

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082624\
 Data File : VN083484.D
 Acq On : 26 Aug 2024 16:09
 Operator : JC\MD
 Sample : P3716-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 27 01:58:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

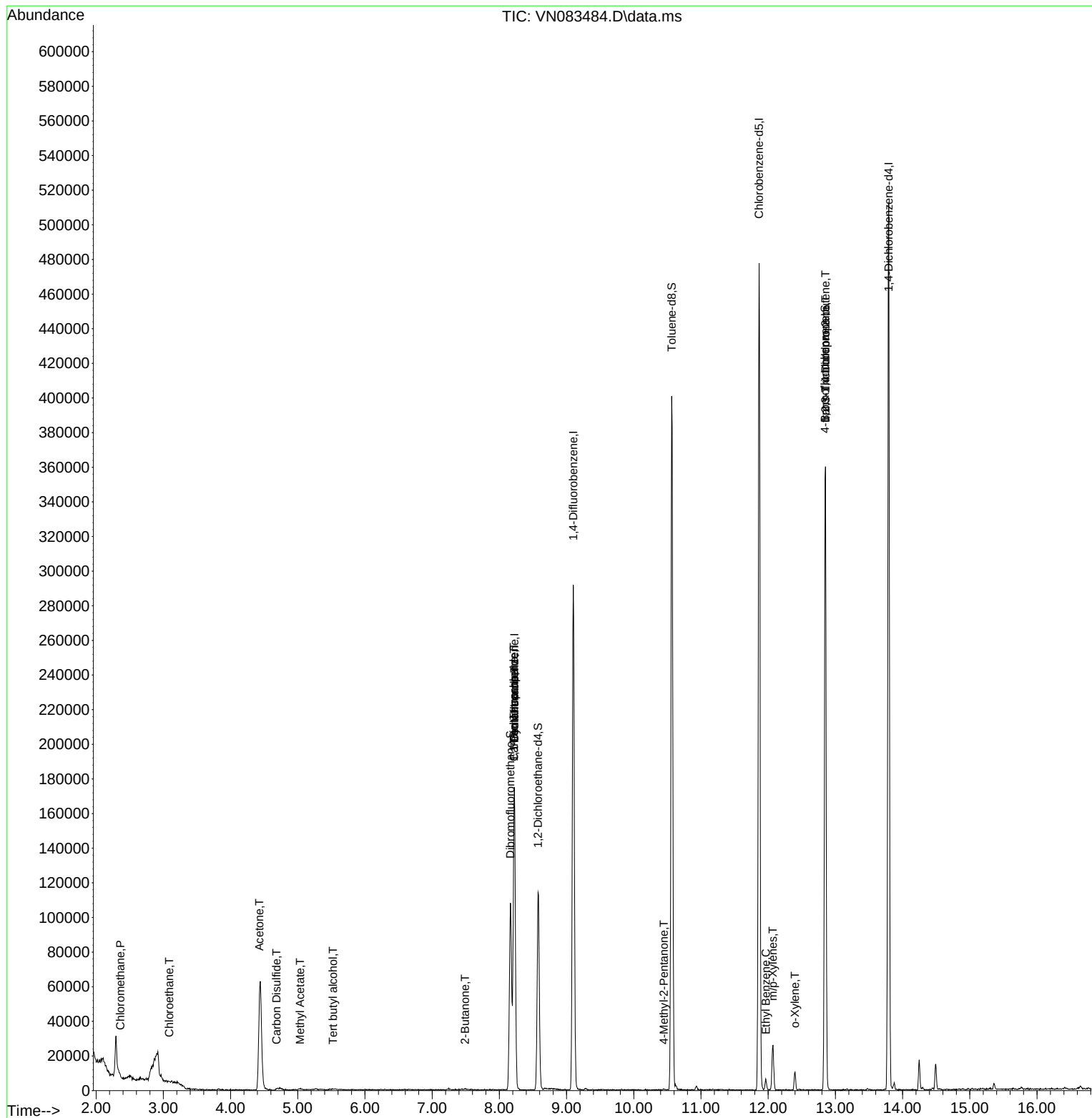
Internal Standards						
1) Pentafluorobenzene	8.224	168	121671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243333	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	97804	56.474	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.940%
35) Dibromofluoromethane	8.165	113	76377	50.287	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.580%
50) Toluene-d8	10.565	98	276058	48.725	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.847	95	128079	57.986	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	115.980%
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	661	0.468	ug/l	99
6) Chloroethane	3.089	64	409	0.454	ug/l #	41
11) Tert butyl alcohol	5.524	59	416	1.156	ug/l #	71
16) Acetone	4.430	43	8422	12.428	ug/l	97
17) Carbon Disulfide	4.683	76	905	0.229	ug/l #	75
18) Methyl Acetate	5.036	43	1493	0.739	ug/l #	64
25) 2-Butanone	7.488	43	1295	1.245	ug/l #	53
31) Cyclohexane	8.224	56	3259	1.270	ug/l #	35
36) 1,1-Dichloropropene	8.218	75	11055	4.812	ug/l #	48
38) Carbon Tetrachloride	8.218	117	13276	5.130	ug/l #	19
43) Isopropyl Acetate	8.694	43	961	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.447	43	779	0.320	ug/l #	39
67) Ethyl Benzene	11.965	91	5051	0.472	ug/l	97
68) m/p-Xylenes	12.070	106	8365	2.088	ug/l	99
69) o-Xylene	12.400	106	3064	0.775	ug/l	90
76) 1,2,3-Trichloropropane	12.853	75	72956	25.531	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	72956	55.536	ug/l #	6

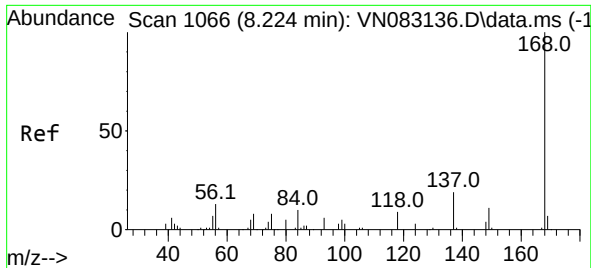
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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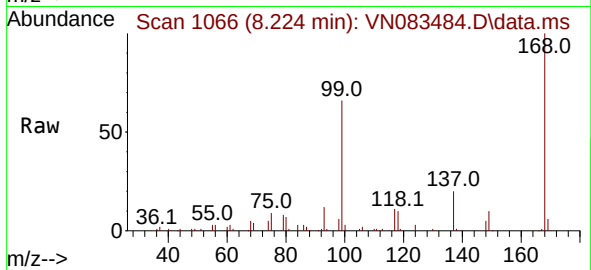
Quant Time: Aug 27 01:58:09 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 08 06:30:41 2024
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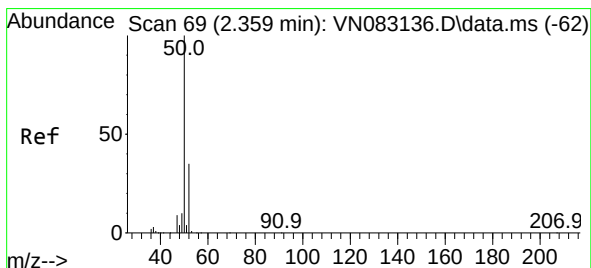
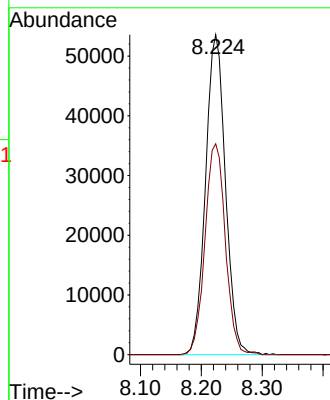
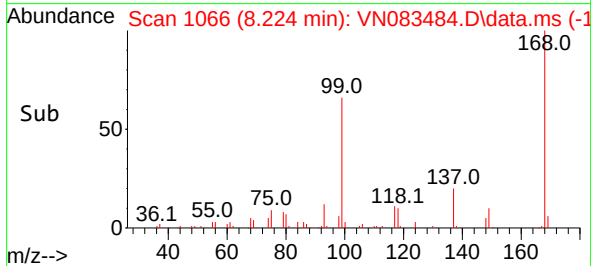


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

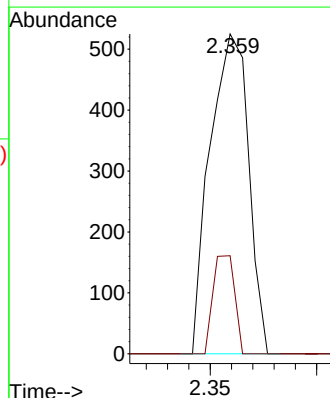
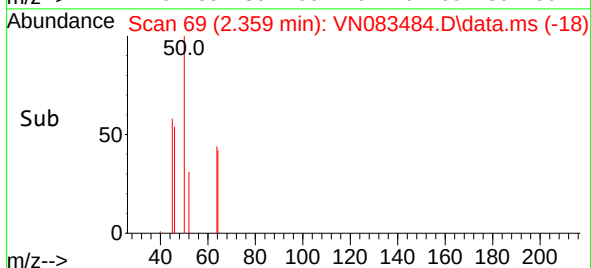
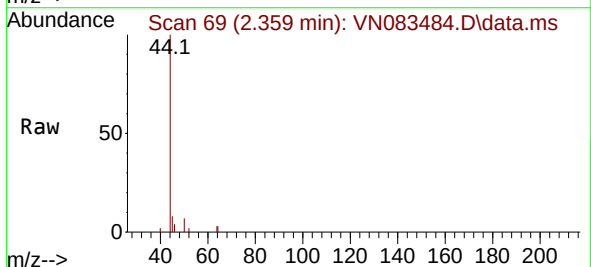


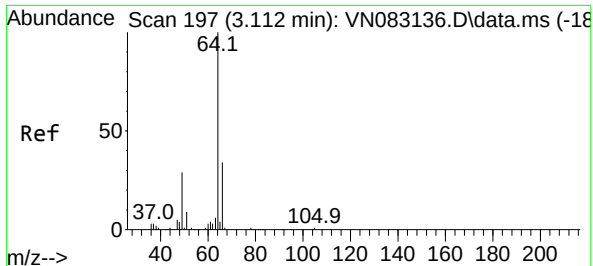
Tgt Ion:168 Resp: 121671
Ion Ratio Lower Upper
168 100
99 65.9 48.2 72.4



#3
Chloromethane
Concen: 0.468 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

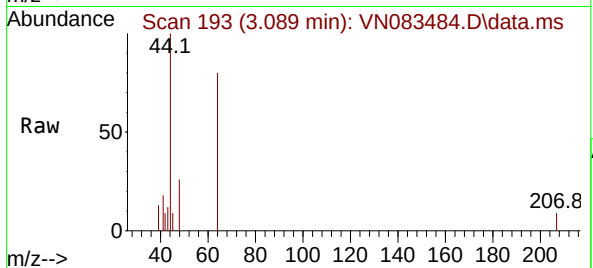
Tgt Ion: 50 Resp: 661
Ion Ratio Lower Upper
50 100
52 30.7 25.0 37.4



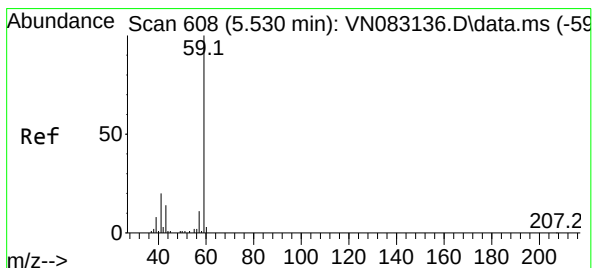
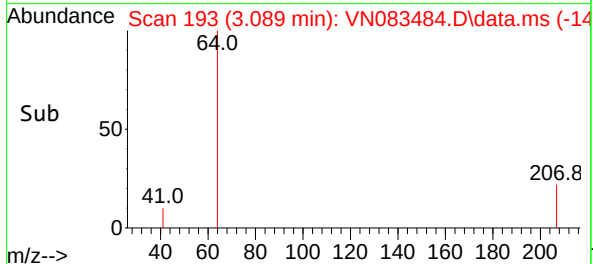
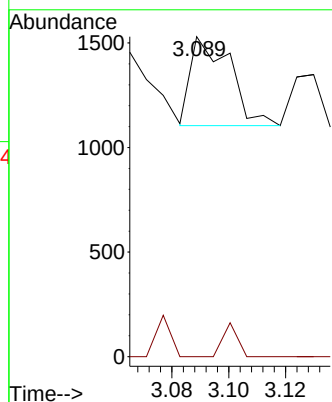


#6
Chloroethane
Concen: 0.454 ug/l
RT: 3.089 min Scan# 197
Delta R.T. -0.024 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

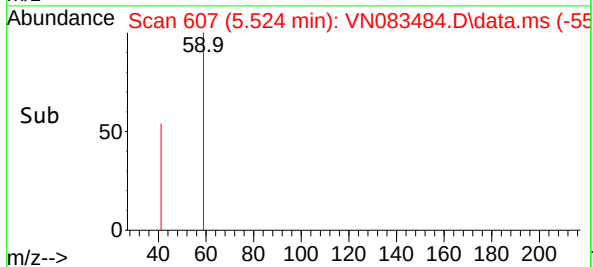
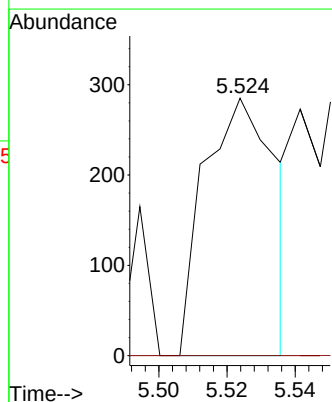
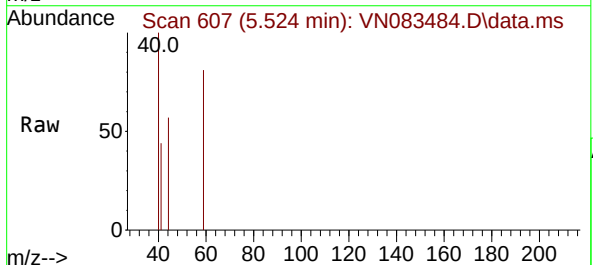


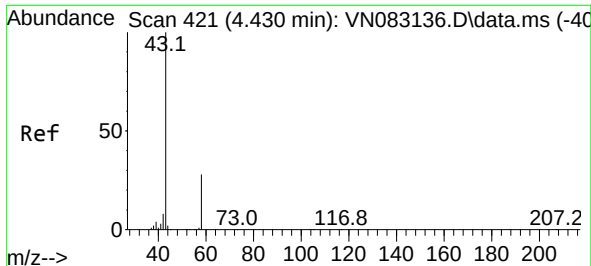
Tgt Ion: 64 Resp: 409
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 1.156 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

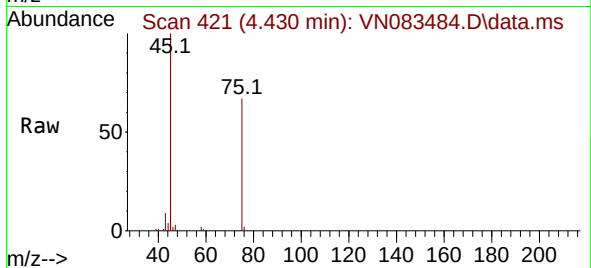
Tgt Ion: 59 Resp: 416
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



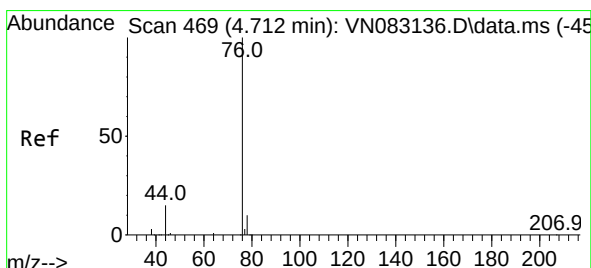
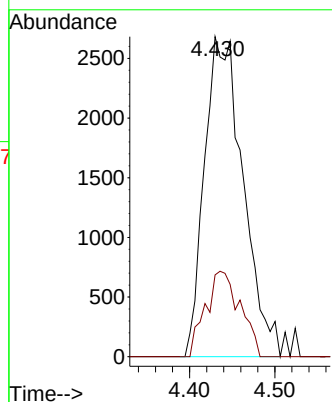
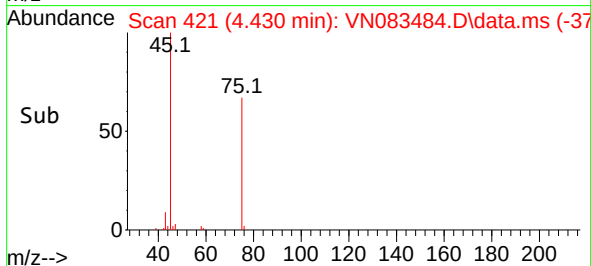


#16
Acetone
Concen: 12.428 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

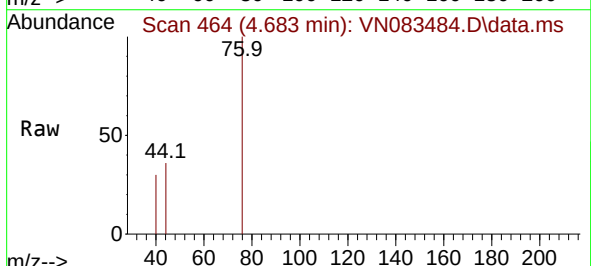
Instrument :
MSVOA_N
ClientSampleId :



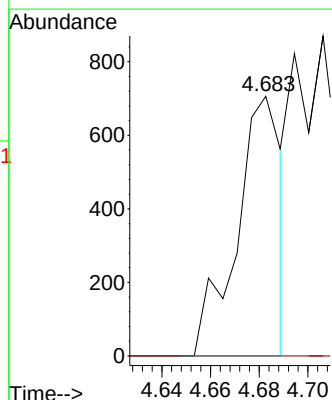
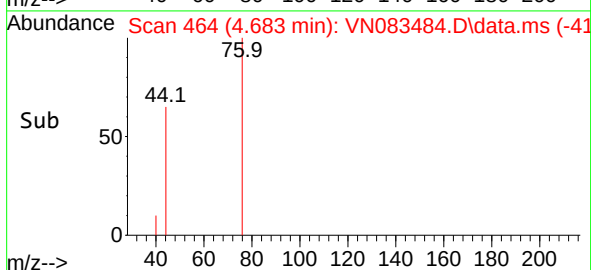
Tgt Ion: 43 Resp: 8422
Ion Ratio Lower Upper
43 100
58 25.6 21.8 32.6

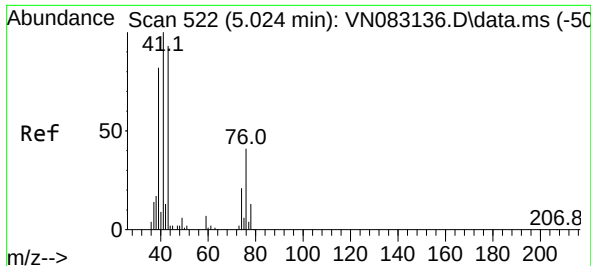


#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 4.683 min Scan# 464
Delta R.T. -0.029 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09



Tgt Ion: 76 Resp: 905
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





#18

Methyl Acetate

Concen: 0.739 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

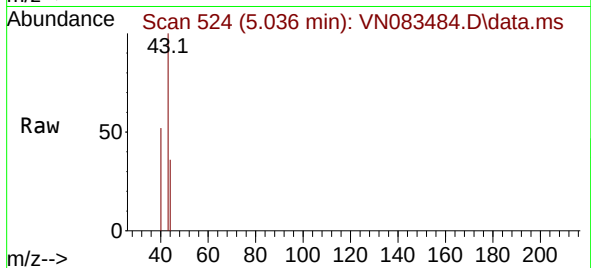
Lab File: VN083484.D

Acq: 26 Aug 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

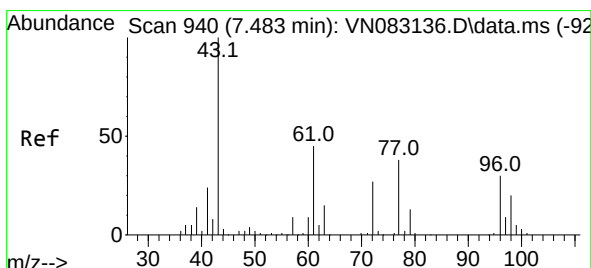
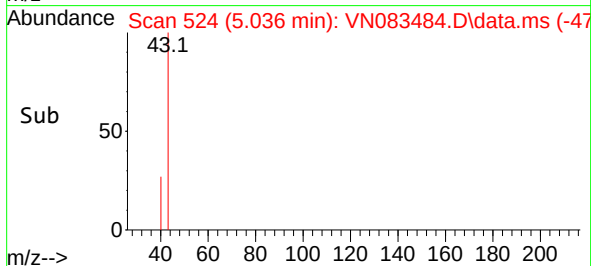
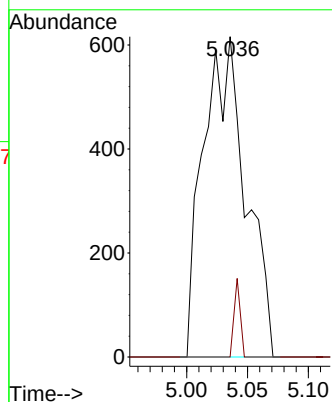


Tgt Ion: 43 Resp: 1493

Ion Ratio Lower Upper

43 100

74 3.5 16.3 24.5#



#25

2-Butanone

Concen: 1.245 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083484.D

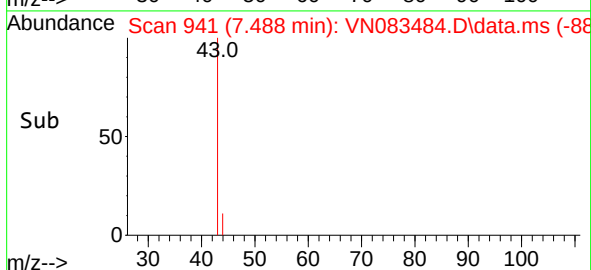
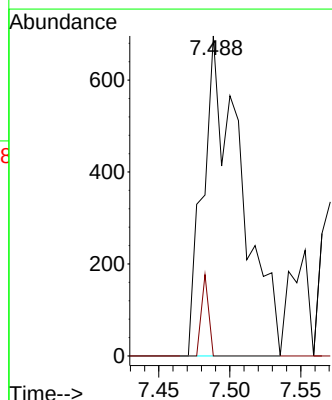
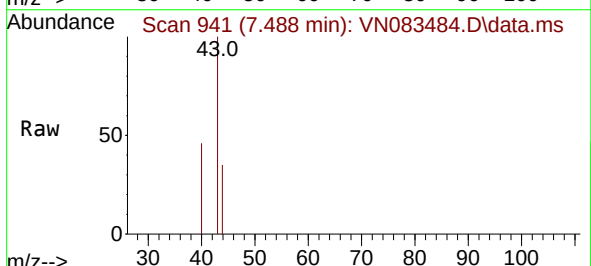
Acq: 26 Aug 2024 16:09

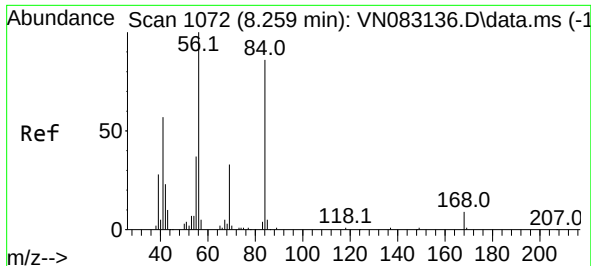
Tgt Ion: 43 Resp: 1295

Ion Ratio Lower Upper

43 100

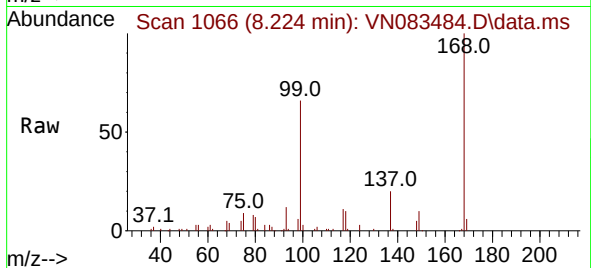
72 0.0 18.2 27.2#



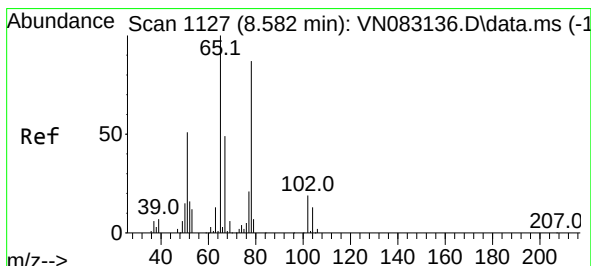
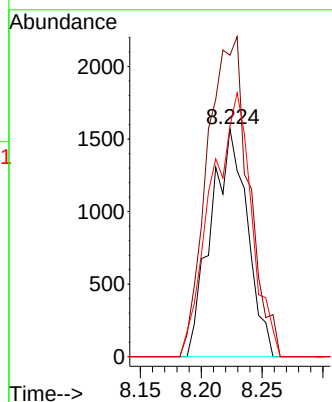
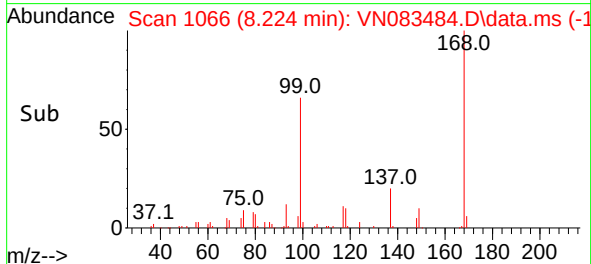


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

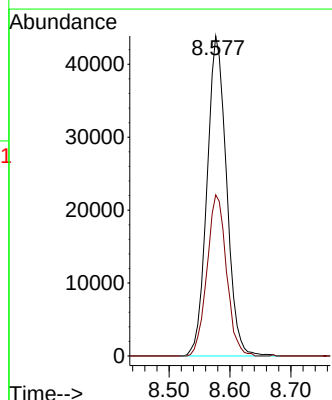
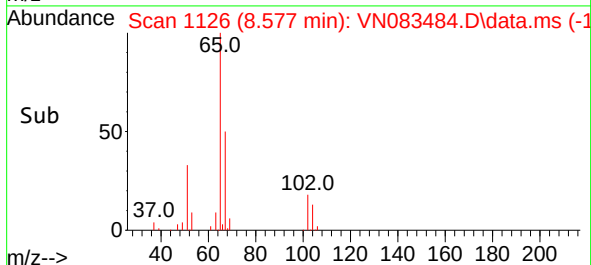
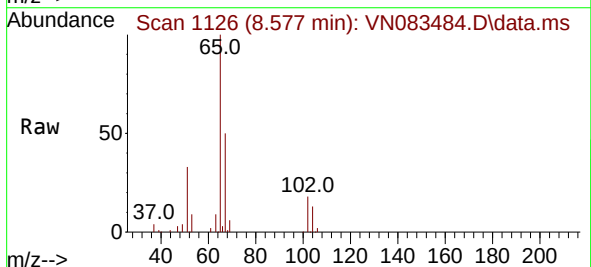


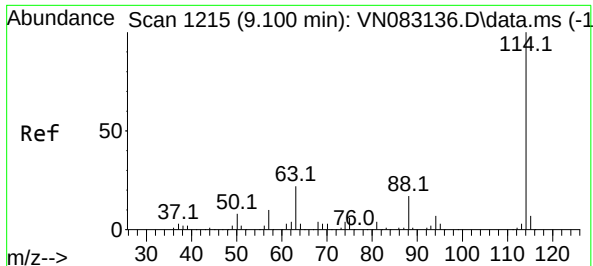
Tgt Ion: 56 Resp: 3259
Ion Ratio Lower Upper
56 100
69 132.3 24.5 36.7#
84 101.1 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.474 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

Tgt Ion: 65 Resp: 97804
Ion Ratio Lower Upper
65 100
67 50.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083484.D

Acq: 26 Aug 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :

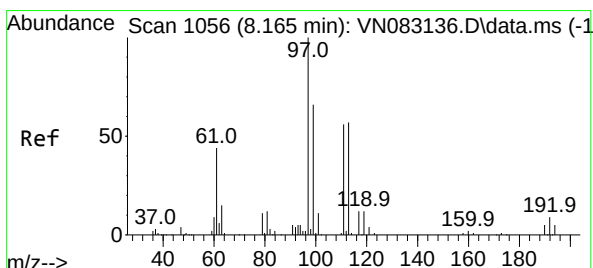
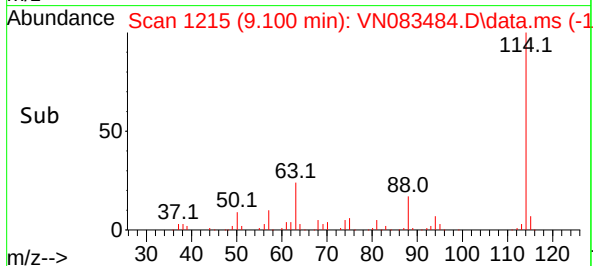
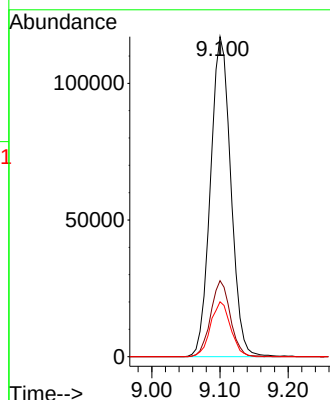
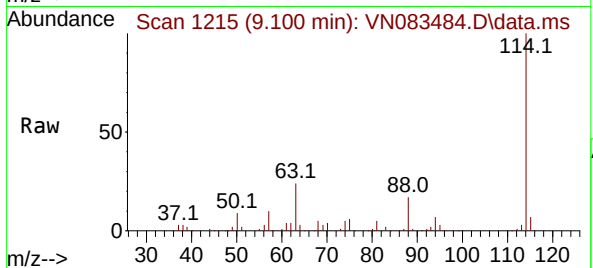
Tgt Ion:114 Resp: 243333

Ion Ratio Lower Upper

114 100

63 23.7 0.0 44.6

88 17.1 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.287 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083484.D

Acq: 26 Aug 2024 16:09

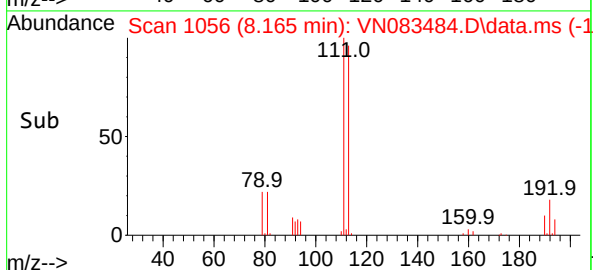
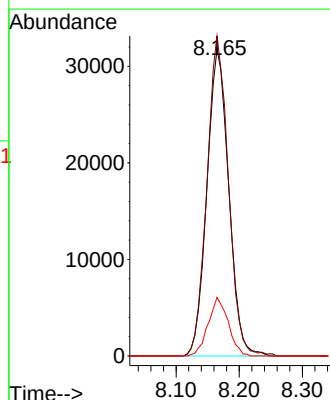
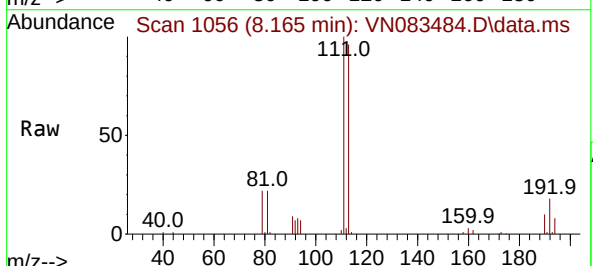
Tgt Ion:113 Resp: 76377

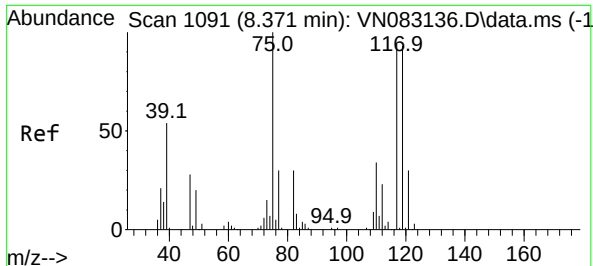
Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 17.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.812 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

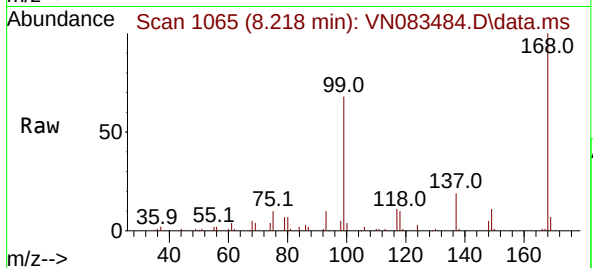
Lab File: VN083484.D

Acq: 26 Aug 2024 16:09

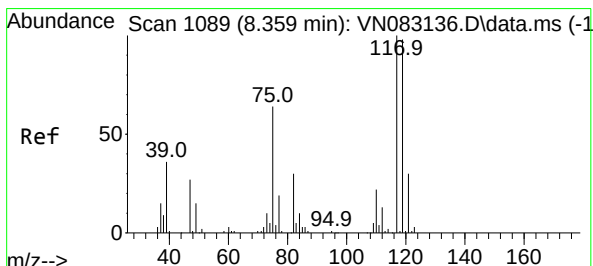
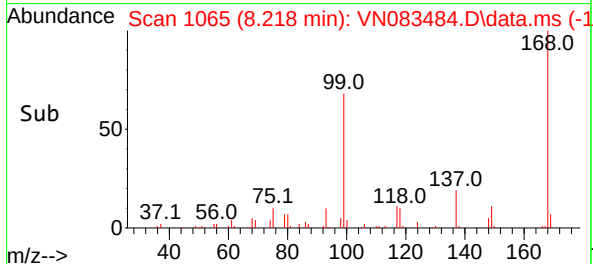
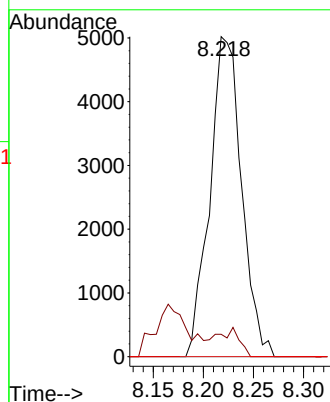
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 11055
Ion Ratio	Lower Upper
75	100
110	6.0 16.3 48.9#
77	0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 5.130 ug/l

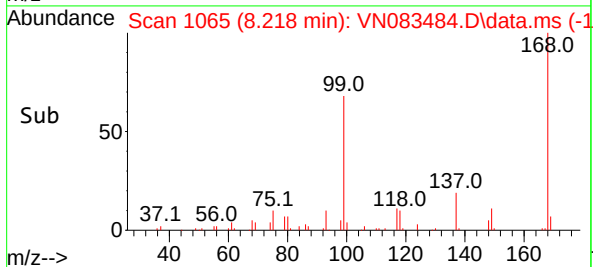
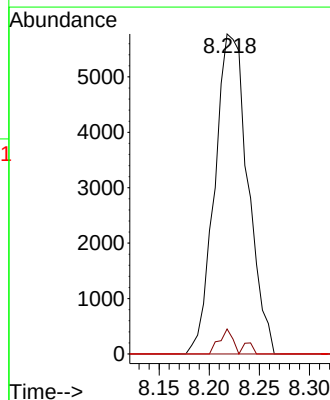
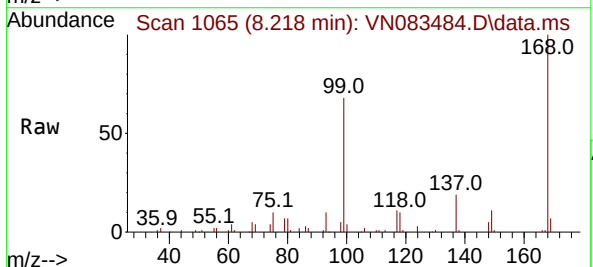
RT: 8.218 min Scan# 1065

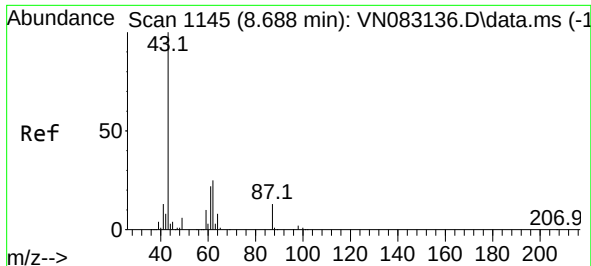
Delta R.T. -0.141 min

Lab File: VN083484.D

Acq: 26 Aug 2024 16:09

Tgt Ion: 117	Resp: 13276
Ion Ratio	Lower Upper
117	100
119	7.8 74.9 112.3#
121	0.0 24.3 36.5#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.694 min Scan# 1145

Delta R.T. 0.006 min

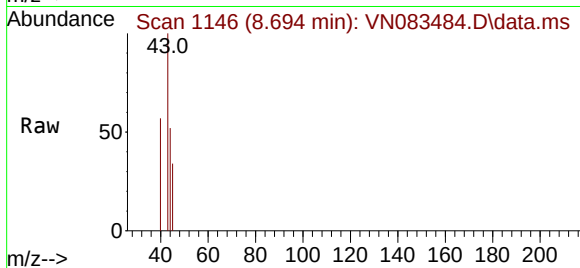
Lab File: VN083484.D

Acq: 26 Aug 2024 16:09

Instrument :

MSVOA_N

ClientSampleId :



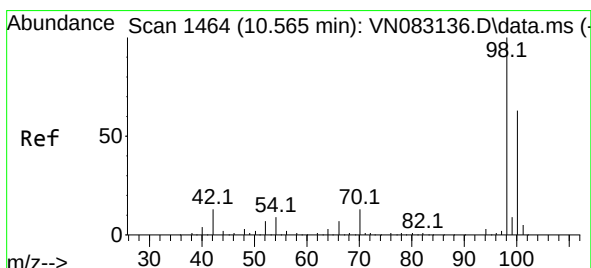
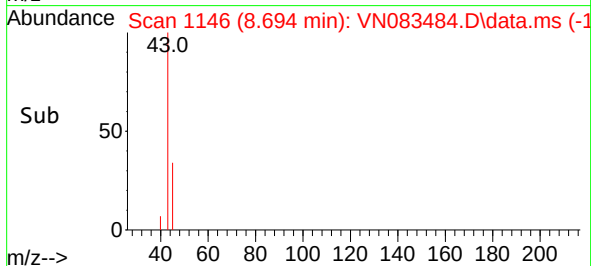
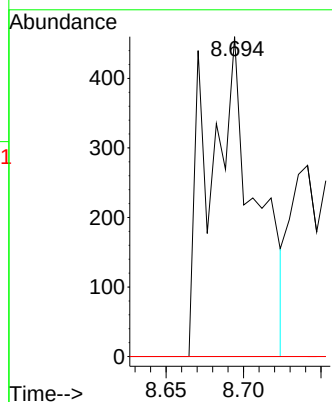
Tgt Ion: 43 Resp: 961

Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#



#50

Toluene-d8

Concen: 48.725 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083484.D

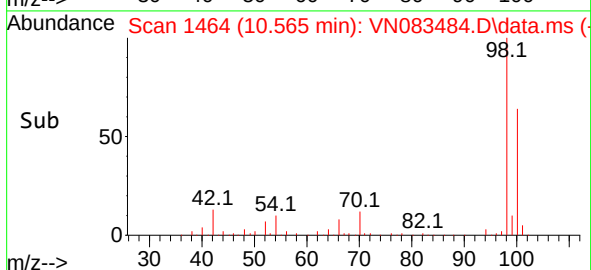
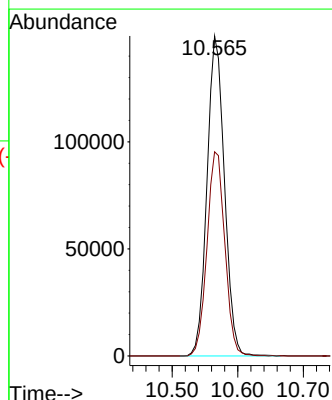
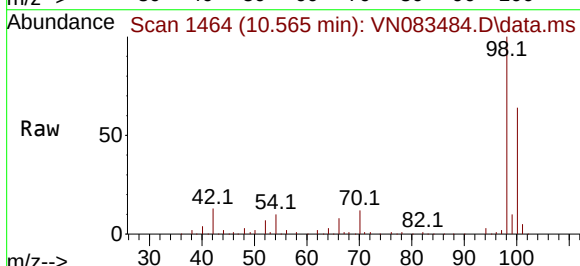
Acq: 26 Aug 2024 16:09

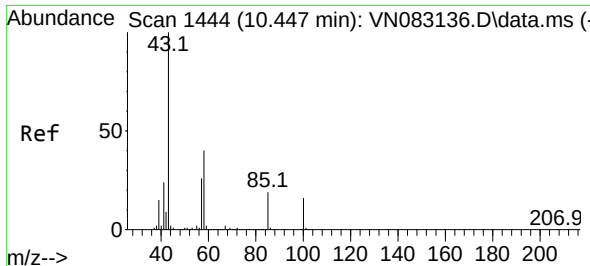
Tgt Ion: 98 Resp: 276058

Ion Ratio Lower Upper

98 100

100 65.2 51.5 77.3

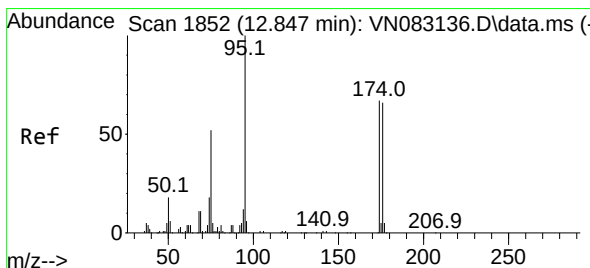
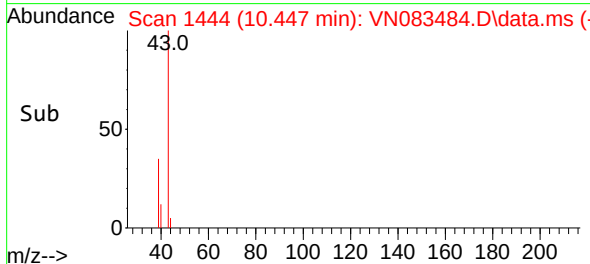
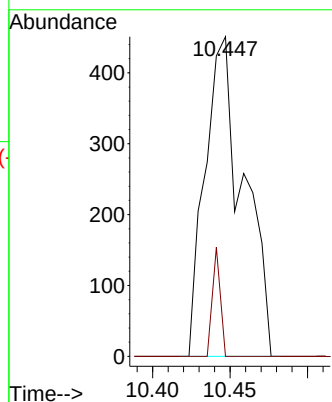
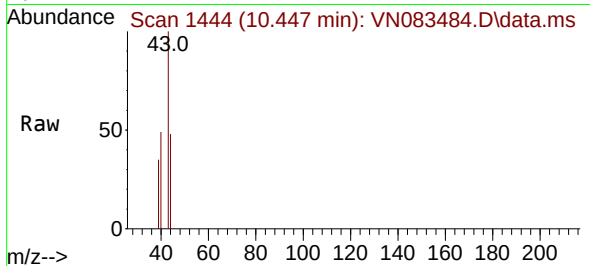




#51
4-Methyl-2-Pentanone
Concen: 0.320 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

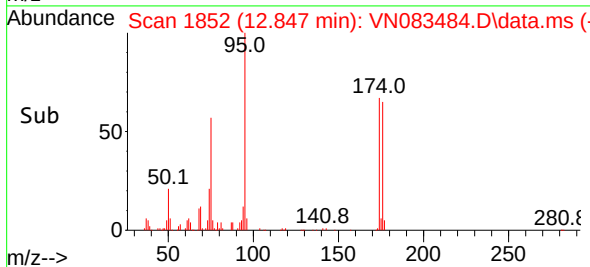
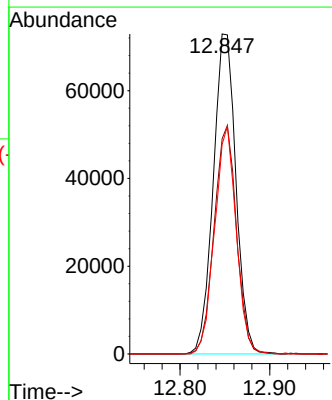
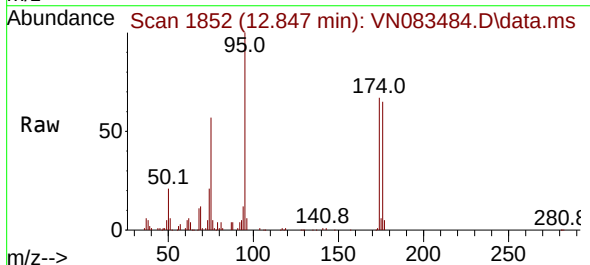
Instrument :
MSVOA_N
ClientSampleId :

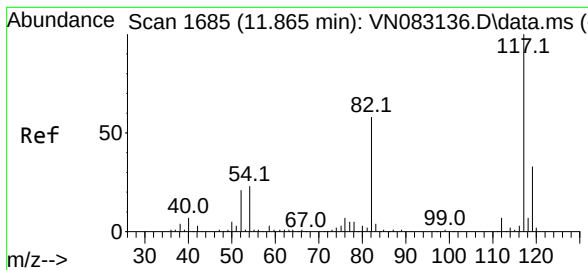
Tgt Ion: 43 Resp: 779
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 57.986 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

Tgt Ion: 95 Resp: 128079
Ion Ratio Lower Upper
95 100
174 70.3 0.0 159.2
176 67.6 0.0 147.6

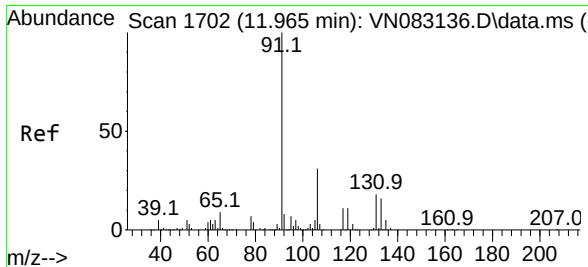
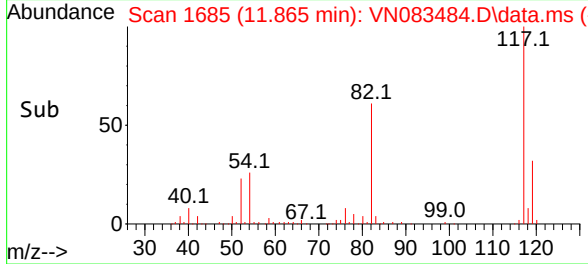
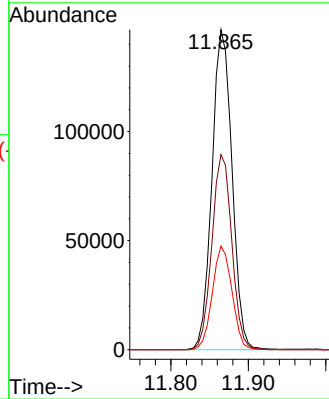
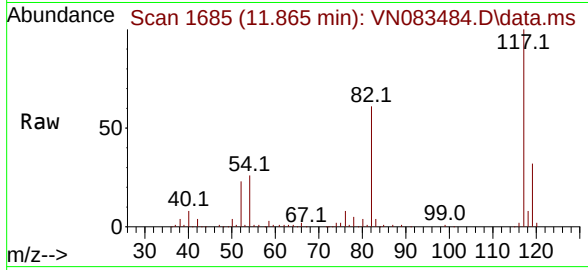




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

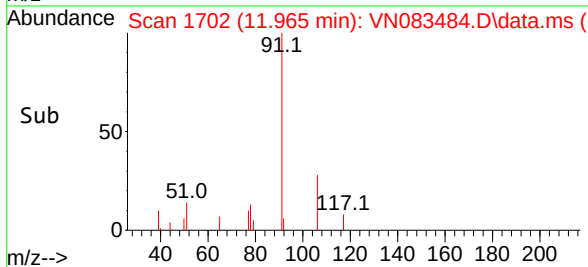
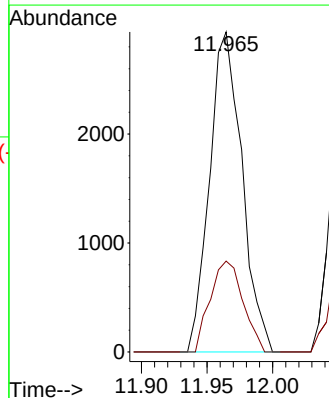
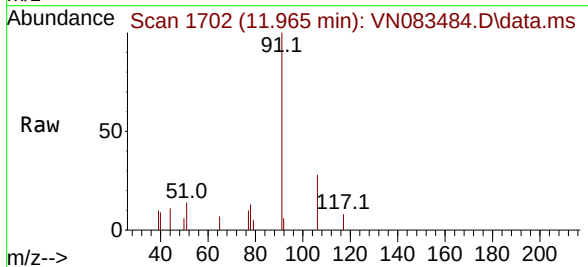
Instrument :
MSVOA_N
ClientSampleId :

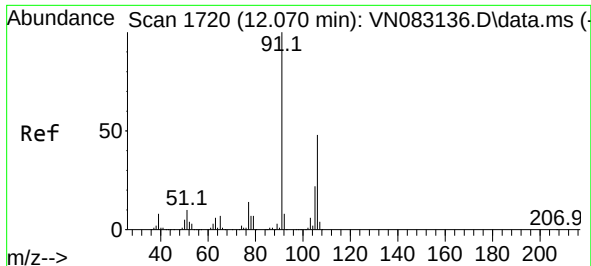
Tgt Ion:117 Resp: 263866
Ion Ratio Lower Upper
117 100
82 60.9 47.5 71.3
119 32.4 25.6 38.4



#67
Ethyl Benzene
Concen: 0.472 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

Tgt Ion: 91 Resp: 5051
Ion Ratio Lower Upper
91 100
106 28.4 24.0 36.0

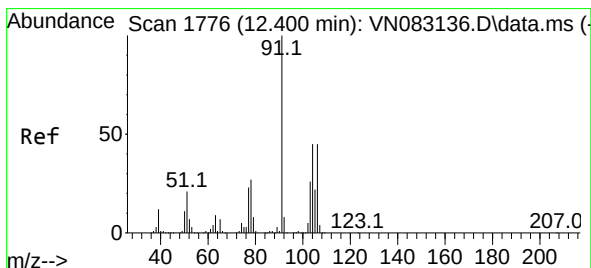
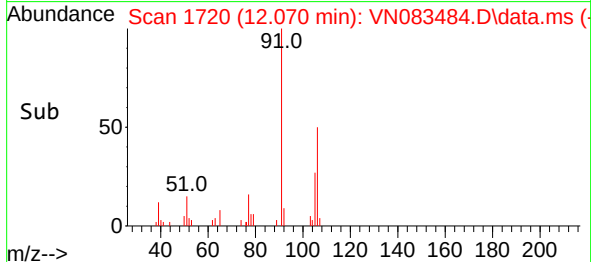
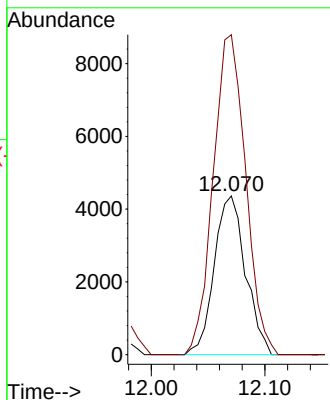
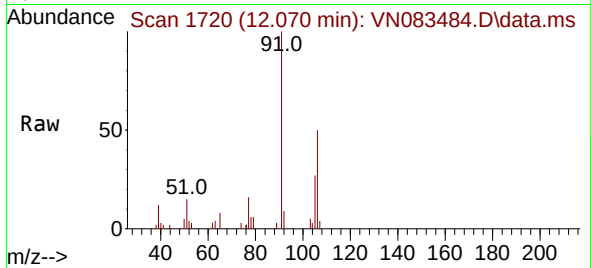




#68
m/p-Xylenes
Concen: 2.088 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

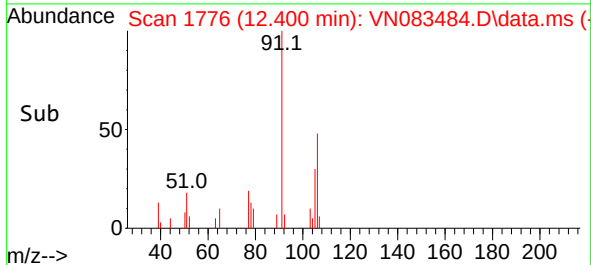
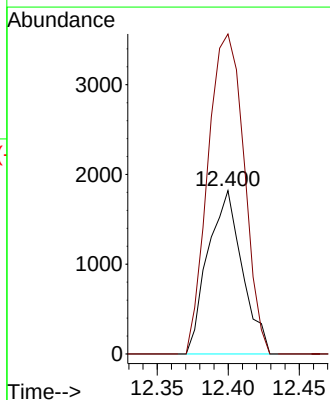
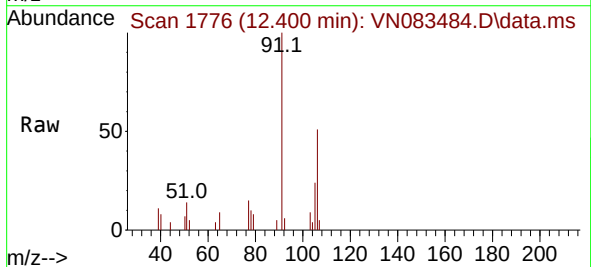
Instrument :
MSVOA_N
ClientSampleId :

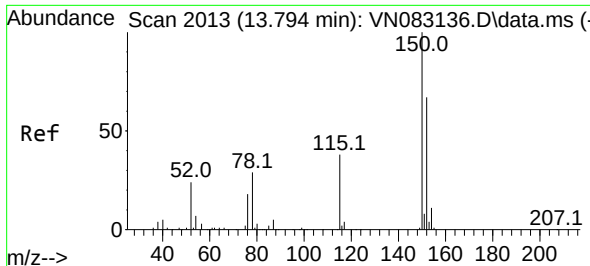
Tgt Ion:106 Resp: 8365
Ion Ratio Lower Upper
106 100
91 208.7 166.1 249.1



#69
o-Xylene
Concen: 0.775 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

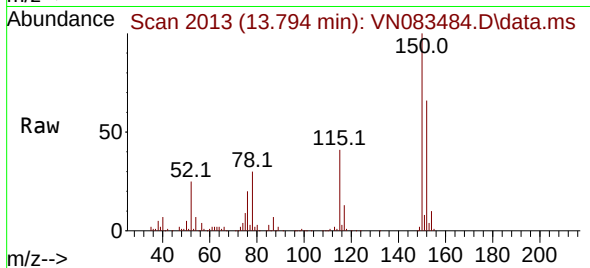
Tgt Ion:106 Resp: 3064
Ion Ratio Lower Upper
106 100
91 206.3 111.3 333.9



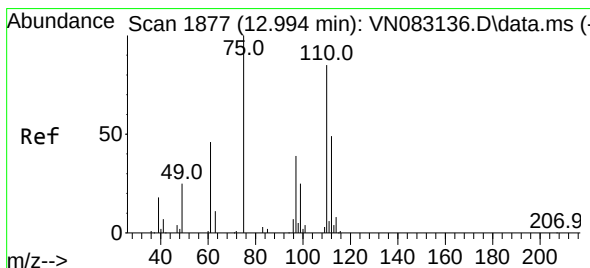
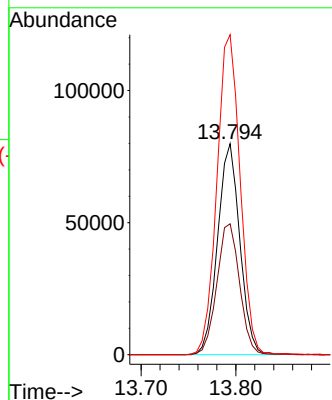
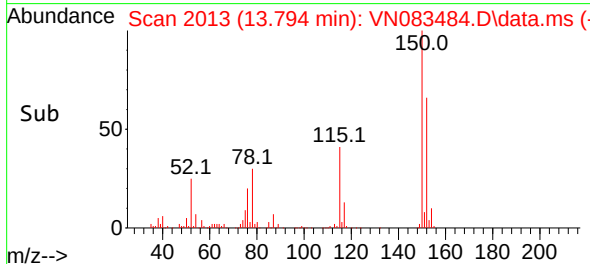


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

Instrument :
MSVOA_N
ClientSampleId :

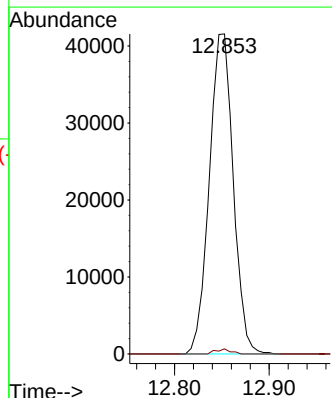
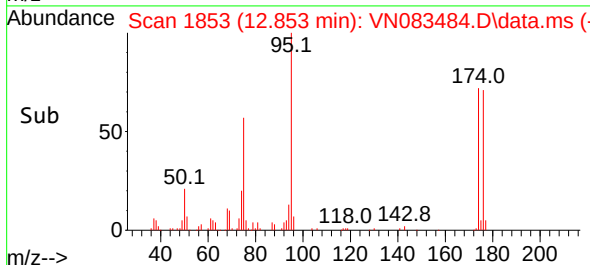
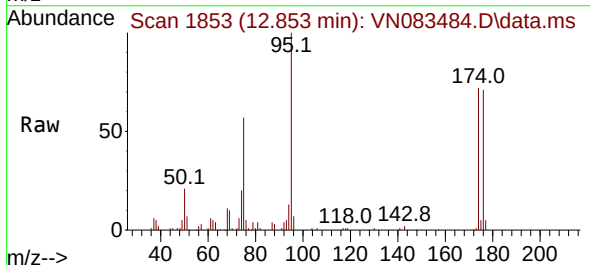


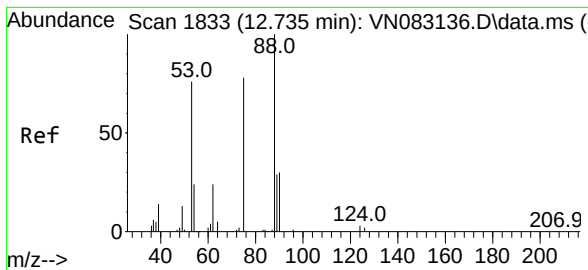
Tgt Ion:152 Resp: 130200
Ion Ratio Lower Upper
152 100
115 63.6 30.6 91.6
150 158.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 25.531 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN083484.D
Acq: 26 Aug 2024 16:09

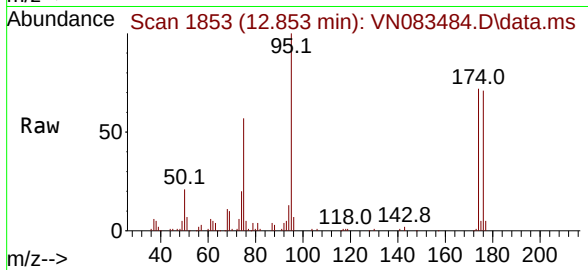
Tgt Ion: 75 Resp: 72956
Ion Ratio Lower Upper
75 100
77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.536 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN083484.D
 Acq: 26 Aug 2024 16:09

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 72956
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

