

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084900.D
 Acq On : 17 Nov 2024 17:12
 Operator : JC\MD
 Sample : P4845-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-12R-20241111

Quant Time: Nov 18 00:23:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

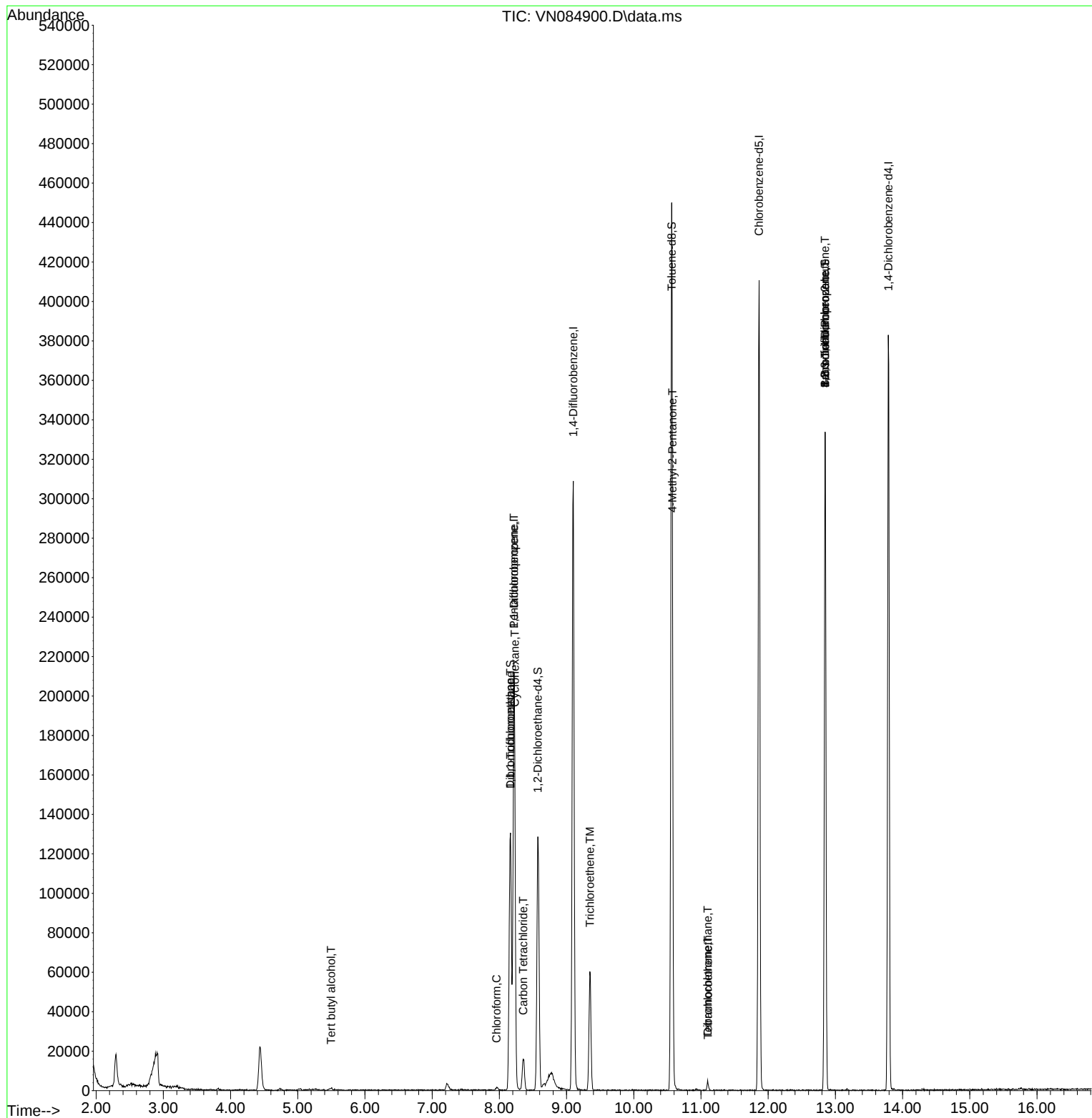
Internal Standards						
1) Pentafluorobenzene	8.218	168	150559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	265944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	111794	51.409	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.820%			
35) Dibromofluoromethane	8.165	113	92578	51.429	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.860%			
50) Toluene-d8	10.565	98	309304	46.645	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.280%			
62) 4-Bromofluorobenzene	12.847	95	117654	47.475	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.940%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	755	Below Cal	#	41
6) Chloroethane	3.165	64	560	Below Cal	#	45
11) Tert butyl alcohol	5.495	59	566	1.972	ug/l #	73
16) Acetone	4.448	43	1549	Below Cal		90
18) Methyl Acetate	5.024	43	837	Below Cal	#	81
30) Chloroform	7.959	83	1795	0.532	ug/l #	72
31) Cyclohexane	8.230	56	3142	1.047	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	5914	1.925	ug/l #	50
36) 1,1-Dichloropropene	8.218	75	12932	5.180	ug/l #	50
38) Carbon Tetrachloride	8.353	117	12556	4.500	ug/l	89
43) Isopropyl Acetate	8.677	43	2481	Below Cal	#	56
44) Trichloroethene	9.347	130	22670	12.260	ug/l	97
51) 4-Methyl-2-Pentanone	10.577	43	1248	0.578	ug/l #	1
60) Dibromochloromethane	11.100	129	1151	0.572	ug/l #	11
64) Tetrachloroethene	11.106	164	966	0.612	ug/l #	89
71) Bromoform	12.847	173	807	0.581	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61217	29.000	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61217	68.799	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	127	Below Cal	#	24

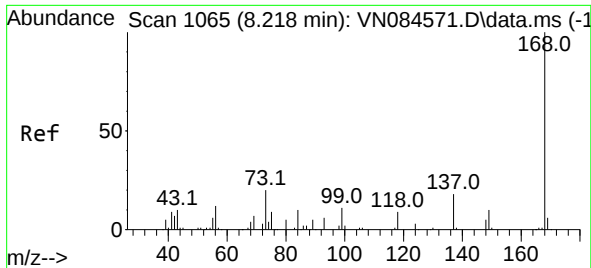
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 31 18:45:38 2024
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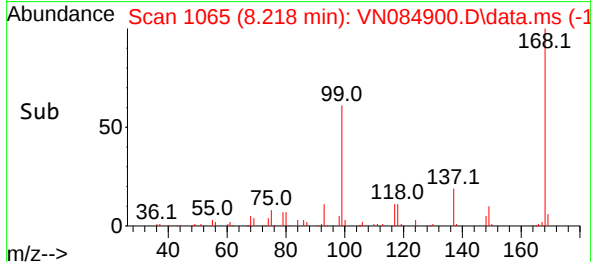
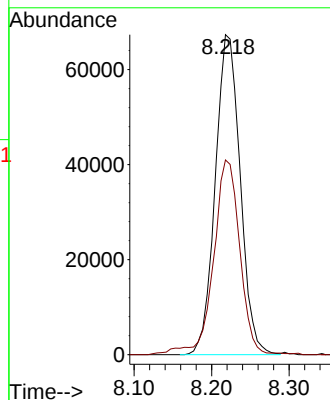
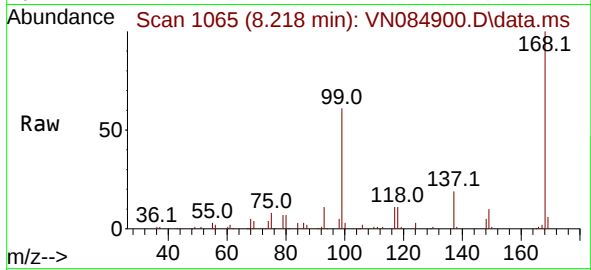




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

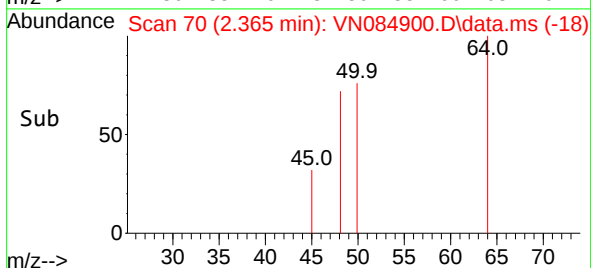
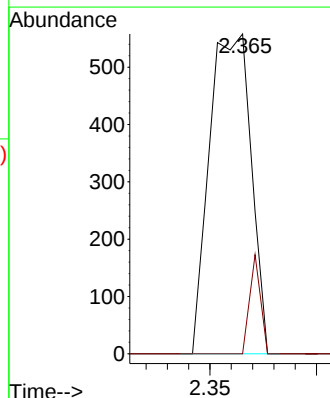
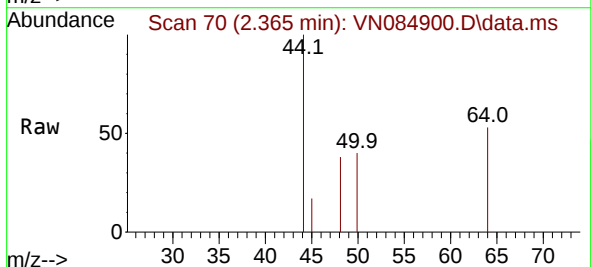
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-12R-20241111

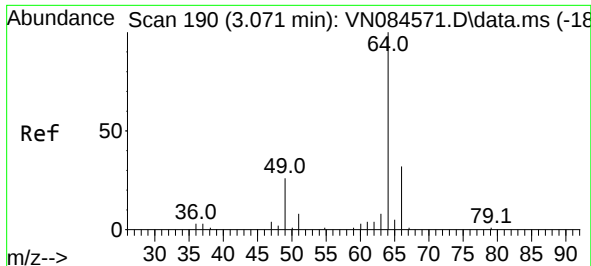
Tgt Ion:168 Resp: 150559
Ion Ratio Lower Upper
168 100
99 60.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion: 50 Resp: 755
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

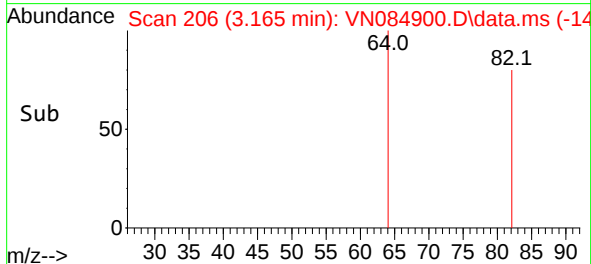
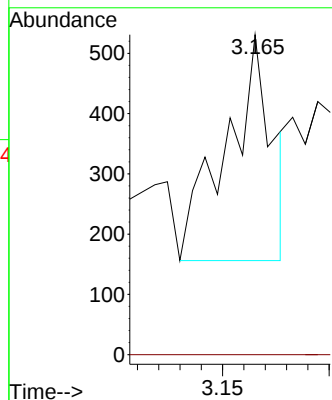
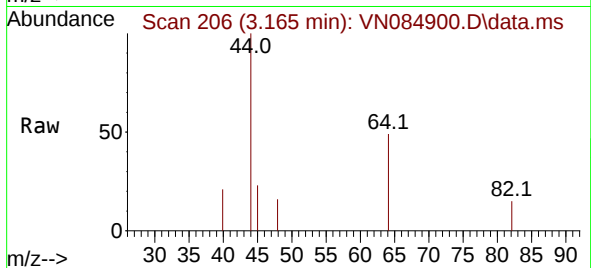




#6
Chloroethane
Concen: Below Cal
RT: 3.165 min Scan# 206
Delta R.T. 0.047 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

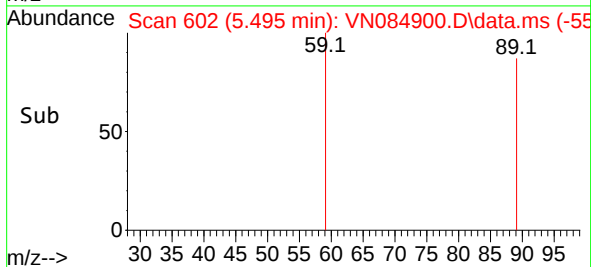
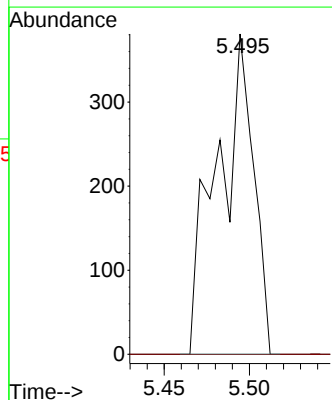
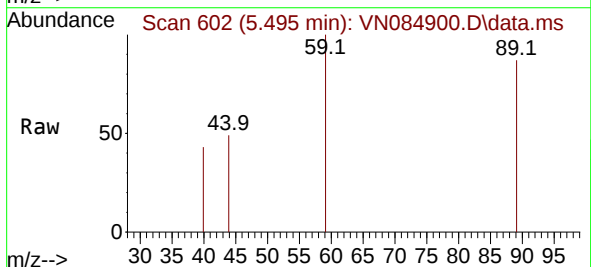
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-12R-20241111

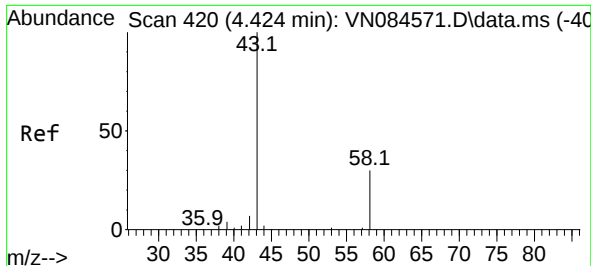
Tgt Ion: 64 Resp: 560
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 1.972 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion: 59 Resp: 566
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

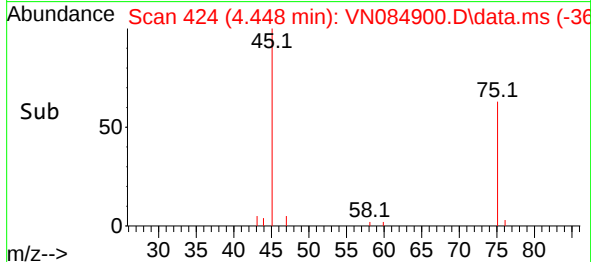
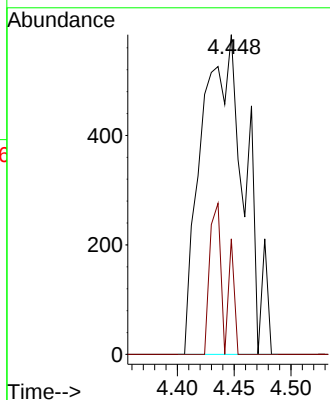
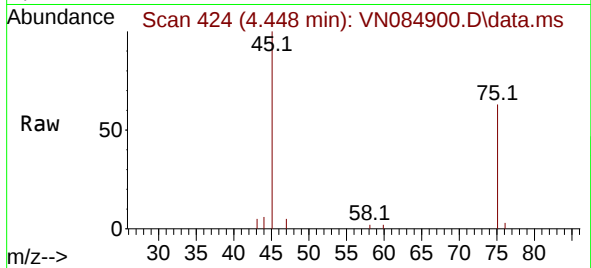




#16
Acetone
Concen: Below Cal
RT: 4.448 min Scan# 41
Delta R.T. 0.024 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

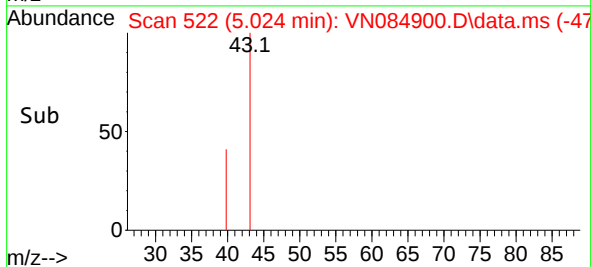
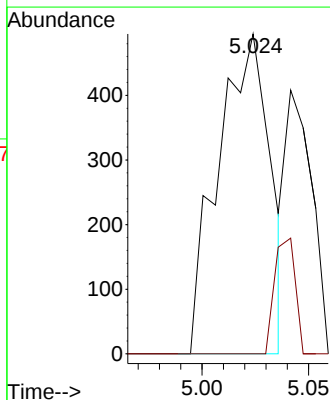
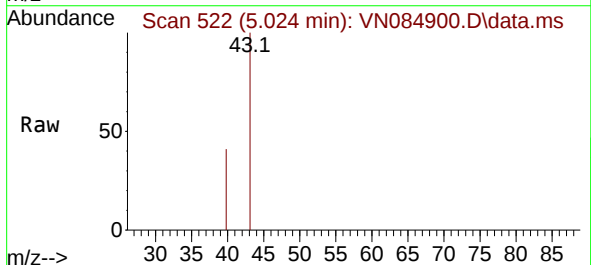
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-12R-20241111

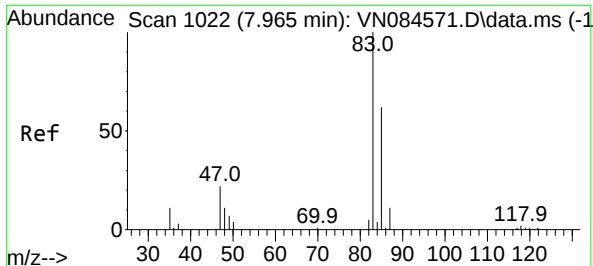
Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 36.1 24.4 36.6



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion: 43 Resp: 837
Ion Ratio Lower Upper
43 100
74 14.5 19.2 28.8#





#30

Chloroform

Concen: 0.532 ug/l

RT: 7.959 min Scan# 1067

Delta R.T. -0.006 min

Lab File: VN084900.D

Acq: 17 Nov 2024 17:12

Instrument :

MSVOA_N

ClientSampleId :

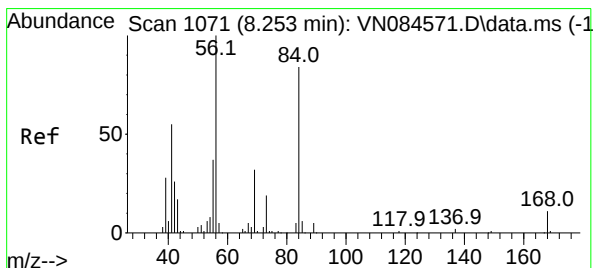
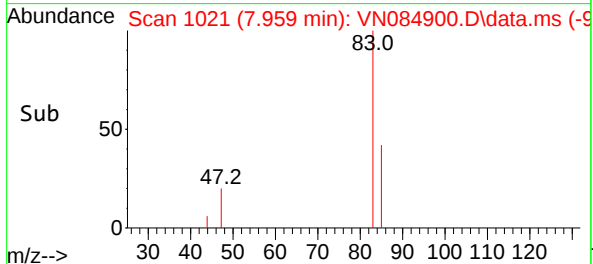
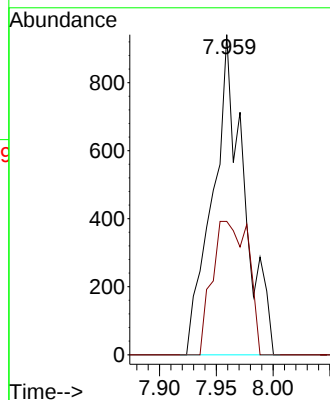
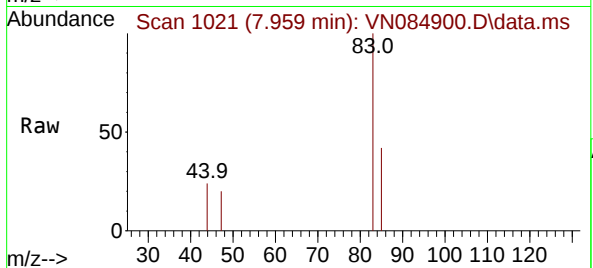
FSND-MW-12R-20241111

Tgt Ion: 83 Resp: 1795

Ion Ratio Lower Upper

83 100

85 41.7 51.0 76.4#



#31

Cyclohexane

Concen: 1.047 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.023 min

Lab File: VN084900.D

Acq: 17 Nov 2024 17:12

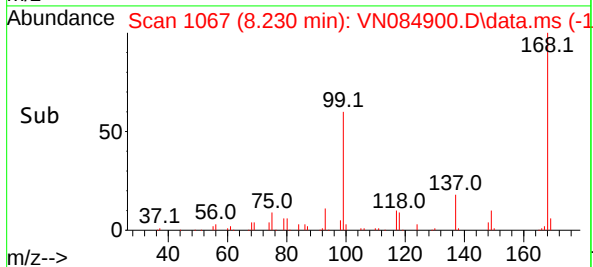
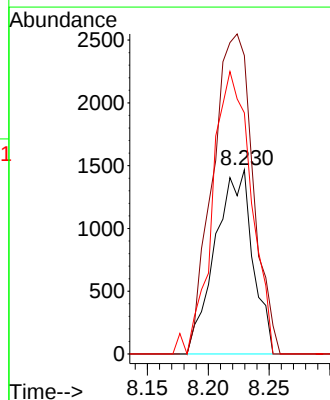
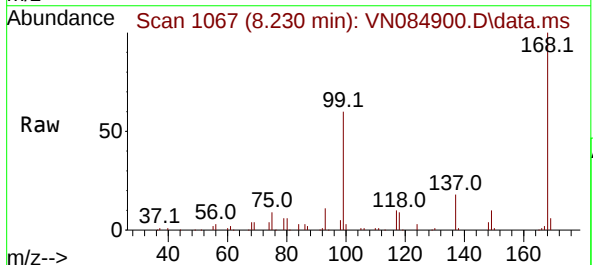
Tgt Ion: 56 Resp: 3142

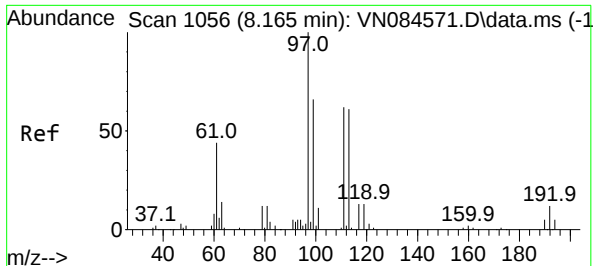
Ion Ratio Lower Upper

56 100

69 162.0 23.8 35.6#

84 130.9 68.8 103.2#

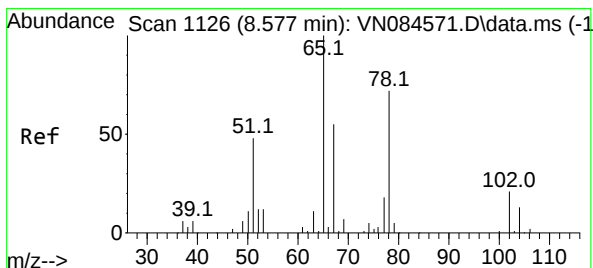
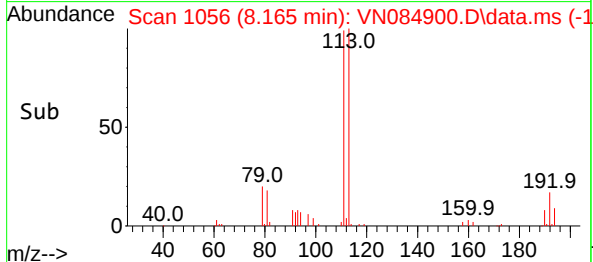
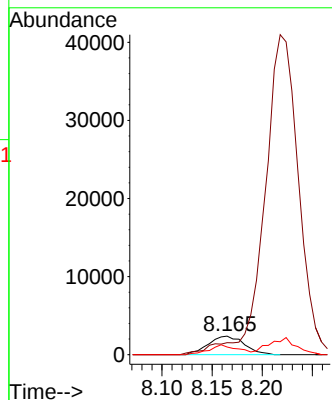
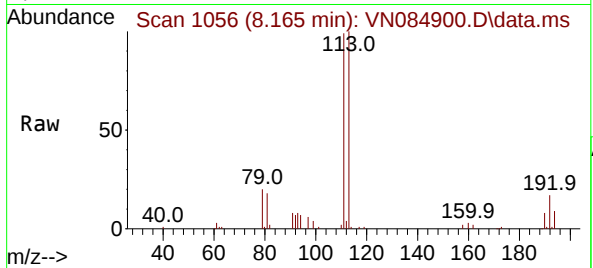




#32
1,1,1-Trichloroethane
Concen: 1.925 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

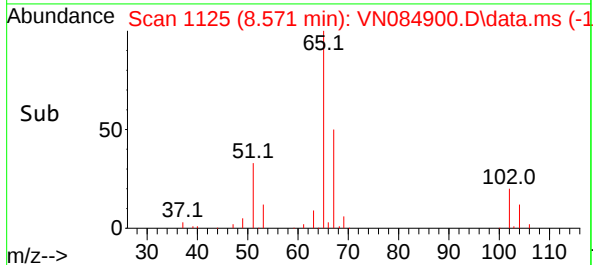
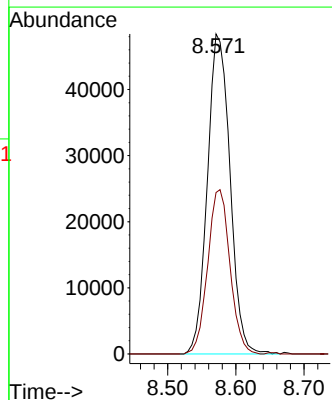
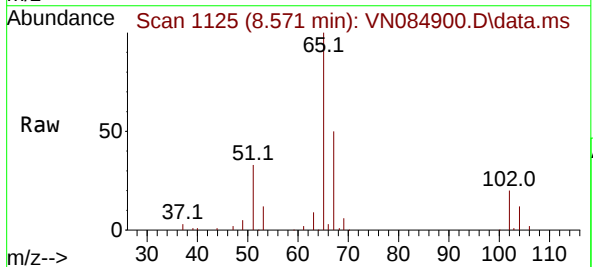
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MSVOA_N
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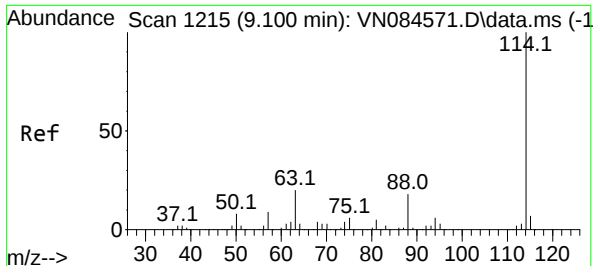
Tgt Ion: 97 Resp: 5914
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 42.5 37.5 56.3



#33
1,2-Dichloroethane-d4
Concen: 51.409 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion: 65 Resp: 111794
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084900.D

Acq: 17 Nov 2024 17:12

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-12R-20241111

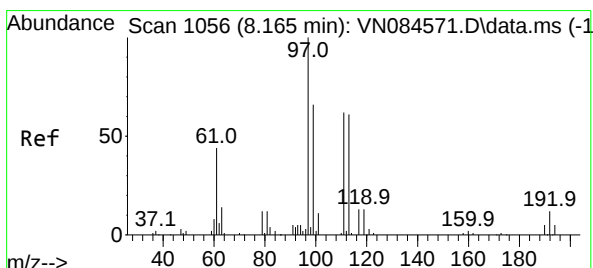
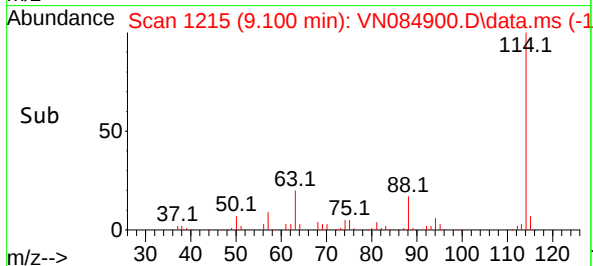
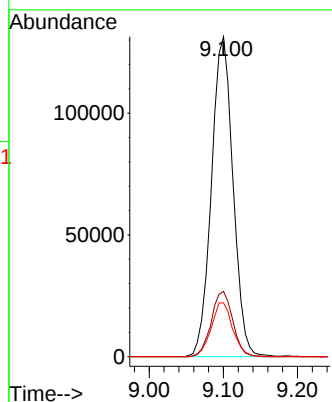
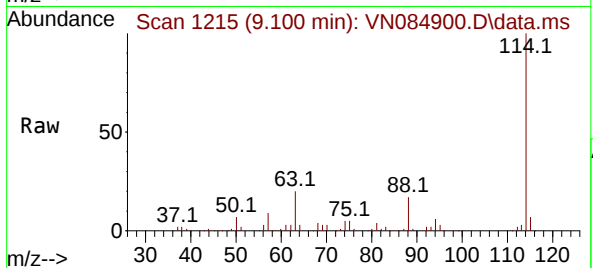
Tgt Ion:114 Resp: 265944

Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.8

88 16.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 51.429 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084900.D

Acq: 17 Nov 2024 17:12

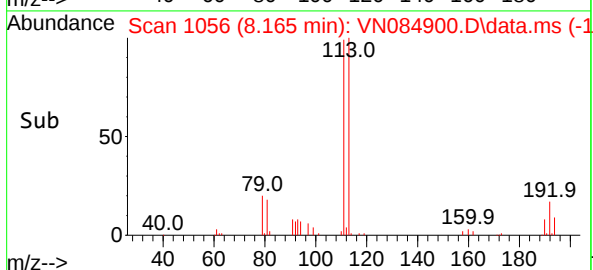
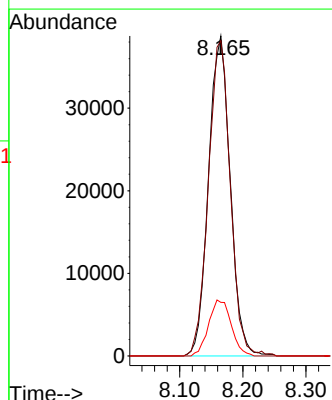
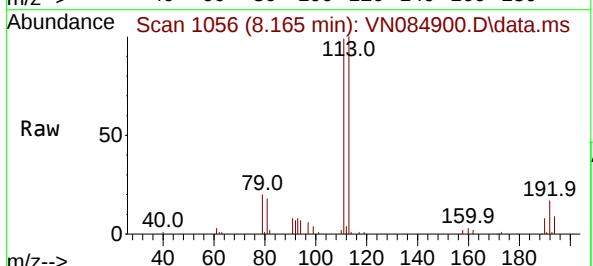
Tgt Ion:113 Resp: 92578

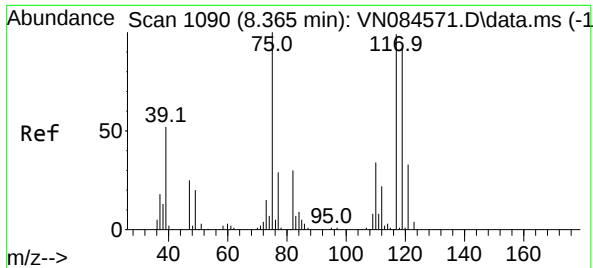
Ion Ratio Lower Upper

113 100

111 99.5 83.3 124.9

192 18.2 13.5 20.3

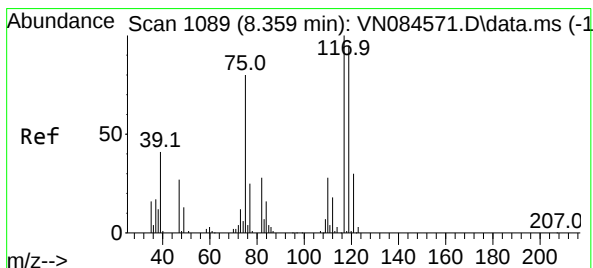
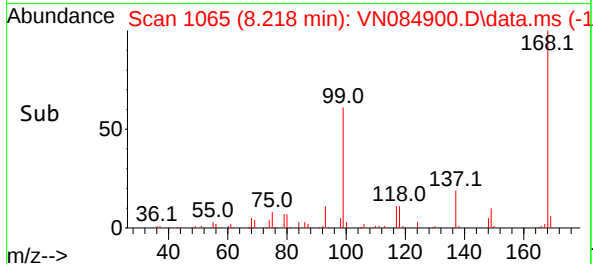
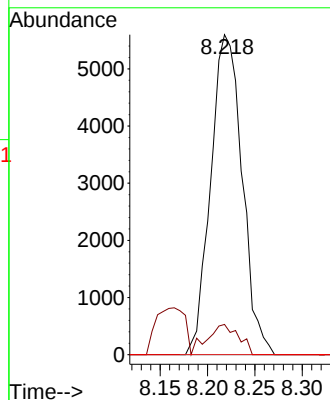
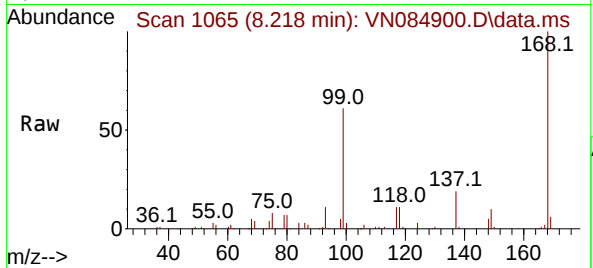




#36
 1,1-Dichloropropene
 Concen: 5.180 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.153 min
 Lab File: VN084900.D
 Acq: 17 Nov 2024 17:12

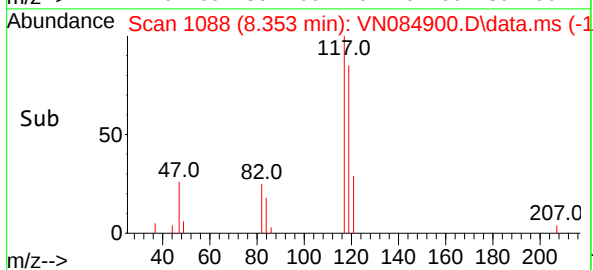
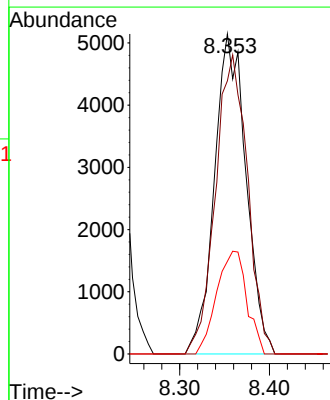
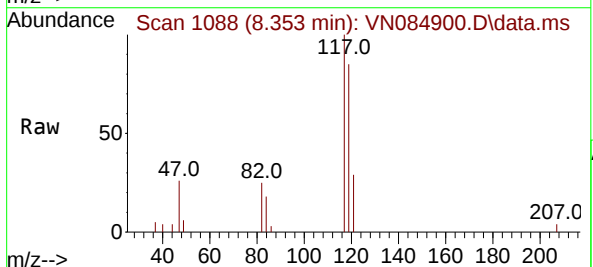
Instrument : MSVOA_N
 ClientSampleId : FSND-MW-12R-20241111

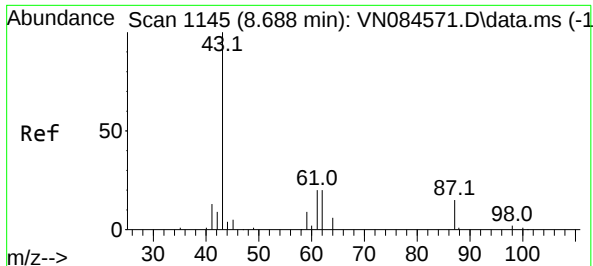
Tgt Ion: 75 Resp: 12932
 Ion Ratio Lower Upper
 75 100
 110 8.1 16.9 50.7#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 4.500 ug/l
 RT: 8.353 min Scan# 1088
 Delta R.T. -0.006 min
 Lab File: VN084900.D
 Acq: 17 Nov 2024 17:12

Tgt Ion: 117 Resp: 12556
 Ion Ratio Lower Upper
 117 100
 119 85.4 78.7 118.1
 121 29.0 24.4 36.6

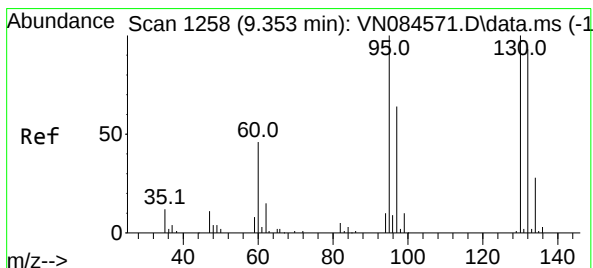
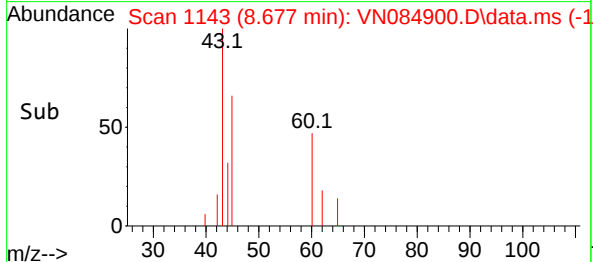
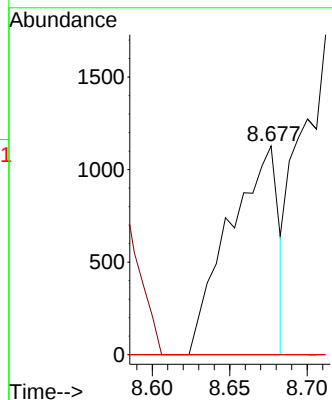
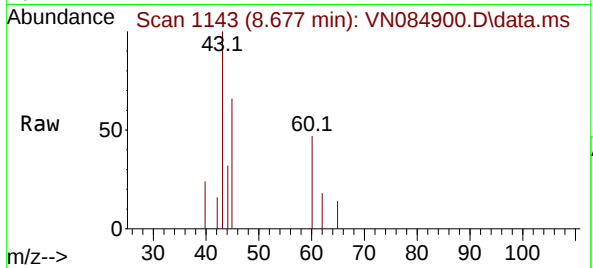




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

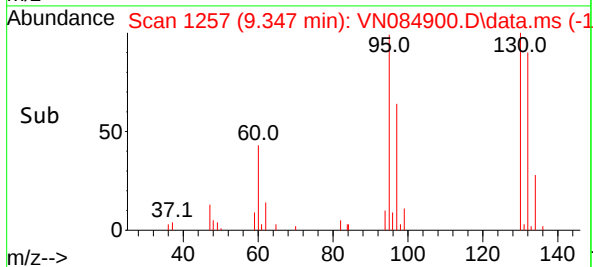
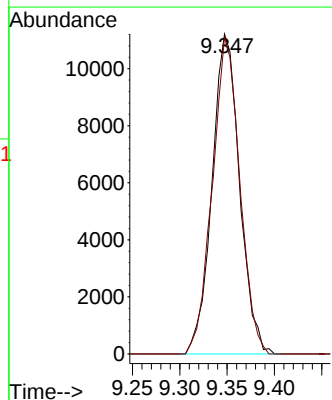
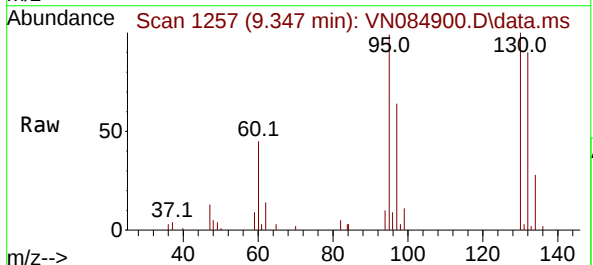
Instrument : MSVOA_N
ClientSampleId : FSND-MW-12R-20241111

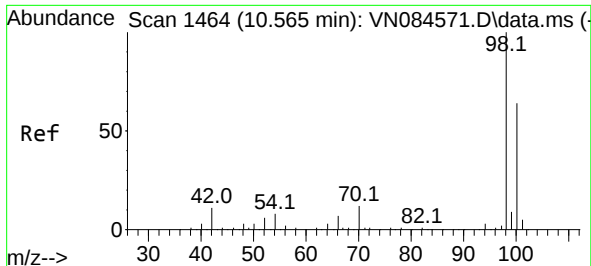
Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#44
Trichloroethene
Concen: 12.260 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion:130 Resp: 22670
Ion Ratio Lower Upper
130 100
95 98.9 0.0 203.0

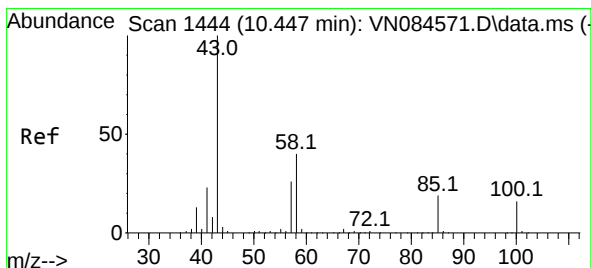
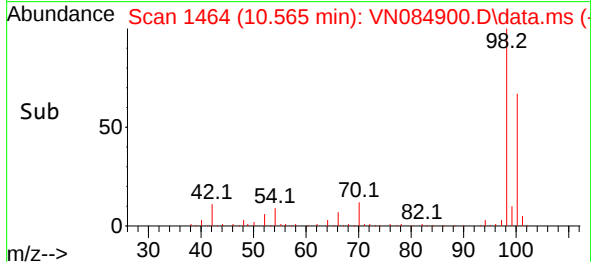
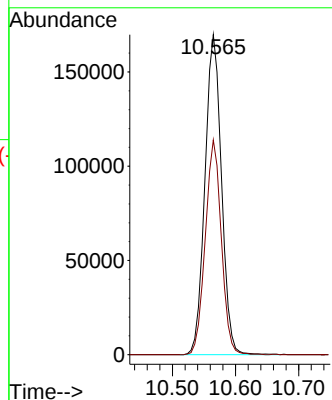
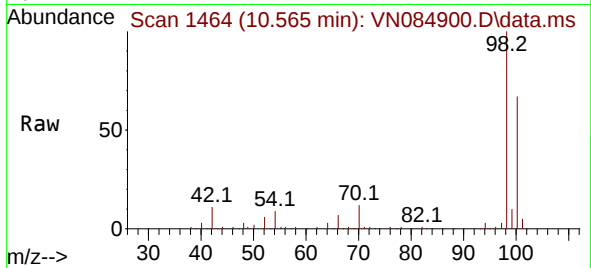




#50
Toluene-d8
Concen: 46.645 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

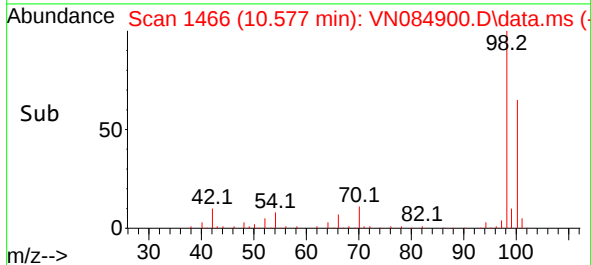
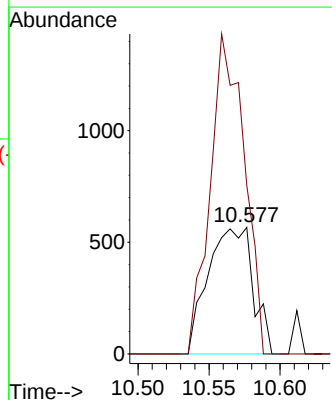
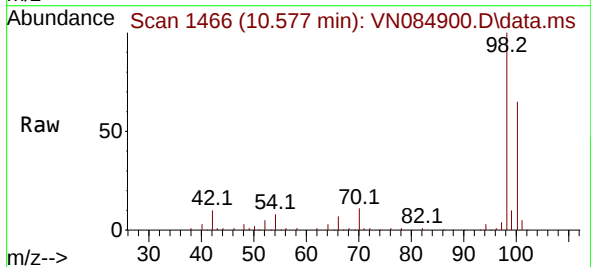
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-12R-20241111

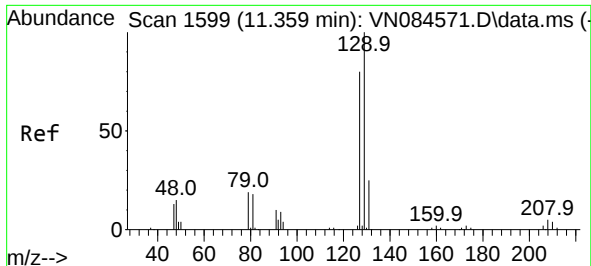
Tgt Ion: 98 Resp: 309304
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.578 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.135 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 191.8 31.6 47.4#

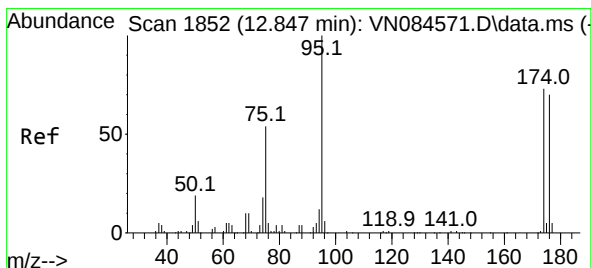
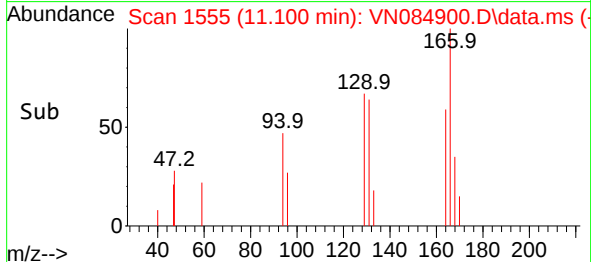
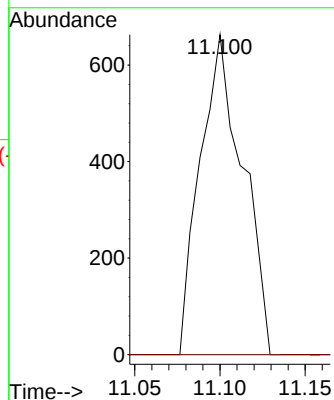
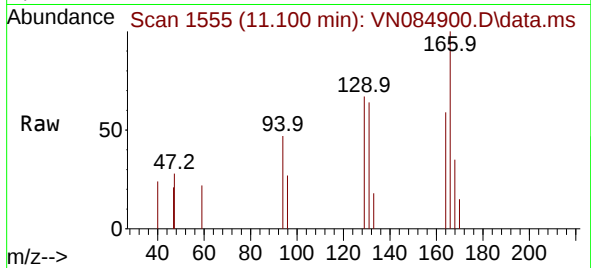




#60
Dibromochloromethane
Concen: 0.572 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

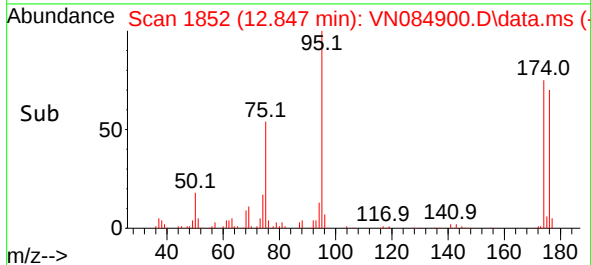
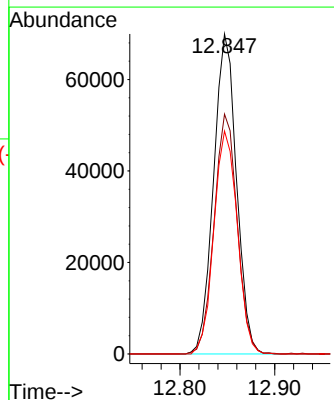
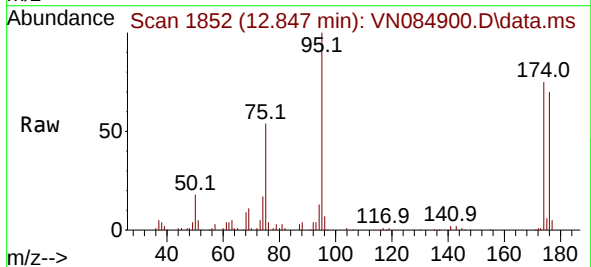
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-12R-20241111

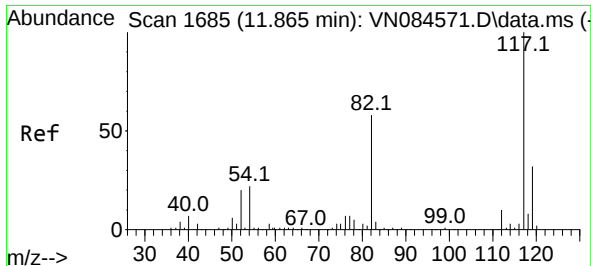
Tgt Ion:129 Resp: 1151
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 47.475 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion: 95 Resp: 117654
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.2
176 71.3 0.0 140.0



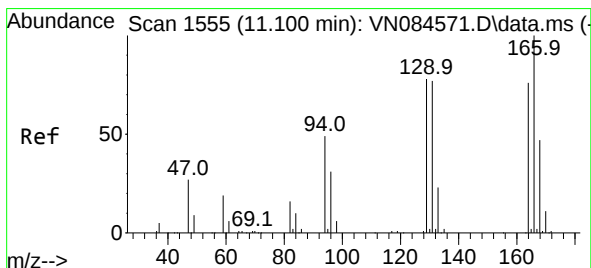
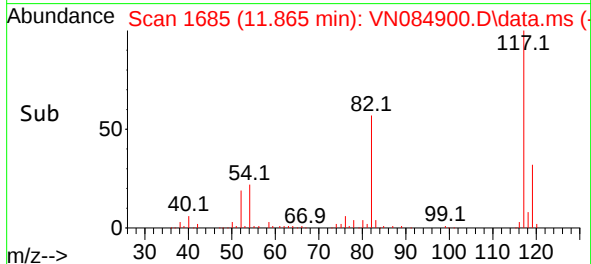
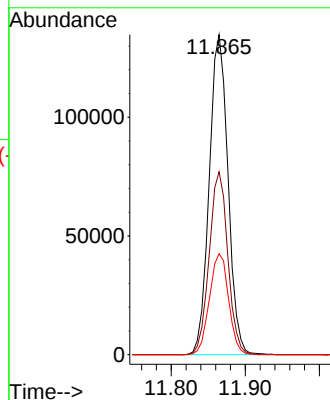
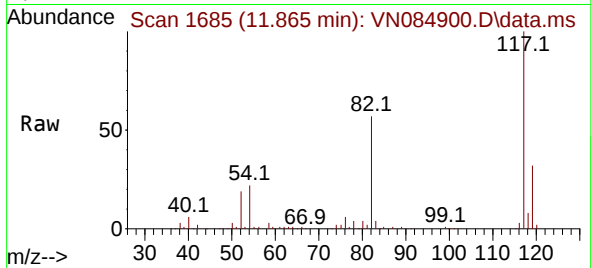


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-12R-20241111

Tgt Ion:117 Resp: 237244

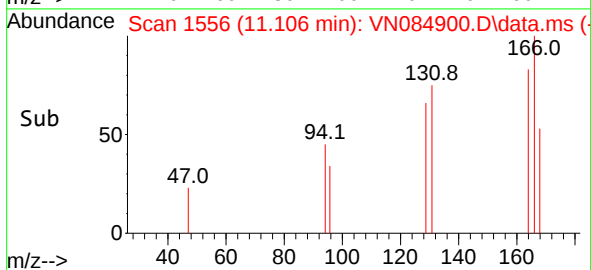
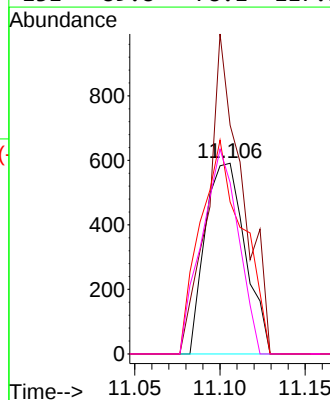
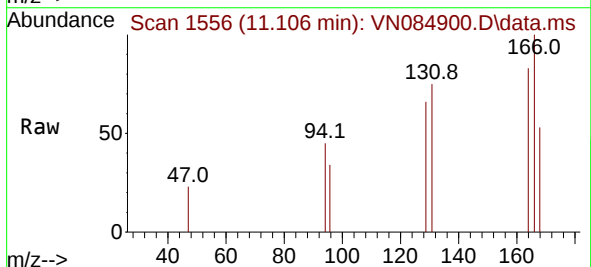
Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.2	70.8
119	31.5	25.4	38.0

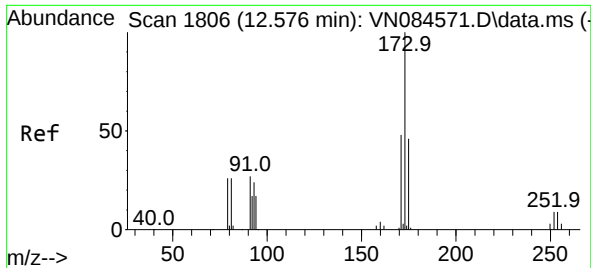


#64
Tetrachloroethene
Concen: 0.612 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion:164 Resp: 966

Ion	Ratio	Lower	Upper
164	100		
166	120.0	101.0	151.4
129	79.7	80.8	121.2#
131	89.8	78.1	117.1

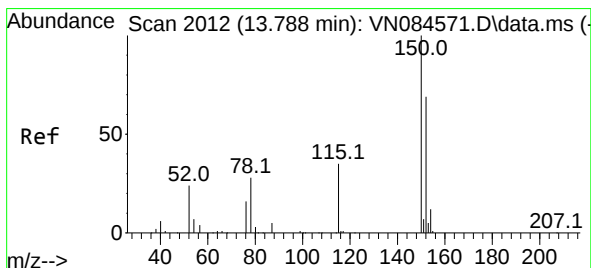
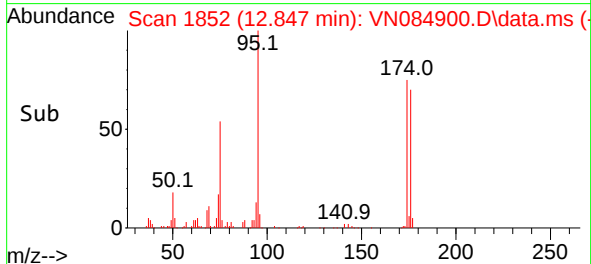
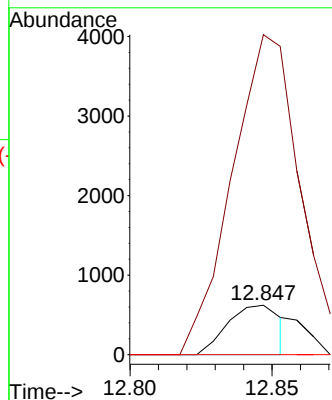
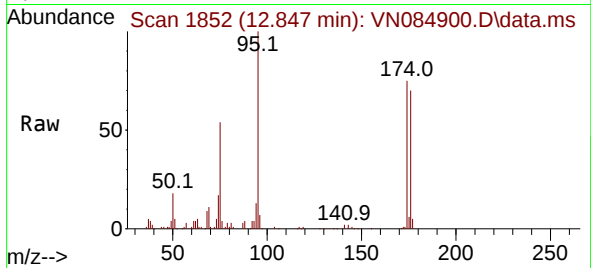




#71
Bromoform
Concen: 0.581 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

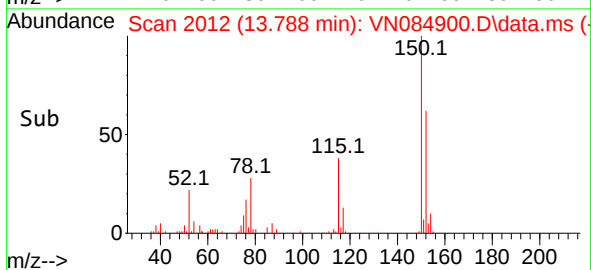
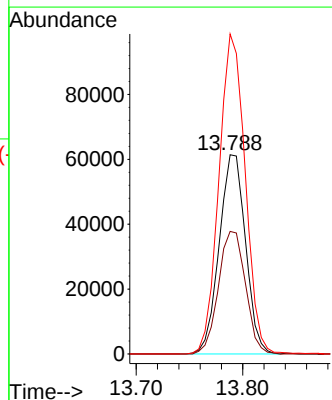
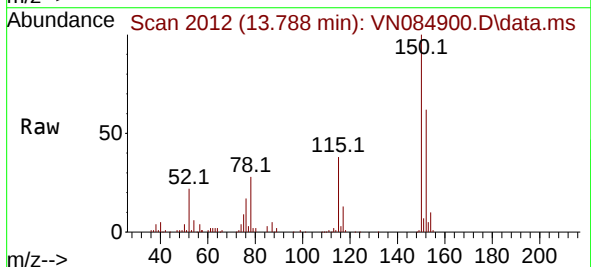
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-12R-20241111

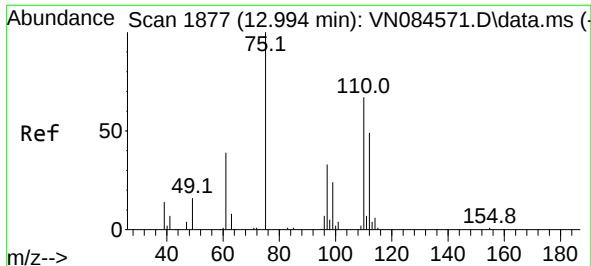
Tgt Ion:173 Resp: 807
Ion Ratio Lower Upper
173 100
175 642.1 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion:152 Resp: 105603
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.9
150 159.9 0.0 349.8

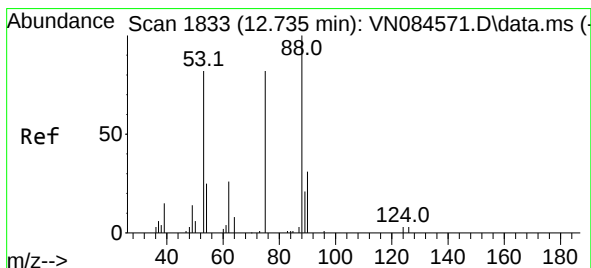
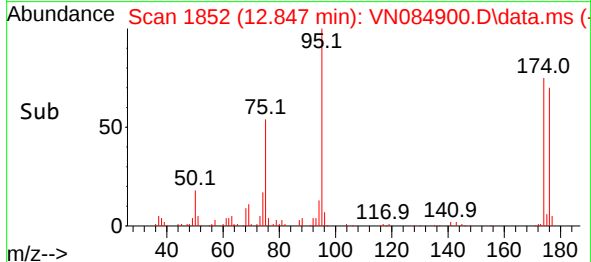
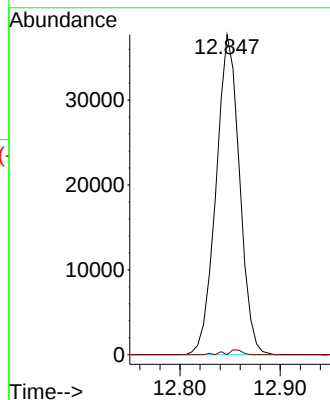
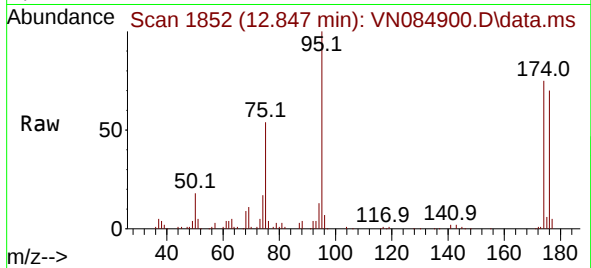




#76
1,2,3-Trichloropropane
Concen: 29.000 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

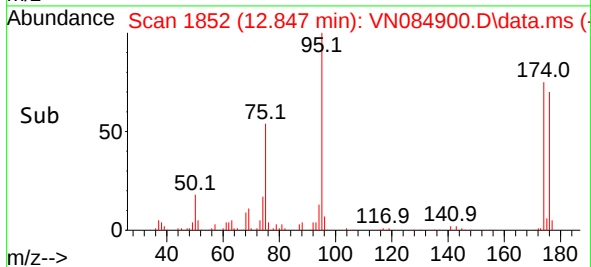
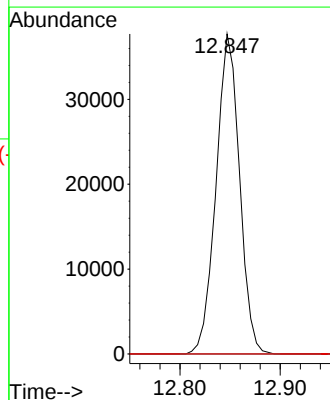
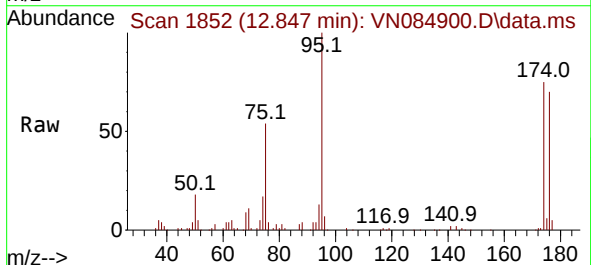
Instrument : MSVOA_N
ClientSampleId : FSND-MW-12R-20241111

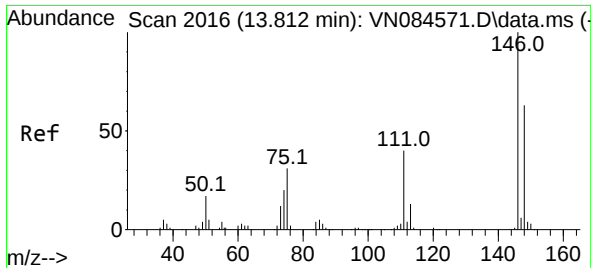
Tgt Ion: 75 Resp: 61217
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.799 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084900.D
Acq: 17 Nov 2024 17:12

Tgt Ion: 75 Resp: 61217
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.812 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN084900.D

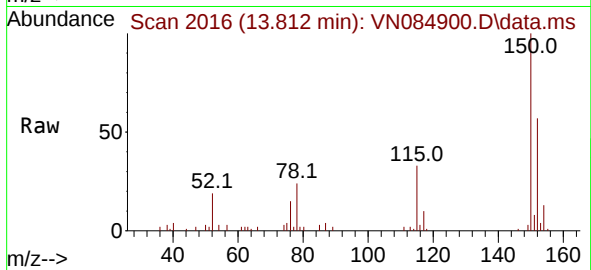
Acq: 17 Nov 2024 17:12

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-12R-20241111



Tgt Ion:	146	Resp:	127
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.2	63.6#
148	0.0	31.9	95.9#

