

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084164.D
 Acq On : 25 Sep 2024 16:59
 Operator : JC\MD
 Sample : P4116-18DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE131D3-20240917DL

Quant Time: Sep 26 01:35:53 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)

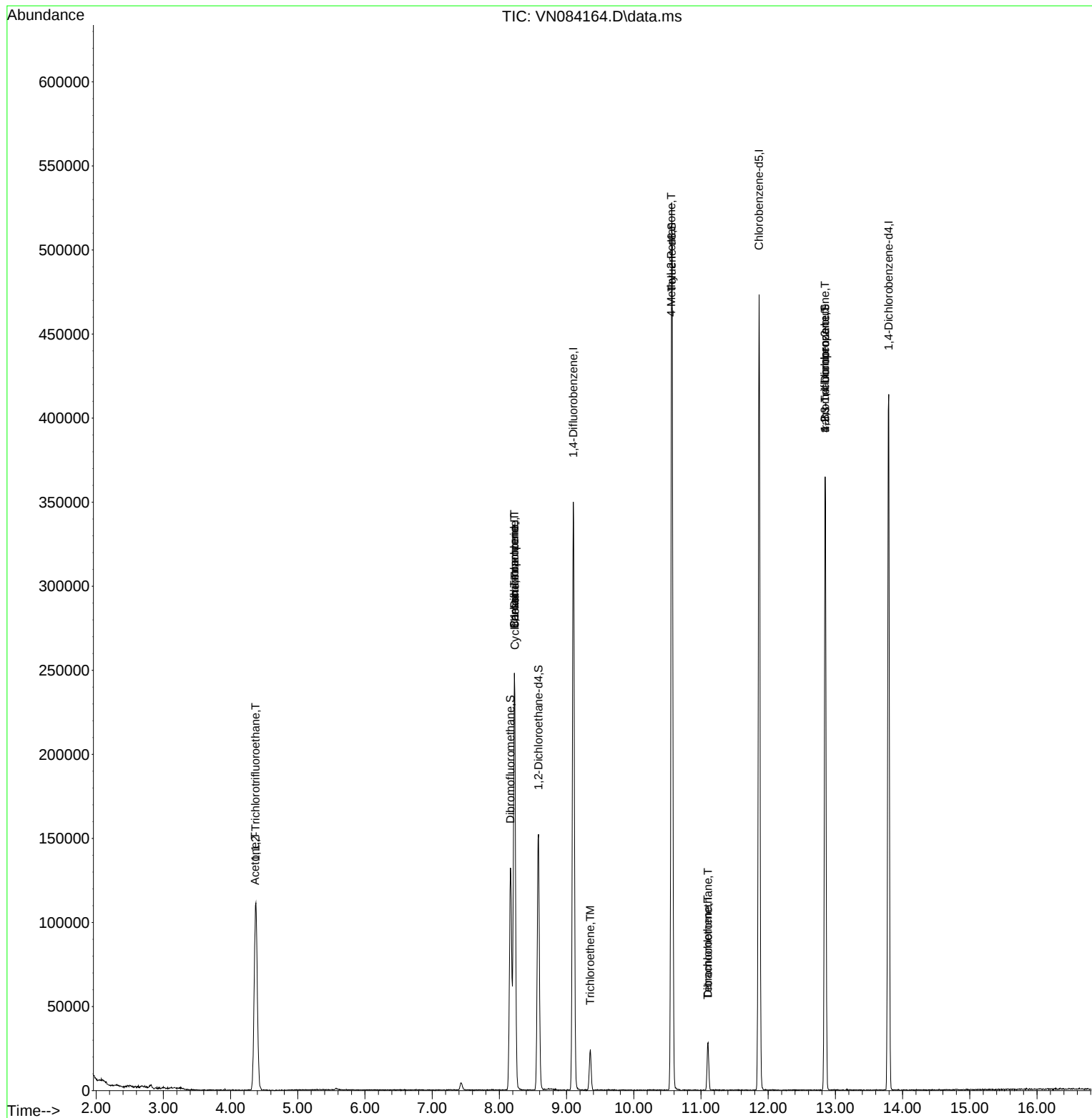
Internal Standards						
1) Pentafluorobenzene	8.224	168	170640	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	287714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	256290	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	126373	49.115	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.220%
35) Dibromofluoromethane	8.165	113	95707	51.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.920%
50) Toluene-d8	10.565	98	361266	56.735	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	113.480%#
62) 4-Bromofluorobenzene	12.847	95	126491	48.148	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.300%
Target Compounds						
					Qvalue	
3) Chloromethane	2.377	50	54	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	4.371	101	78439	40.136	ug/l	99
16) Acetone	4.365	43	1115	1.081	ug/l #	45
31) Cyclohexane	8.229	56	4399	1.183	ug/l #	39
36) 1,1-Dichloropropene	8.224	75	15773	5.689	ug/l #	51
38) Carbon Tetrachloride	8.224	117	19172	6.096	ug/l #	16
44) Trichloroethene	9.353	130	8365	4.329	ug/l	97
51) 4-Methyl-2-Pentanone	10.559	43	1771	0.713	ug/l #	1
60) Dibromochloromethane	11.106	129	6367	2.986	ug/l #	10
64) Tetrachloroethene	11.100	164	6179	3.625	ug/l	87
76) 1,2,3-Trichloropropane	12.847	75	69301	31.573	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	69301	82.692	ug/l #	9

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

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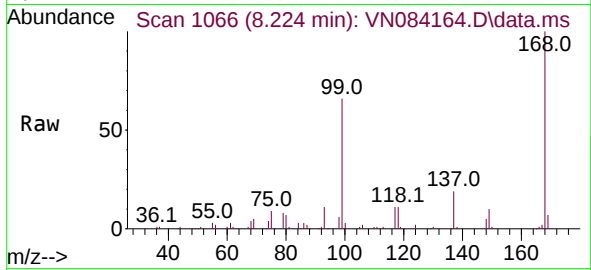
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



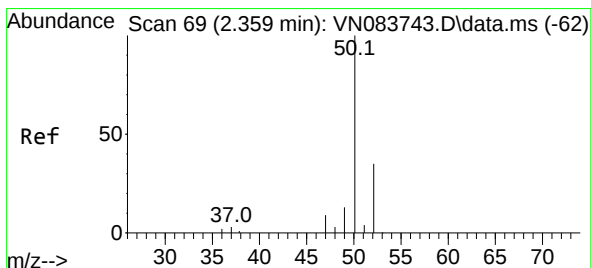
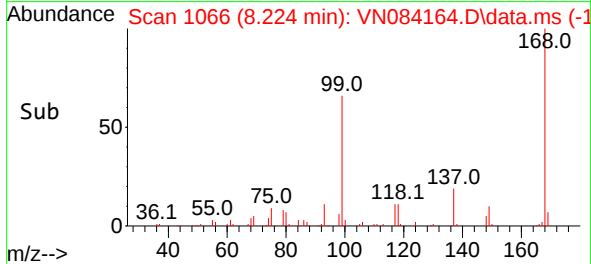
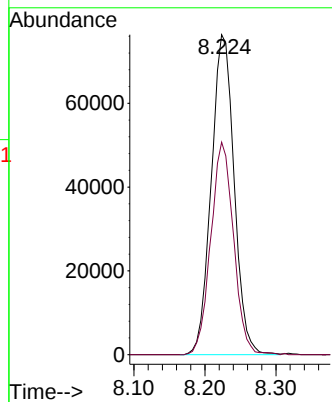


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20240917DL

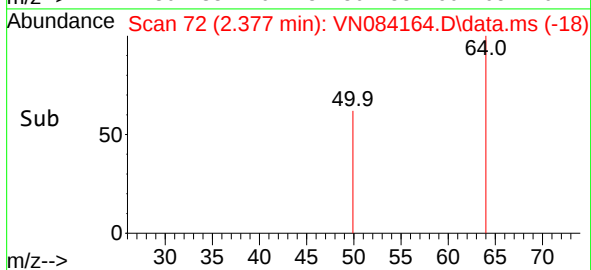
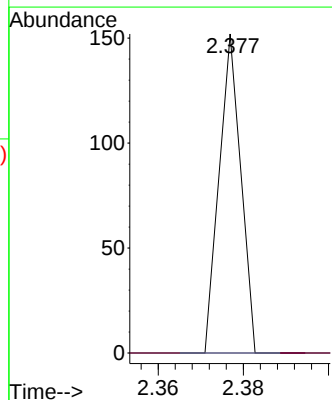
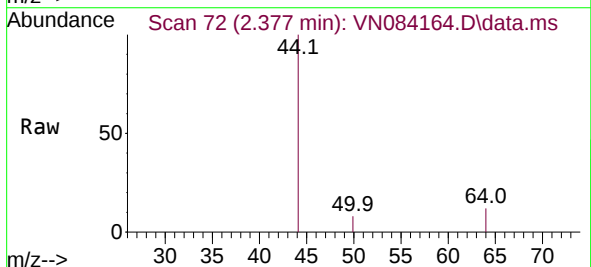


Tgt Ion:168 Resp: 170640
Ion Ratio Lower Upper
168 100
99 66.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.377 min Scan# 72
Delta R.T. 0.018 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

Tgt Ion: 50 Resp: 54
Ion Ratio Lower Upper
50 100
52 0.0 27.2 40.8#

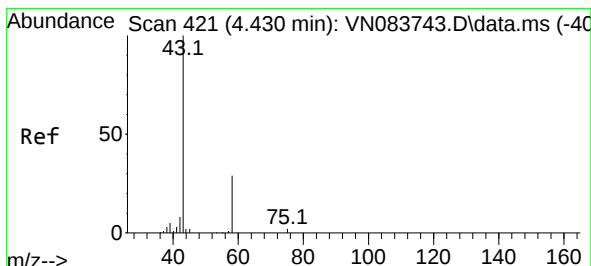
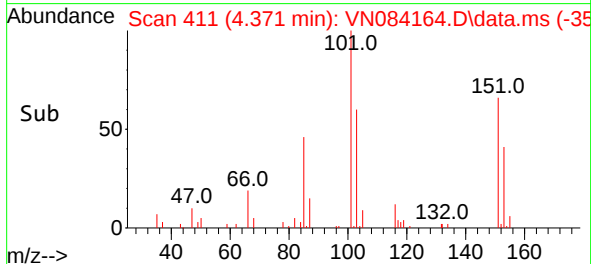
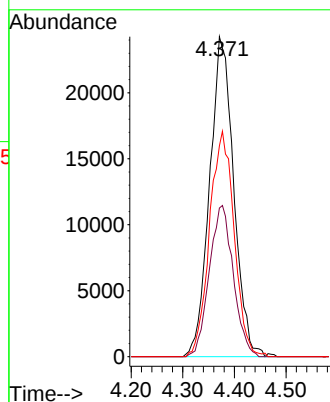
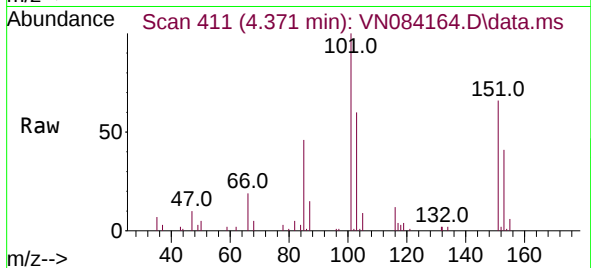




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.136 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.017 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

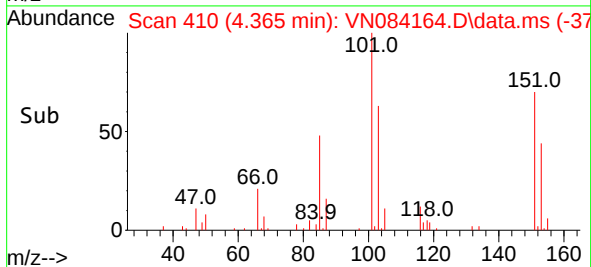
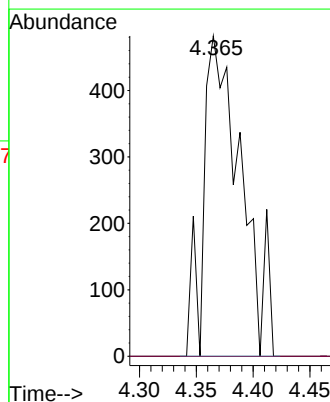
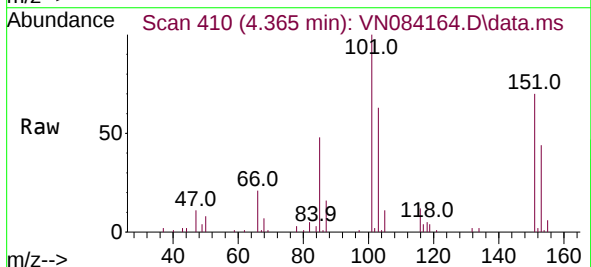
Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20240917DL

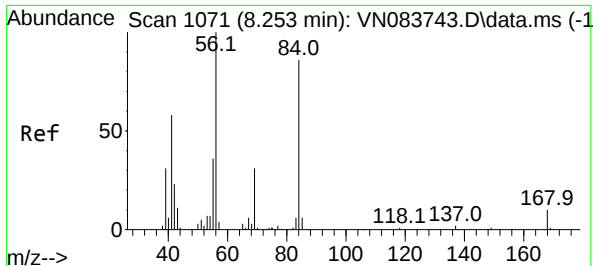
Tgt Ion:101 Resp: 78439
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 71.8 57.7 86.5



#16
Acetone
Concen: 1.081 ug/l
RT: 4.365 min Scan# 410
Delta R.T. -0.065 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

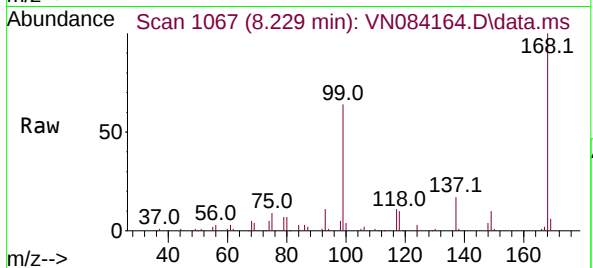
Tgt Ion: 43 Resp: 1115
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



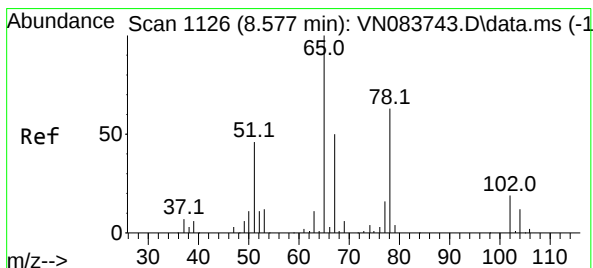
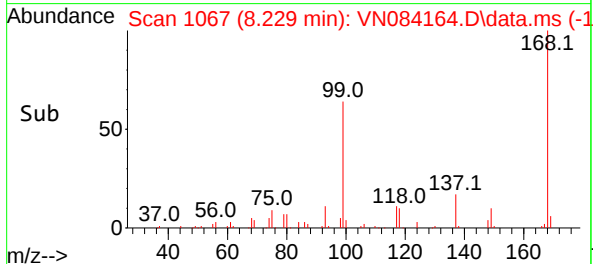
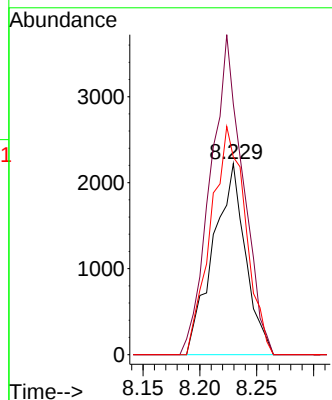


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20240917DL

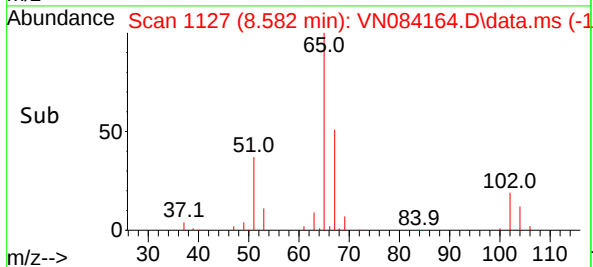
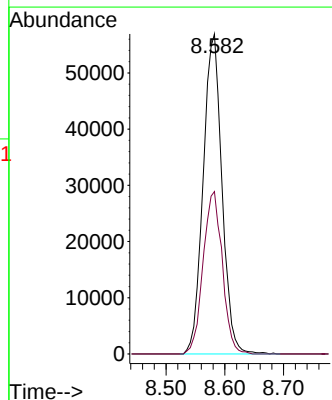
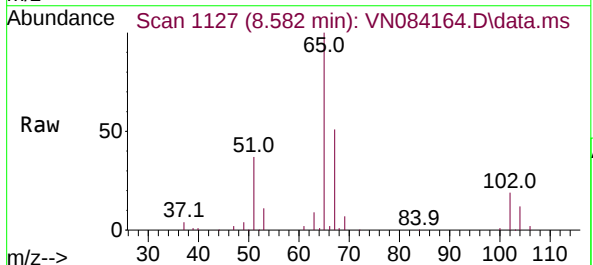


Tgt Ion: 56 Resp: 4399
Ion Ratio Lower Upper
56 100
69 131.2 26.9 40.3#
84 103.4 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 49.115 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

Tgt Ion: 65 Resp: 126373
Ion Ratio Lower Upper
65 100
67 51.7 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084164.D

Acq: 25 Sep 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

RE131D3-20240917DL

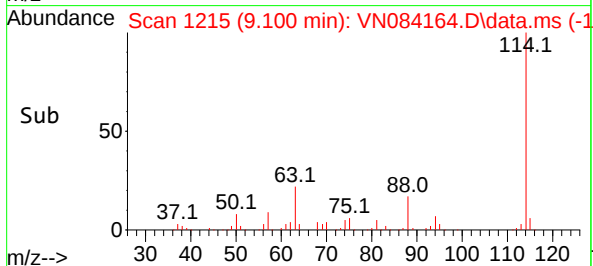
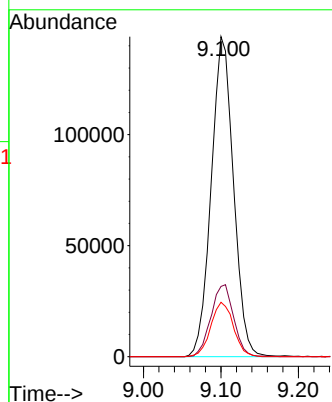
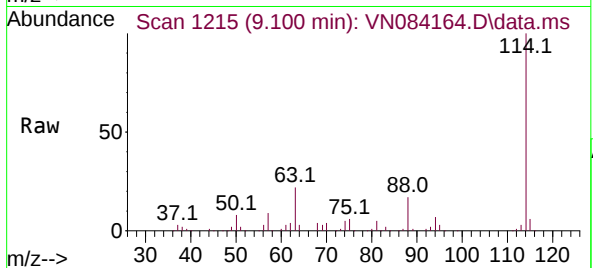
Tgt Ion:114 Resp: 287714

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 17.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.961 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084164.D

Acq: 25 Sep 2024 16:59

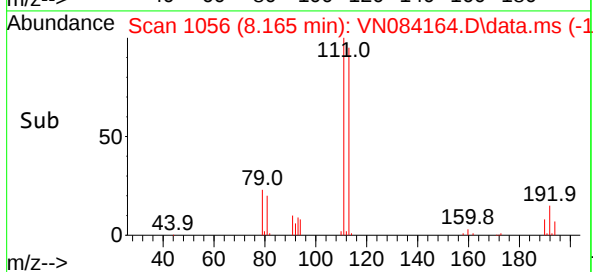
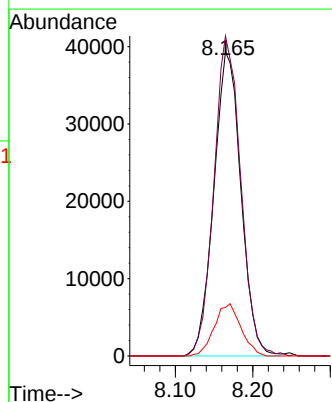
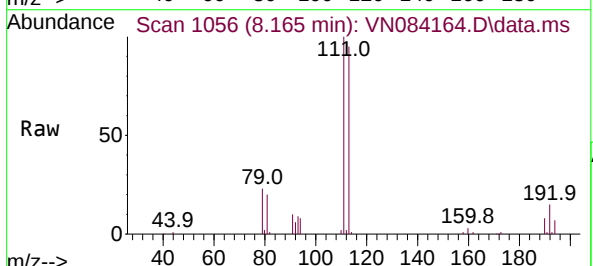
Tgt Ion:113 Resp: 95707

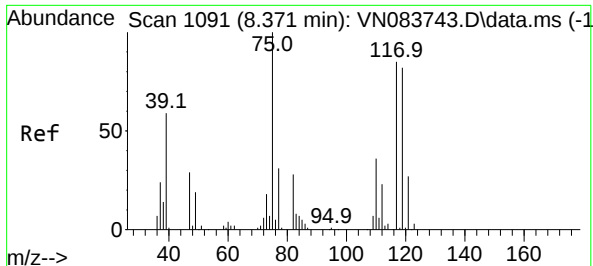
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 16.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.689 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084164.D

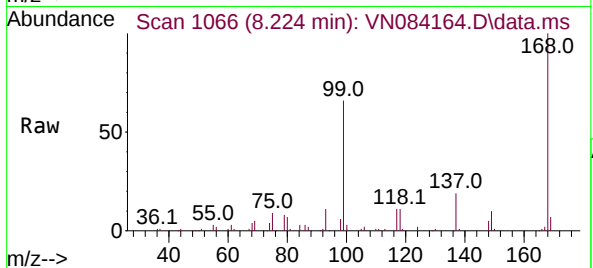
Acq: 25 Sep 2024 16:59

Instrument :

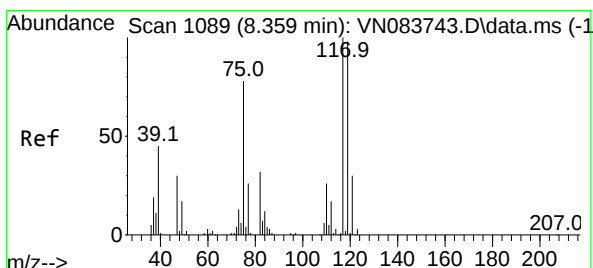
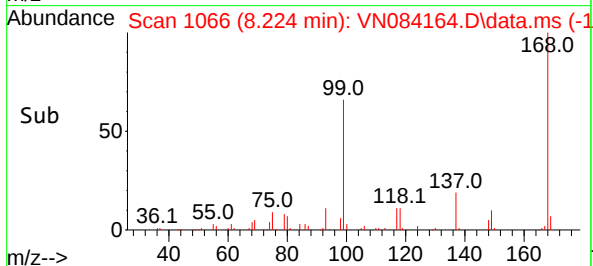
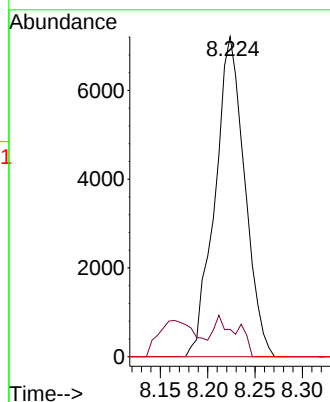
MSVOA_N

ClientSampleId :

RE131D3-20240917DL



Tgt Ion:	75	Resp:	15773
Ion Ratio	Lower	Upper	
75	100		
110	10.0	16.7	50.1#
77	0.0	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 6.096 ug/l

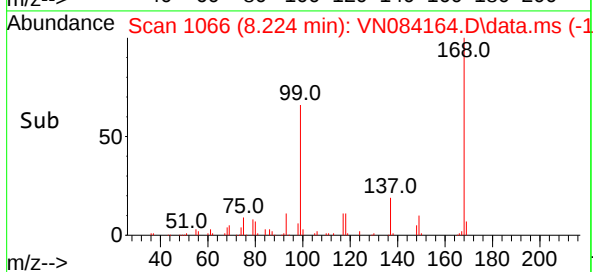
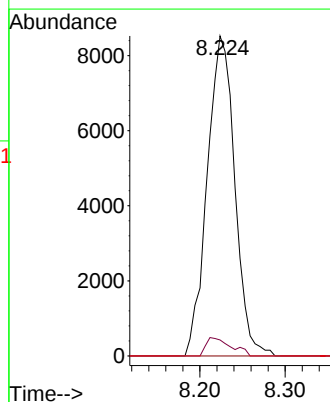
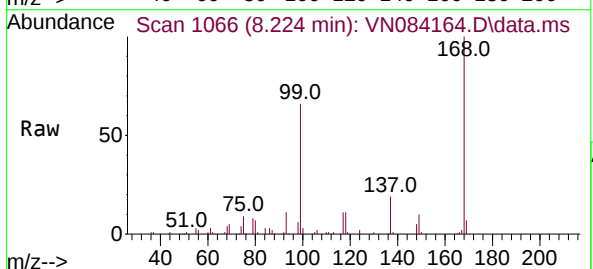
RT: 8.224 min Scan# 1066

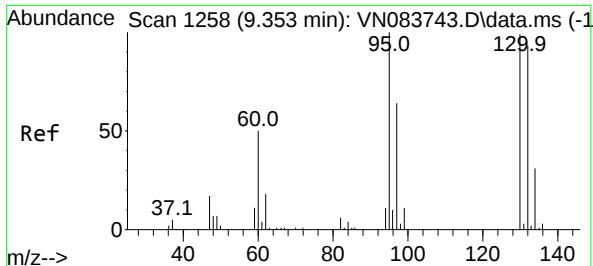
Delta R.T. -0.135 min

Lab File: VN084164.D

Acq: 25 Sep 2024 16:59

Tgt Ion:	117	Resp:	19172
Ion Ratio	Lower	Upper	
117	100		
119	5.0	76.1	114.1#
121	0.0	24.1	36.1#





#44

Trichloroethene

Concen: 4.329 ug/l

RT: 9.353 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084164.D

Acq: 25 Sep 2024 16:59

Instrument :

MSVOA_N

ClientSampleId :

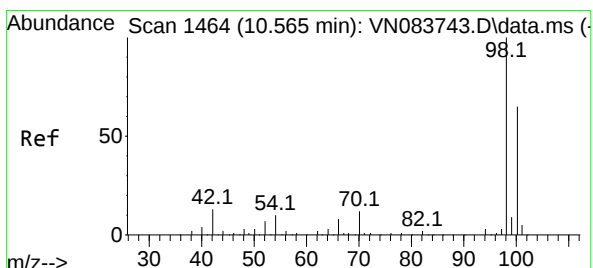
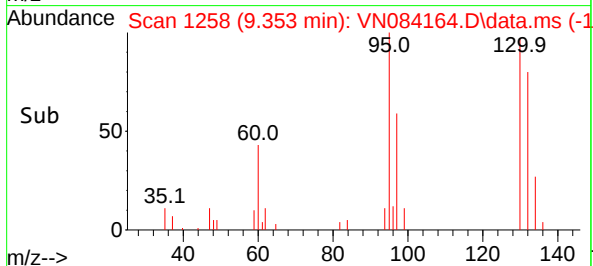
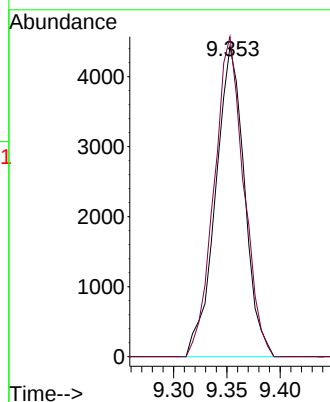
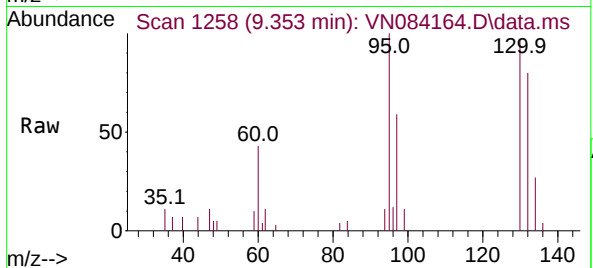
RE131D3-20240917DL

Tgt Ion:130 Resp: 8365

Ion Ratio Lower Upper

130 100

95 103.2 0.0 200.4



#50

Toluene-d8

Concen: 56.735 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084164.D

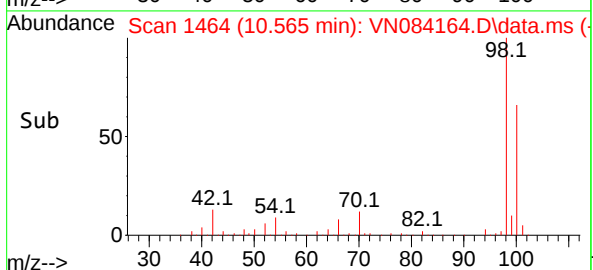
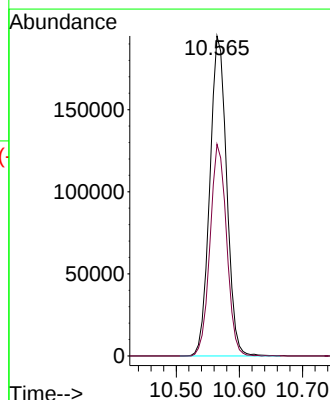
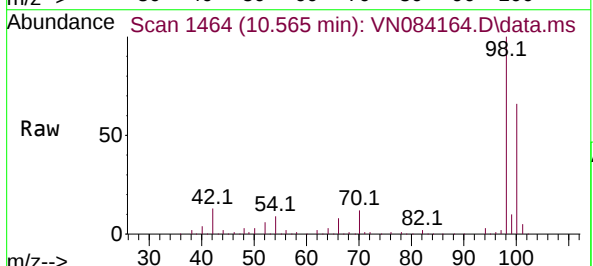
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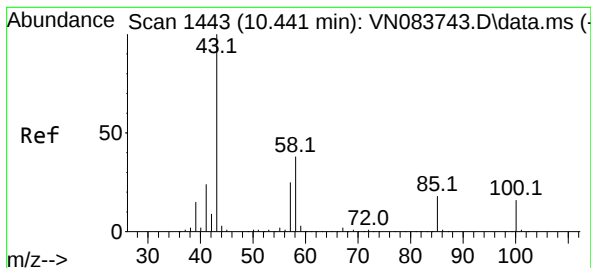
Tgt Ion: 98 Resp: 361266

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

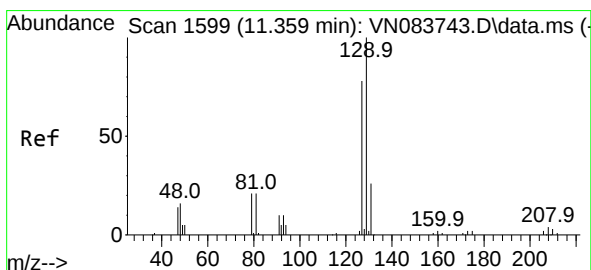
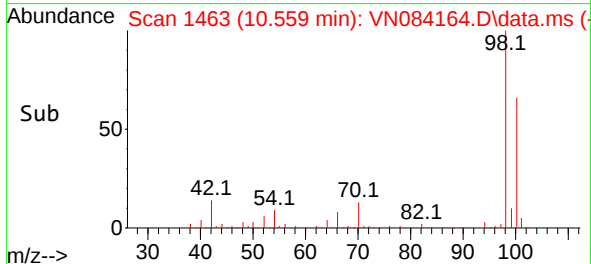
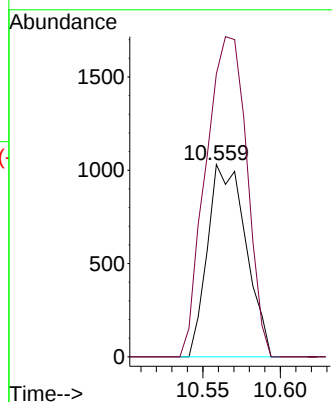
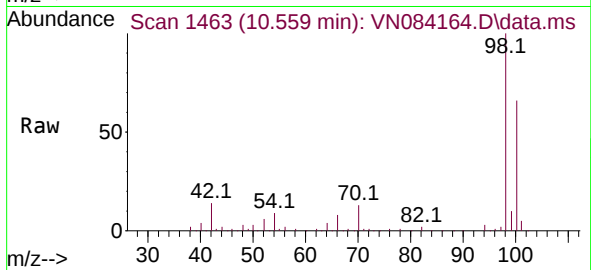




#51
4-Methyl-2-Pentanone
Concen: 0.713 ug/l
RT: 10.559 min Scan# 14
Delta R.T. 0.117 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

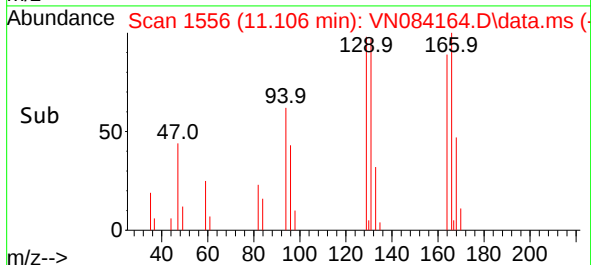
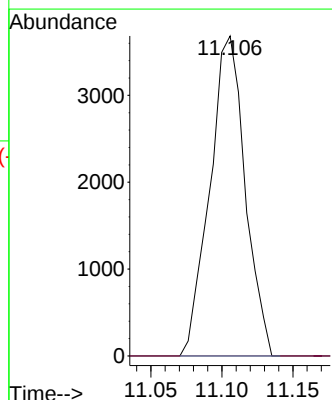
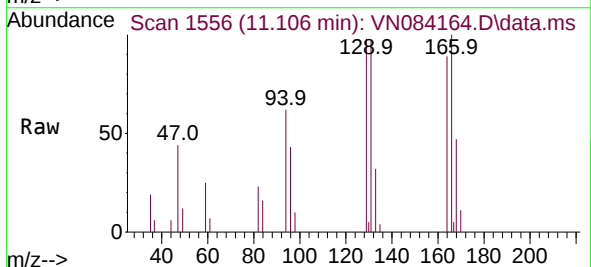
Instrument :
MSVOA_N
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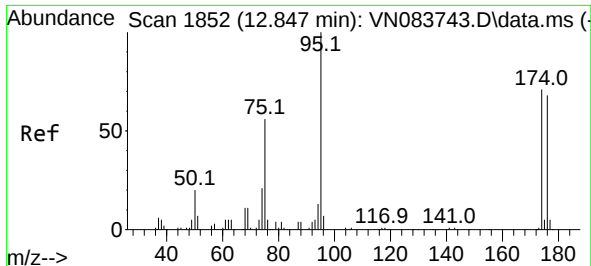
Tgt Ion: 43 Resp: 1771
Ion Ratio Lower Upper
43 100
58 178.3 31.6 47.4#



#60
Dibromochloromethane
Concen: 2.986 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

Tgt Ion: 129 Resp: 6367
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#

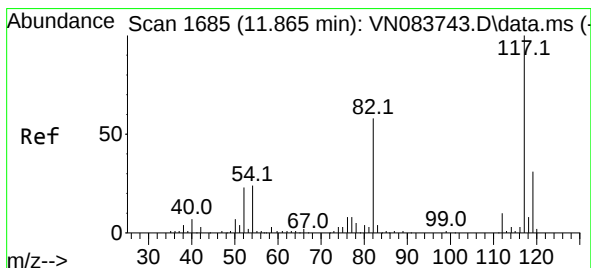
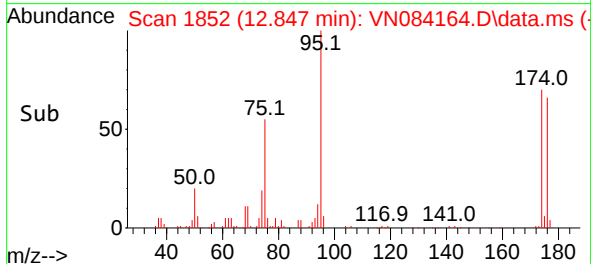
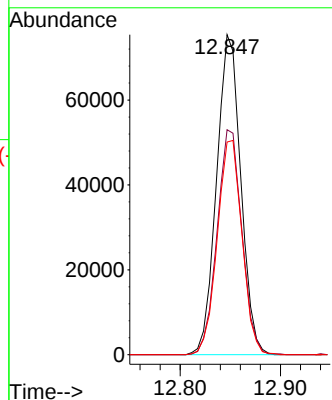
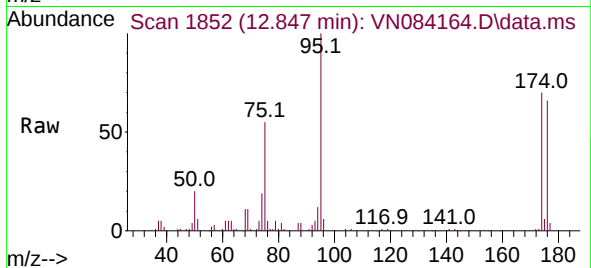




#62
4-Bromofluorobenzene
Concen: 48.148 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

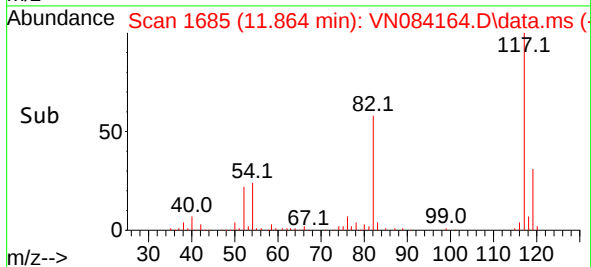
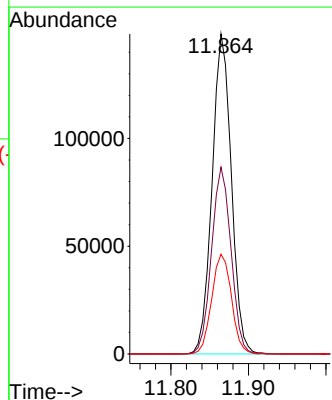
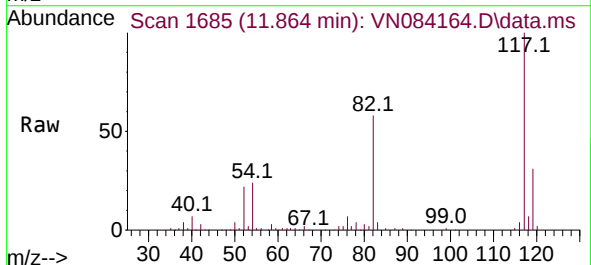
Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20240917DL

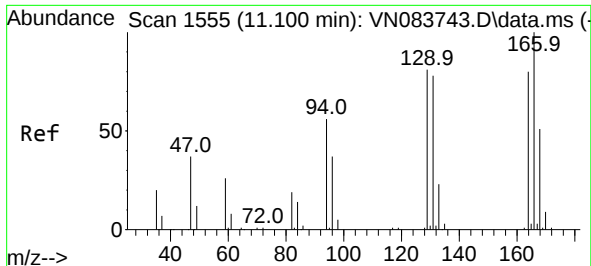
Tgt Ion: 95 Resp: 126491
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 68.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

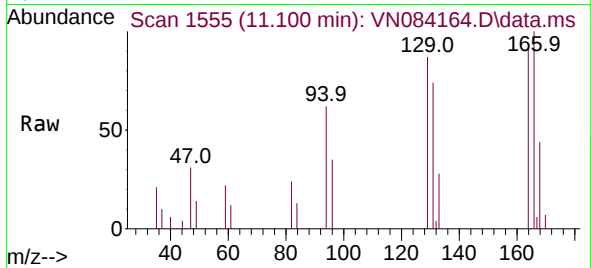
Tgt Ion: 117 Resp: 256290
Ion Ratio Lower Upper
117 100
82 58.3 47.4 71.0
119 31.1 26.3 39.5



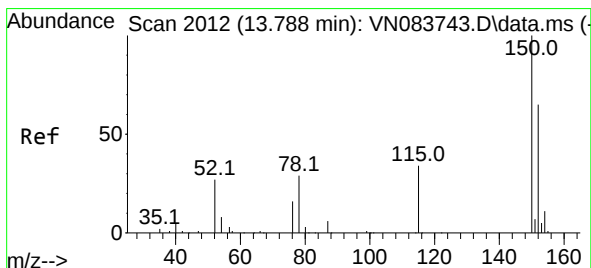
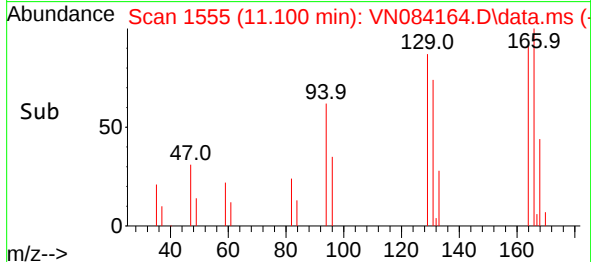
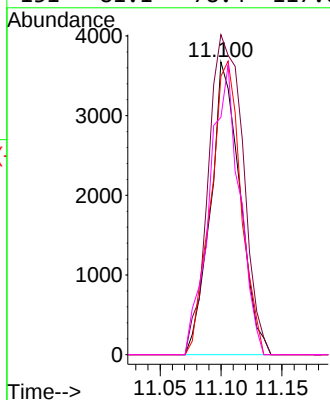


#64
Tetrachloroethene
Concen: 3.625 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20240917DL

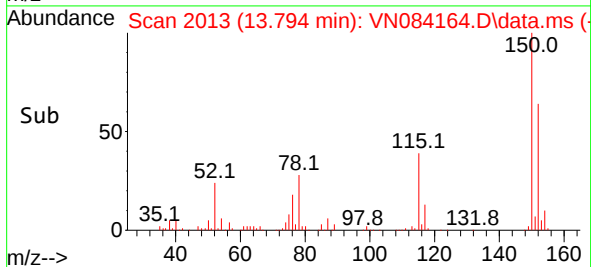
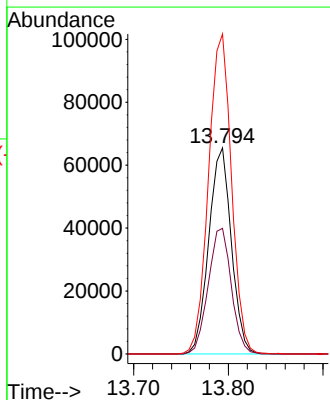
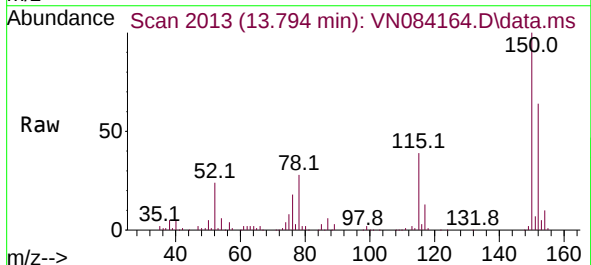


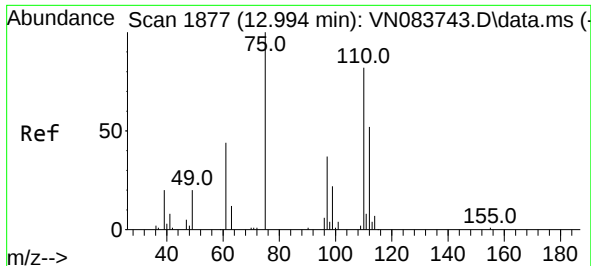
Tgt Ion:164 Resp: 6179
Ion Ratio Lower Upper
164 100
166 109.3 103.7 155.5
129 95.1 79.9 119.9
131 81.1 78.4 117.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

Tgt Ion:152 Resp: 108779
Ion Ratio Lower Upper
152 100
115 62.1 32.2 96.6
150 157.8 0.0 348.6

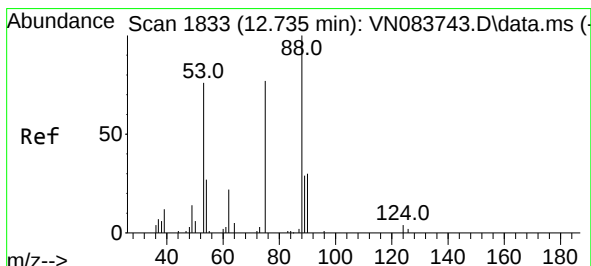
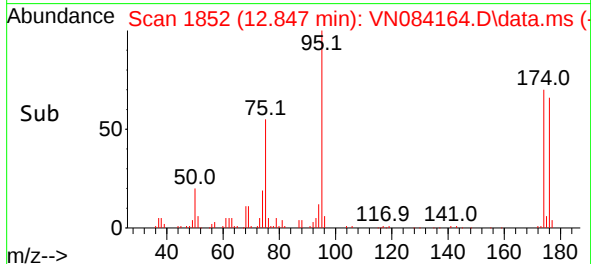
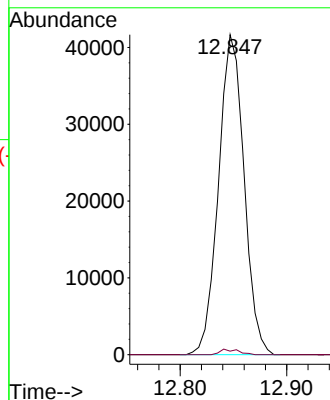
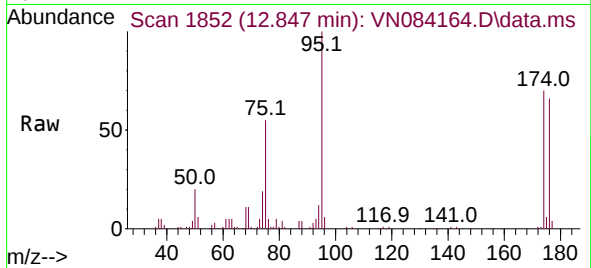




#76
1,2,3-Trichloropropane
Concen: 31.573 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

Instrument :
MSVOA_N
ClientSampleId :
RE131D3-20240917DL

Tgt Ion: 75 Resp: 69301
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.692 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084164.D
Acq: 25 Sep 2024 16:59

Tgt Ion: 75 Resp: 69301
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.1 35.7 53.5#

