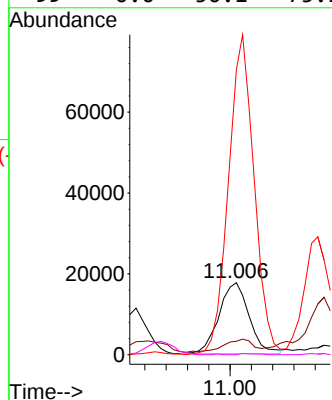
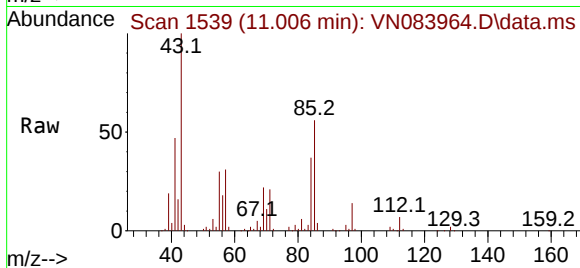




#55
1,1,2-Trichloroethane
Concen: 17.382 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

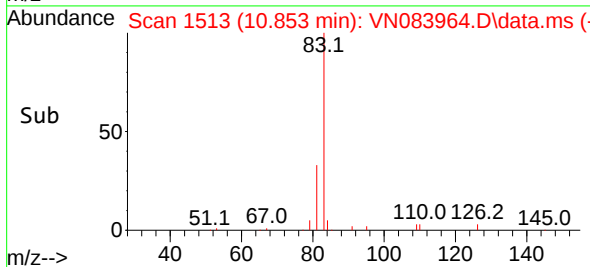
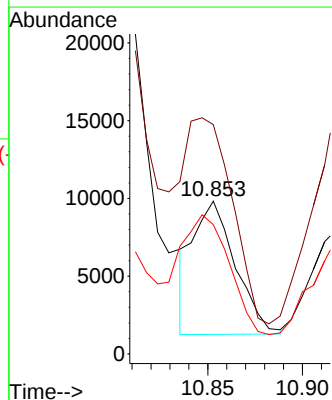
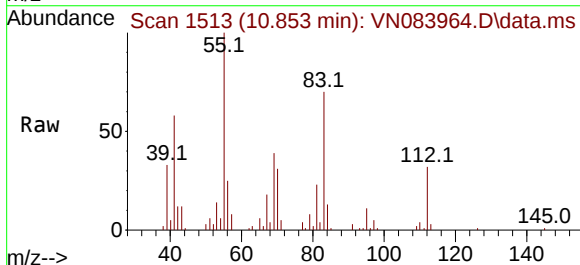
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

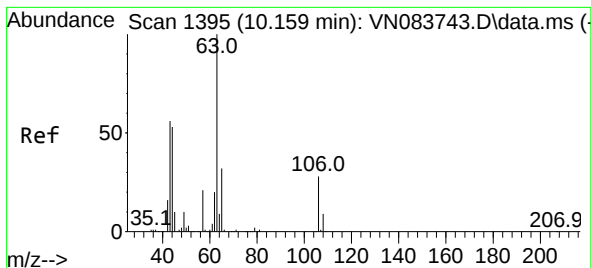
Tgt Ion: 97 Resp: 34325
Ion Ratio Lower Upper
97 100
83 14.5 67.5 101.3#
85 401.2 44.2 66.2#
99 0.0 50.1 75.1#



#56
Ethyl methacrylate
Concen: 4.379 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.018 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 69 Resp: 13303
Ion Ratio Lower Upper
69 100
41 184.3 53.9 80.9#
39 108.8 32.6 48.8#

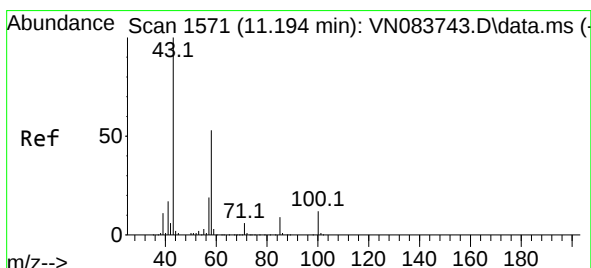
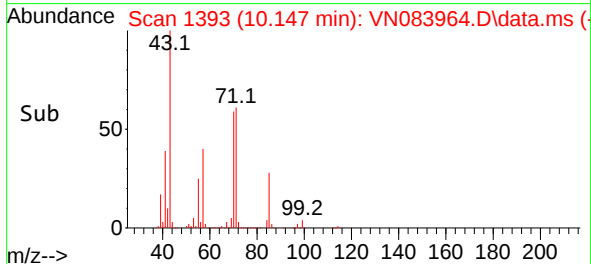
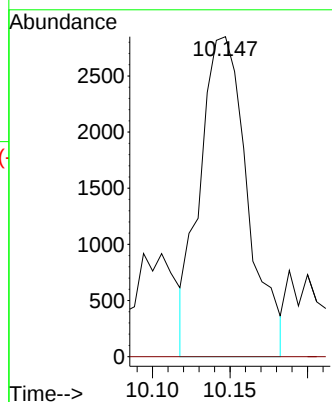
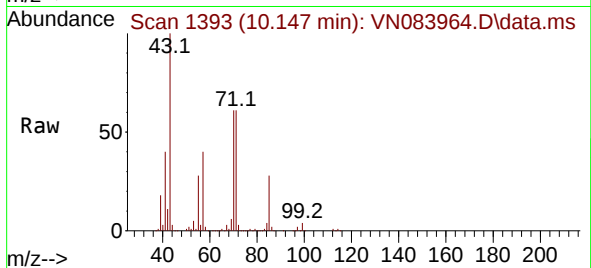




#58
2-Chloroethyl Vinyl ether
Concen: 5.557 ug/l
RT: 10.147 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

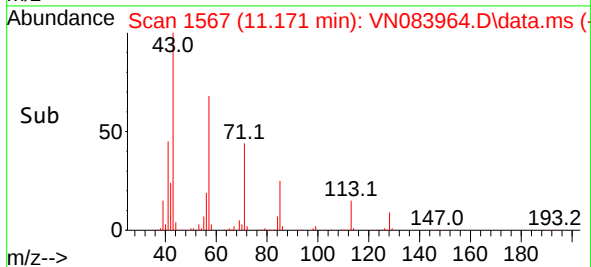
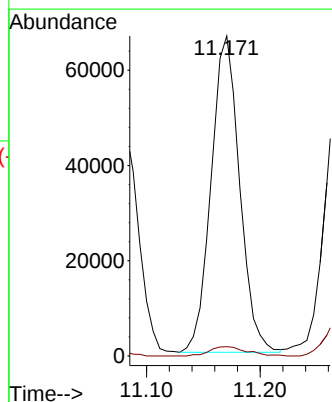
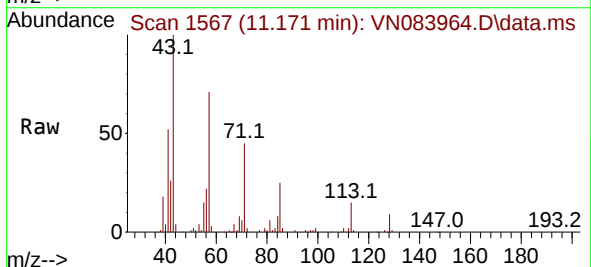
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

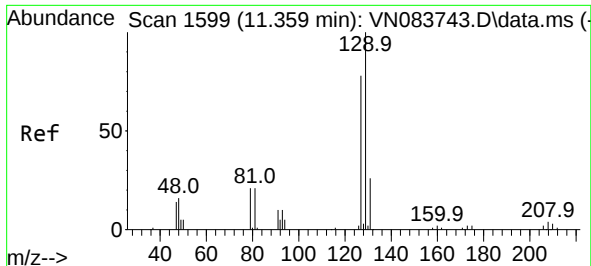
Tgt Ion: 63 Resp: 6083
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#



#59
2-Hexanone
Concen: 60.861 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.024 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 43 Resp: 115818
Ion Ratio Lower Upper
43 100
58 3.8 27.2 81.5#

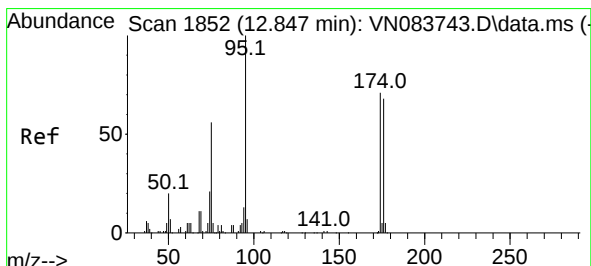
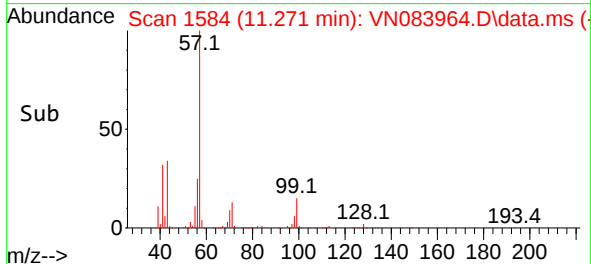
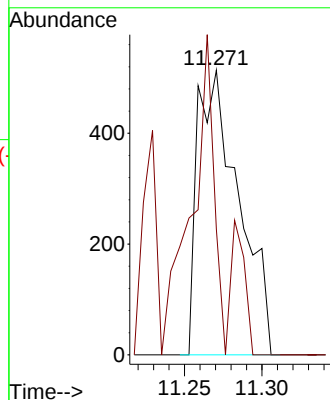
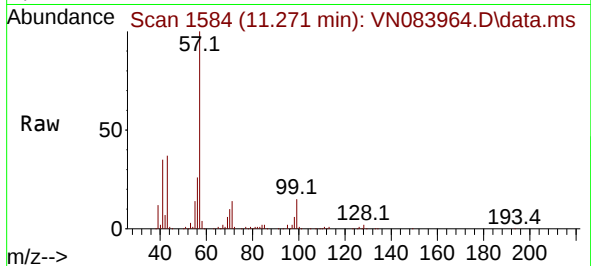




#60
Dibromochloromethane
Concen: 0.431 ug/l
RT: 11.271 min Scan# 11
Delta R.T. -0.088 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

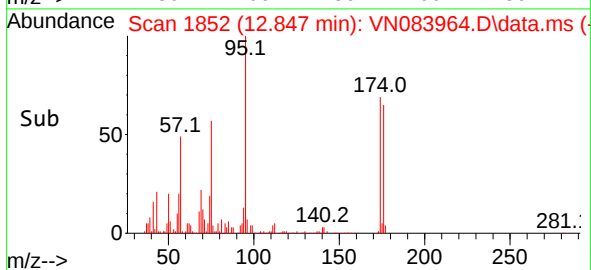
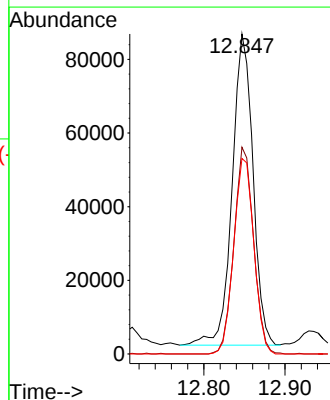
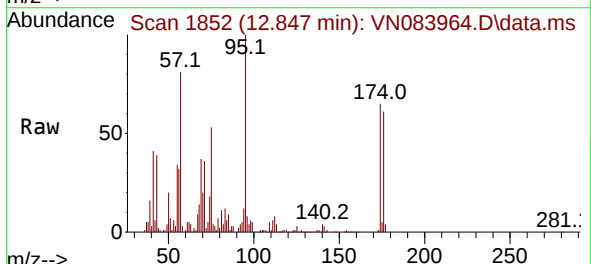
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

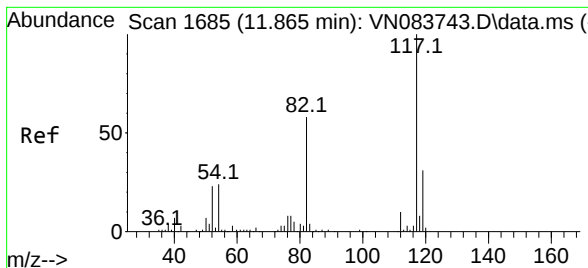
Tgt Ion:129 Resp: 952
Ion Ratio Lower Upper
129 100
127 56.0 39.0 116.9



#62
4-Bromofluorobenzene
Concen: 55.196 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 95 Resp: 150278
Ion Ratio Lower Upper
95 100
174 62.8 0.0 139.8
176 60.8 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

FDF-3

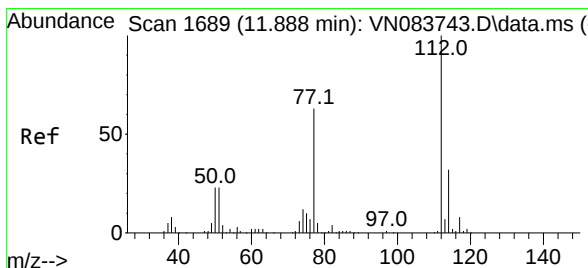
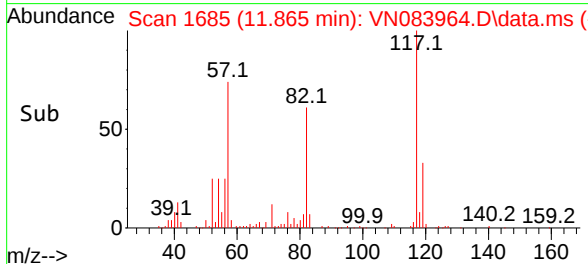
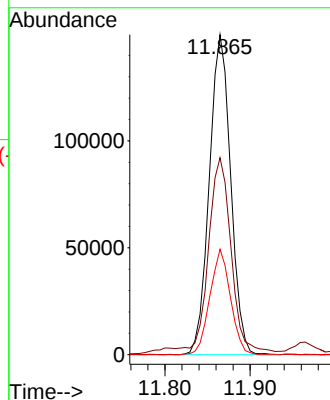
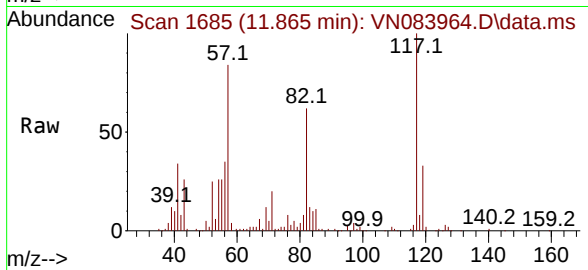
Tgt Ion:117 Resp: 260978

Ion Ratio Lower Upper

117 100

82 60.5 47.4 71.0

119 33.0 26.3 39.5



#65

Chlorobenzene

Concen: 0.280 ug/l

RT: 12.000 min Scan# 1708

Delta R.T. 0.112 min

Lab File: VN083964.D

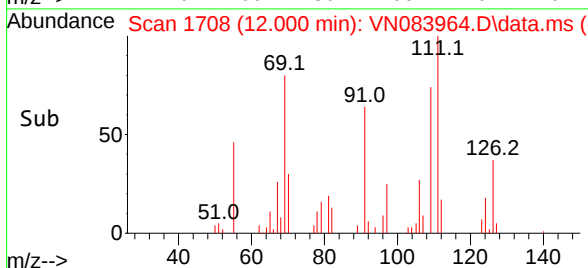
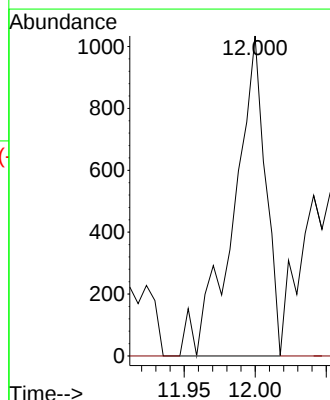
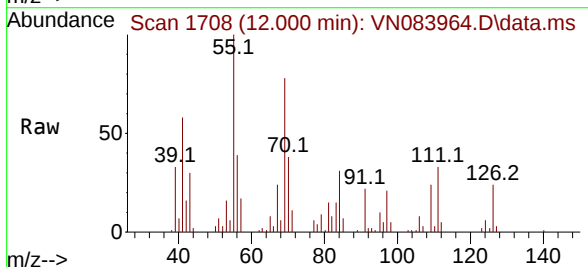
Acq: 18 Sep 2024 05:57

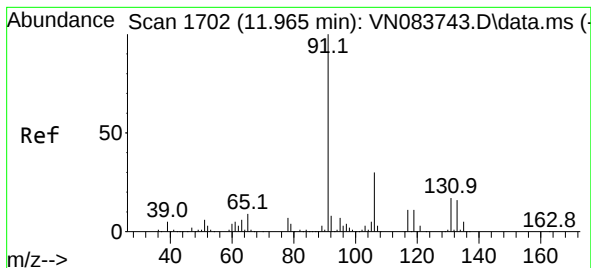
Tgt Ion:112 Resp: 1622

Ion Ratio Lower Upper

112 100

114 0.0 25.7 38.5#





#67

Ethyl Benzene

Concen: 109.497 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

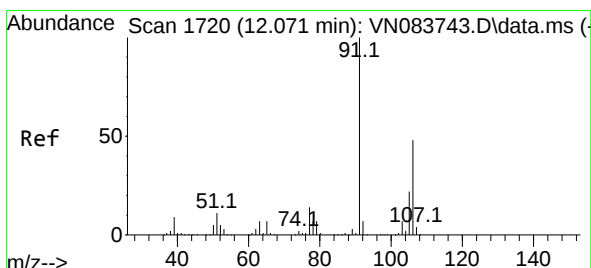
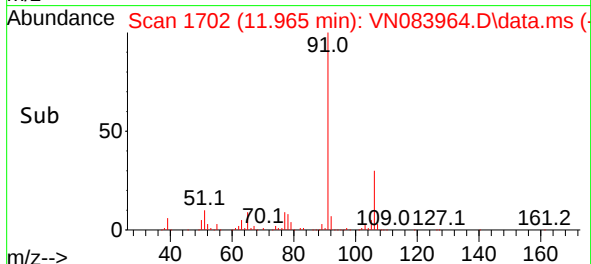
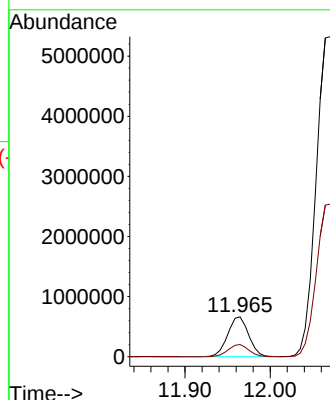
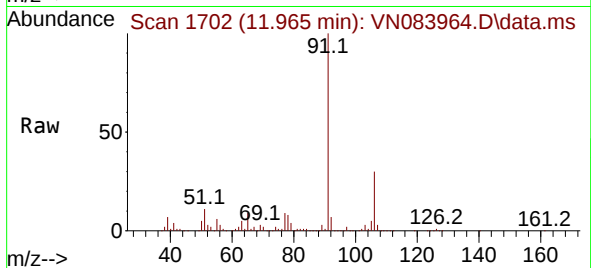
FDF-3

Tgt Ion: 91 Resp: 1128254

Ion Ratio Lower Upper

91 100

106 30.5 24.3 36.5



#68

m/p-Xylenes

Concen: 1282.071 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN083964.D

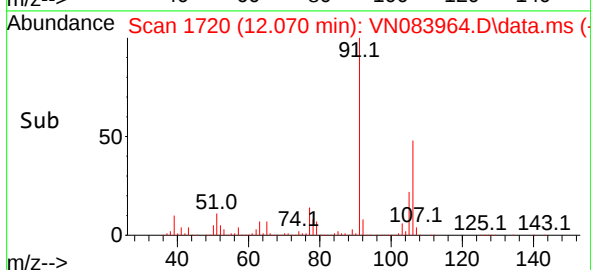
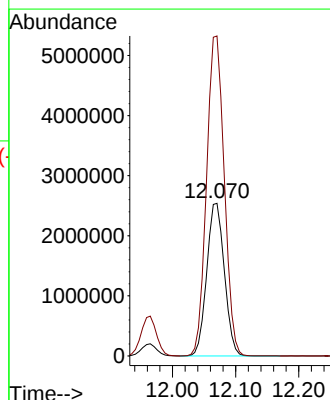
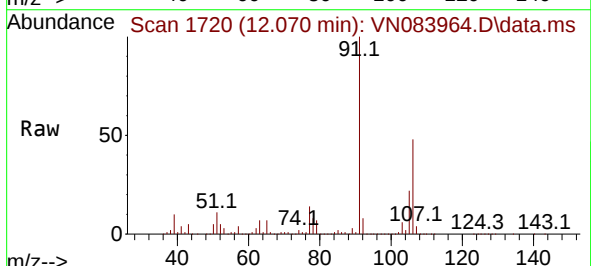
Acq: 18 Sep 2024 05:57

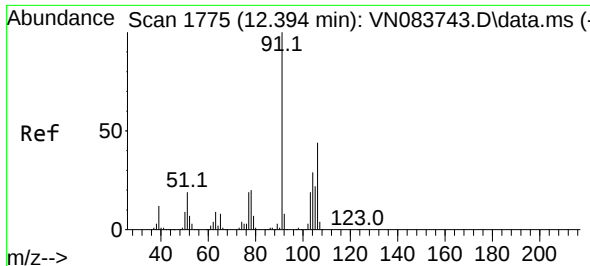
Tgt Ion:106 Resp: 4904533

Ion Ratio Lower Upper

106 100

91 211.1 169.2 253.8

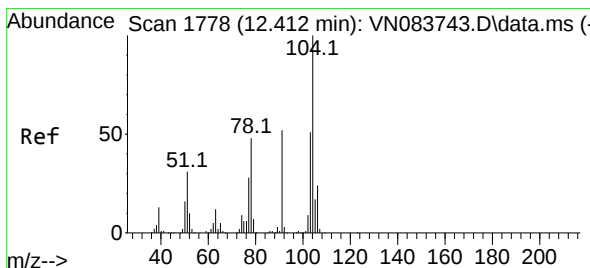
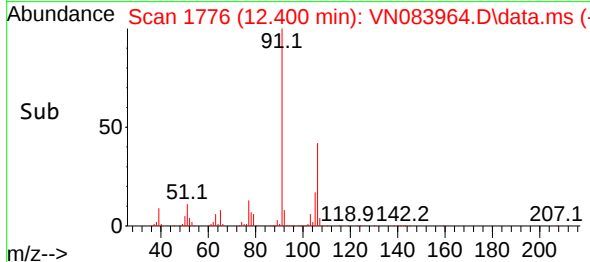
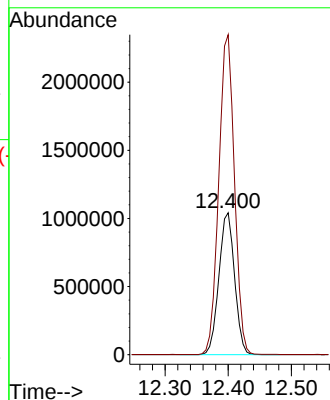
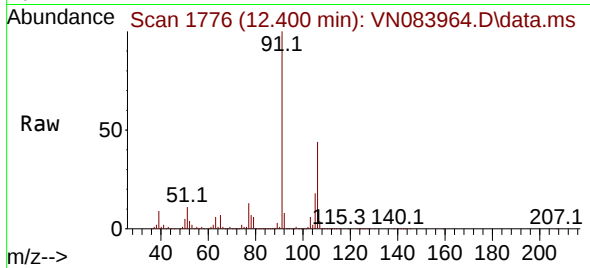




#69
o-Xylene
Concen: 484.486 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

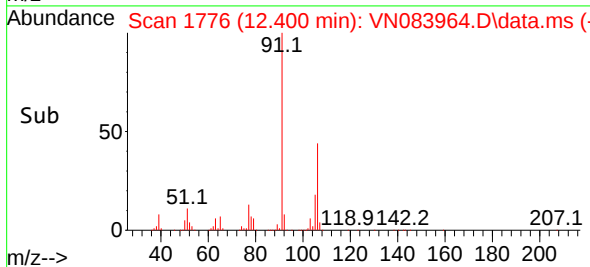
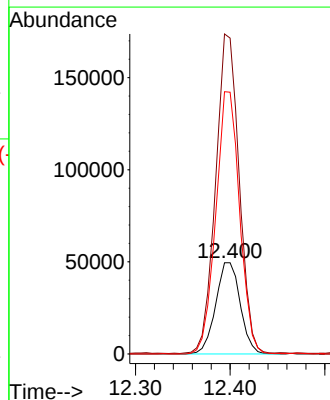
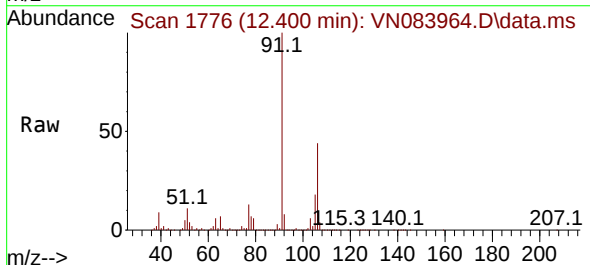
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

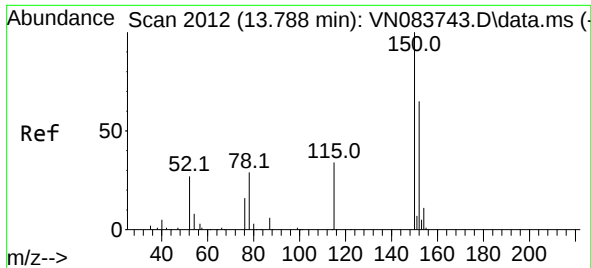
Tgt Ion:106 Resp: 1794216
Ion Ratio Lower Upper
106 100
91 225.5 112.9 338.6



#70
Styrene
Concen: 14.671 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.012 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion:104 Resp: 89165
Ion Ratio Lower Upper
104 100
78 336.1 43.3 64.9#
103 279.1 43.4 65.2#

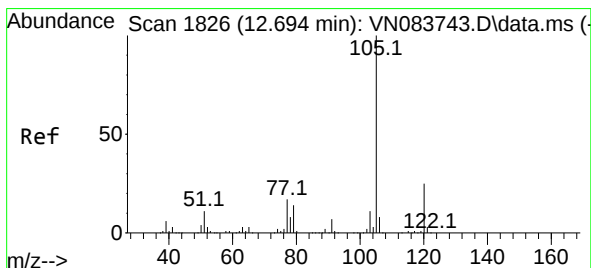
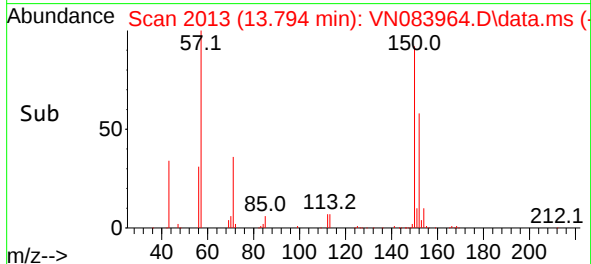
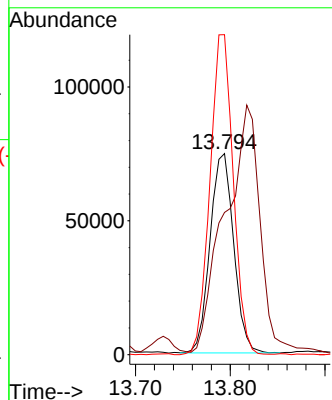
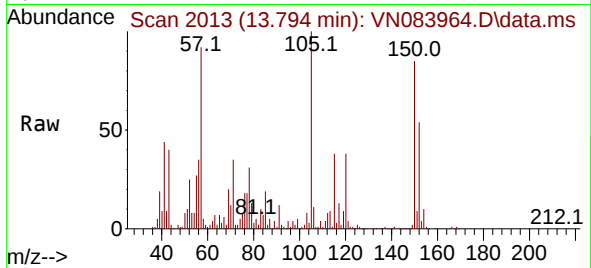




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

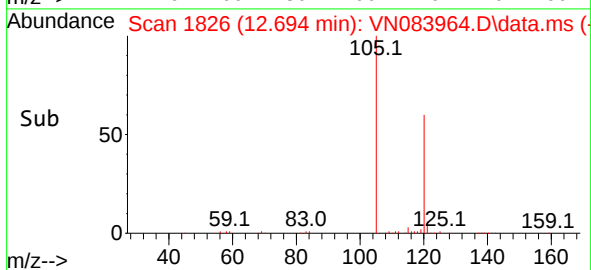
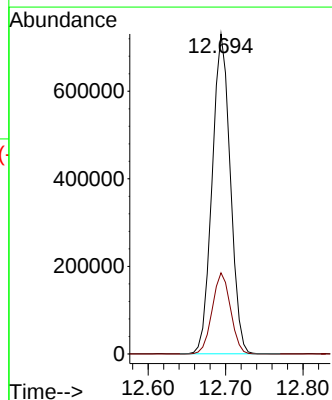
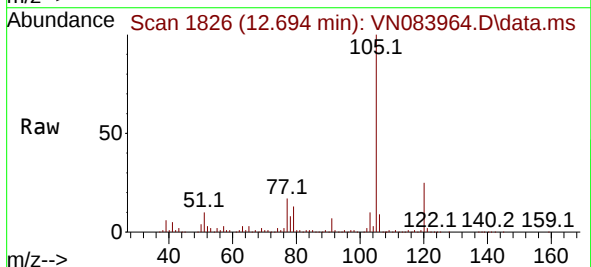
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

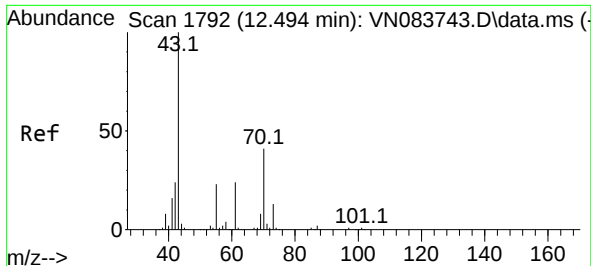
Tgt Ion:152 Resp: 128916
Ion Ratio Lower Upper
152 100
115 0.0 32.2 96.6#
150 158.4 0.0 348.6



#73
Isopropylbenzene
Concen: 119.204 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion:105 Resp: 1188911
Ion Ratio Lower Upper
105 100
120 25.5 12.6 37.8

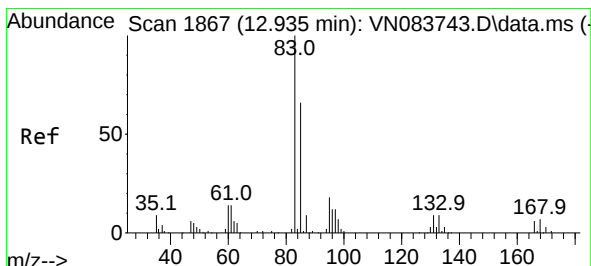
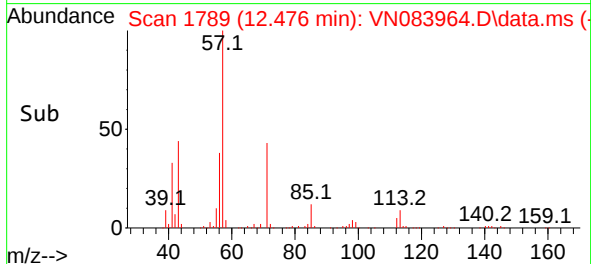
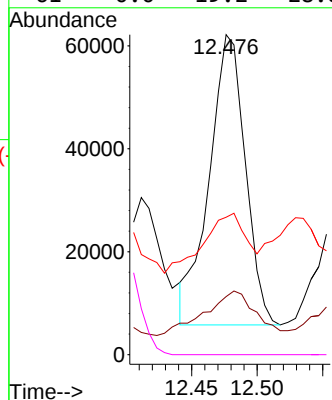
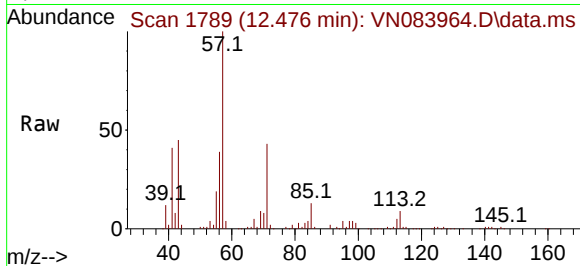




#74
N-amy1 acetate
Concen: 25.377 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.018 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

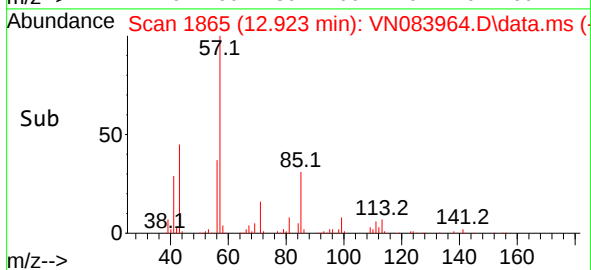
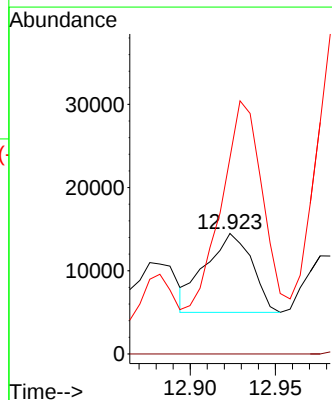
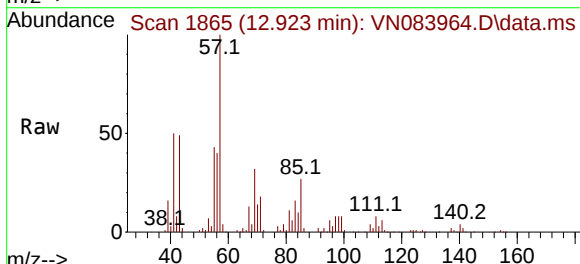
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

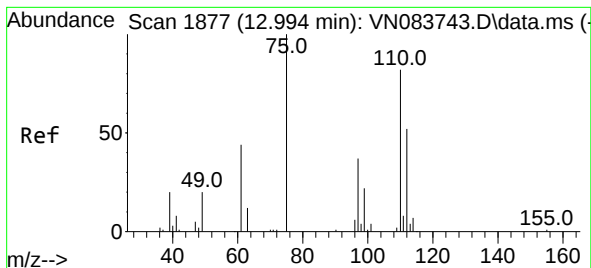
Tgt Ion: 43 Resp: 107990
Ion Ratio Lower Upper
43 100
70 21.4 34.5 51.7#
55 24.6 18.6 28.0
61 0.0 19.2 28.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 6.139 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. -0.012 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 83 Resp: 17990
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 228.4 31.9 95.9#





#76

1,2,3-Trichloropropane

Concen: 5.410 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.041 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

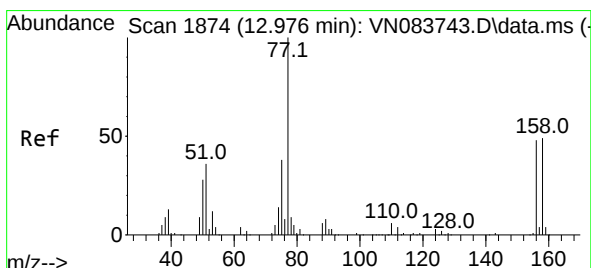
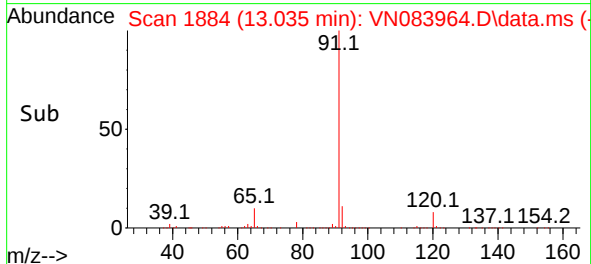
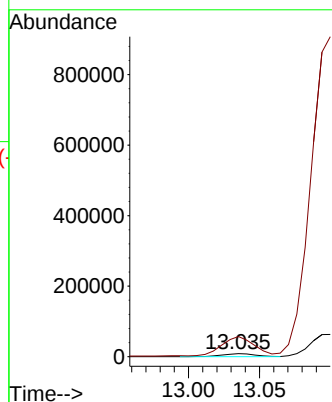
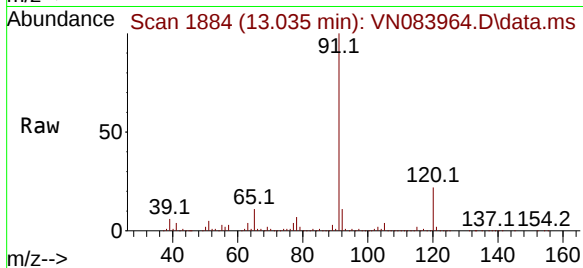
FDF-3

Tgt Ion: 75 Resp: 14073

Ion Ratio Lower Upper

75 100

77 637.0 95.2 285.6#



#77

Bromobenzene

Concen: 0.281 ug/l

RT: 12.929 min Scan# 1866

Delta R.T. -0.047 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

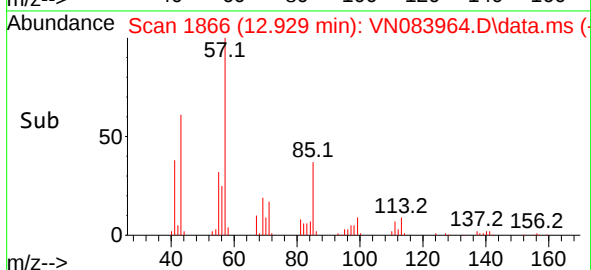
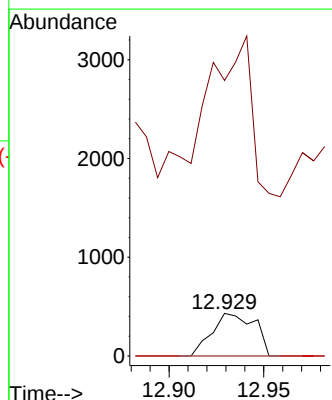
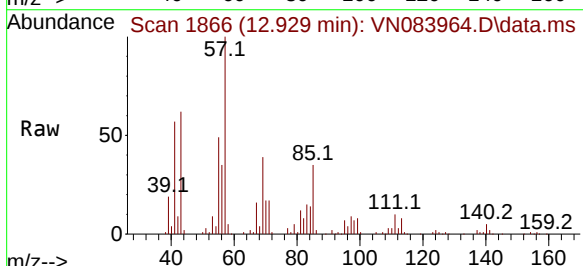
Tgt Ion:156 Resp: 675

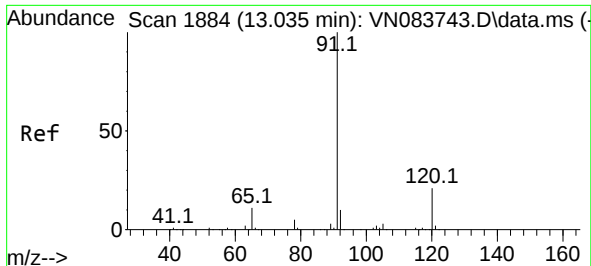
Ion Ratio Lower Upper

156 100

77 0.0 114.3 343.1#

158 0.0 48.9 146.7#

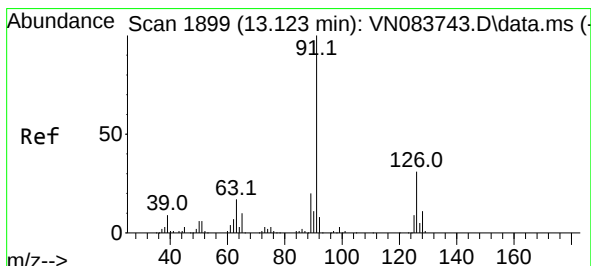
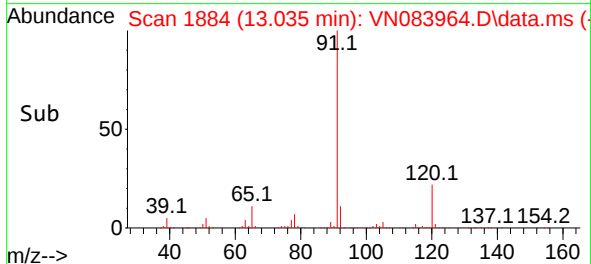
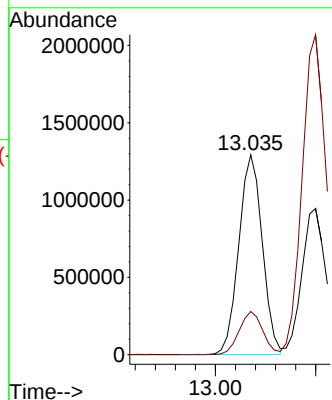
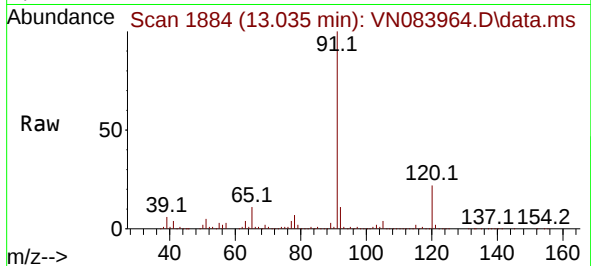




#78
n-propylbenzene
Concen: 181.222 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

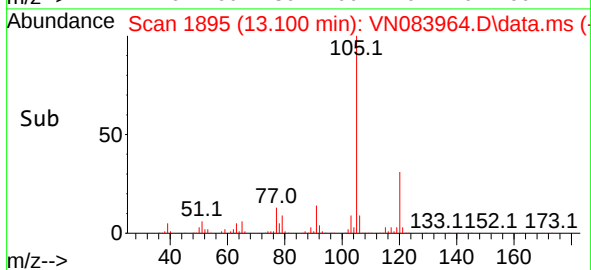
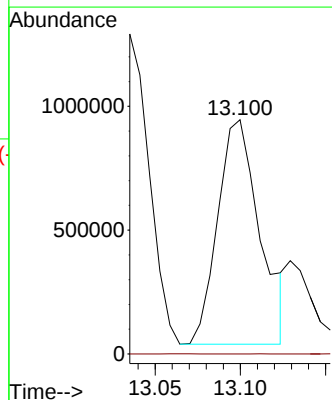
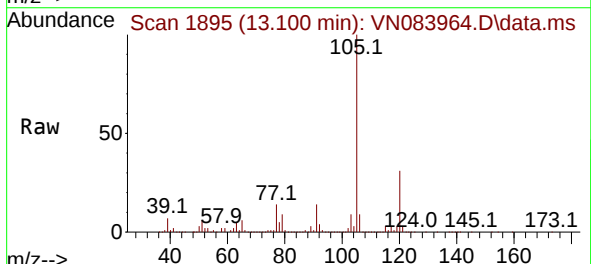
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

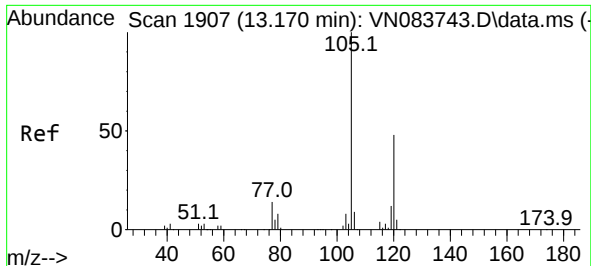
Tgt Ion: 91 Resp: 2103008
Ion Ratio Lower Upper
91 100
120 21.9 11.0 33.0



#79
2-Chlorotoluene
Concen: 209.995 ug/l
RT: 13.100 min Scan# 1895
Delta R.T. -0.024 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 91 Resp: 1554135
Ion Ratio Lower Upper
91 100
126 0.0 15.4 46.2#

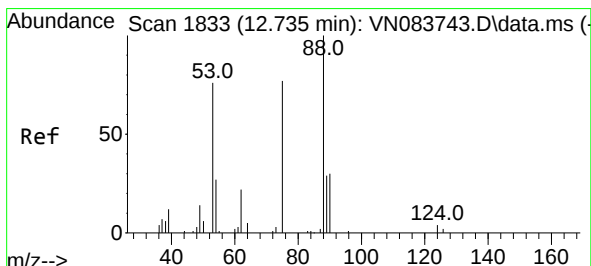
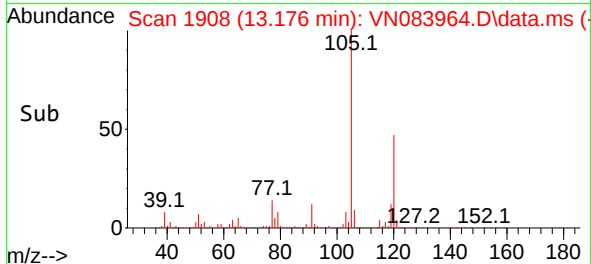
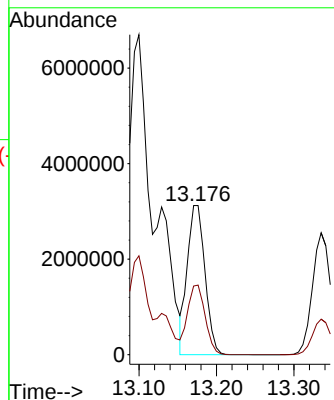
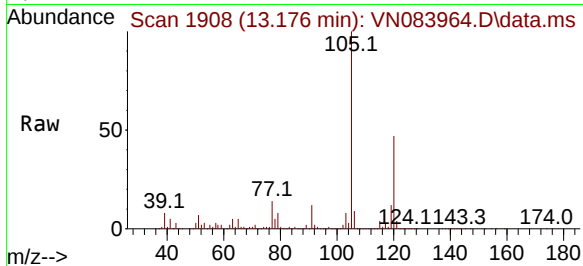




#80
1,3,5-Trimethylbenzene
Concen: 586.338 ug/l
RT: 13.176 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

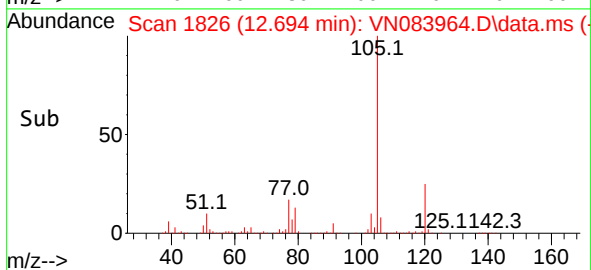
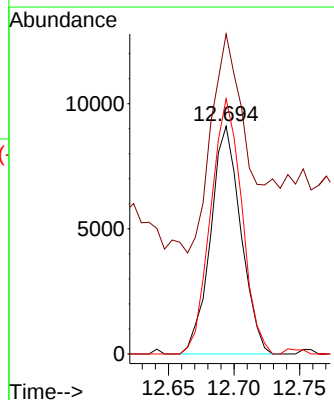
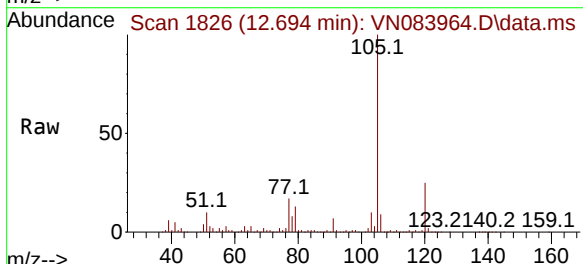
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

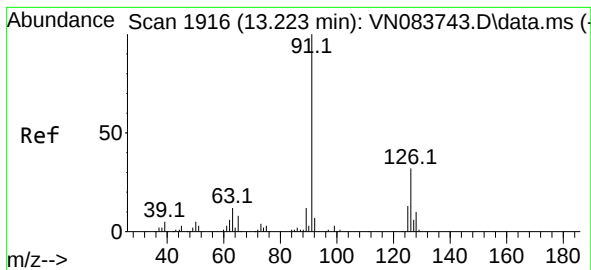
Tgt Ion:105 Resp: 4930418
Ion Ratio Lower Upper
105 100
120 46.6 23.4 70.3



#81
trans-1,4-Dichloro-2-butene
Concen: 14.717 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.041 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 75 Resp: 14617
Ion Ratio Lower Upper
75 100
53 109.5 81.2 121.8
89 115.3 35.7 53.5#

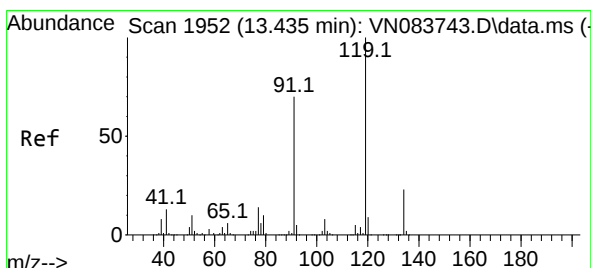
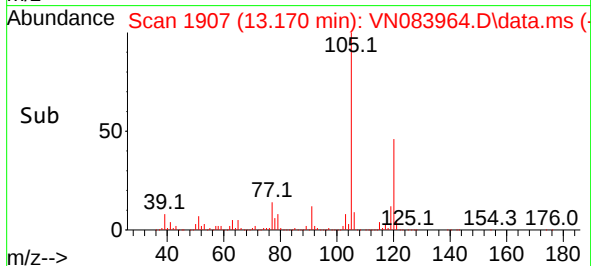
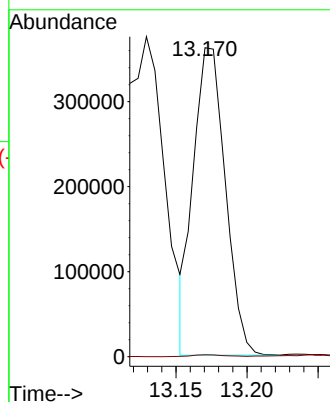
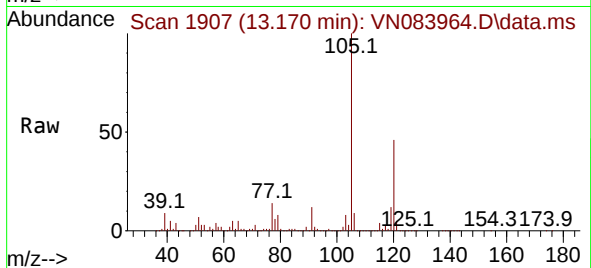




#82
4-Chlorotoluene
Concen: 76.228 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

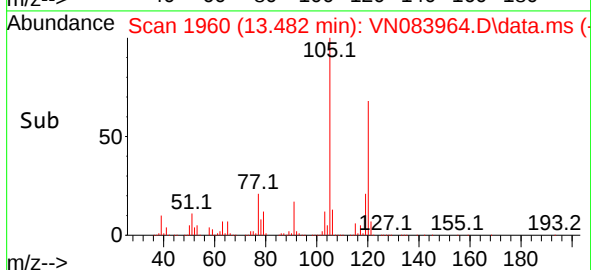
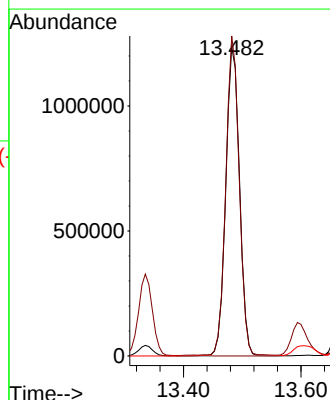
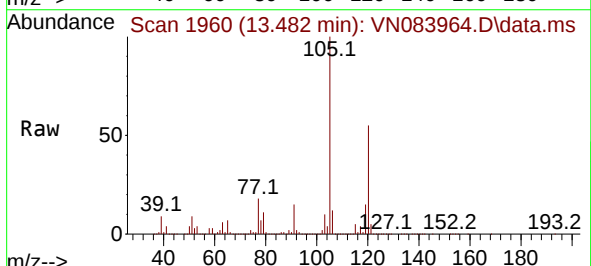
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

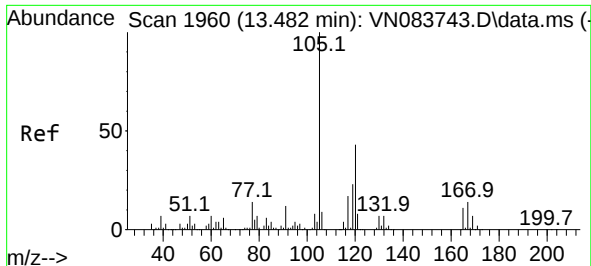
Tgt Ion: 91 Resp: 566134
Ion Ratio Lower Upper
91 100
126 0.7 15.4 46.2#



#83
tert-Butylbenzene
Concen: 273.075 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion: 119 Resp: 2008969
Ion Ratio Lower Upper
119 100
91 100.7 34.5 103.6
134 0.0 12.8 38.4#

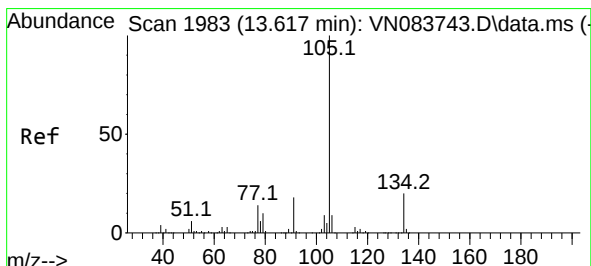
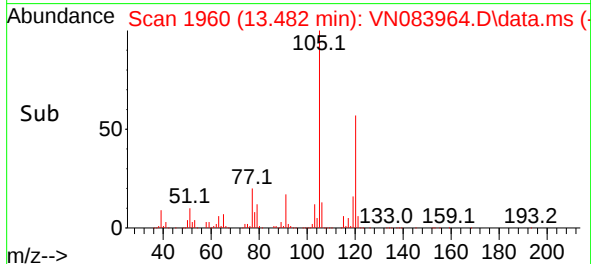
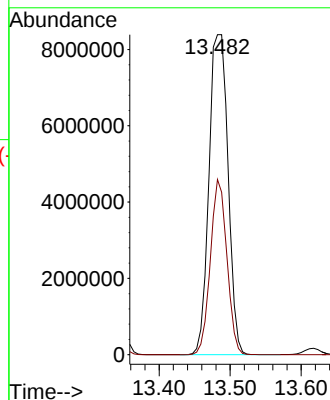
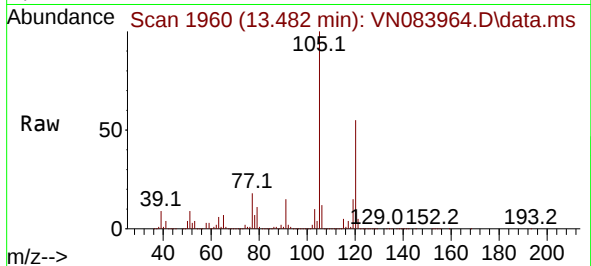




#84
1,2,4-Trimethylbenzene
Concen: 1852.090 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

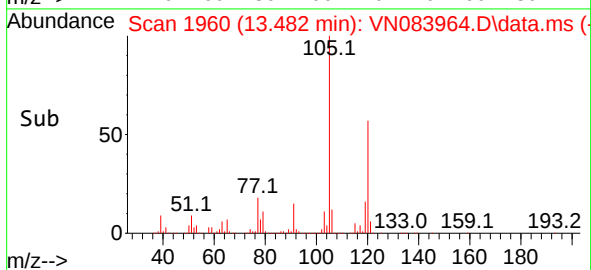
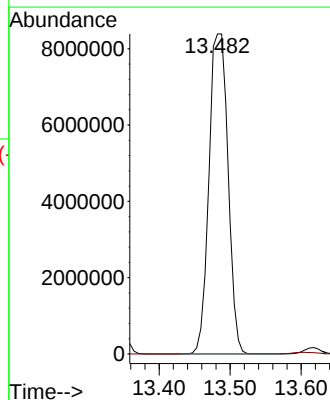
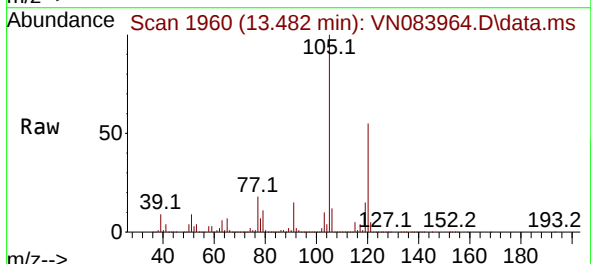
Instrument :
MSVOA_N
ClientSampleId :
FDF-3

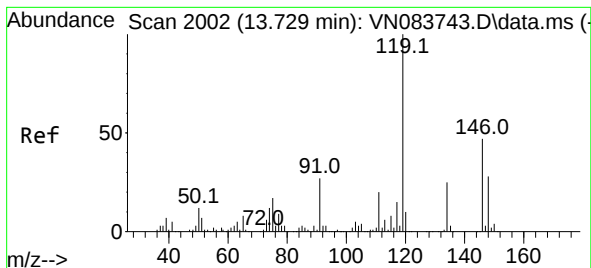
Tgt Ion:105 Resp:15644144
Ion Ratio Lower Upper
105 100
120 47.4 21.8 65.4



#85
sec-Butylbenzene
Concen: 1603.417 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion:105 Resp:15644144
Ion Ratio Lower Upper
105 100
134 0.0 9.7 29.1#





#86

p-Isopropyltoluene

Concen: 52.840 ug/l

RT: 13.670 min Scan# 1992

Delta R.T. -0.059 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

FDF-3

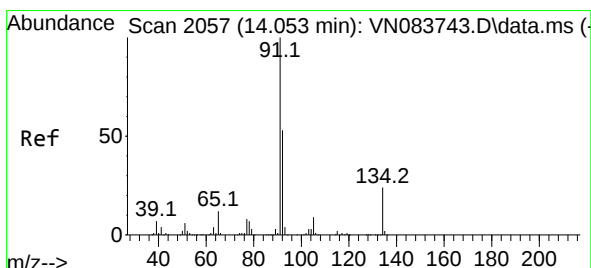
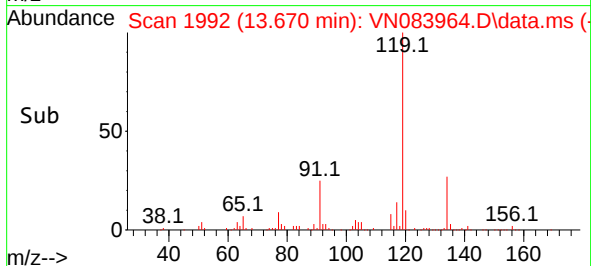
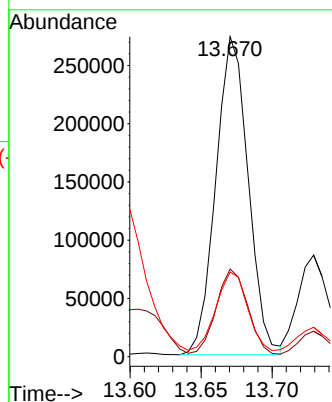
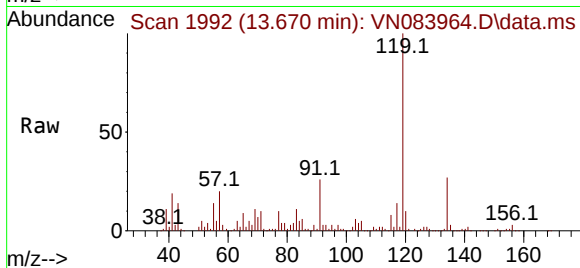
Tgt Ion:119 Resp: 432171

Ion Ratio Lower Upper

119 100

134 27.6 12.8 38.3

91 24.0 12.9 38.7



#89

n-Butylbenzene

Concen: 56.045 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

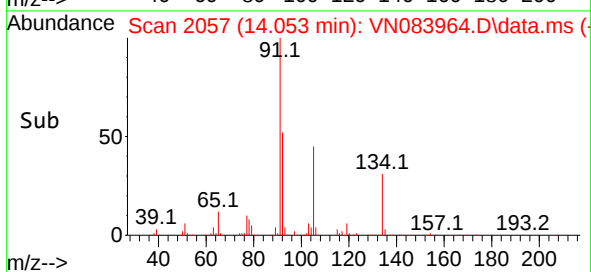
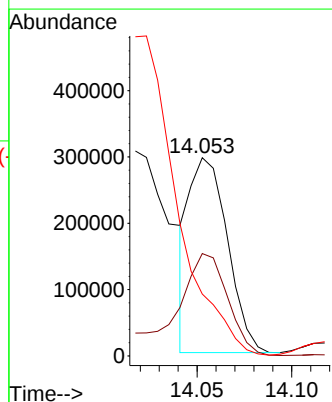
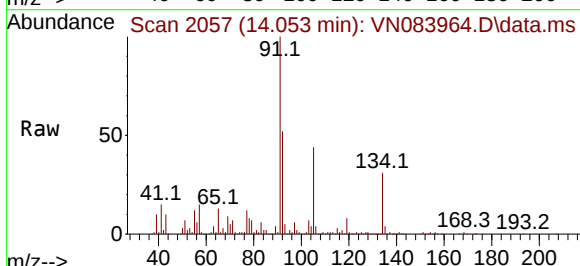
Tgt Ion: 91 Resp: 411551

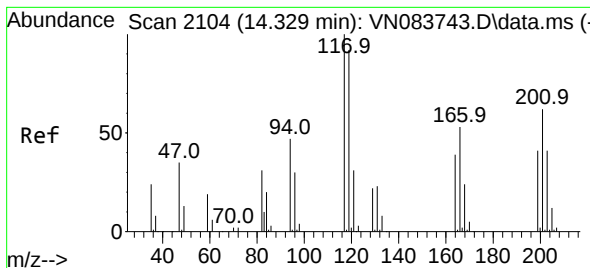
Ion Ratio Lower Upper

91 100

92 70.6 26.7 80.1

134 0.0 12.2 36.4#





#90

Hexachloroethane

Concen: 127.209 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

Instrument :

MSVOA_N

ClientSampleId :

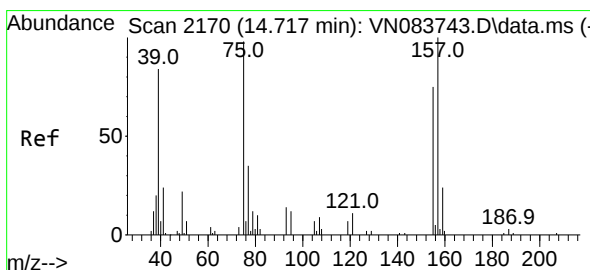
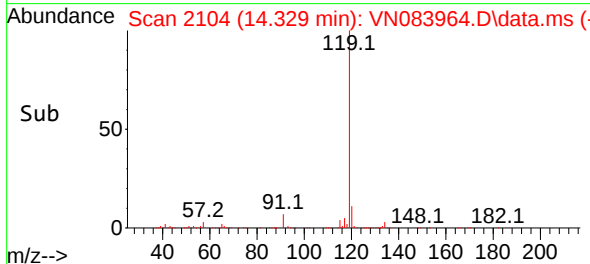
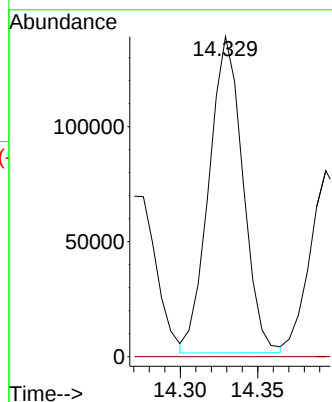
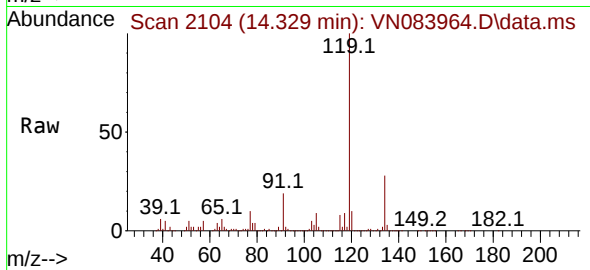
FDF-3

Tgt Ion:117 Resp: 209143

Ion Ratio Lower Upper

117 100

201 0.0 32.8 98.3#



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.240 ug/l

RT: 14.688 min Scan# 2165

Delta R.T. -0.029 min

Lab File: VN083964.D

Acq: 18 Sep 2024 05:57

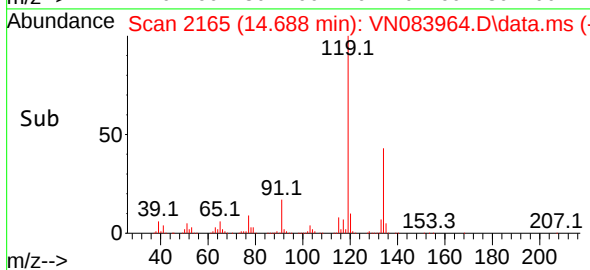
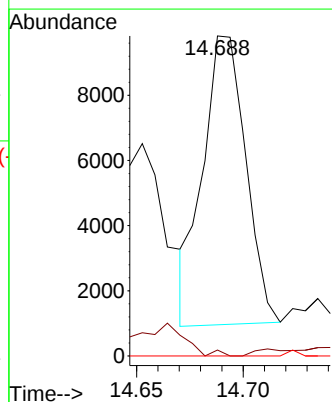
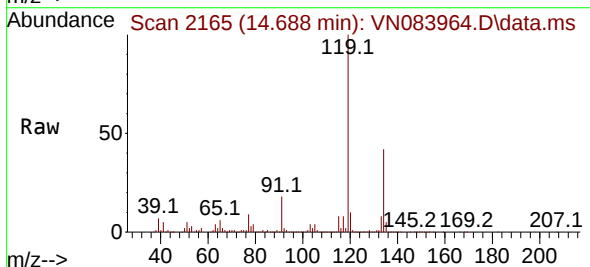
Tgt Ion: 75 Resp: 12408

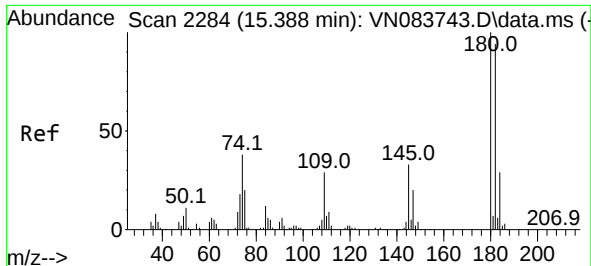
Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.7#

157 0.0 47.5 142.5#

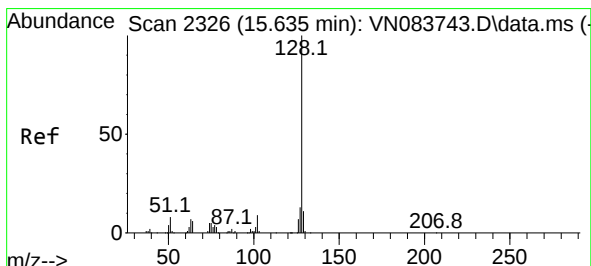
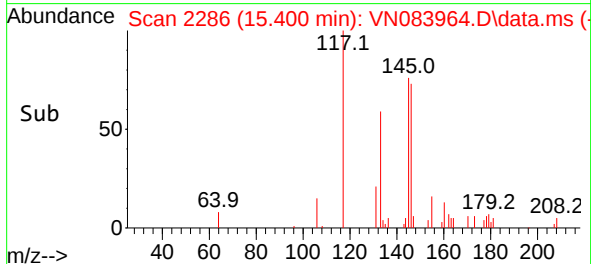
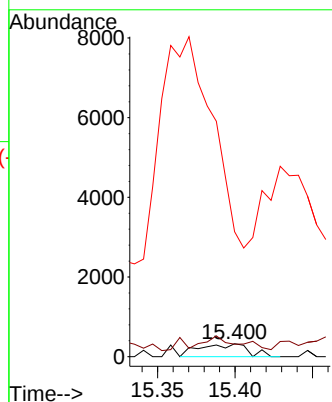
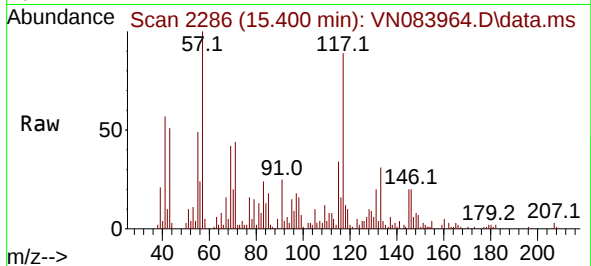




#93
1,2,4-Trichlorobenzene
Concen: 0.298 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Instrument :
MSVOA_N
ClientSampleId :
FDF-3

Tgt Ion:180 Resp: 699
Ion Ratio Lower Upper
180 100
182 71.5 48.1 144.3
145 0.0 16.9 50.7#



#95
Naphthalene
Concen: 261.110 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN083964.D
Acq: 18 Sep 2024 05:57

Tgt Ion:128 Resp: 1864047
Ion Ratio Lower Upper
128 100
127 13.4 10.2 15.2
129 10.9 8.7 13.1

