

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084795.D
 Acq On : 12 Nov 2024 14:49
 Operator : JC\MD
 Sample : P4722-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 12 23:36:41 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)

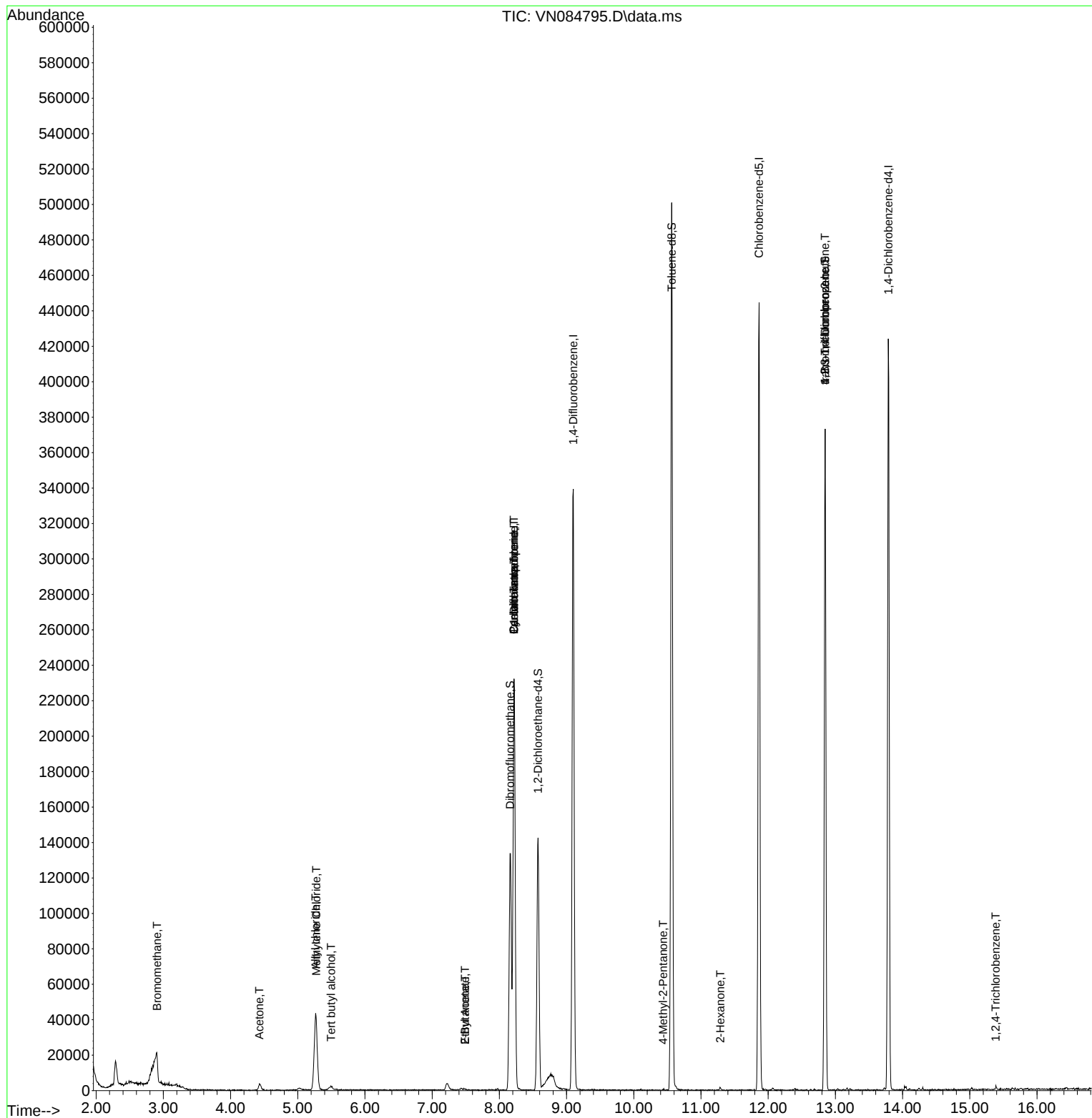
Internal Standards						
1) Pentafluorobenzene	8.218	168	169323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	299544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	260615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	116877	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119643	48.922	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.840%
35) Dibromofluoromethane	8.159	113	97508	48.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.180%
50) Toluene-d8	10.565	98	343184	45.949	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.900%
62) 4-Bromofluorobenzene	12.847	95	130574	46.778	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.560%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	603	Below Cal	#	41
5) Bromomethane	2.906	94	314	0.283	ug/l #	4
6) Chloroethane	3.130	64	169	Below Cal	#	45
11) Tert butyl alcohol	5.494	59	2084	6.456	ug/l #	73
14) Allyl chloride	5.265	41	998	0.319	ug/l #	21
16) Acetone	4.430	43	6191	5.979	ug/l #	73
18) Methyl Acetate	5.024	43	2752	Below Cal	#	58
20) Methylene Chloride	5.277	84	34203	15.901	ug/l	90
25) 2-Butanone	7.488	43	1074	0.941	ug/l #	48
31) Cyclohexane	8.218	56	3663	1.085	ug/l #	22
36) 1,1-Dichloropropene	8.218	75	13314	4.735	ug/l #	49
37) Ethyl Acetate	7.488	43	1074	0.421	ug/l #	76
38) Carbon Tetrachloride	8.218	117	18260	5.810	ug/l #	15
51) 4-Methyl-2-Pentanone	10.435	43	533	0.219	ug/l #	71
59) 2-Hexanone	11.288	43	938	0.530	ug/l #	24
76) 1,2,3-Trichloropropane	12.847	75	67364	28.833	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67364	68.404	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	908	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	15.388	180	503	0.223	ug/l #	84

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

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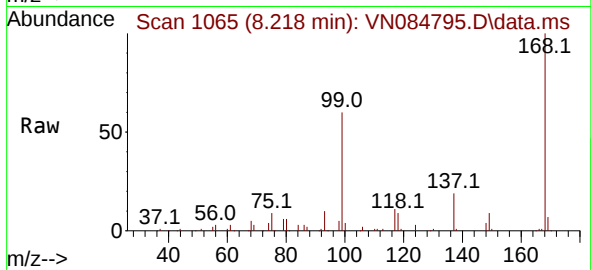
Quant Time: Nov 12 23:36:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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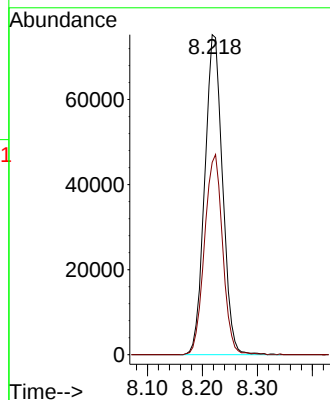
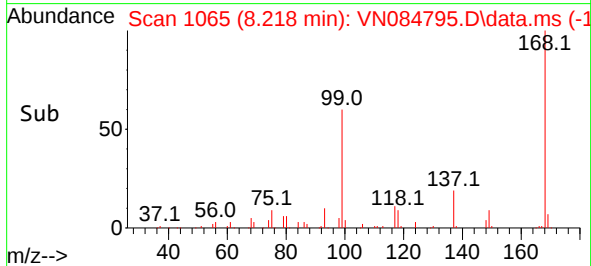


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Instrument :
MSVOA_N
ClientSampleId :

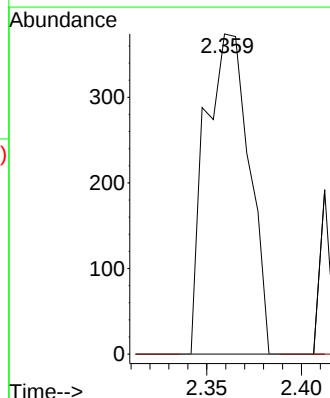
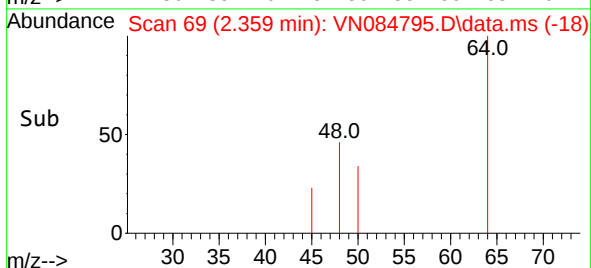
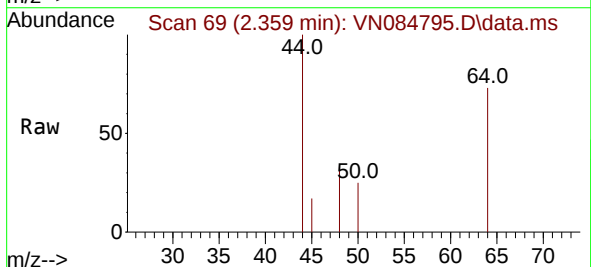


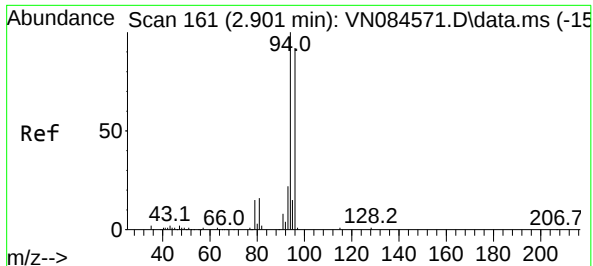
Tgt Ion:168 Resp: 169323
Ion Ratio Lower Upper
168 100
99 60.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Tgt Ion: 50 Resp: 603
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

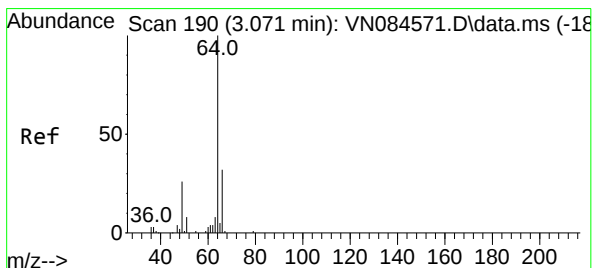
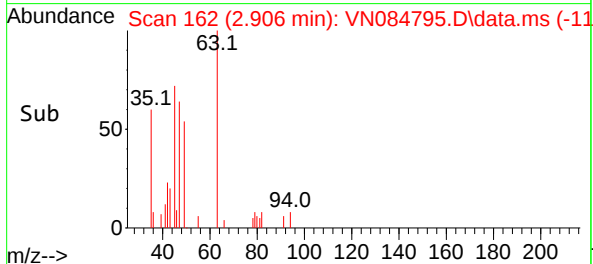
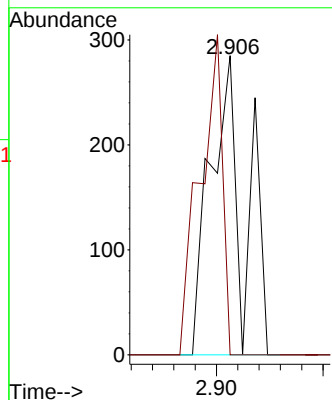
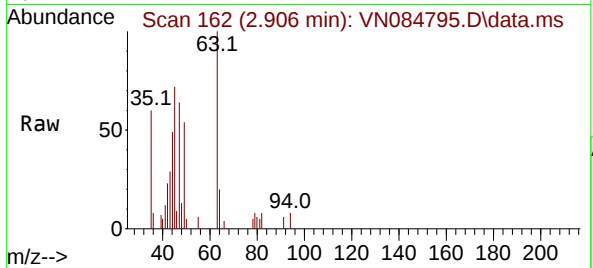




#5
Bromomethane
Concen: 0.283 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

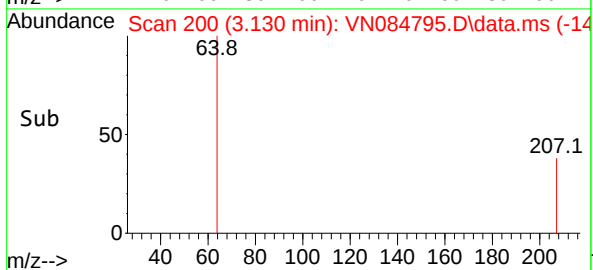
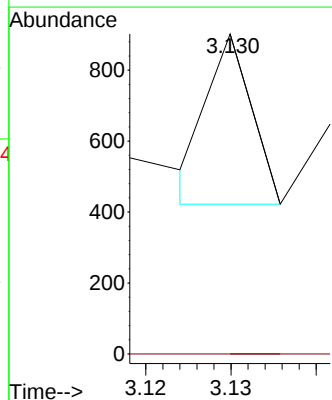
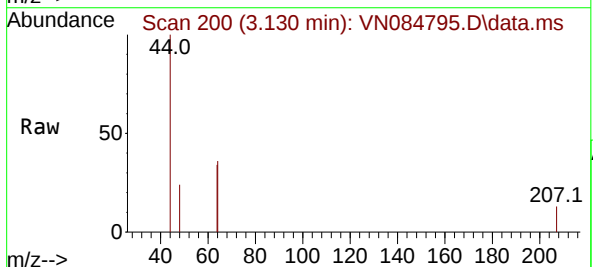
Instrument :
MSVOA_N
ClientSampleId :

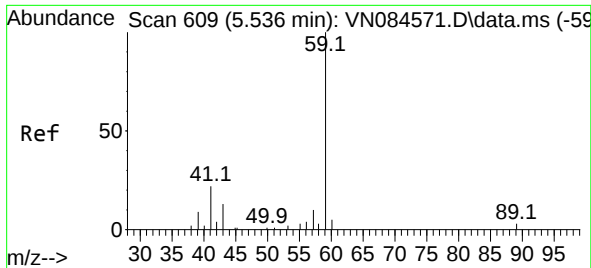
Tgt Ion: 94 Resp: 314
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

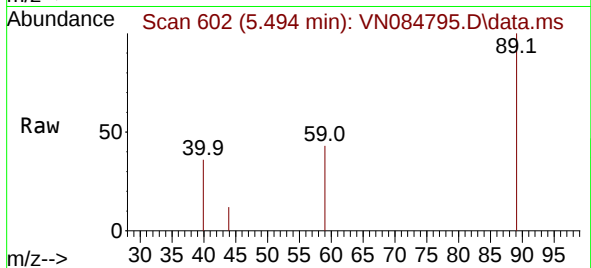
Tgt Ion: 64 Resp: 169
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



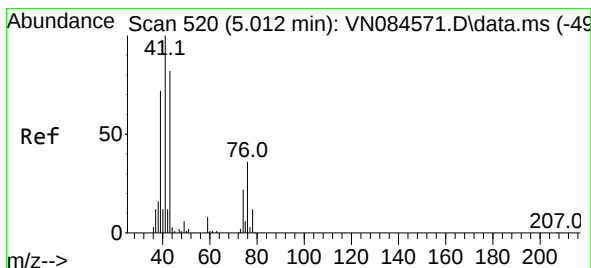
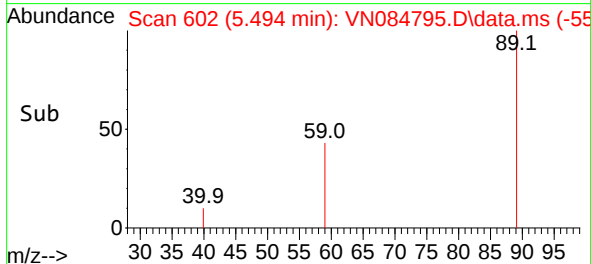
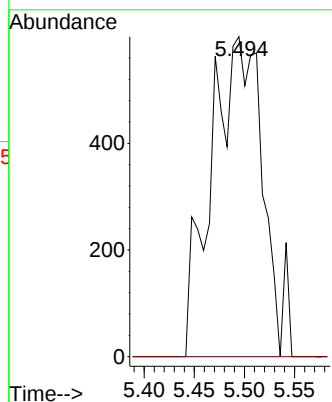


#11
Tert butyl alcohol
Concen: 6.456 ug/l
RT: 5.494 min Scan# 609
Delta R.T. -0.029 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Instrument :
MSVOA_N
ClientSampleId :

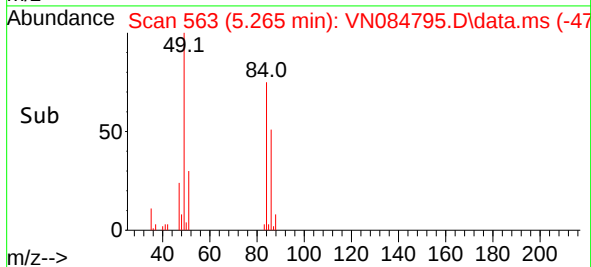
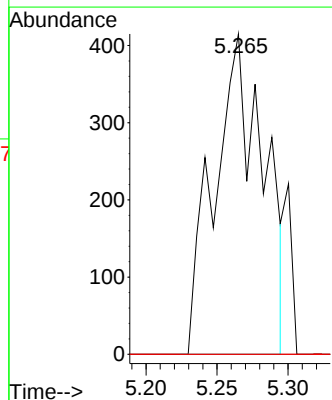
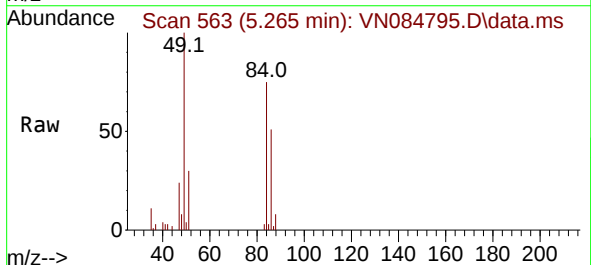


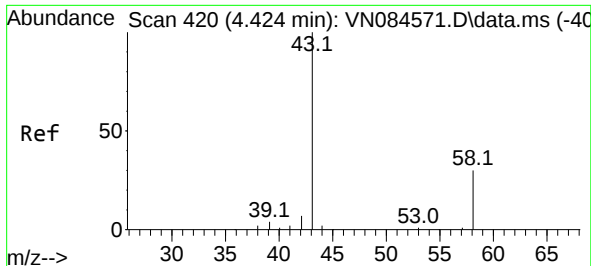
Tgt Ion: 59 Resp: 2084
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#14
Allyl chloride
Concen: 0.319 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.241 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Tgt Ion: 41 Resp: 998
Ion Ratio Lower Upper
41 100
39 0.0 59.0 88.6#
76 0.0 29.8 44.6#

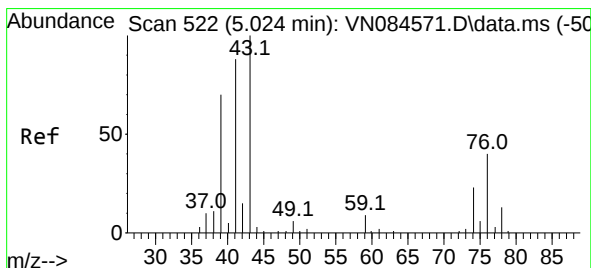
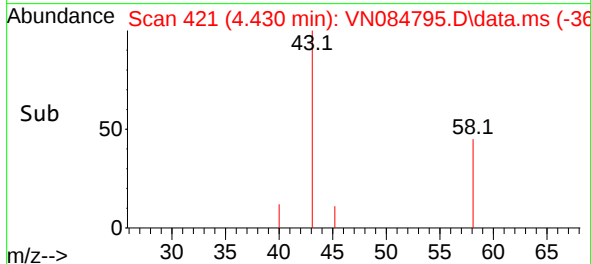
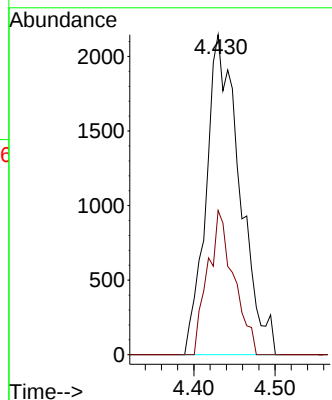
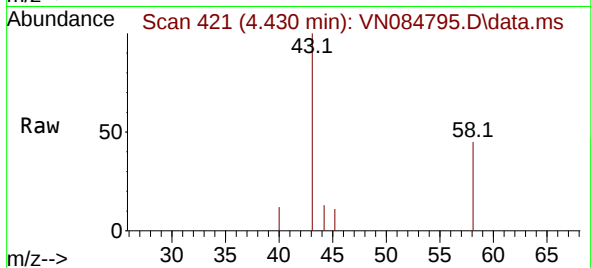




#16
Acetone
Concen: 5.979 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

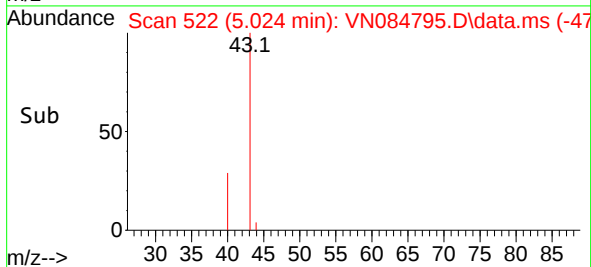
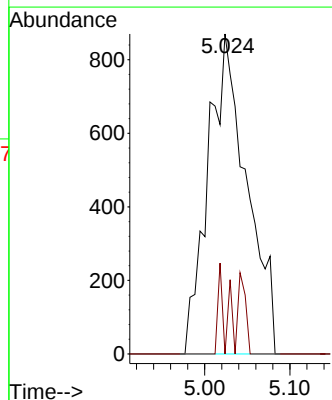
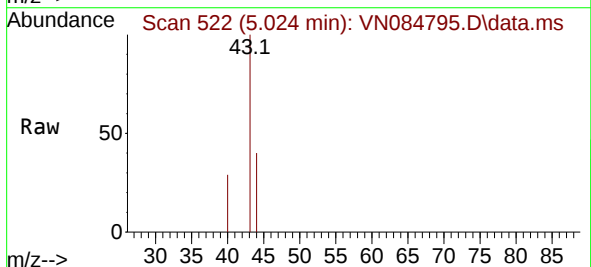
Instrument :
MSVOA_N
ClientSampleId :

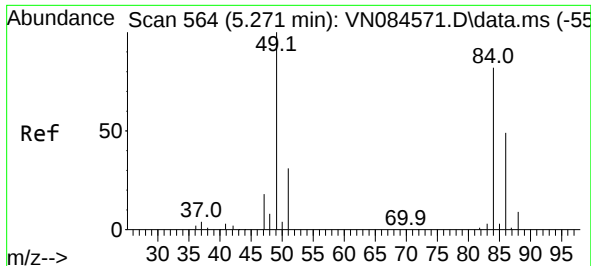
Tgt Ion: 43 Resp: 6191
Ion Ratio Lower Upper
43 100
58 45.1 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

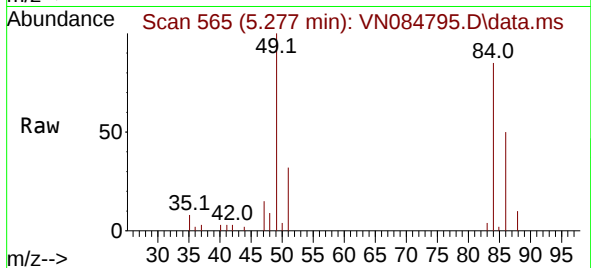
Tgt Ion: 43 Resp: 2752
Ion Ratio Lower Upper
43 100
74 3.2 19.2 28.8#



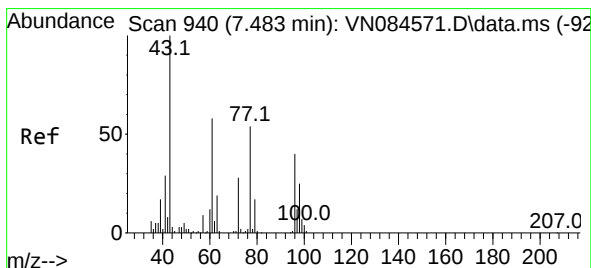
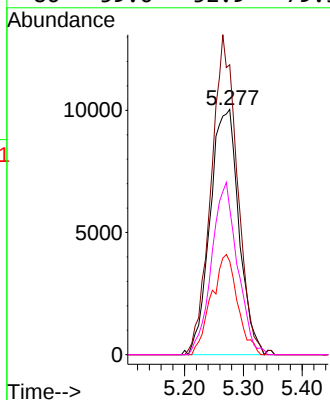


#20
Methylene Chloride
Concen: 15.901 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Instrument :
MSVOA_N
ClientSampleId :

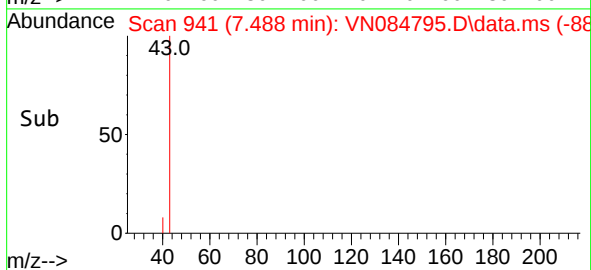
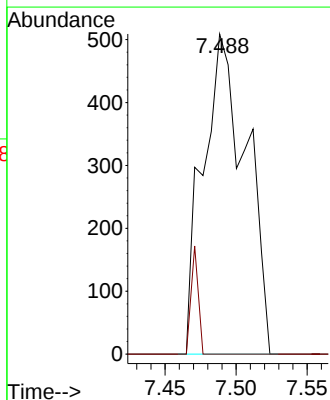
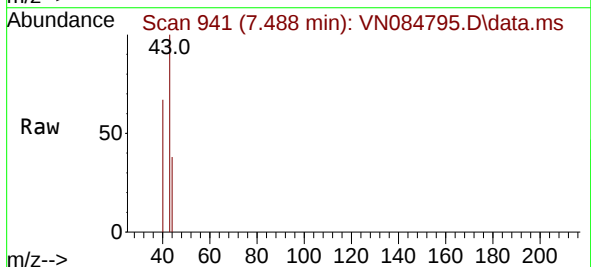


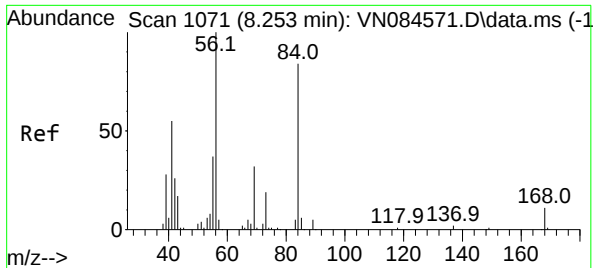
Tgt Ion:	84	Resp:	34203
Ion	Ratio	Lower	Upper
84	100		
49	118.2	107.2	160.8
51	38.1	31.8	47.8
86	59.6	52.9	79.3



#25
2-Butanone
Concen: 0.941 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Tgt Ion:	43	Resp:	1074
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.4	32.2#





#31

Cyclohexane

Concen: 1.085 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.035 min

Lab File: VN084795.D

Acq: 12 Nov 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

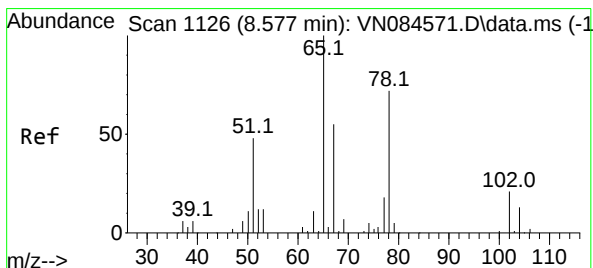
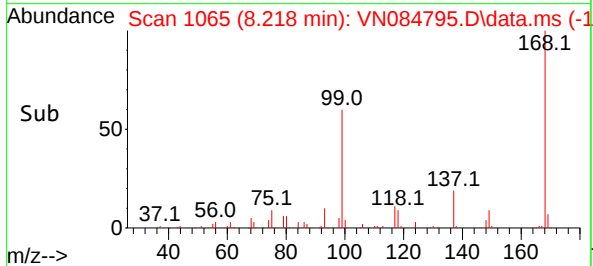
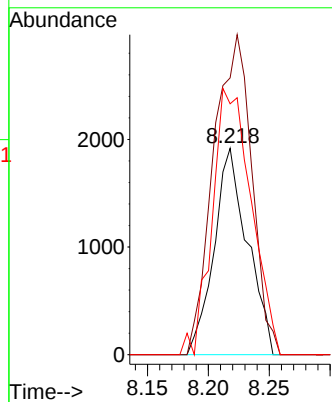
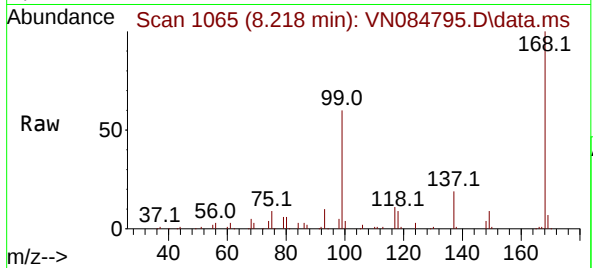
Tgt Ion: 56 Resp: 3663

Ion Ratio Lower Upper

56 100

69 134.0 23.8 35.6#

84 121.5 68.8 103.2#



#33

1,2-Dichloroethane-d4

Concen: 48.922 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084795.D

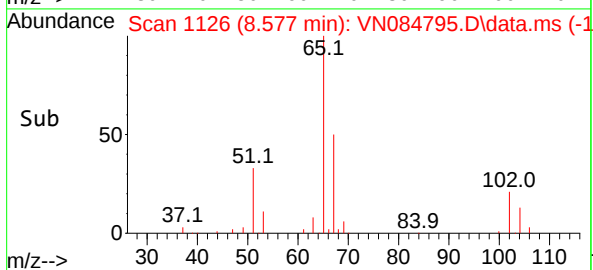
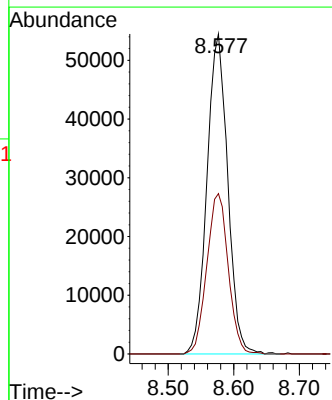
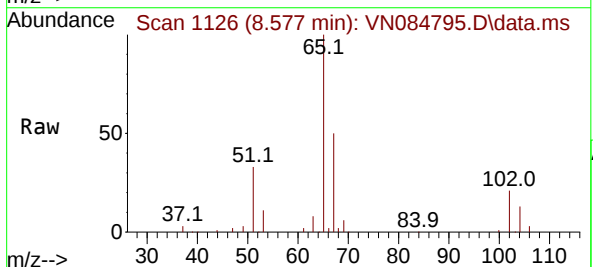
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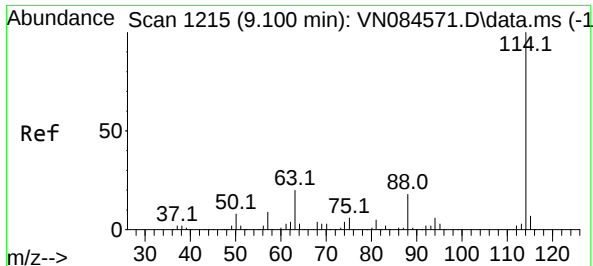
Tgt Ion: 65 Resp: 119643

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084795.D

Acq: 12 Nov 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

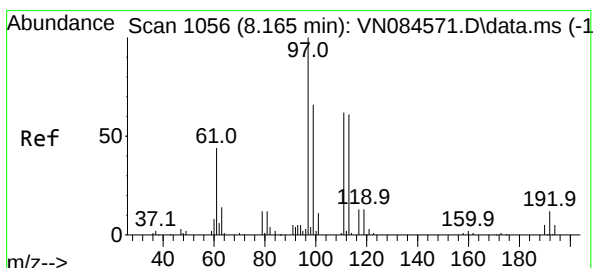
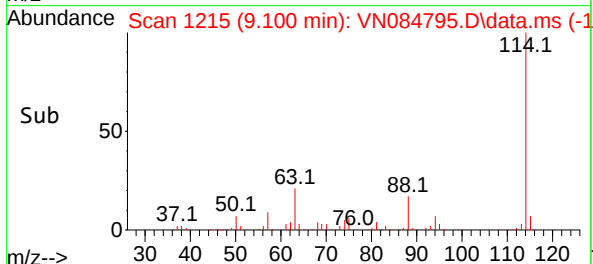
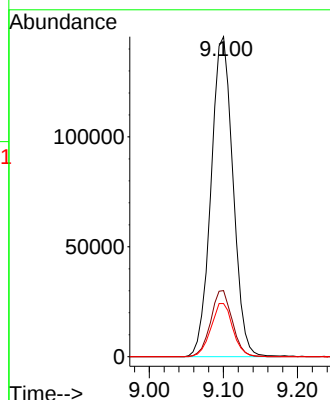
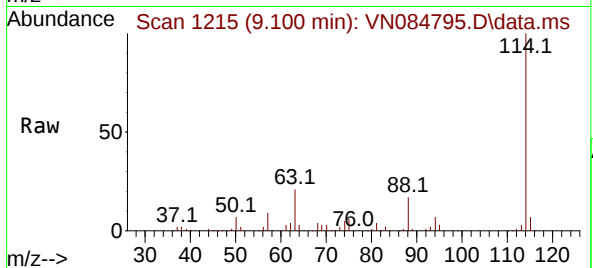
Tgt Ion:114 Resp: 299544

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.091 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084795.D

Acq: 12 Nov 2024 14:49

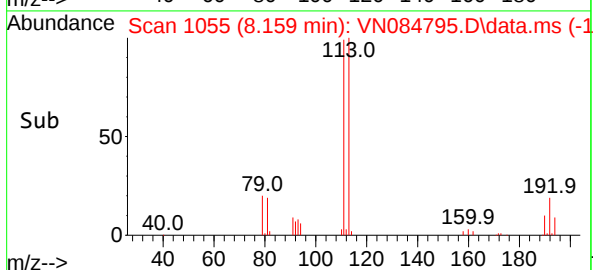
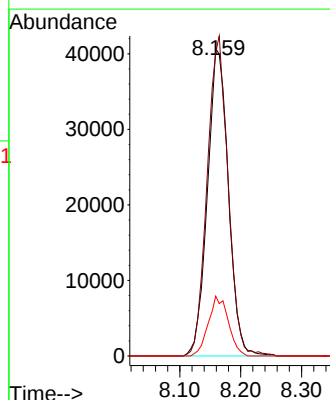
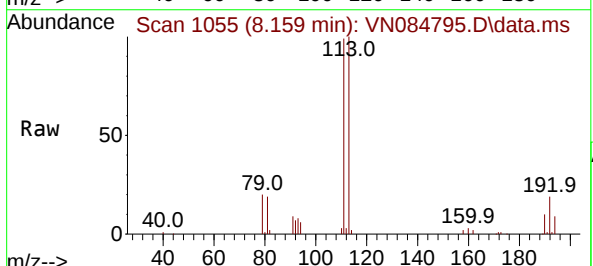
Tgt Ion:113 Resp: 97508

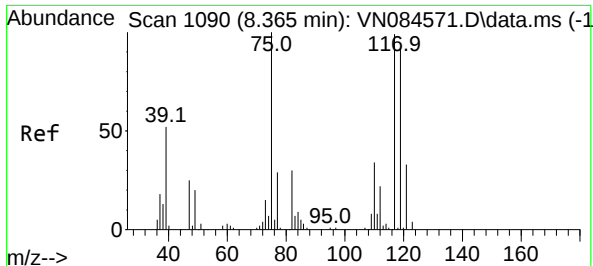
Ion Ratio Lower Upper

113 100

111 103.7 83.3 124.9

192 18.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.735 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.153 min

Lab File: VN084795.D

Acq: 12 Nov 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :

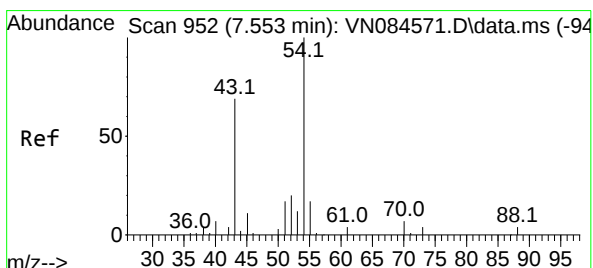
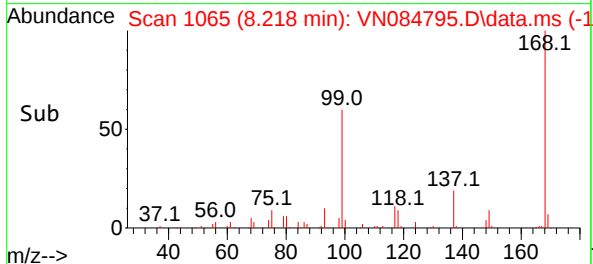
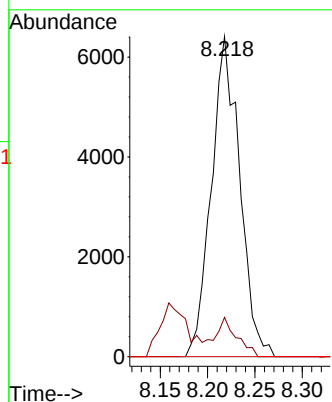
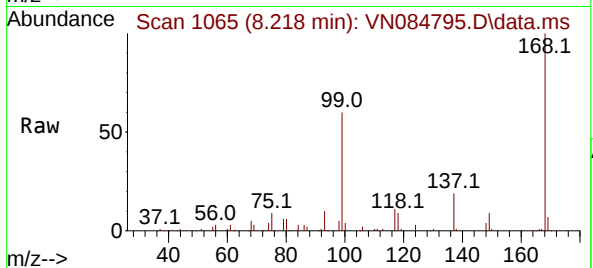
Tgt Ion: 75 Resp: 13314

Ion Ratio Lower Upper

75 100

110 7.8 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.421 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.071 min

Lab File: VN084795.D

Acq: 12 Nov 2024 14:49

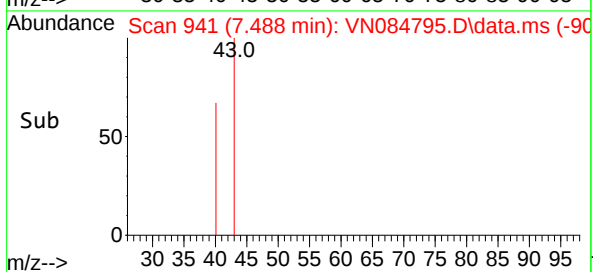
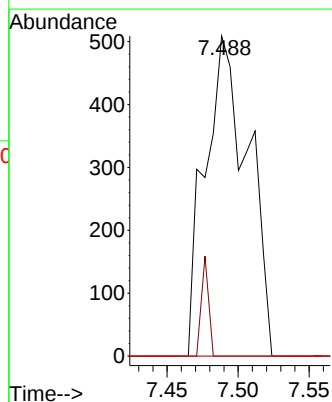
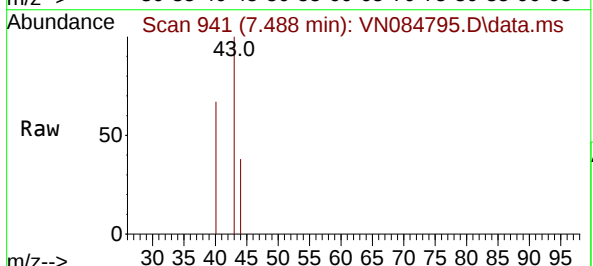
Tgt Ion: 43 Resp: 1074

Ion Ratio Lower Upper

43 100

61 5.2 10.7 16.1#

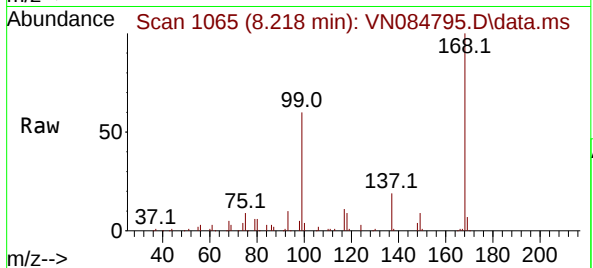
70 0.0 8.8 13.2#



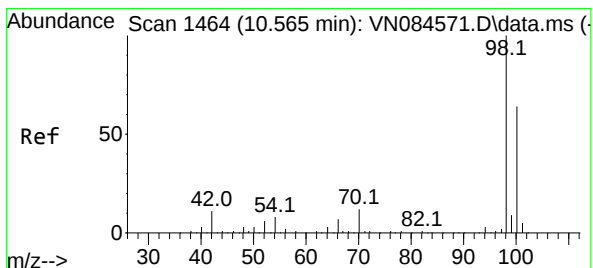
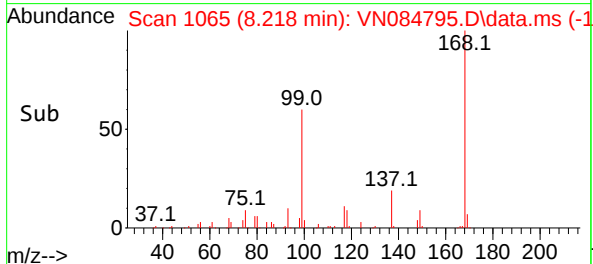
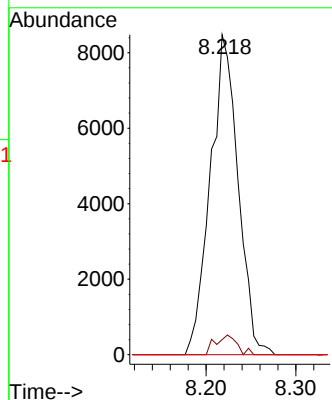


#38
Carbon Tetrachloride
Concen: 5.810 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Instrument :
MSVOA_N
ClientSampleId :

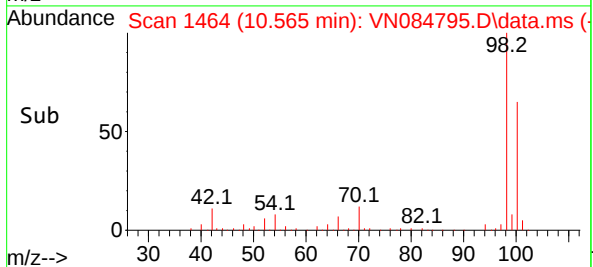
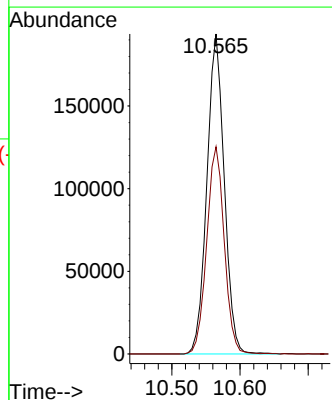
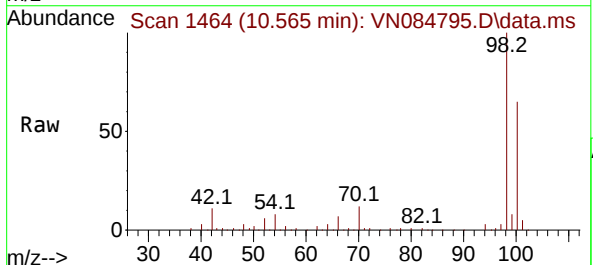


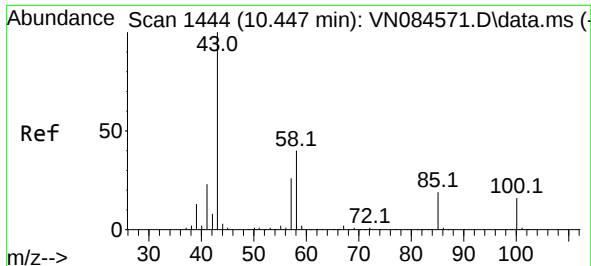
Tgt Ion:117 Resp: 18260
Ion Ratio Lower Upper
117 100
119 4.7 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 45.949 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Tgt Ion: 98 Resp: 343184
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

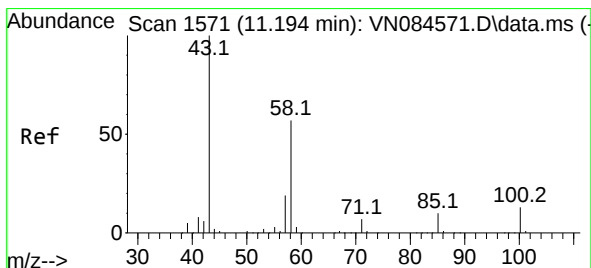
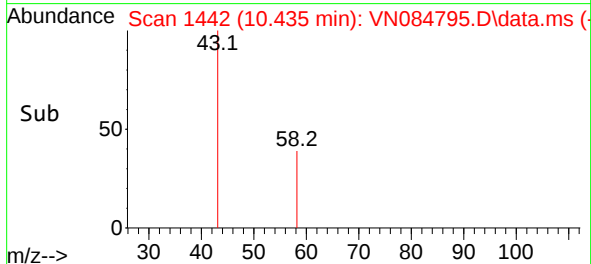
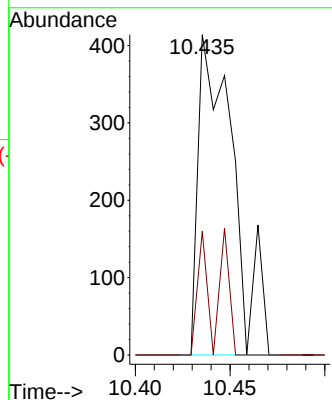
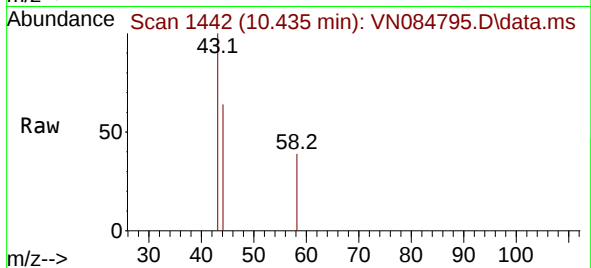




#51
4-Methyl-2-Pentanone
Concen: 0.219 ug/l
RT: 10.435 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

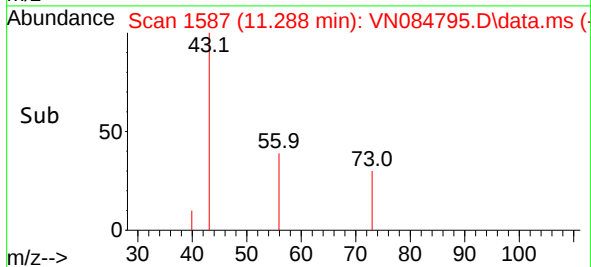
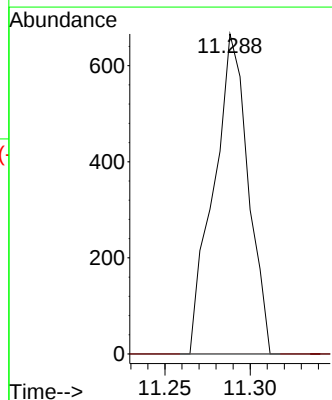
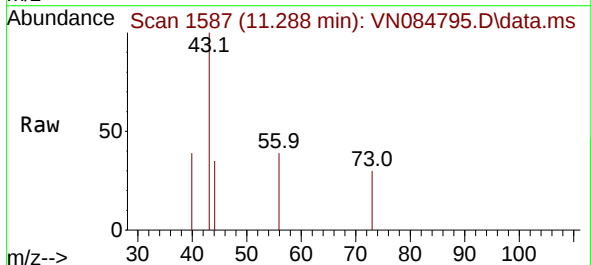
Instrument :
MSVOA_N
ClientSampleId :

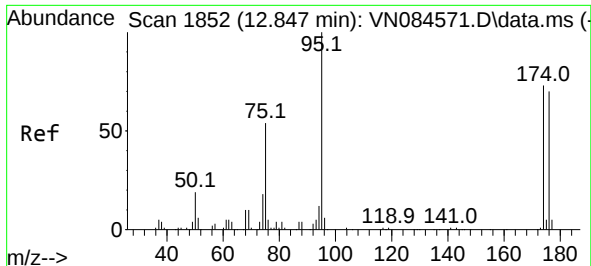
Tgt Ion: 43 Resp: 533
Ion Ratio Lower Upper
43 100
58 21.4 31.6 47.4#



#59
2-Hexanone
Concen: 0.530 ug/l
RT: 11.288 min Scan# 1587
Delta R.T. 0.094 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#

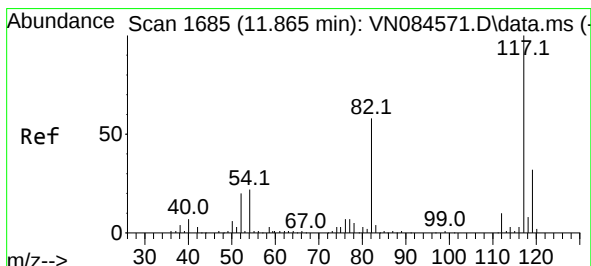
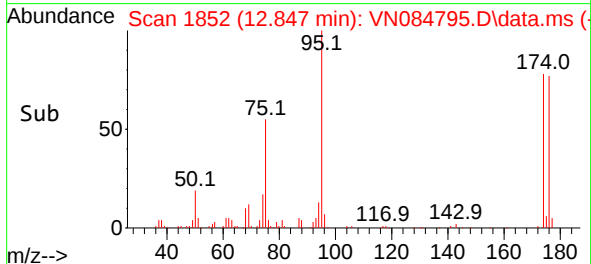
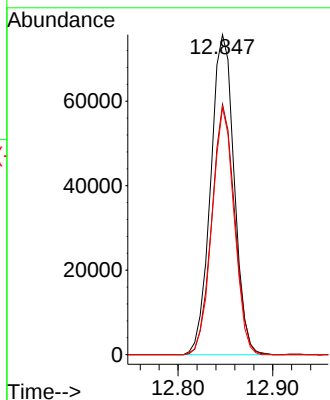
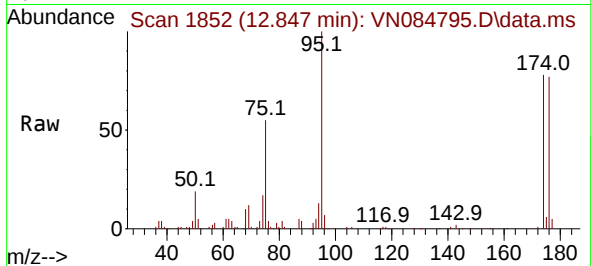




#62
4-Bromofluorobenzene
Concen: 46.778 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

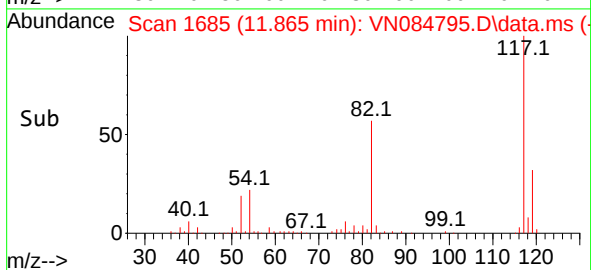
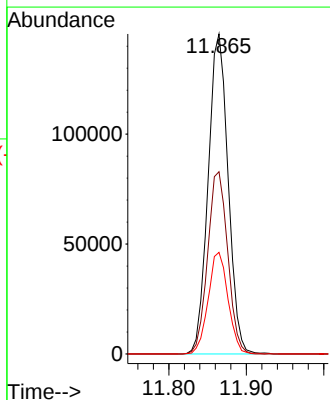
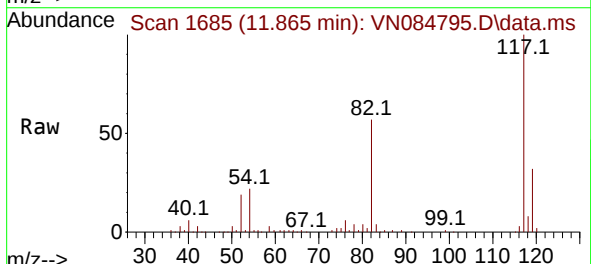
Instrument :
MSVOA_N
ClientSampleId :

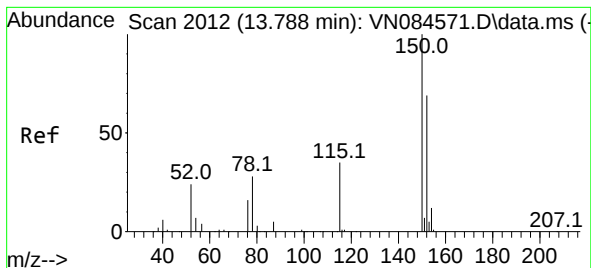
Tgt Ion: 95 Resp: 130574
Ion Ratio Lower Upper
95 100
174 76.4 0.0 145.2
176 73.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Tgt Ion: 117 Resp: 260615
Ion Ratio Lower Upper
117 100
82 57.0 47.2 70.8
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

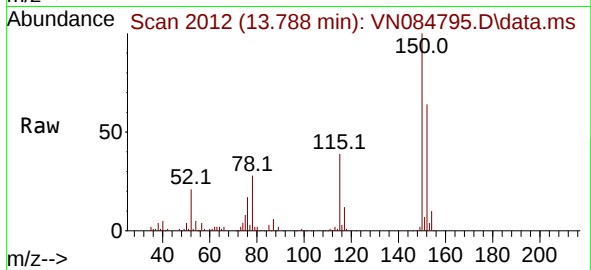
Lab File: VN084795.D

Acq: 12 Nov 2024 14:49

Instrument :

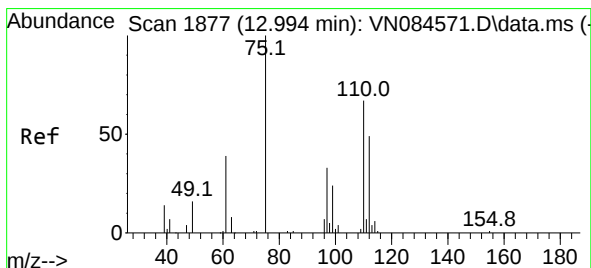
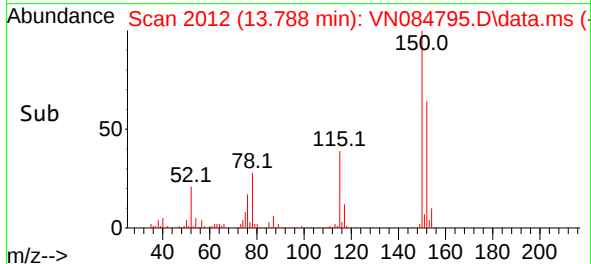
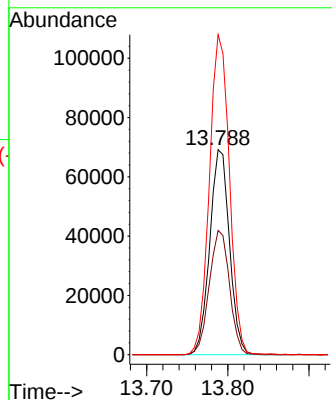
MSVOA_N

ClientSampleId :



Tgt Ion:152 Resp: 116877

Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.3	93.9
150	157.9	0.0	349.8



#76

1,2,3-Trichloropropane

Concen: 28.833 ug/l

RT: 12.847 min Scan# 1852

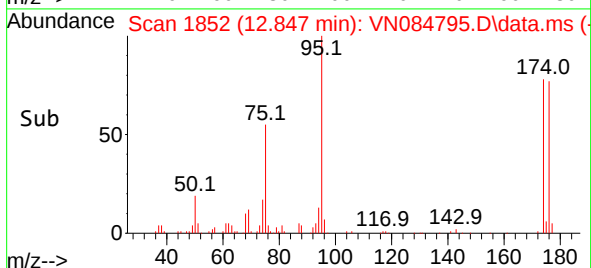
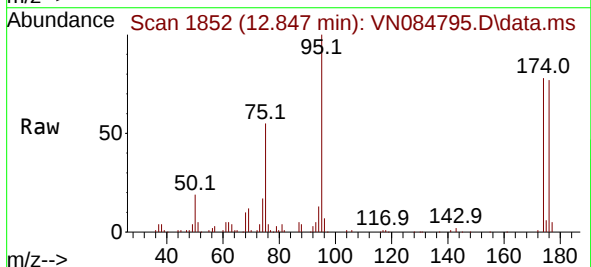
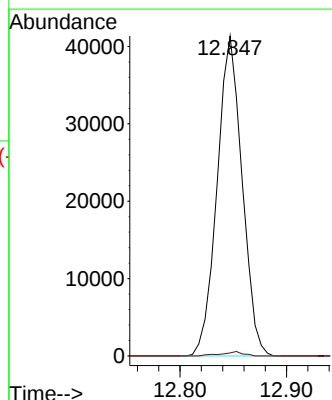
Delta R.T. -0.141 min

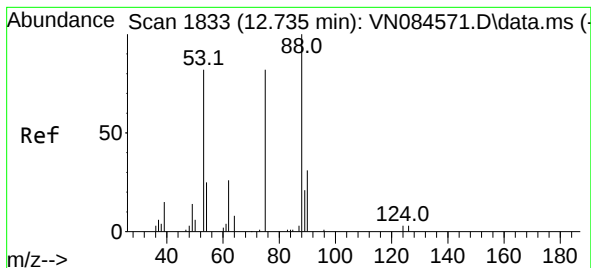
Lab File: VN084795.D

Acq: 12 Nov 2024 14:49

Tgt Ion: 75 Resp: 67364

Ion	Ratio	Lower	Upper
75	100		
77	1.2	96.9	290.7#

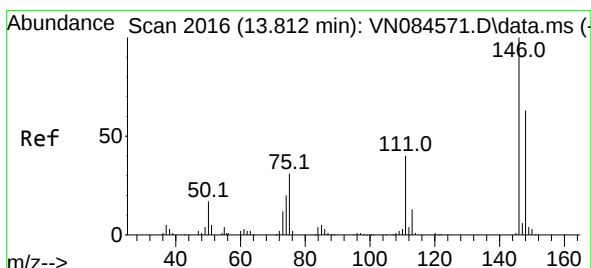
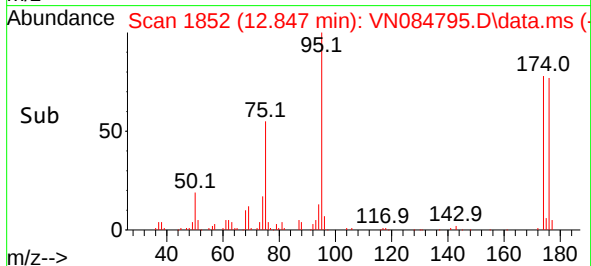
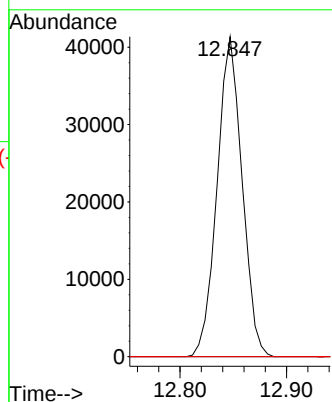
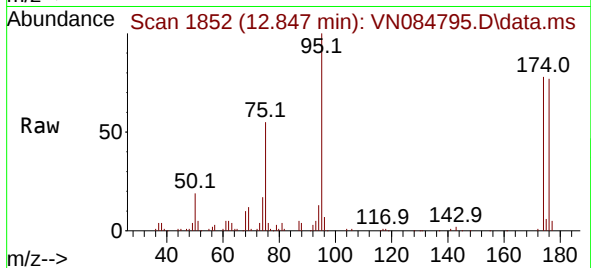




#81
trans-1,4-Dichloro-2-butene
Concen: 68.404 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

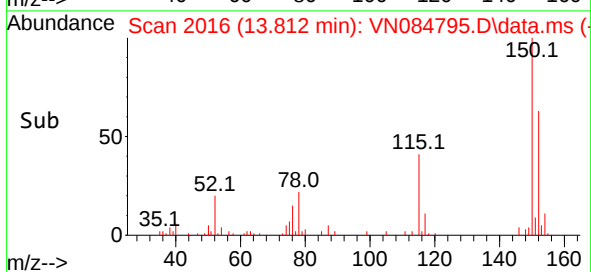
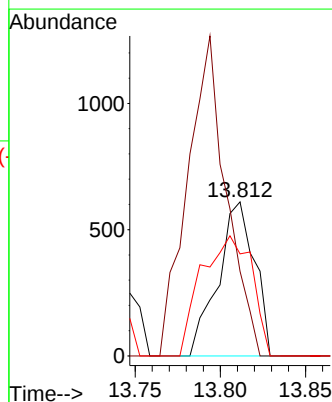
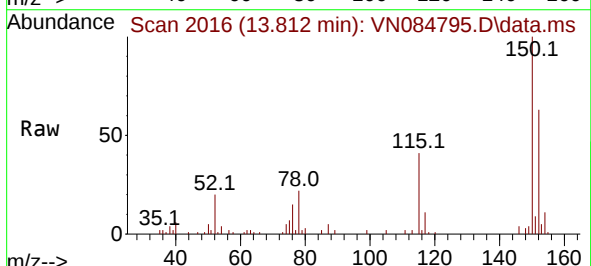
Instrument :
MSVOA_N
ClientSampleId :

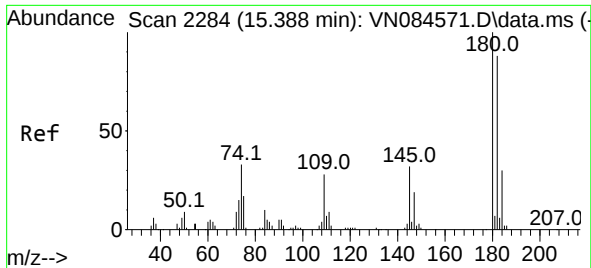
Tgt Ion: 75 Resp: 67364
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084795.D
Acq: 12 Nov 2024 14:49

Tgt Ion:146 Resp: 908
Ion Ratio Lower Upper
146 100
111 221.4 21.2 63.6#
148 107.8 31.9 95.9#





#93

1,2,4-Trichlorobenzene

Concen: 0.223 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

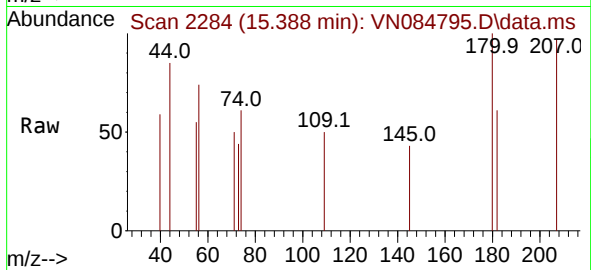
Lab File: VN084795.D

Acq: 12 Nov 2024 14:49

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 503

Ion Ratio Lower Upper

180 100

182 85.9 47.0 141.0

145 10.9 16.4 49.4#

