

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083969.D
 Acq On : 18 Sep 2024 07:56
 Operator : JC\MD
 Sample : P3964-08
 Misc : 2.91g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-5

Quant Time: Sep 18 08:25:39 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	199970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	335953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	290647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	143029	47.435	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.860%		
35) Dibromofluoromethane	8.159	113	100556	46.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.500%		
50) Toluene-d8	10.565	98	414012	55.683	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	111.360%		
62) 4-Bromofluorobenzene	12.847	95	165407	53.921	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	268	Below Cal	#	41
5) Bromomethane	2.901	94	664	0.454	ug/l #	62
11) Tert butyl alcohol	5.489	59	5605	13.882	ug/l #	71
16) Acetone	4.436	43	397	0.328	ug/l #	45
18) Methyl Acetate	5.047	43	832	Below Cal	#	52
20) Methylene Chloride	5.259	84	3248	1.313	ug/l #	91
25) 2-Butanone	7.477	43	493	0.310	ug/l #	49
29) Tetrahydrofuran	7.847	42	288	0.307	ug/l #	47
31) Cyclohexane	8.218	56	14285	3.278	ug/l #	65
36) 1,1-Dichloropropene	8.218	75	18803	5.809	ug/l #	49
38) Carbon Tetrachloride	8.218	117	23462	6.389	ug/l #	16
39) Methylcyclohexane	9.594	83	19966	5.419	ug/l #	1
43) Isopropyl Acetate	8.753	43	134641	25.286	ug/l #	57
45) 1,2-Dichloropropane	9.635	63	535	0.227	ug/l #	1
47) Bromodichloromethane	9.871	83	17450	4.888	ug/l #	24
48) Methyl methacrylate	9.641	41	68863	27.259	ug/l #	43
51) 4-Methyl-2-Pentanone	10.488	43	219627	75.772	ug/l #	78
52) Toluene	10.624	92	39666	6.656	ug/l	97
55) 1,1,2-Trichloroethane	11.006	97	23858	10.723	ug/l #	1
56) Ethyl methacrylate	10.847	69	12820	3.745	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.141	63	2961	2.401	ug/l #	46
59) 2-Hexanone	11.171	43	99579	46.443	ug/l #	30
60) Dibromochloromethane	11.271	129	1550	0.622	ug/l	69
61) 1,2-Dibromoethane	11.441	107	634	0.286	ug/l #	1
67) Ethyl Benzene	11.965	91	1735948	151.276	ug/l	99
68) m/p-Xylenes	12.065	106	4106418	963.864	ug/l	99
69) o-Xylene	12.394	106	1883004	456.558	ug/l	100
70) Styrene	12.400	104	94464	13.956	ug/l #	1
71) Bromoform	12.582	173	676	0.448	ug/l #	29
73) Isopropylbenzene	12.694	105	1276112	115.217	ug/l	100
74) N-amyl acetate	12.476	43	92062	19.482	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.923	83	10572	3.249	ug/l #	1
76) 1,2,3-Trichloropropane	13.035	75	19113	6.617	ug/l #	1
78) n-propylbenzene	13.035	91	2773884	215.250	ug/l	99
79) 2-Chlorotoluene	13.094	91	1613376	196.310	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.170	105	3813893	408.430	ug/l	97

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

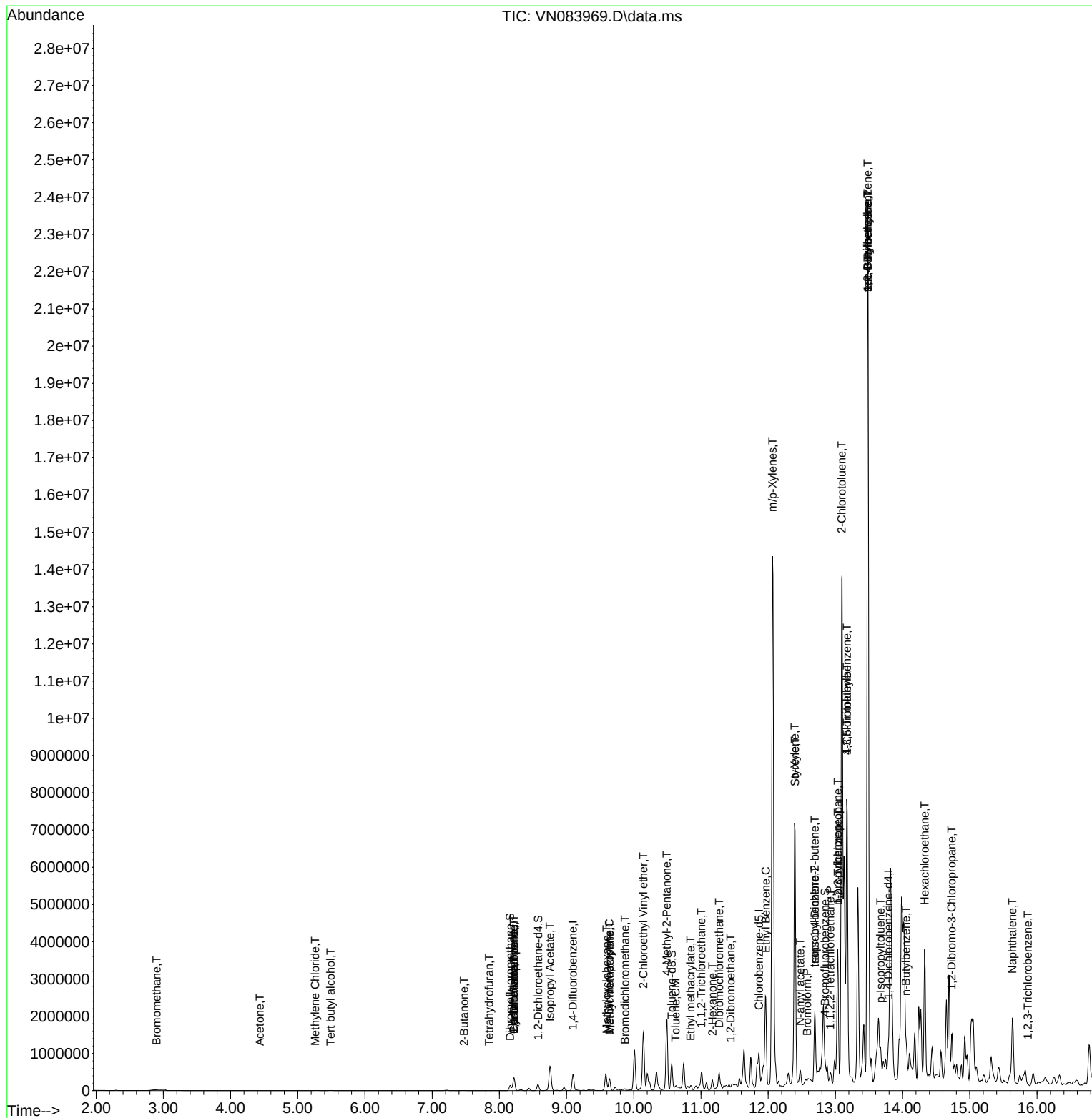
81) trans-1,4-Dichloro-2-b...	12.694	75	17894	16.224	ug/l #	67
82) 4-Chlorotoluene	13.170	91	435145	52.761	ug/l #	45
83) tert-Butylbenzene	13.482	119	1550122	189.741	ug/l #	60
84) 1,2,4-Trimethylbenzene	13.482	105	12891140	1374.316	ug/l	99
85) sec-Butylbenzene	13.482	105	12891140	1189.792	ug/l #	57
86) p-Isopropyltoluene	13.670	119	339440	37.373	ug/l	97
89) n-Butylbenzene	14.053	91	413440	50.700	ug/l #	78
90) Hexachloroethane	14.329	117	166187	91.024	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.729	75	1438	2.217	ug/l #	18
95) Naphthalene	15.635	128	1605128	202.471	ug/l	99
96) 1,2,3-Trichlorobenzene	15.864	180	728	0.292	ug/l #	37

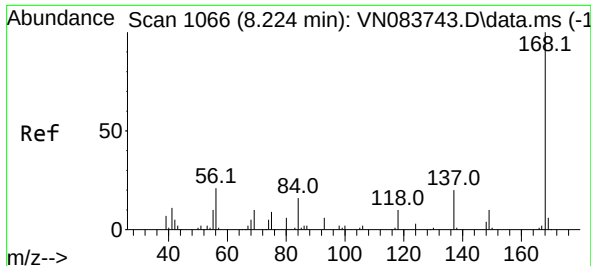
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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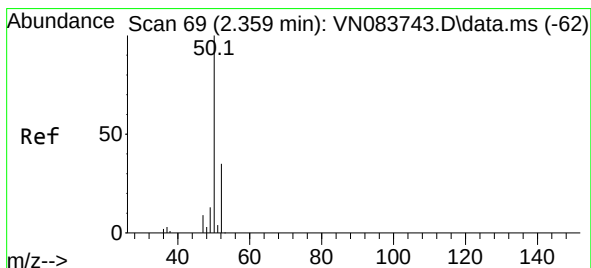
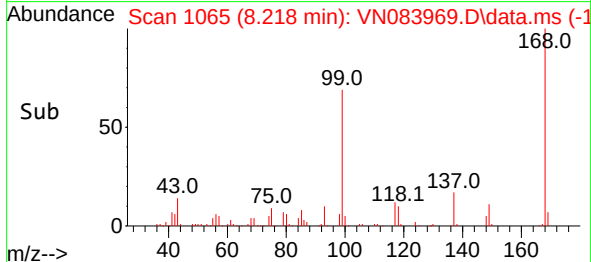
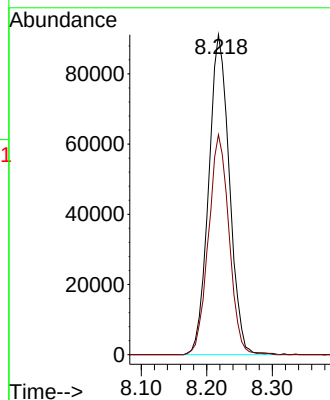
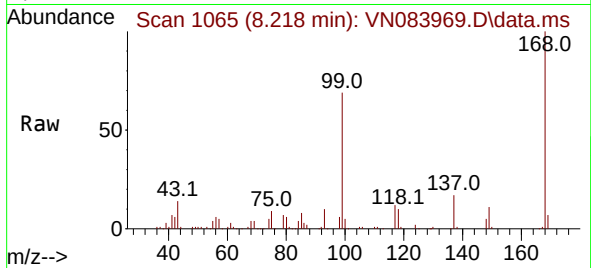




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

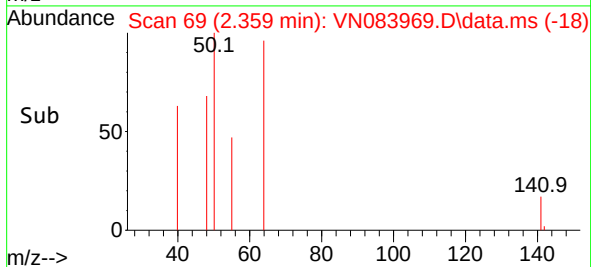
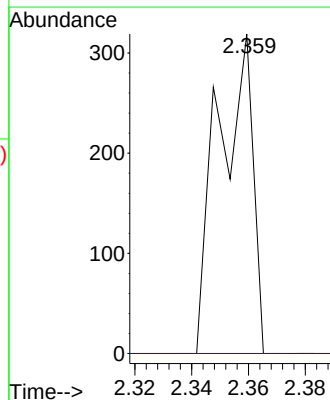
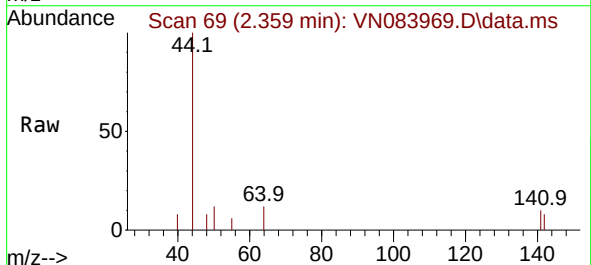
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

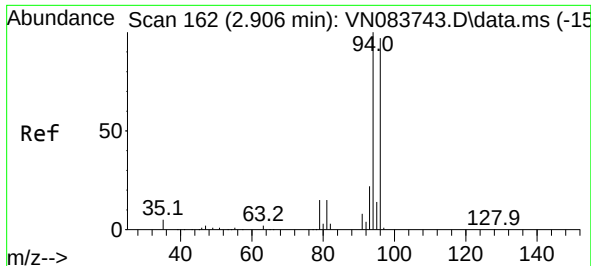
Tgt Ion:168 Resp: 199970
Ion Ratio Lower Upper
168 100
99 68.8 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 50 Resp: 268
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

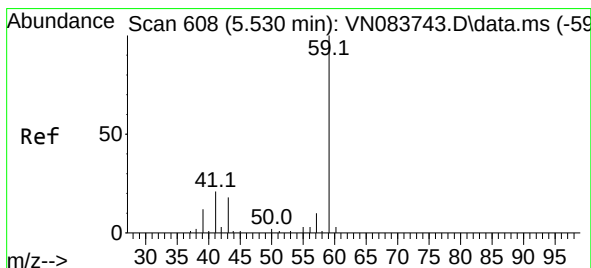
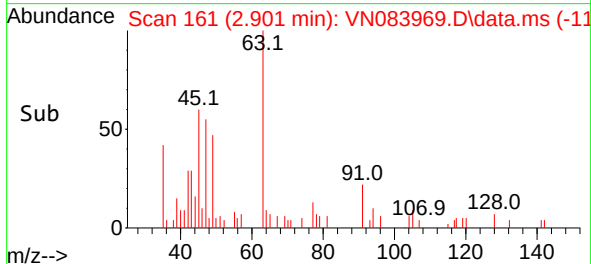
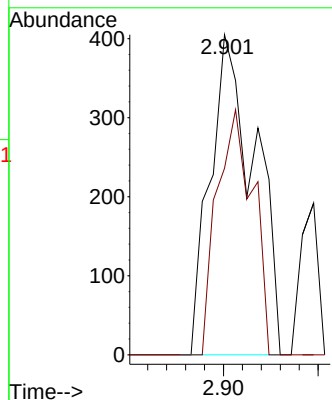
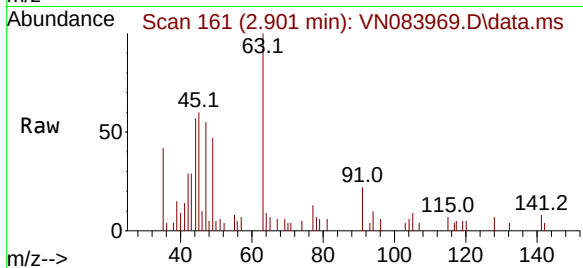




#5
Bromomethane
Concen: 0.454 ug/l
RT: 2.901 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

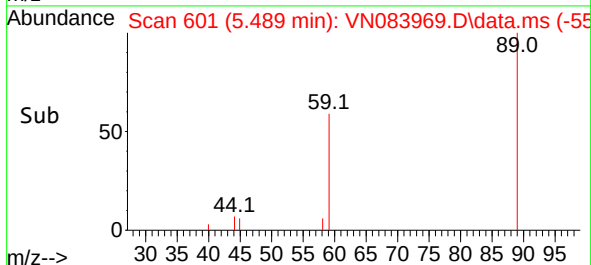
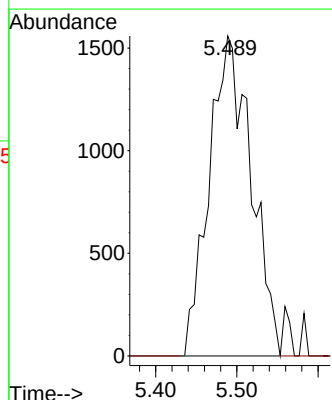
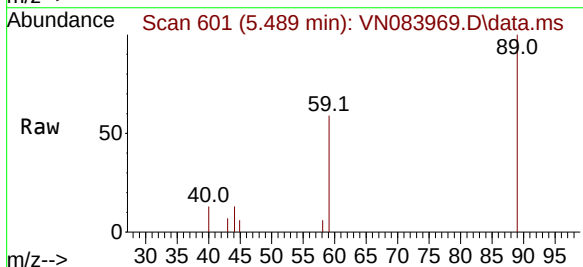
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

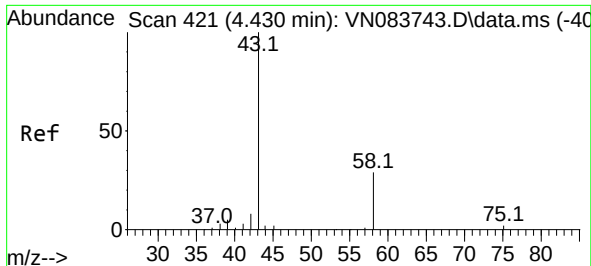
Tgt Ion: 94 Resp: 664
Ion Ratio Lower Upper
94 100
96 58.3 76.0 114.0#



#11
Tert butyl alcohol
Concen: 13.882 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.041 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 59 Resp: 5605
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

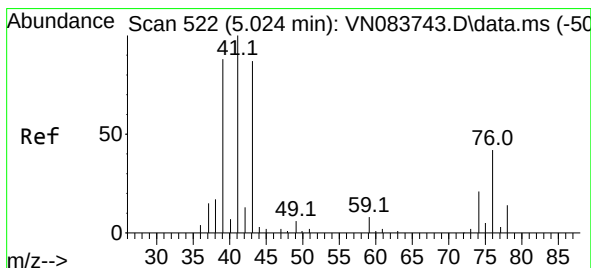
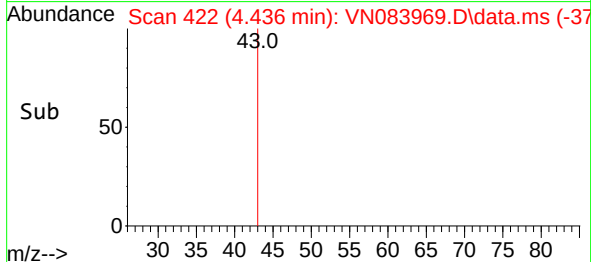
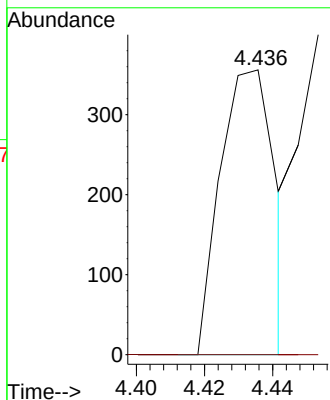
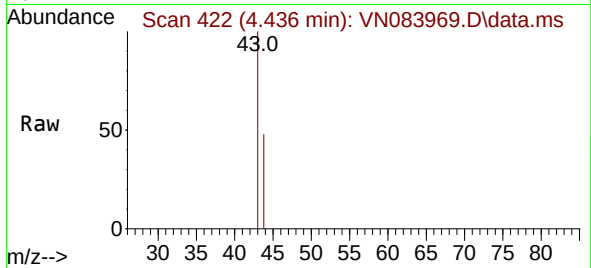




#16
Acetone
Concen: 0.328 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

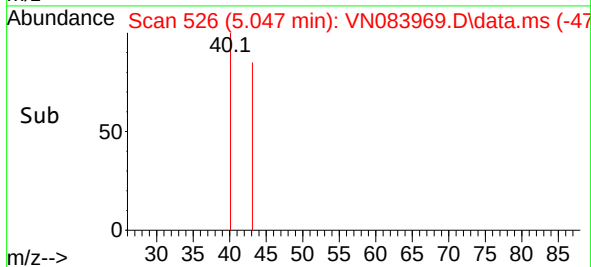
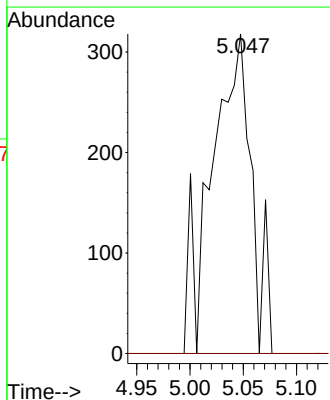
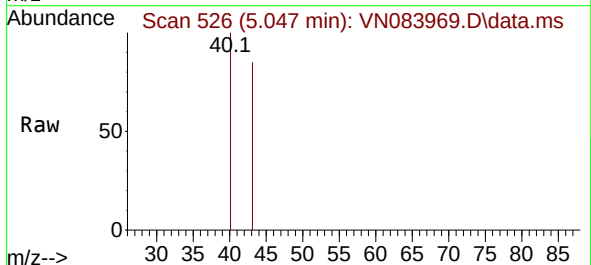
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

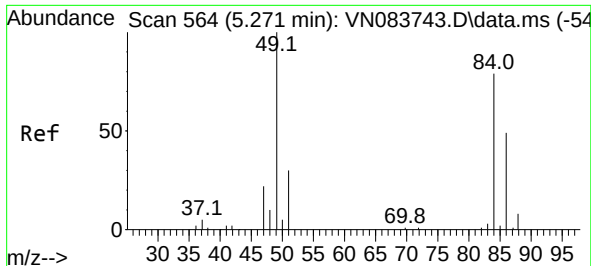
Tgt Ion: 43 Resp: 397
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 526
Delta R.T. 0.023 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 43 Resp: 832
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

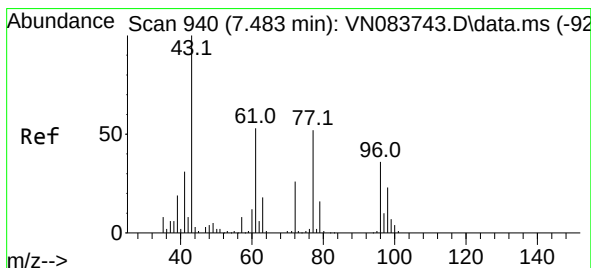
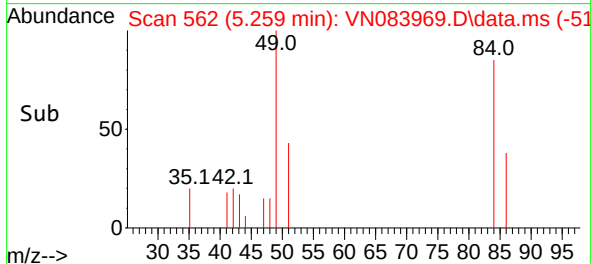
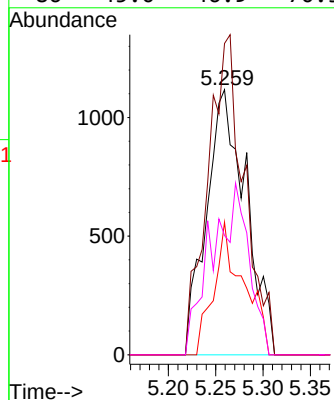
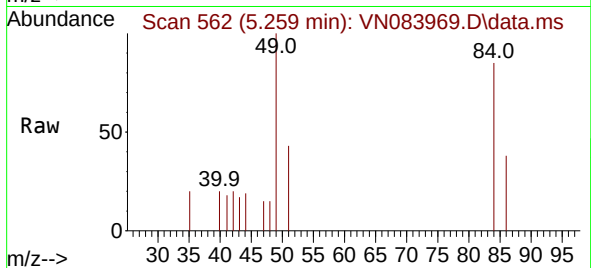




#20
Methylene Chloride
Concen: 1.313 ug/l
RT: 5.259 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

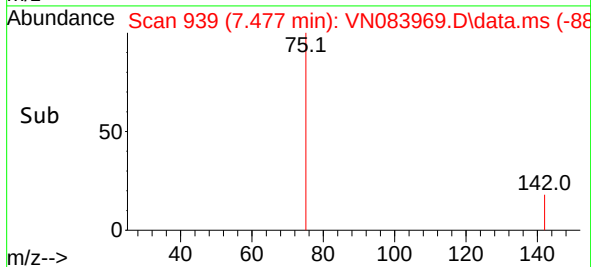
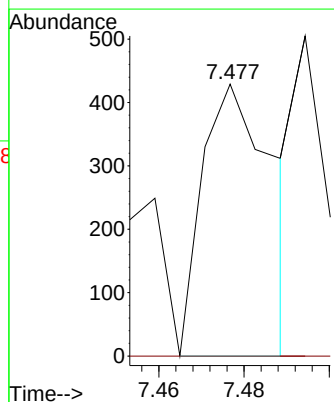
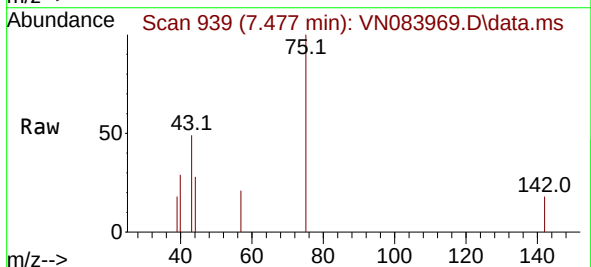
Instrument :
MSVOA_N
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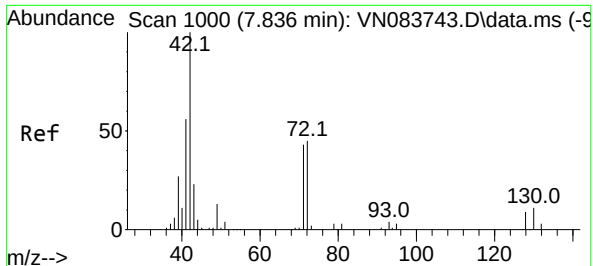
Tgt Ion:	84	Resp:	3248
Ion	Ratio	Lower	Upper
84	100		
49	117.5	93.4	140.0
51	50.0	29.2	43.8#
86	45.0	46.9	70.3#



#25
2-Butanone
Concen: 0.310 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion:	43	Resp:	493
Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.8	31.2#





#29

Tetrahydrofuran

Concen: 0.307 ug/l

RT: 7.847 min Scan# 1065

Delta R.T. 0.012 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

FDF-5

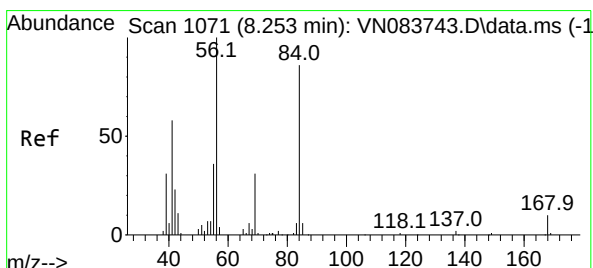
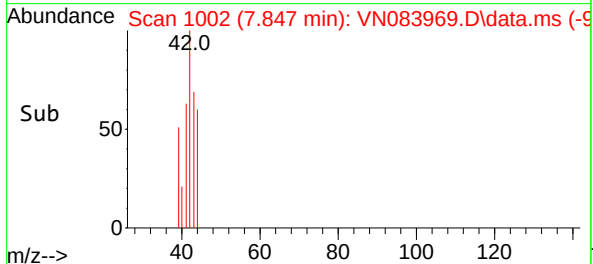
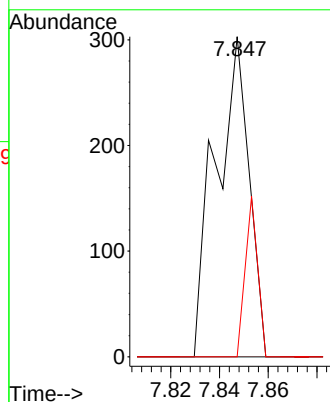
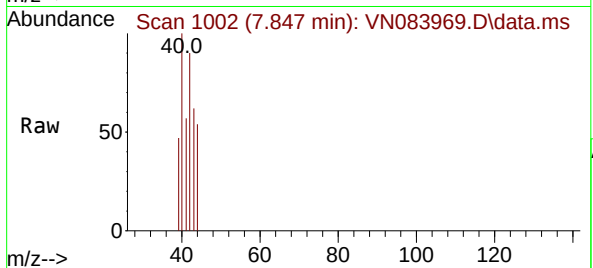
Tgt Ion: 42 Resp: 288

Ion Ratio Lower Upper

42 100

72 0.0 35.9 53.9#

71 18.8 33.9 50.9#



#31

Cyclohexane

Concen: 3.278 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

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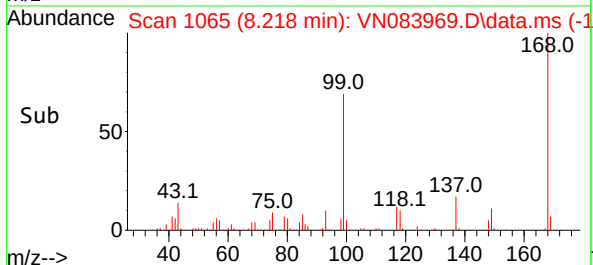
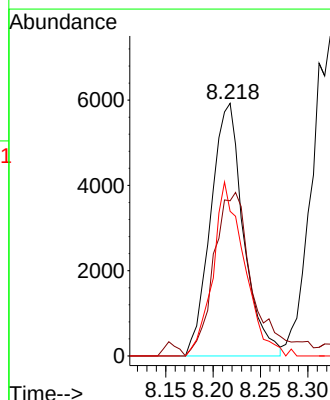
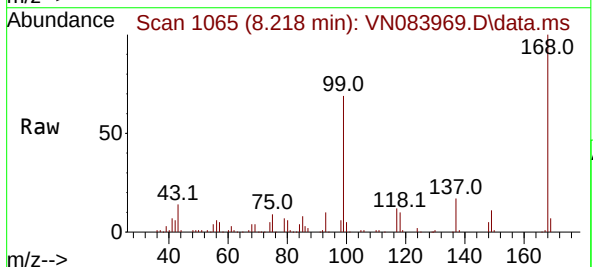
Tgt Ion: 56 Resp: 14285

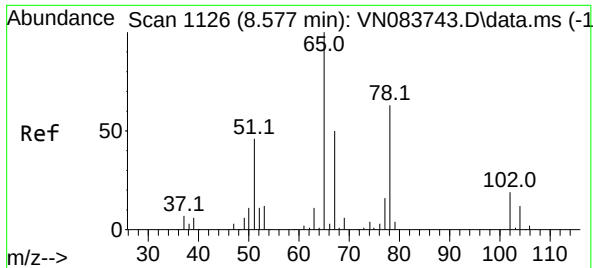
Ion Ratio Lower Upper

56 100

69 58.7 26.9 40.3#

84 57.3 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 47.435 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083969.D

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Instrument :

MSVOA_N

ClientSampleId :

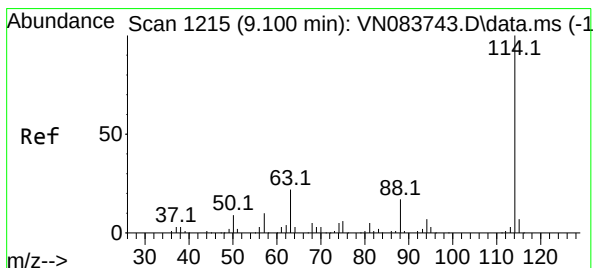
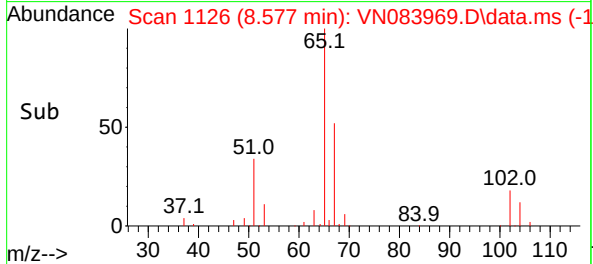
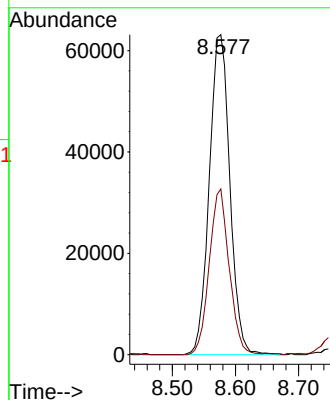
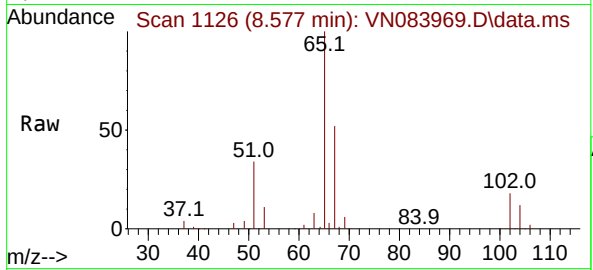
FDF-5

Tgt Ion: 65 Resp: 143029

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

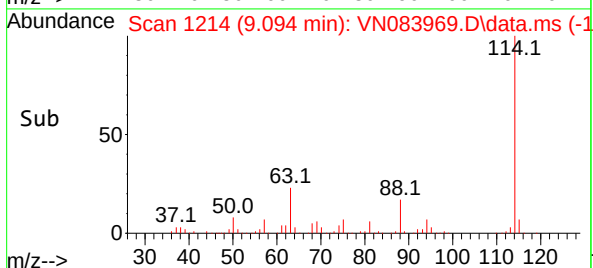
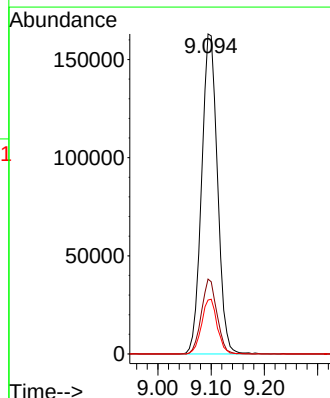
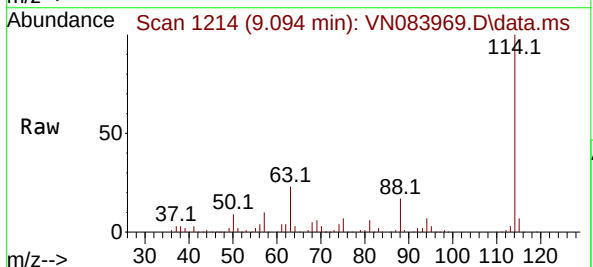
Tgt Ion: 114 Resp: 335953

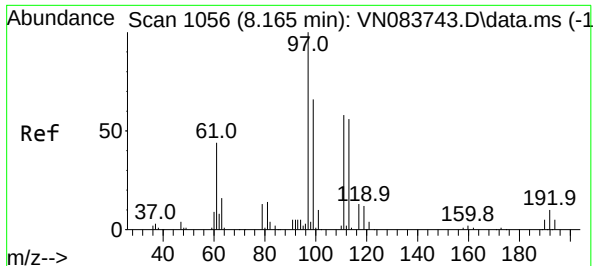
Ion Ratio Lower Upper

114 100

63 23.4 0.0 43.4

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 46.754 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

FDF-5

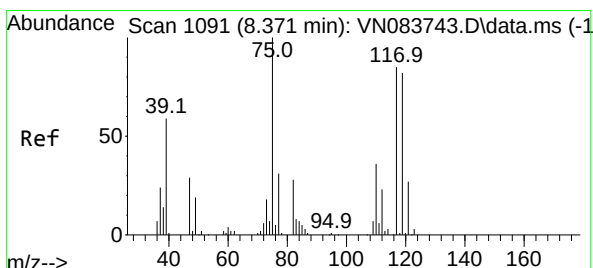
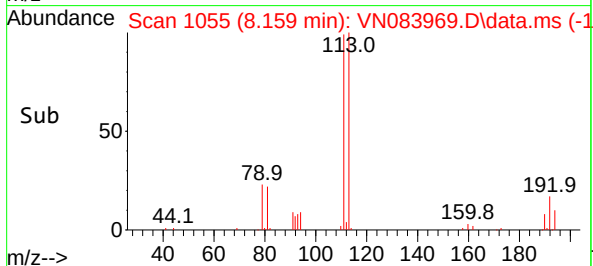
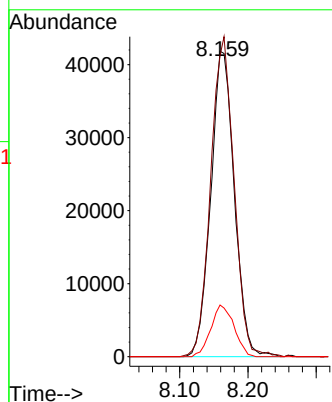
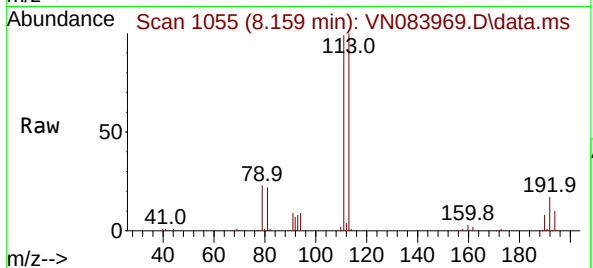
Tgt Ion:113 Resp: 100556

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 16.7 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.809 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

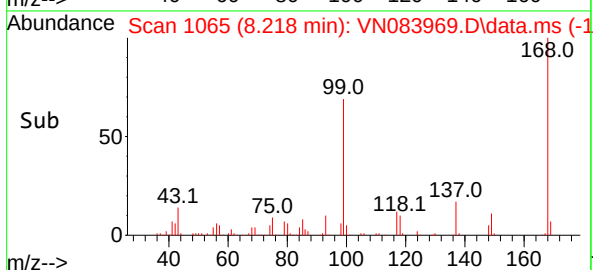
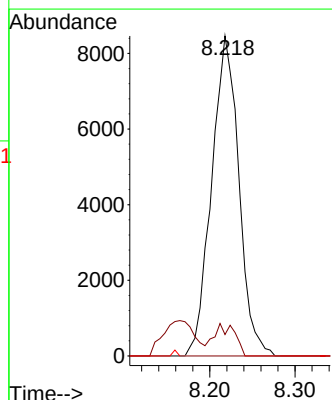
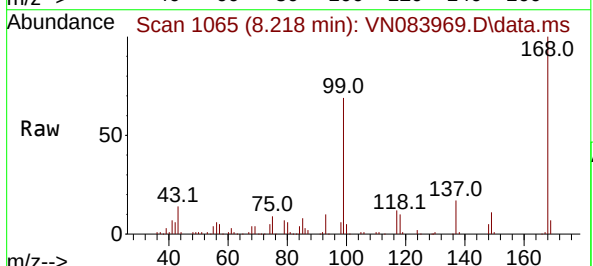
Tgt Ion: 75 Resp: 18803

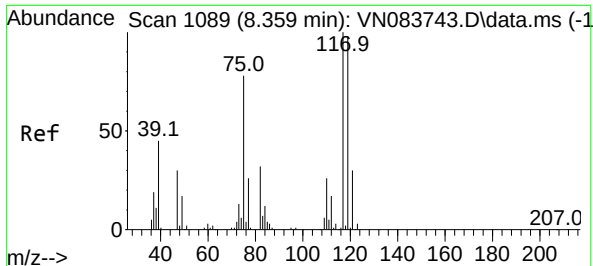
Ion Ratio Lower Upper

75 100

110 7.8 16.7 50.1#

77 0.0 25.2 37.8#

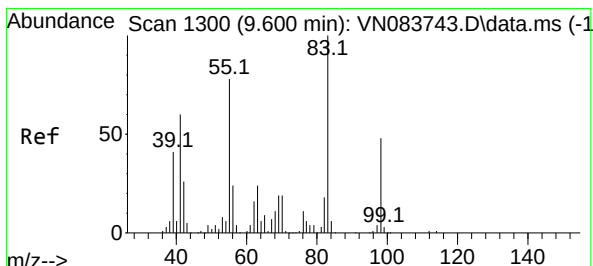
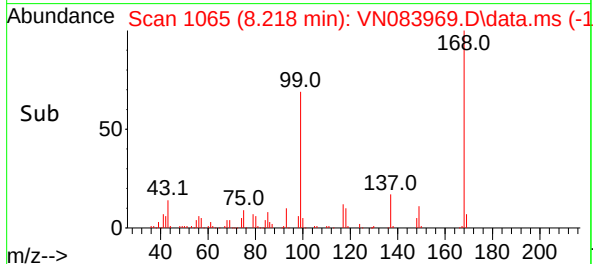
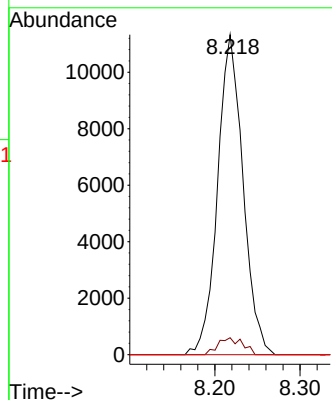
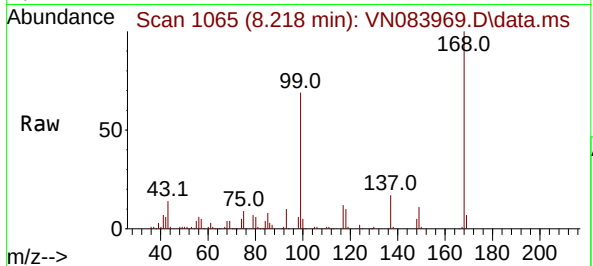




#38
Carbon Tetrachloride
Concen: 6.389 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

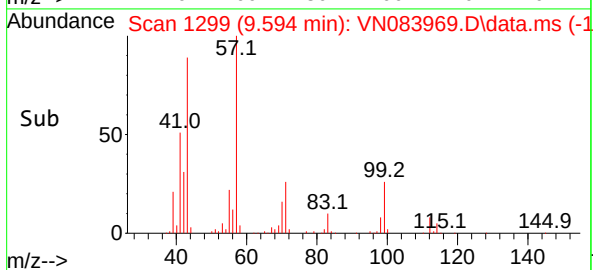
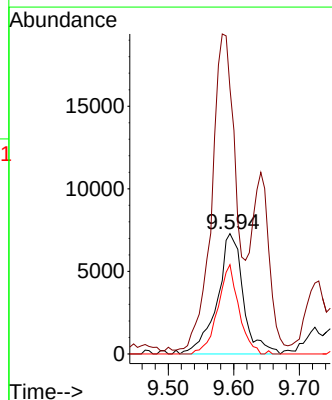
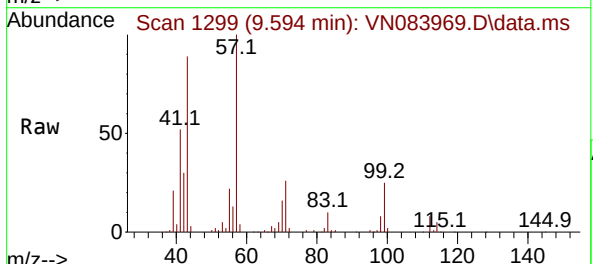
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

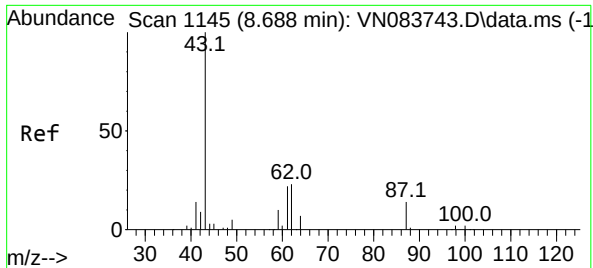
Tgt Ion:117 Resp: 23462
Ion Ratio Lower Upper
117 100
119 5.3 76.1 114.1#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 5.419 ug/l
RT: 9.594 min Scan# 1299
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 83 Resp: 19966
Ion Ratio Lower Upper
83 100
55 216.3 62.2 93.4#
98 74.2 37.6 56.4#

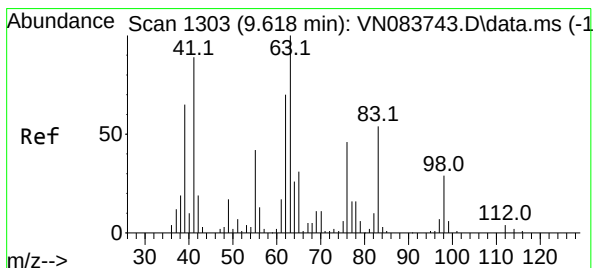
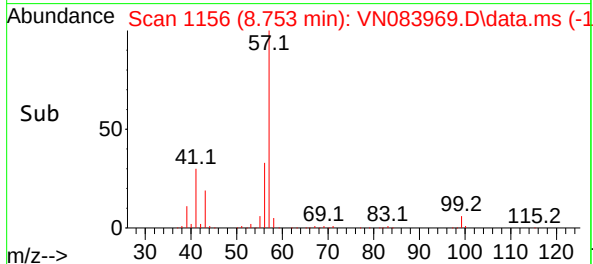
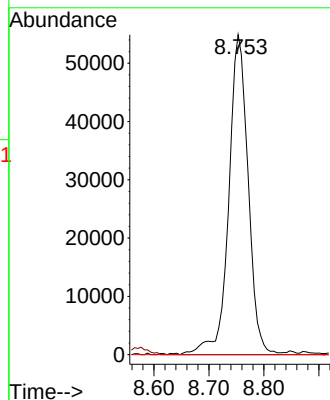
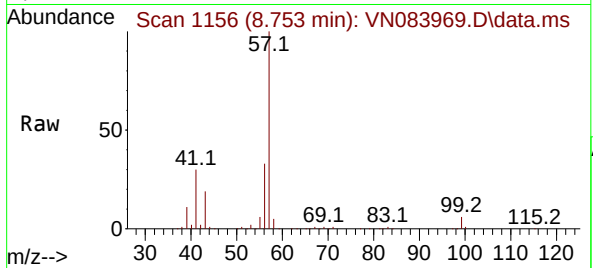




#43
Isopropyl Acetate
Concen: 25.286 ug/l
RT: 8.753 min Scan# 1145
Delta R.T. 0.065 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

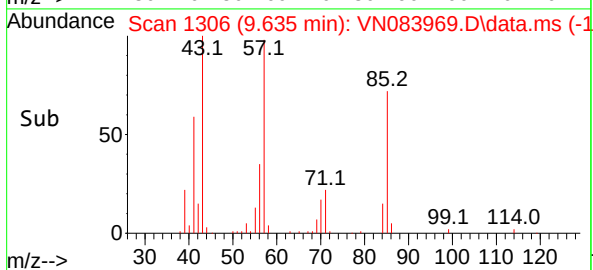
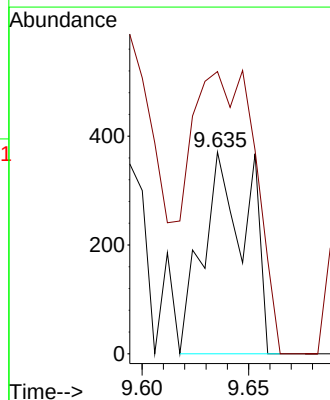
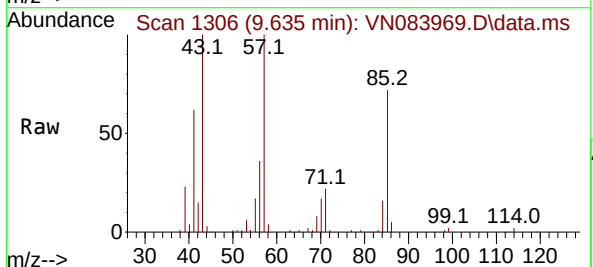
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

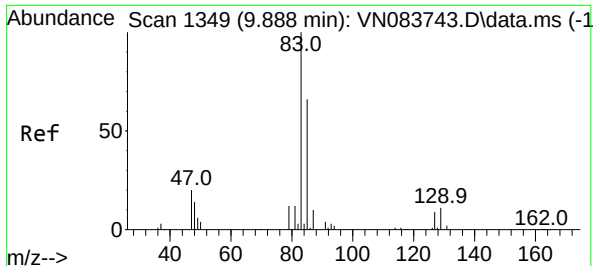
Tgt Ion: 43 Resp: 134641
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#45
1,2-Dichloropropane
Concen: 0.227 ug/l
RT: 9.635 min Scan# 1306
Delta R.T. 0.018 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 63 Resp: 535
Ion Ratio Lower Upper
63 100
65 139.9 25.9 38.9#





#47

Bromodichloromethane

Concen: 4.888 ug/l

RT: 9.871 min Scan# 11

Delta R.T. -0.018 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

FDF-5

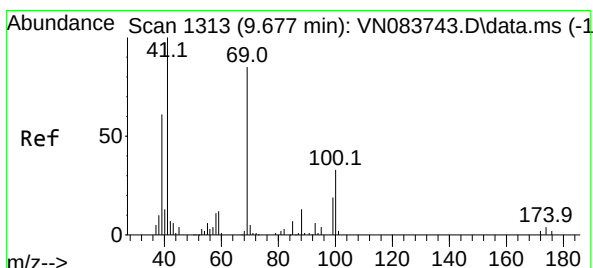
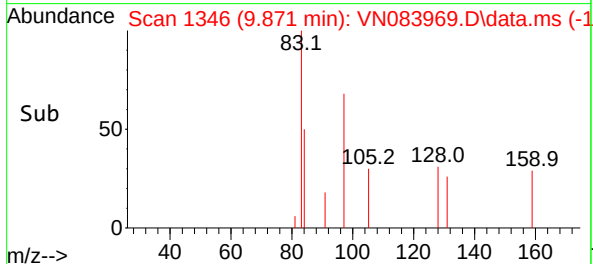
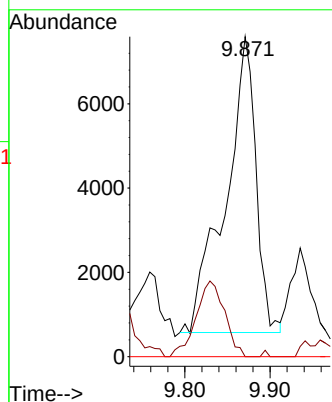
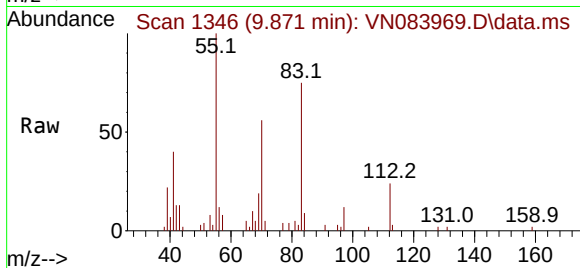
Tgt Ion: 83 Resp: 17450

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#

127 0.0 6.6 9.8#



#48

Methyl methacrylate

Concen: 27.259 ug/l

RT: 9.641 min Scan# 1307

Delta R.T. -0.035 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

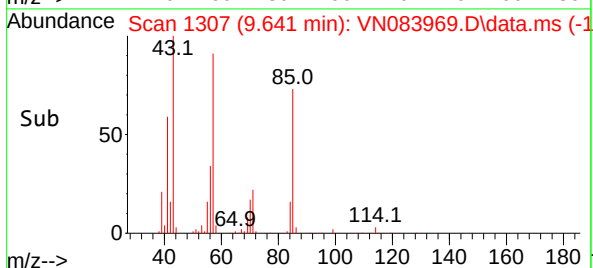
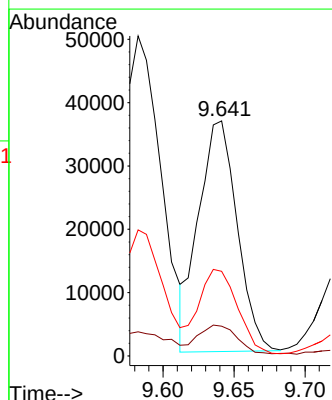
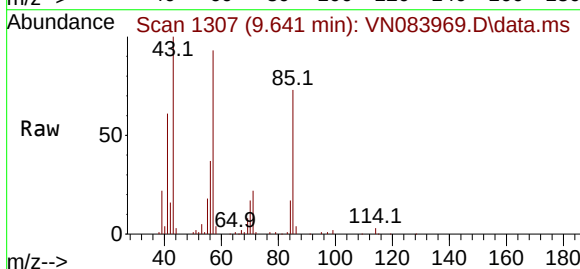
Tgt Ion: 41 Resp: 68863

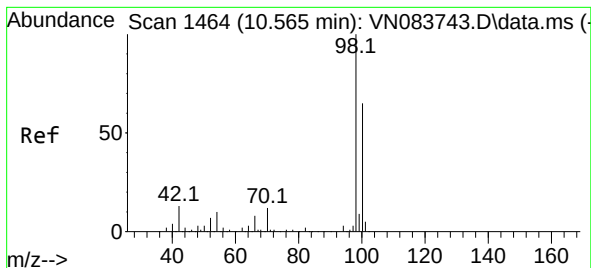
Ion Ratio Lower Upper

41 100

69 12.9 64.3 96.5#

39 37.1 48.9 73.3#





#50

Toluene-d8

Concen: 55.683 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

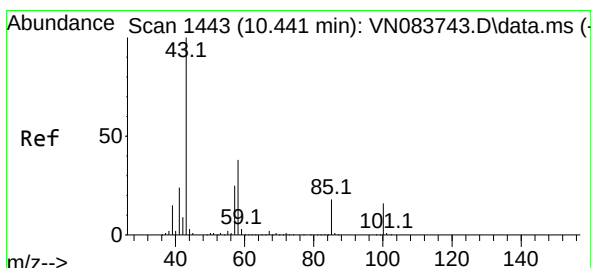
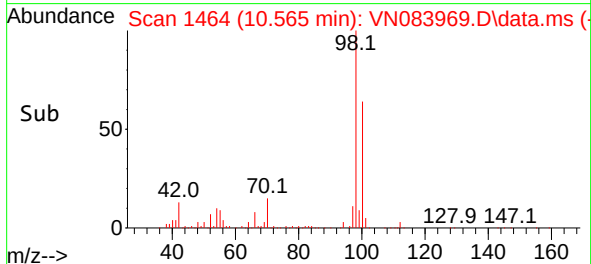
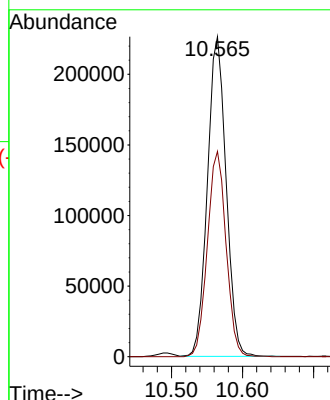
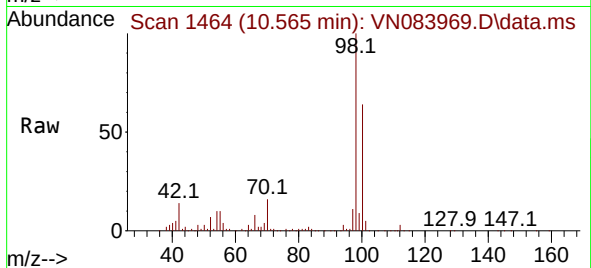
FDF-5

Tgt Ion: 98 Resp: 414012

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 75.772 ug/l

RT: 10.488 min Scan# 1451

Delta R.T. 0.047 min

Lab File: VN083969.D

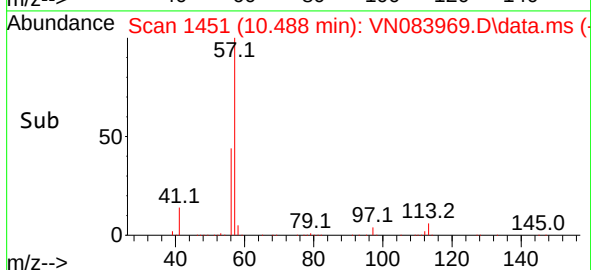
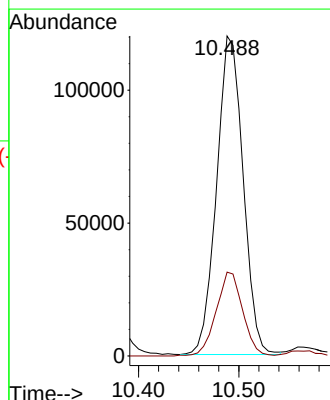
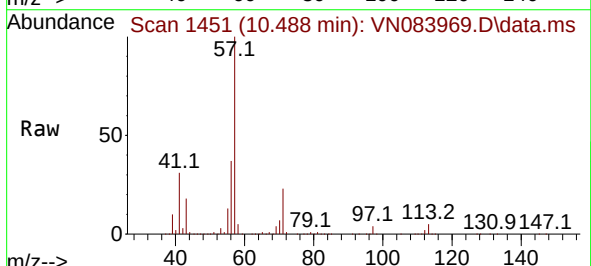
Acq: 18 Sep 2024 07:56

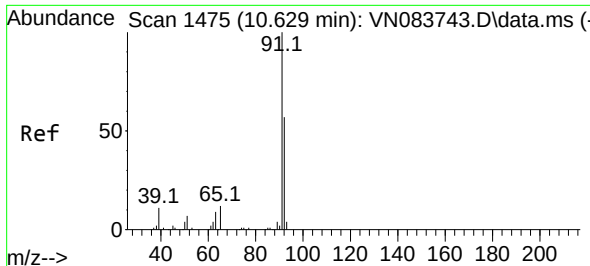
Tgt Ion: 43 Resp: 219627

Ion Ratio Lower Upper

43 100

58 26.3 31.6 47.4#

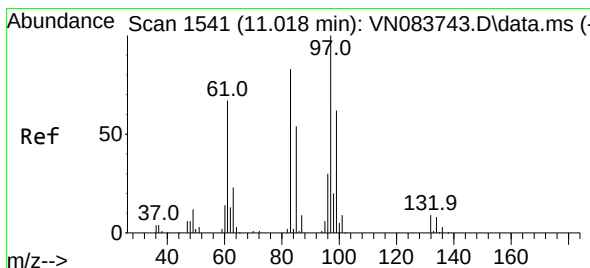
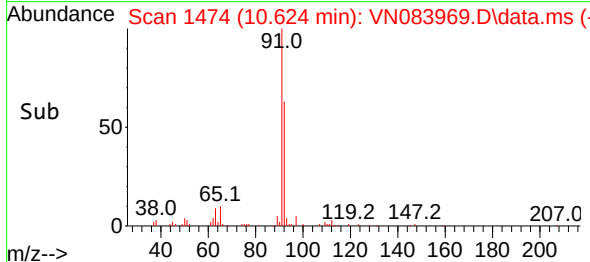
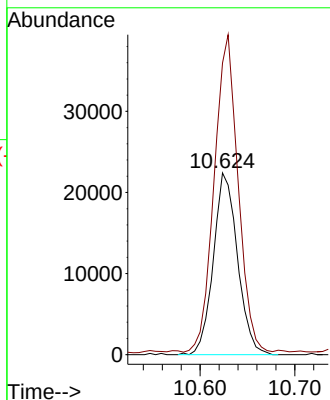
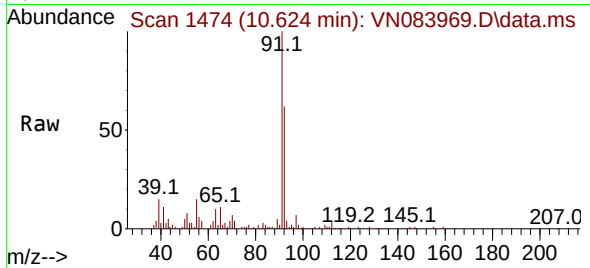




#52
Toluene
Concen: 6.656 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

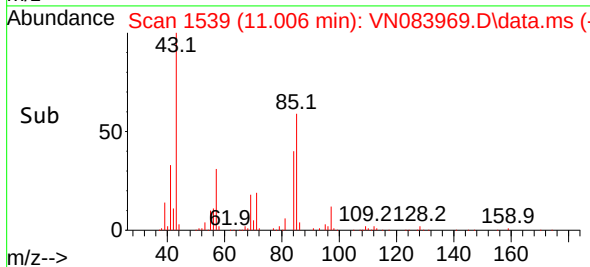
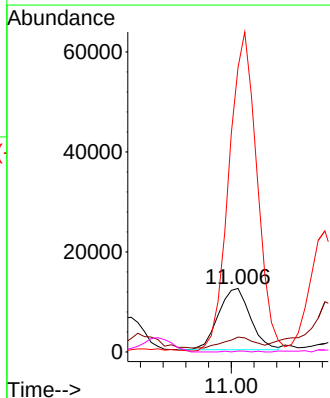
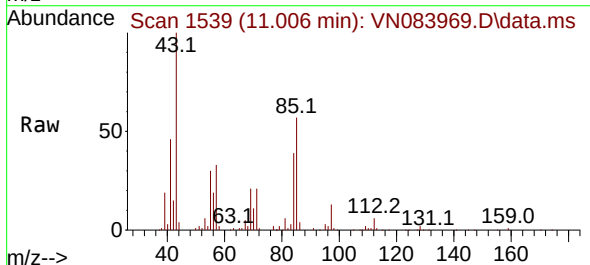
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

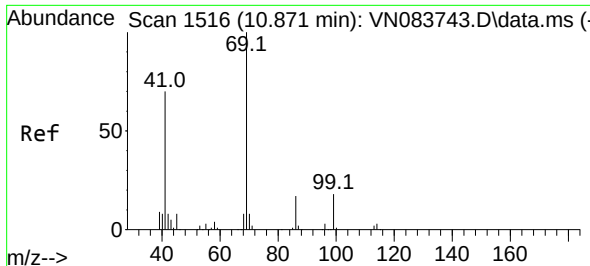
Tgt Ion: 92 Resp: 39666
Ion Ratio Lower Upper
92 100
91 172.3 134.7 202.1



#55
1,1,2-Trichloroethane
Concen: 10.723 ug/l
RT: 11.006 min Scan# 1539
Delta R.T. -0.012 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 97 Resp: 23858
Ion Ratio Lower Upper
97 100
83 16.7 67.5 101.3#
85 461.3 44.2 66.2#
99 0.1 50.1 75.1#

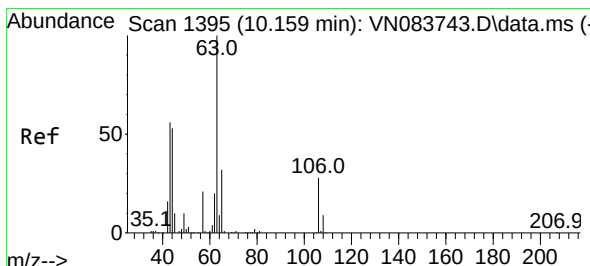
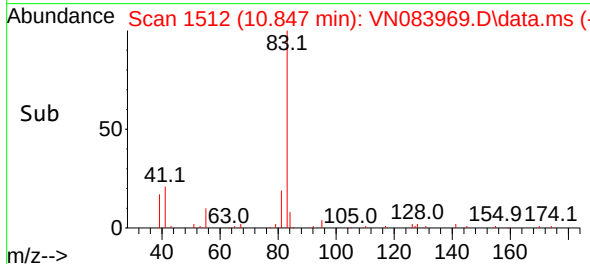
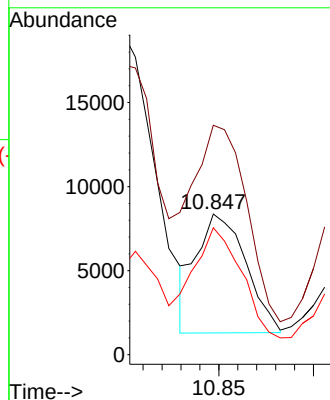
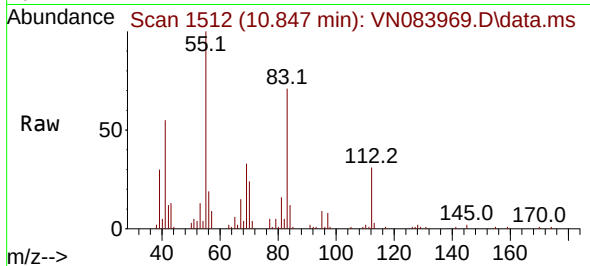




#56
Ethyl methacrylate
Concen: 3.745 ug/l
RT: 10.847 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

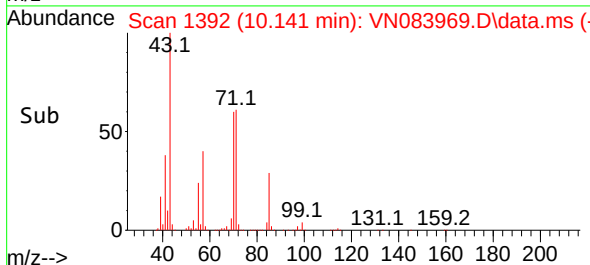
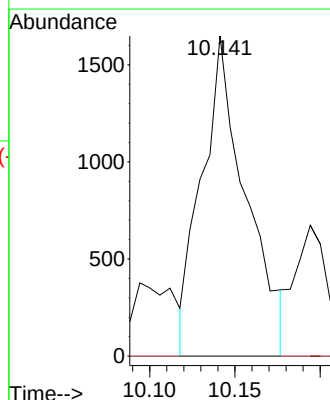
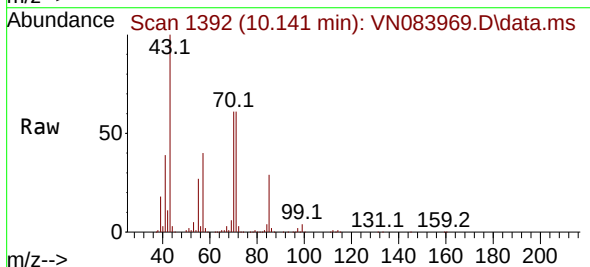
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

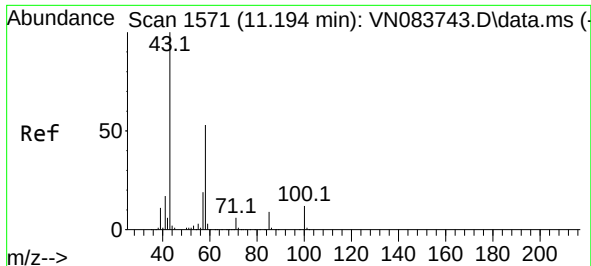
Tgt Ion: 69 Resp: 12820
Ion Ratio Lower Upper
69 100
41 171.9 53.9 80.9#
39 91.7 32.6 48.8#



#58
2-Chloroethyl Vinyl ether
Concen: 2.401 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.018 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 63 Resp: 2961
Ion Ratio Lower Upper
63 100
106 0.0 23.3 34.9#

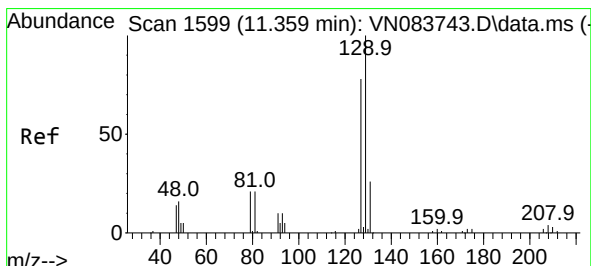
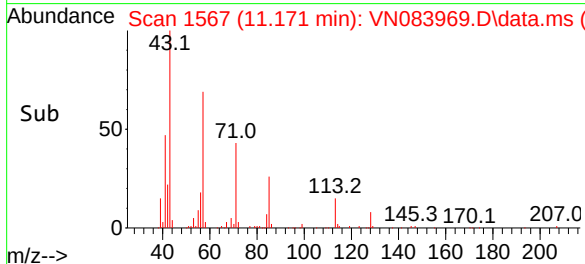
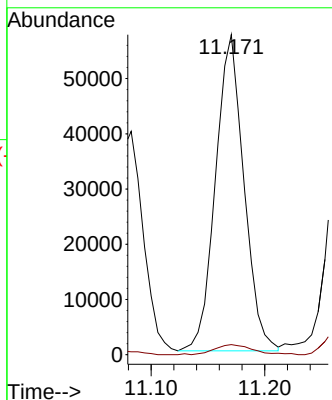
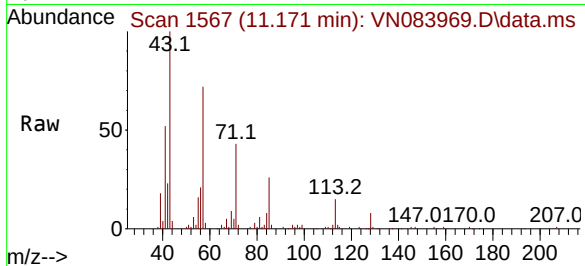




#59
2-Hexanone
Concen: 46.443 ug/l
RT: 11.171 min Scan# 11584
Delta R.T. -0.024 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

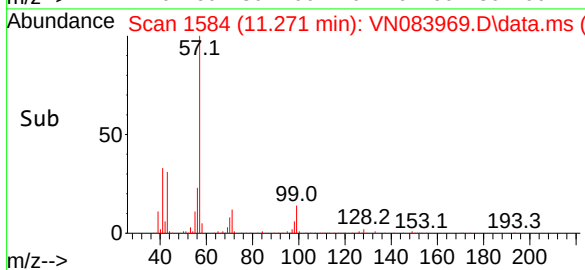
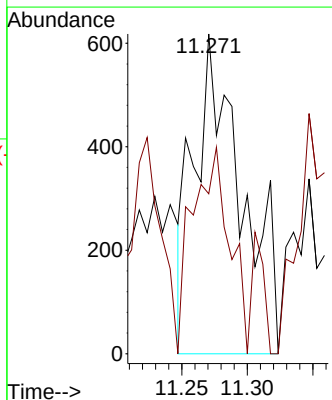
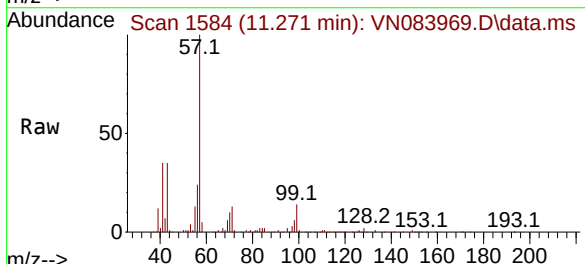
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

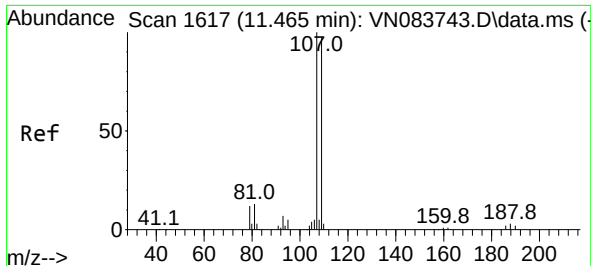
Tgt Ion: 43 Resp: 99579
Ion Ratio Lower Upper
43 100
58 4.3 27.2 81.5#



#60
Dibromochloromethane
Concen: 0.622 ug/l
RT: 11.271 min Scan# 1584
Delta R.T. -0.088 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion:129 Resp: 1550
Ion Ratio Lower Upper
129 100
127 50.7 39.0 116.9

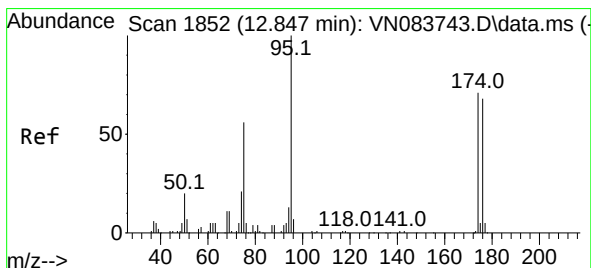
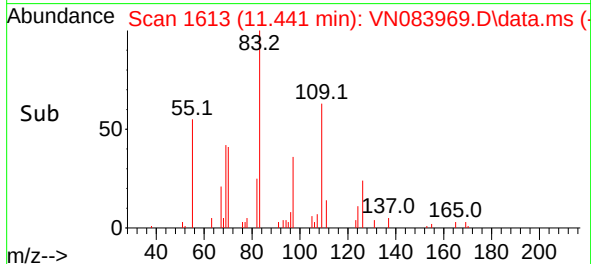
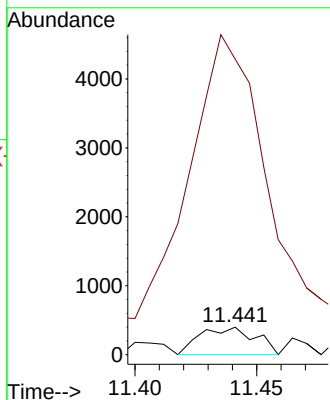
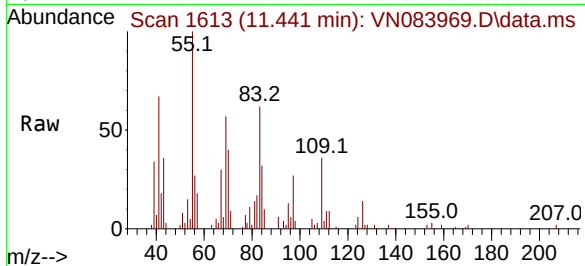




#61
1,2-Dibromoethane
Concen: 0.286 ug/l
RT: 11.441 min Scan# 11
Delta R.T. -0.024 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

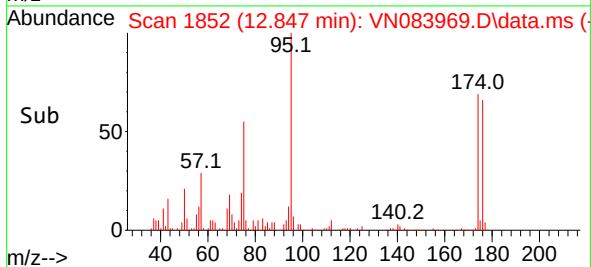
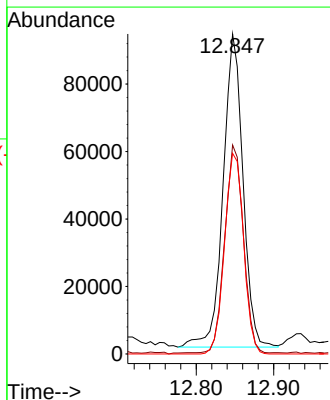
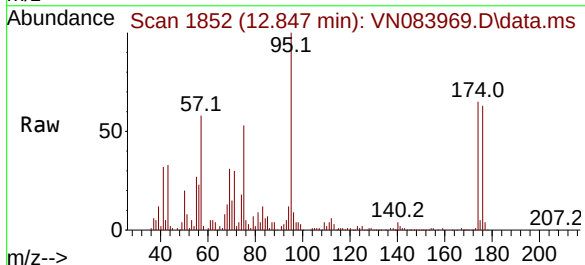
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

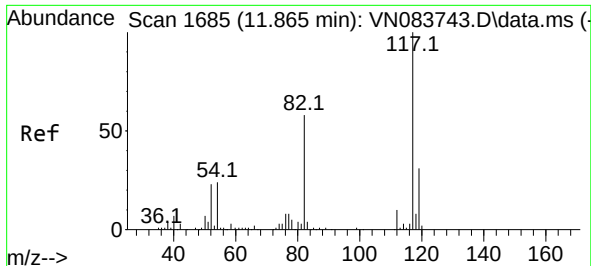
Tgt Ion:107 Resp: 634
Ion Ratio Lower Upper
107 100
109 1379.8 75.6 113.4#



#62
4-Bromofluorobenzene
Concen: 53.921 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 95 Resp: 165407
Ion Ratio Lower Upper
95 100
174 63.9 0.0 139.8
176 61.5 0.0 131.4

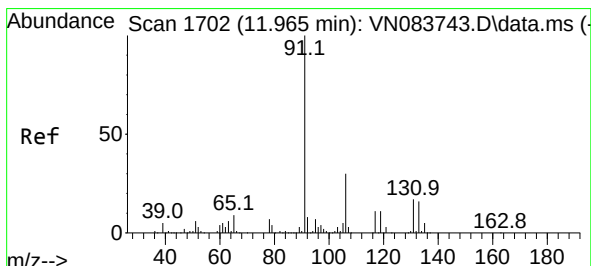
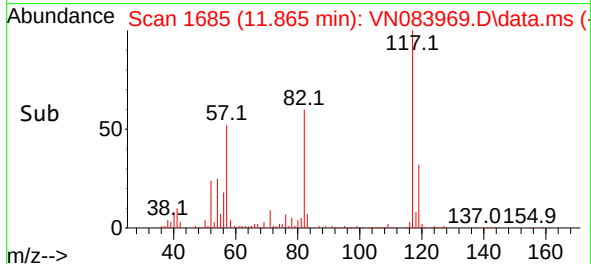
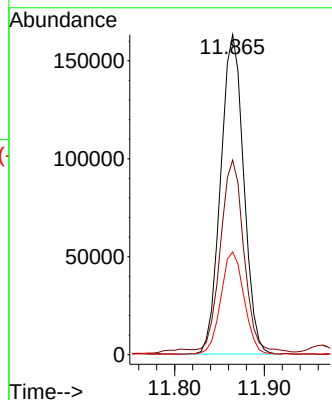
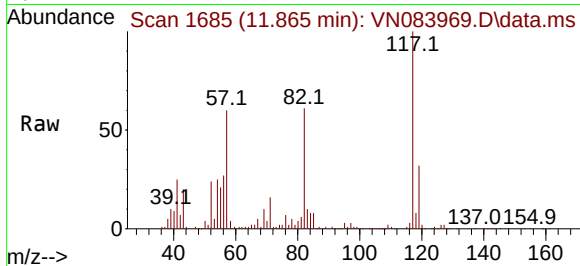




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

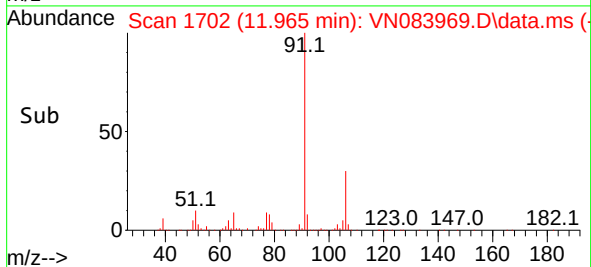
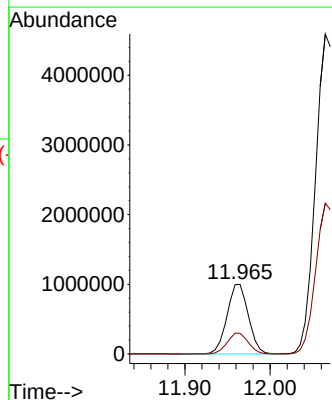
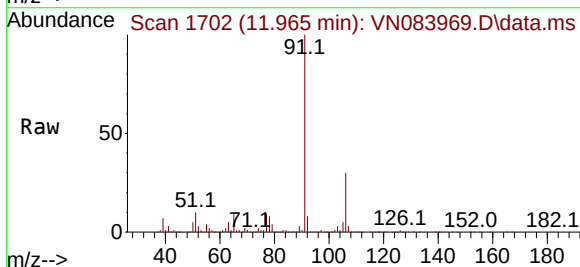
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

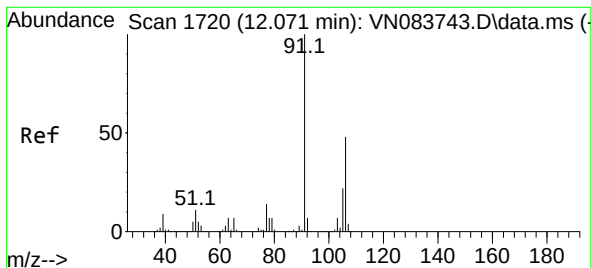
Tgt Ion:117 Resp: 290647
Ion Ratio Lower Upper
117 100
82 59.4 47.4 71.0
119 32.0 26.3 39.5



#67
Ethyl Benzene
Concen: 151.276 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 91 Resp: 1735948
Ion Ratio Lower Upper
91 100
106 29.6 24.3 36.5





#68

m/p-Xylenes

Concen: 963.864 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

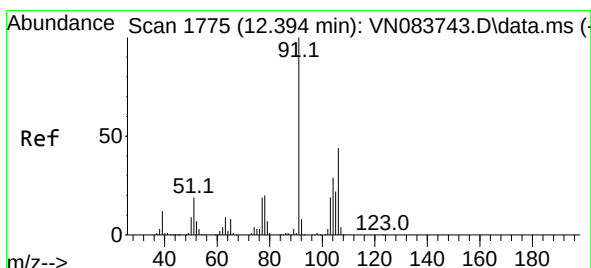
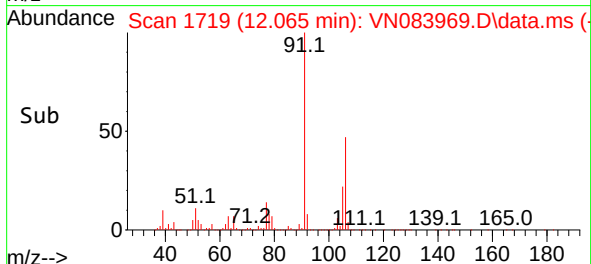
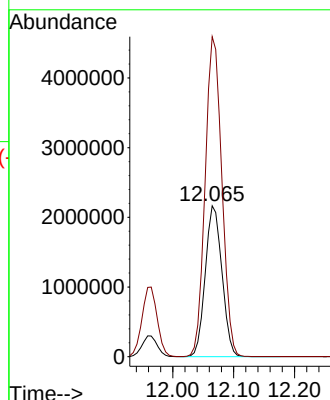
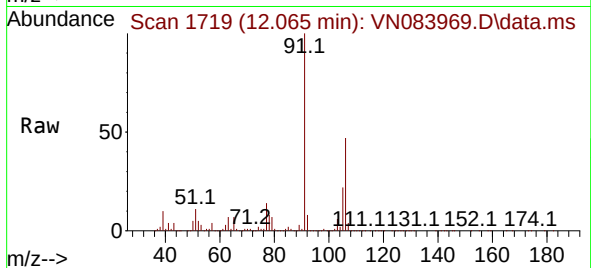
FDF-5

Tgt Ion:106 Resp: 4106418

Ion Ratio Lower Upper

106 100

91 212.5 169.2 253.8



#69

o-Xylene

Concen: 456.558 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN083969.D

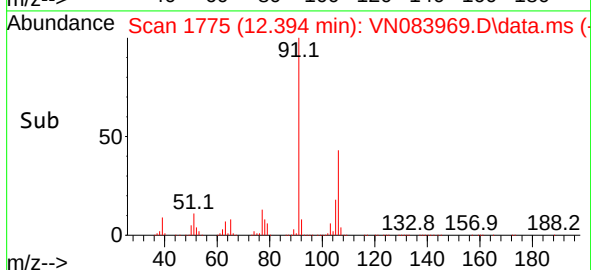
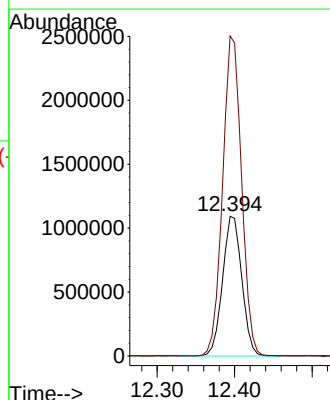
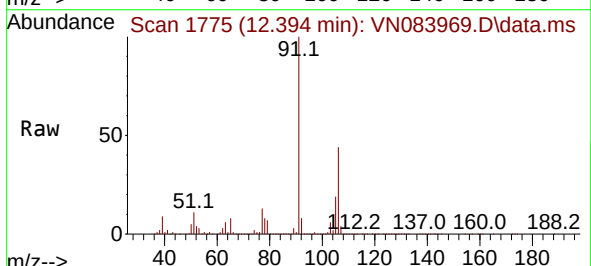
Acq: 18 Sep 2024 07:56

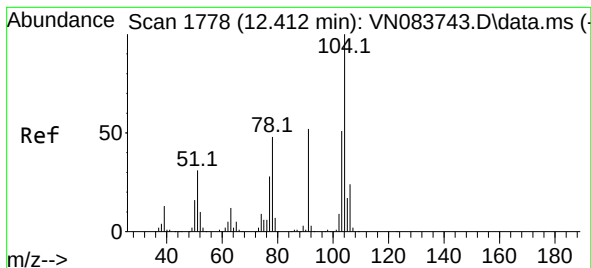
Tgt Ion:106 Resp: 1883004

Ion Ratio Lower Upper

106 100

91 225.9 112.9 338.6





#70

Styrene

Concen: 13.956 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

FDF-5

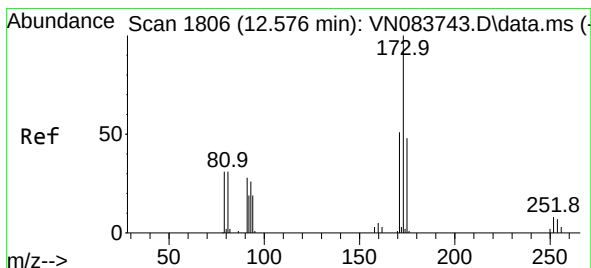
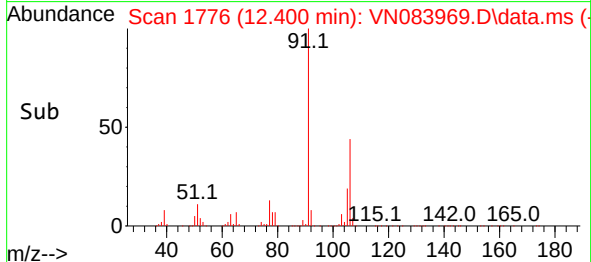
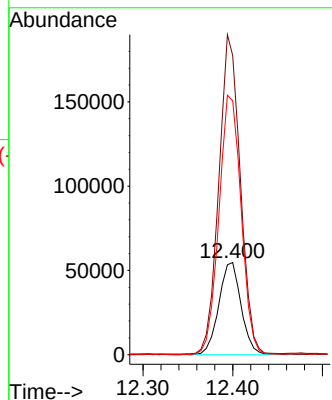
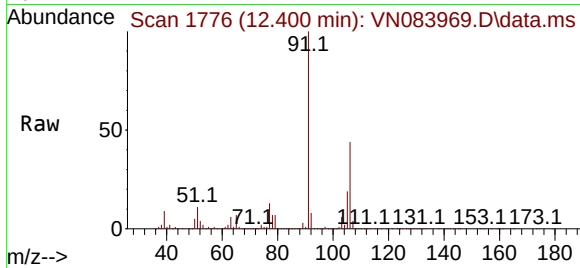
Tgt Ion:104 Resp: 94464

Ion Ratio Lower Upper

104 100

78 332.3 43.3 64.9#

103 280.6 43.4 65.2#



#71

Bromoform

Concen: 0.448 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

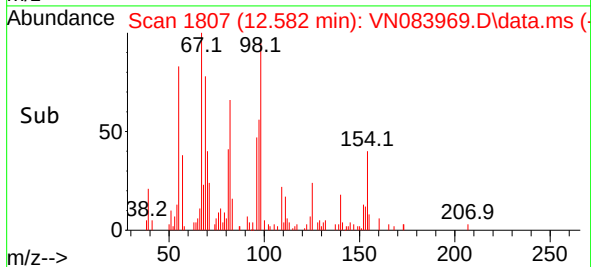
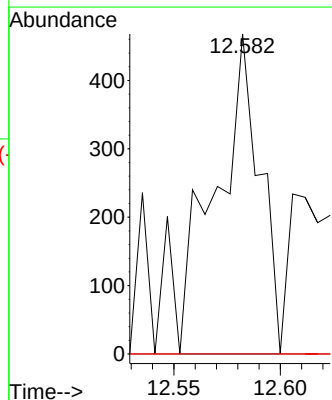
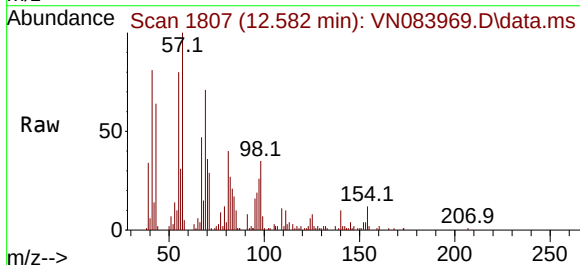
Tgt Ion:173 Resp: 676

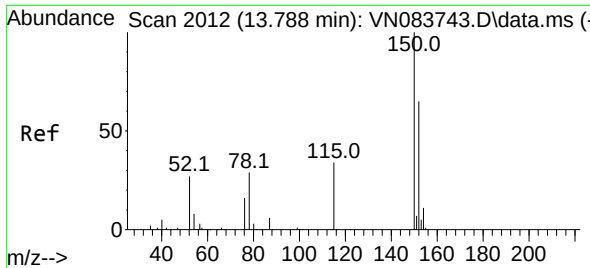
Ion Ratio Lower Upper

173 100

175 0.0 24.1 72.2#

254 0.0 0.0 0.0

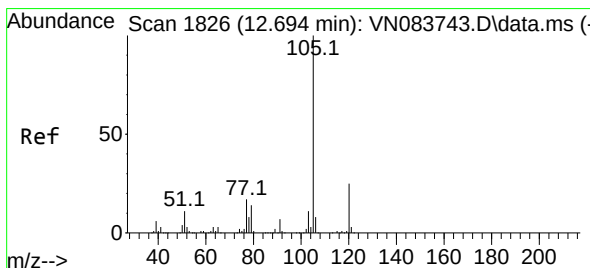
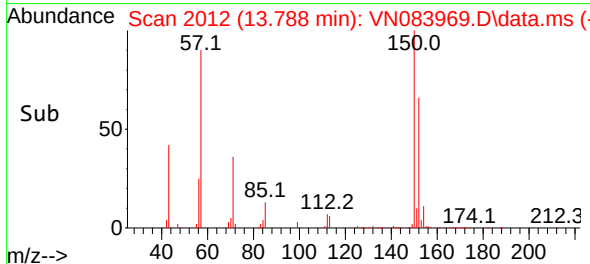
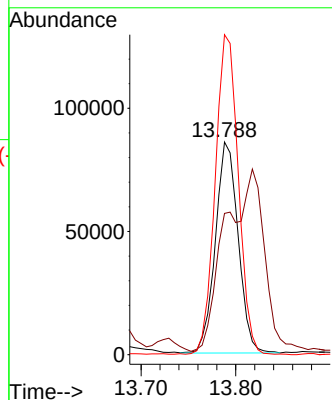
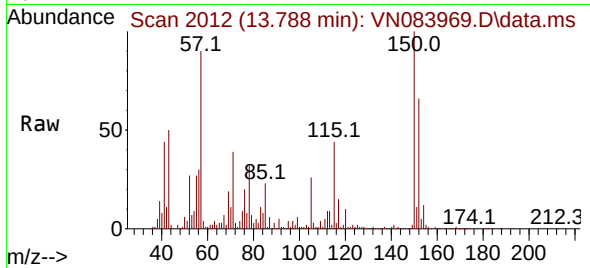




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

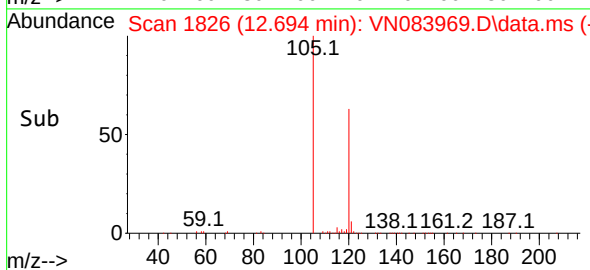
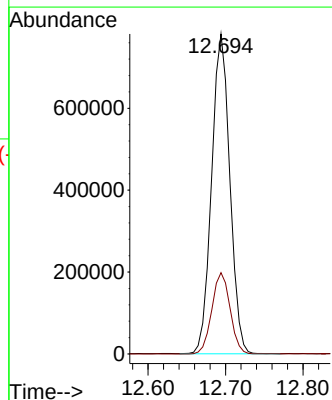
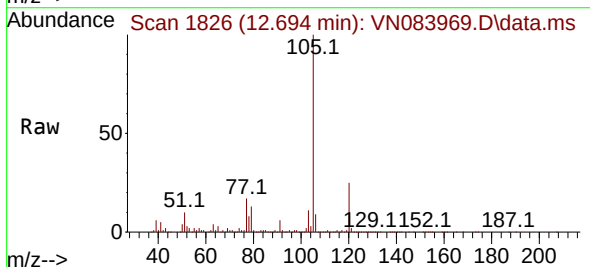
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

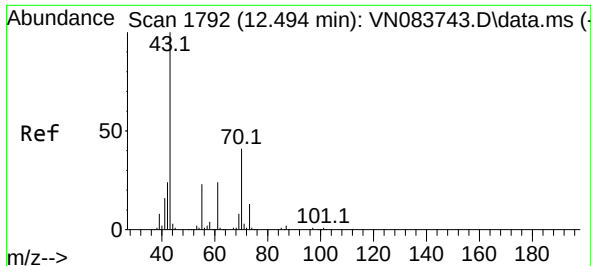
Tgt Ion:152 Resp: 143160
Ion Ratio Lower Upper
152 100
115 60.6 32.2 96.6
150 154.2 0.0 348.6



#73
Isopropylbenzene
Concen: 115.217 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion:105 Resp: 1276112
Ion Ratio Lower Upper
105 100
120 25.4 12.6 37.8

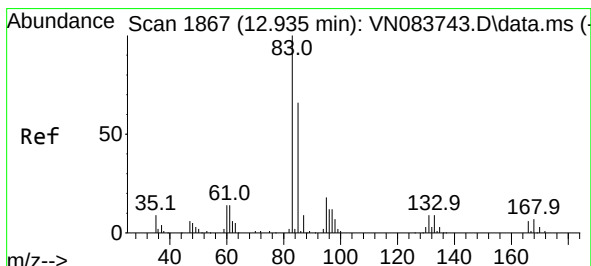
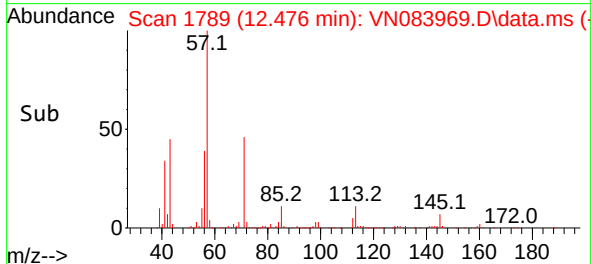
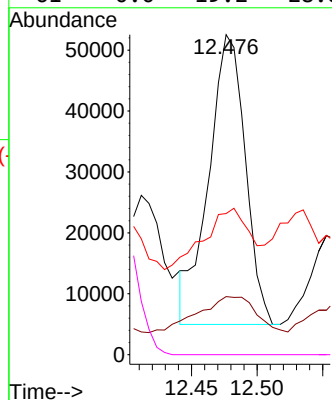
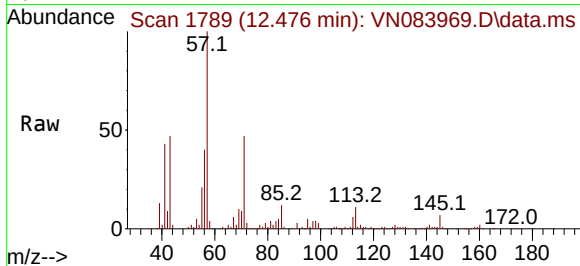




#74
N-amy1 acetate
Concen: 19.482 ug/l
RT: 12.476 min Scan# 1789
Delta R.T. -0.018 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

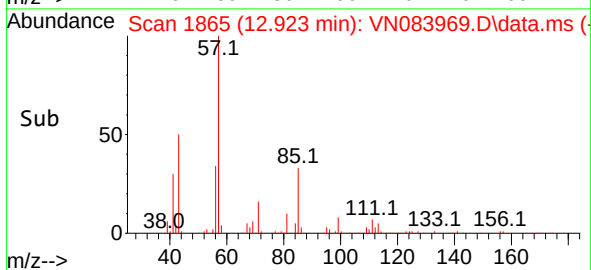
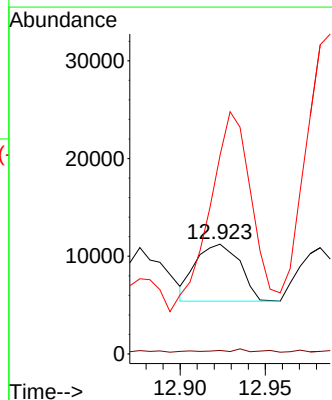
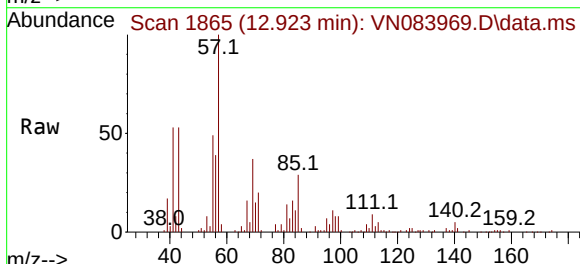
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

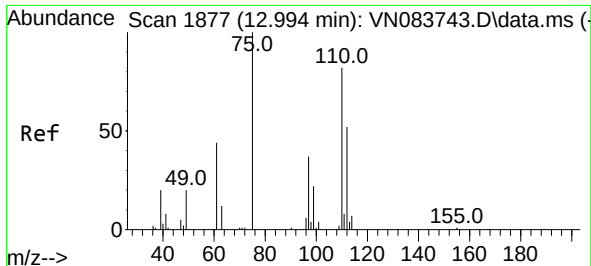
Tgt Ion: 43	Resp: 92062
Ion Ratio	Lower Upper
43 100	
70 19.6	34.5 51.7#
55 25.5	18.6 28.0
61 0.0	19.2 28.8#



#75
1,1,2,2-Tetrachloroethane
Concen: 3.249 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. -0.012 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 83	Resp: 10572
Ion Ratio	Lower Upper
83 100	
131 4.5	5.2 15.6#
85 333.8	31.9 95.9#

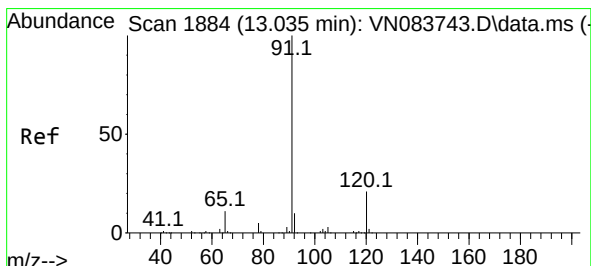
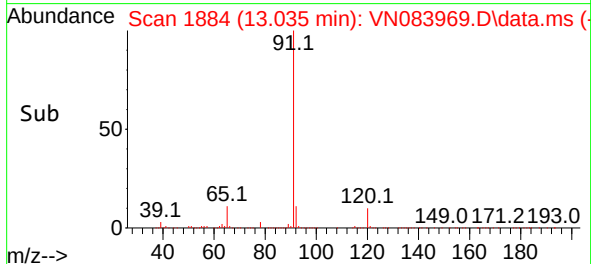
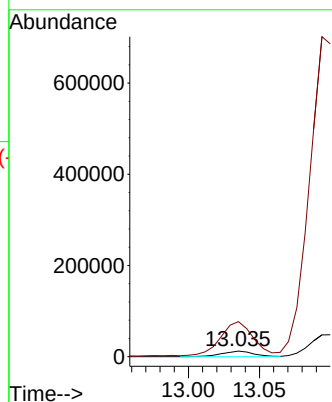
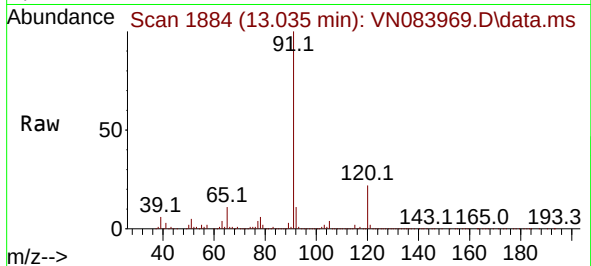




#76
1,2,3-Trichloropropane
Concen: 6.617 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.041 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

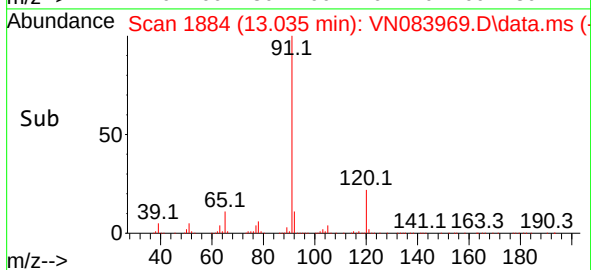
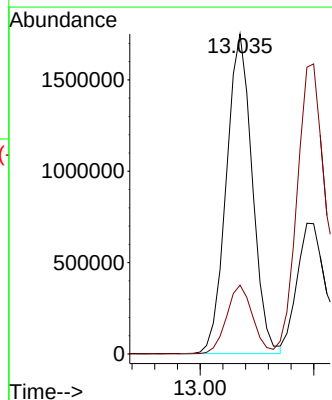
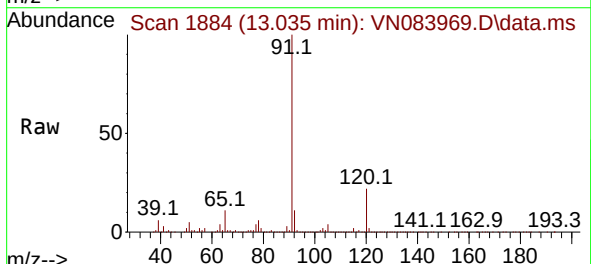
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

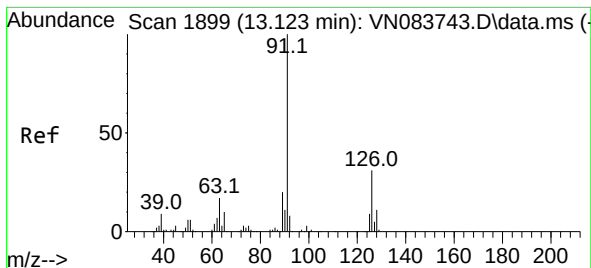
Tgt Ion: 75 Resp: 19113
Ion Ratio Lower Upper
75 100
77 630.0 95.2 285.6#



#78
n-propylbenzene
Concen: 215.250 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 91 Resp: 2773884
Ion Ratio Lower Upper
91 100
120 21.7 11.0 33.0





#79

2-Chlorotoluene

Concen: 196.310 ug/l

RT: 13.094 min Scan# 1899

Delta R.T. -0.029 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

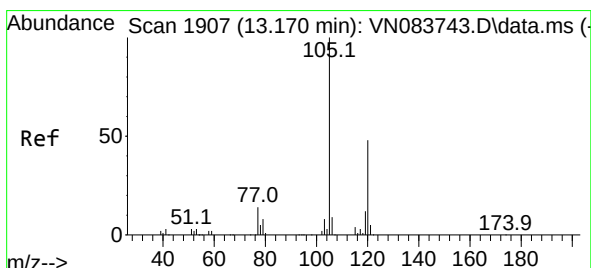
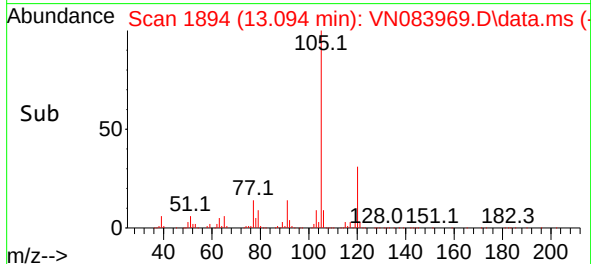
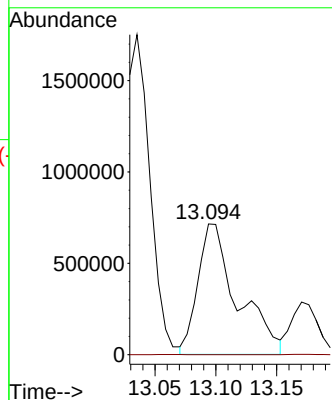
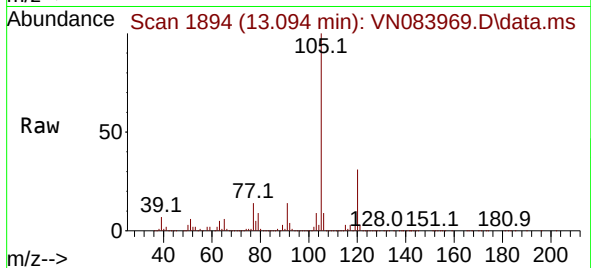
FDF-5

Tgt Ion: 91 Resp: 1613376

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#



#80

1,3,5-Trimethylbenzene

Concen: 408.430 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN083969.D

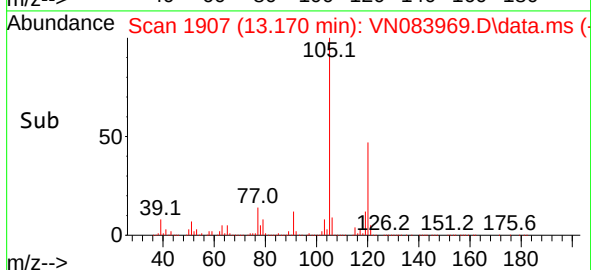
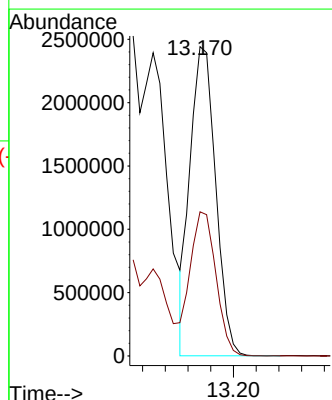
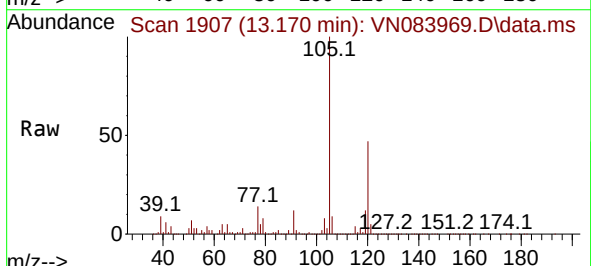
Acq: 18 Sep 2024 07:56

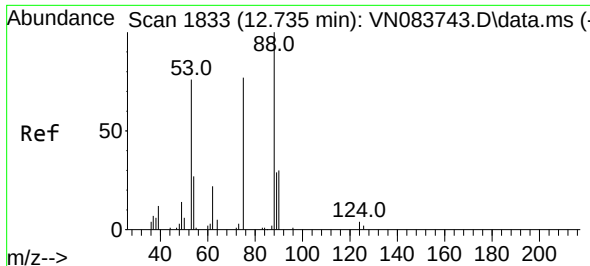
Tgt Ion:105 Resp: 3813893

Ion Ratio Lower Upper

105 100

120 49.0 23.4 70.3

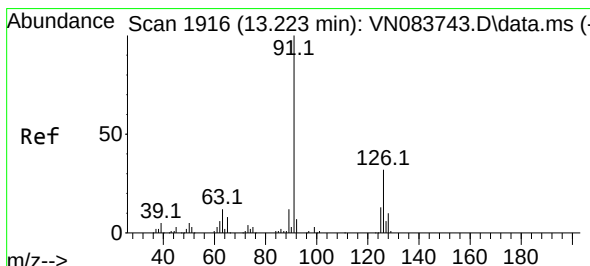
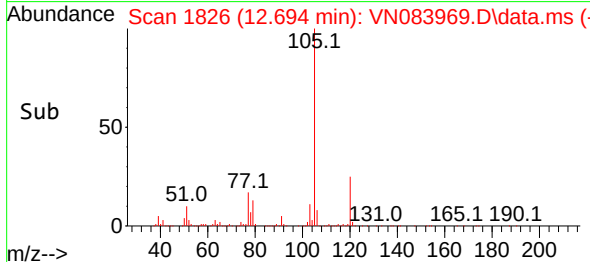
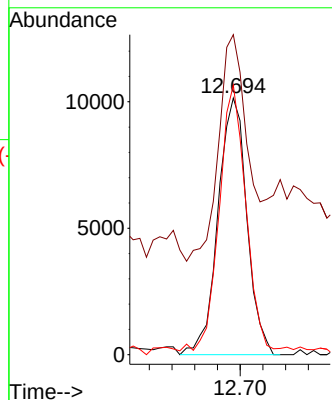
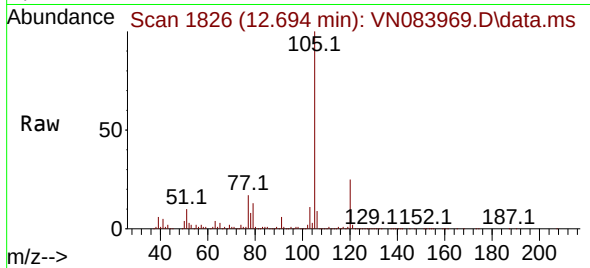




#81
trans-1,4-Dichloro-2-butene
Concen: 16.224 ug/l
RT: 12.694 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

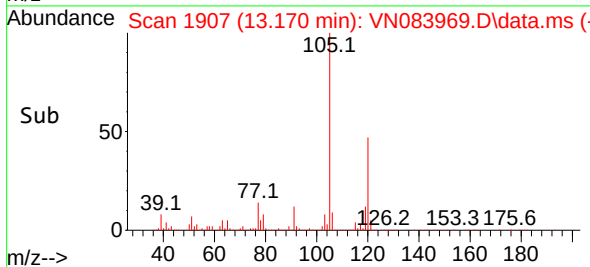
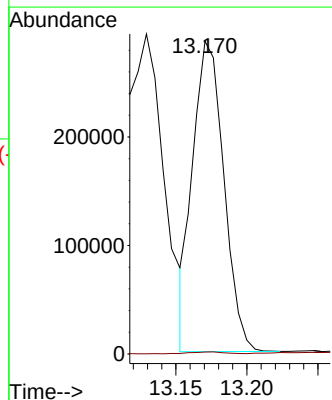
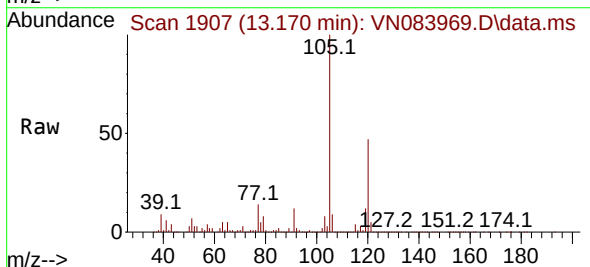
Instrument :
MSVOA_N
ClientSampleId :
FDF-5

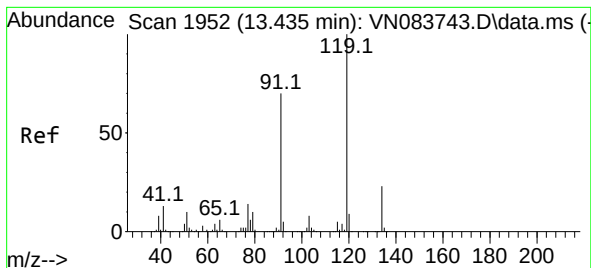
Tgt Ion: 75 Resp: 17894
Ion Ratio Lower Upper
75 100
53 87.4 81.2 121.8
89 95.2 35.7 53.5#



#82
4-Chlorotoluene
Concen: 52.761 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN083969.D
Acq: 18 Sep 2024 07:56

Tgt Ion: 91 Resp: 435145
Ion Ratio Lower Upper
91 100
126 0.6 15.4 46.2#





#83

tert-Butylbenzene

Concen: 189.741 ug/l

RT: 13.482 min Scan# 1952

Delta R.T. 0.047 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

FDF-5

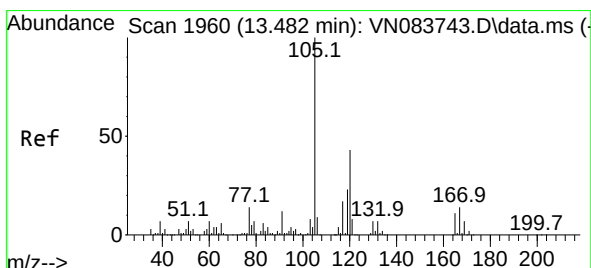
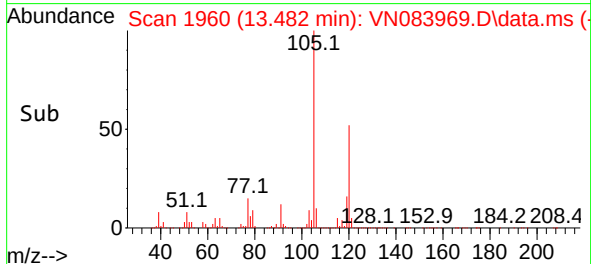
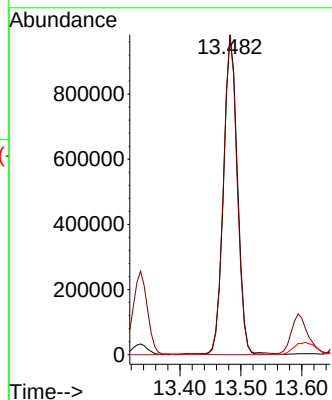
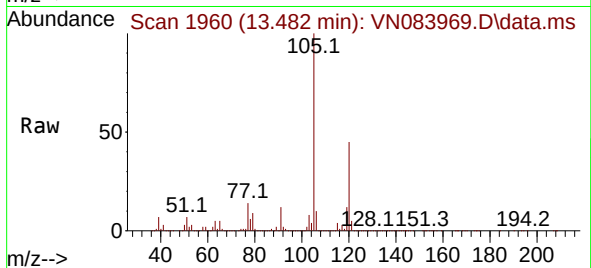
Tgt Ion:119 Resp: 1550122

Ion Ratio Lower Upper

119 100

91 98.6 34.5 103.6

134 0.0 12.8 38.4#



#84

1,2,4-Trimethylbenzene

Concen: 1374.316 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN083969.D

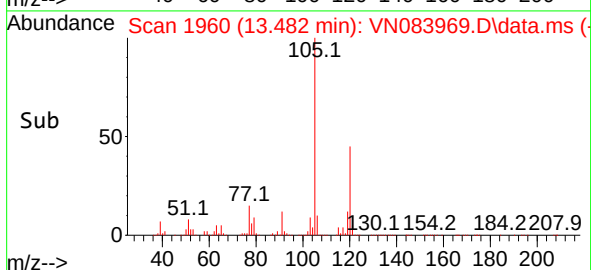
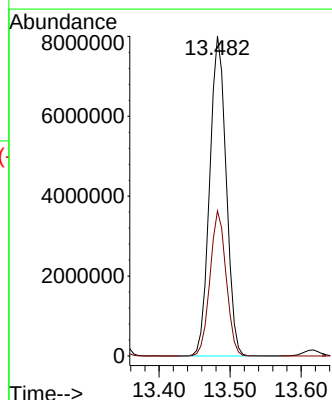
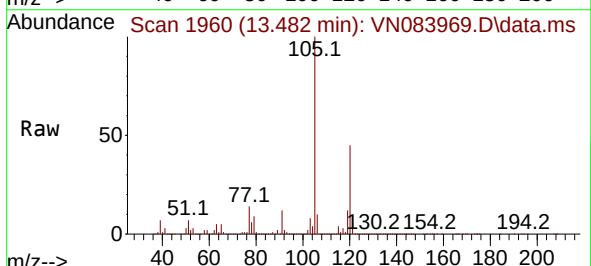
Acq: 18 Sep 2024 07:56

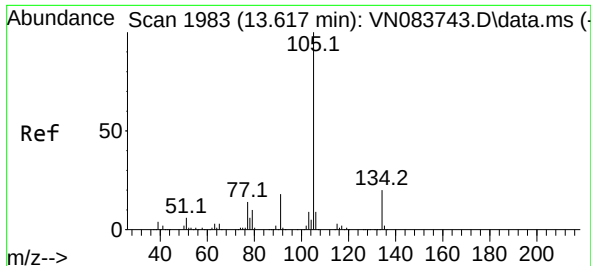
Tgt Ion:105 Resp:12891140

Ion Ratio Lower Upper

105 100

120 44.3 21.8 65.4

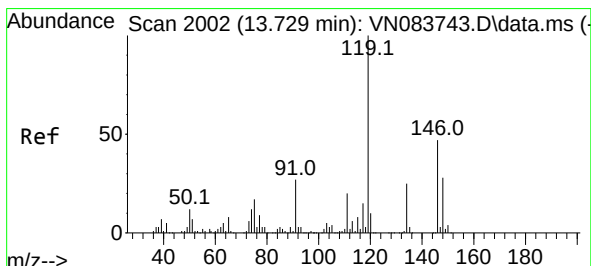
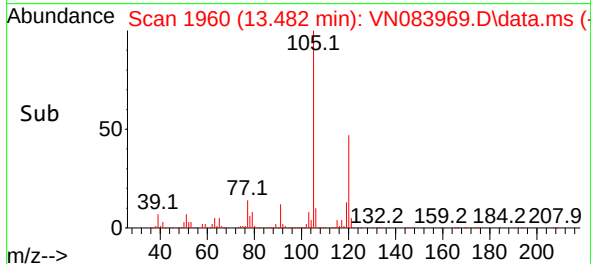
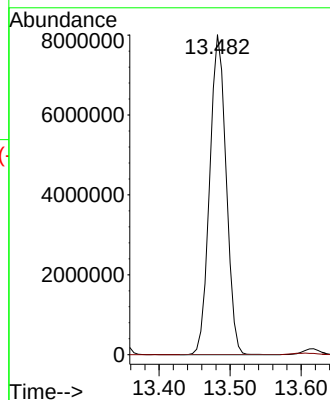
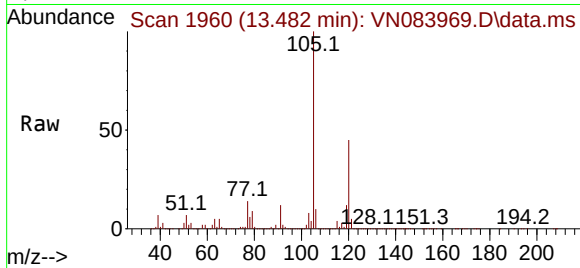




#85
 sec-Butylbenzene
 Concen: 1189.792 ug/l
 RT: 13.482 min Scan# 1983
 Delta R.T. -0.135 min
 Lab File: VN083969.D
 Acq: 18 Sep 2024 07:56

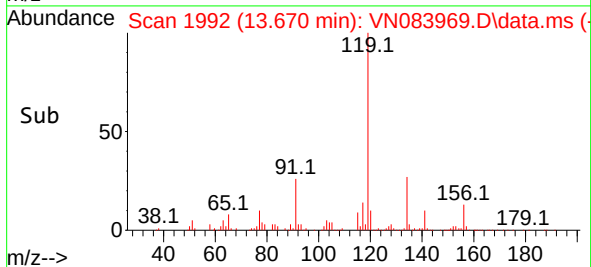
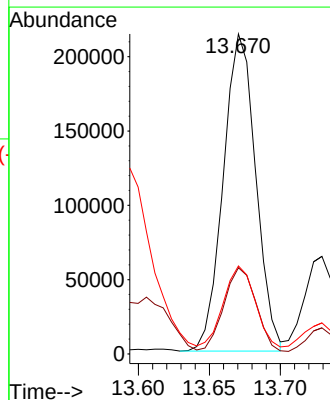
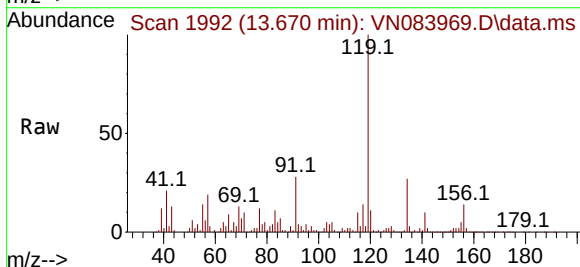
Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-5

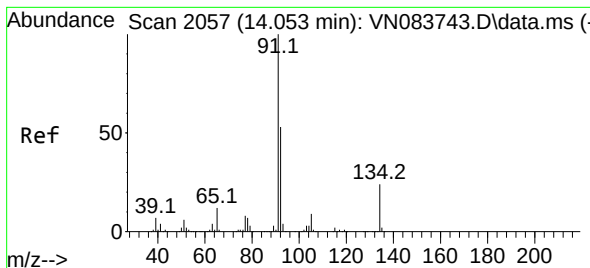
Tgt Ion:105 Resp:12891140
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.7 29.1#



#86
 p-Isopropyltoluene
 Concen: 37.373 ug/l
 RT: 13.670 min Scan# 1992
 Delta R.T. -0.059 min
 Lab File: VN083969.D
 Acq: 18 Sep 2024 07:56

Tgt Ion:119 Resp: 339440
 Ion Ratio Lower Upper
 119 100
 134 27.8 12.8 38.3
 91 25.3 12.9 38.7





#89

n-Butylbenzene

Concen: 50.700 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

FDF-5

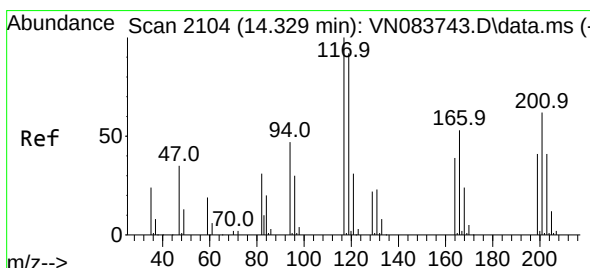
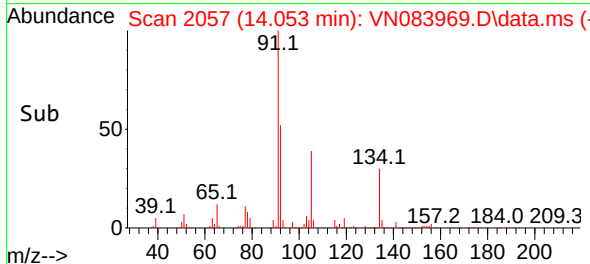
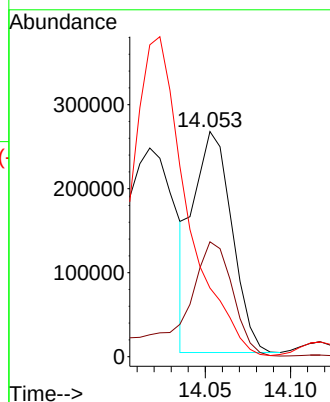
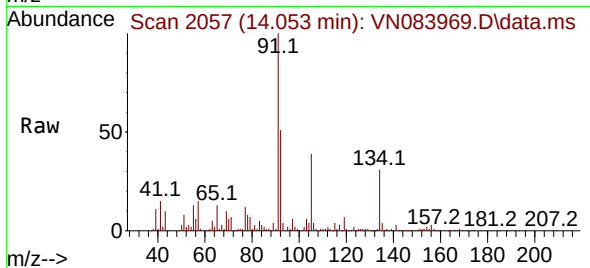
Tgt Ion: 91 Resp: 413440

Ion Ratio Lower Upper

91 100

92 60.4 26.7 80.1

134 0.0 12.2 36.4#



#90

Hexachloroethane

Concen: 91.024 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN083969.D

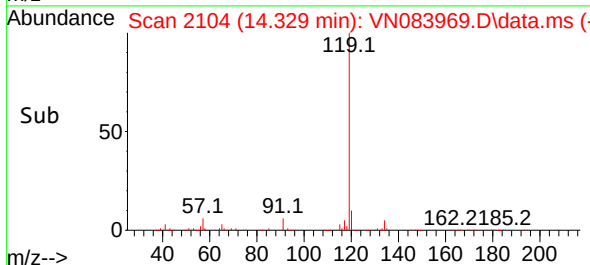
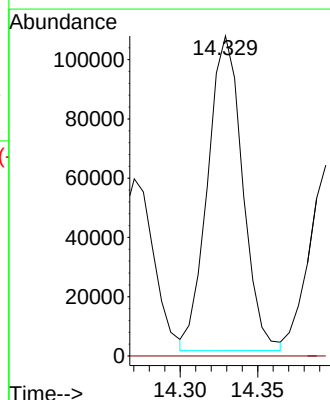
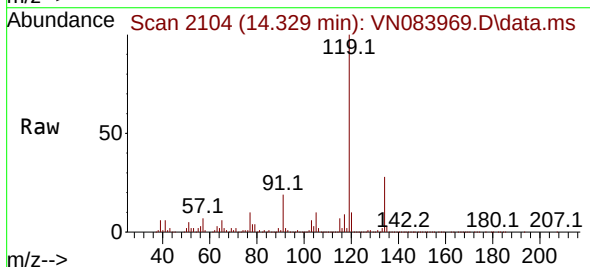
Acq: 18 Sep 2024 07:56

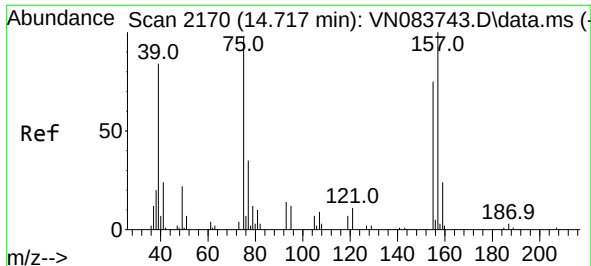
Tgt Ion: 117 Resp: 166187

Ion Ratio Lower Upper

117 100

201 0.0 32.8 98.3#





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.217 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.012 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

Instrument :

MSVOA_N

ClientSampleId :

FDF-5

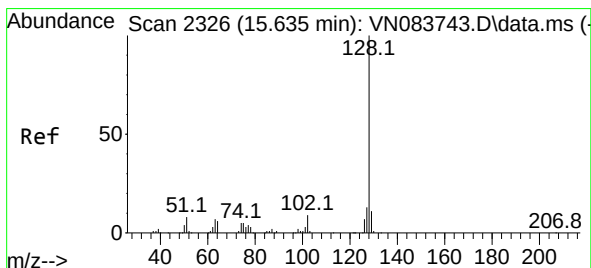
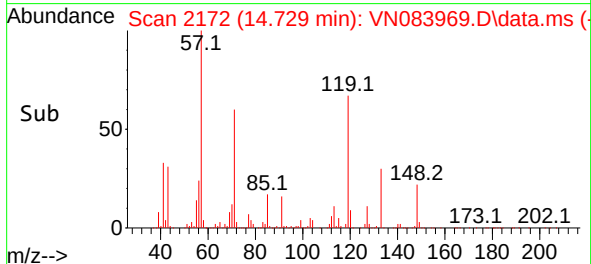
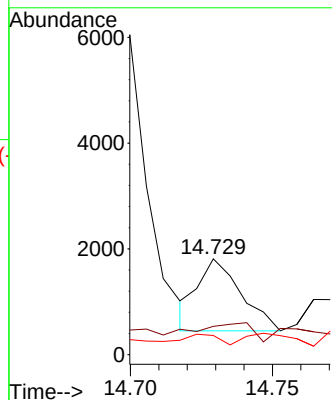
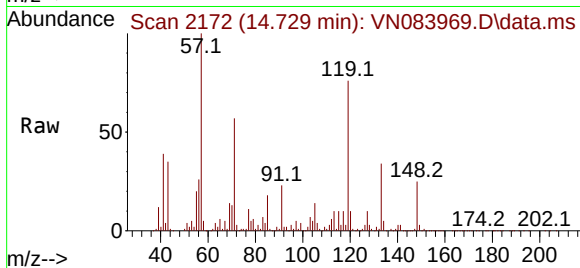
Tgt Ion: 75 Resp: 1438

Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.7#

157 19.0 47.5 142.5#



#95

Naphthalene

Concen: 202.471 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.000 min

Lab File: VN083969.D

Acq: 18 Sep 2024 07:56

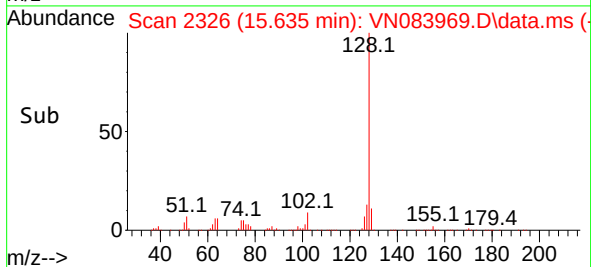
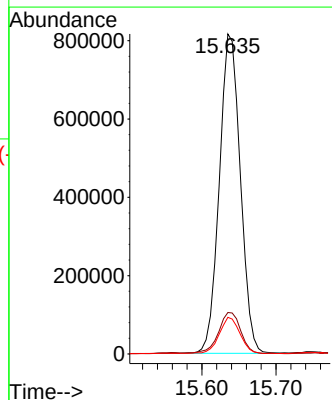
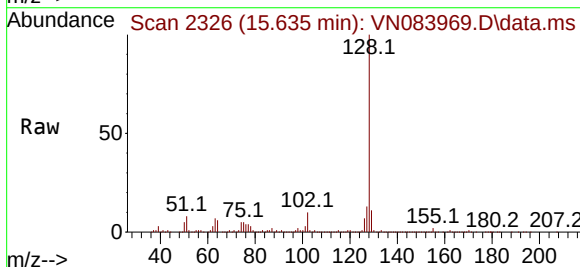
Tgt Ion:128 Resp: 1605128

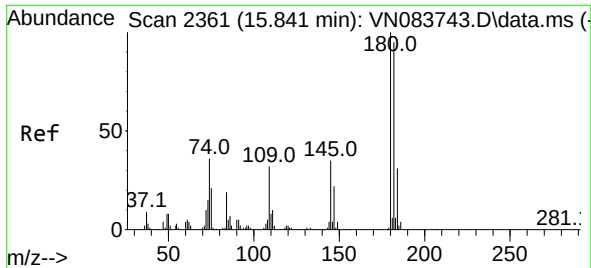
Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 11.1 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.292 ug/l
 RT: 15.864 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VN083969.D
 Acq: 18 Sep 2024 07:56

Instrument :
 MSVOA_N
 ClientSampleId :
 FDF-5

Tgt Ion	Ratio	Lower	Upper
180	100		
182	32.0	47.1	141.4#
145	0.0	17.8	53.5#

