

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
 Data File : VN085107.D
 Acq On : 05 Dec 2024 11:25
 Operator : JC\MD
 Sample : VN1205MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 06 00:44:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

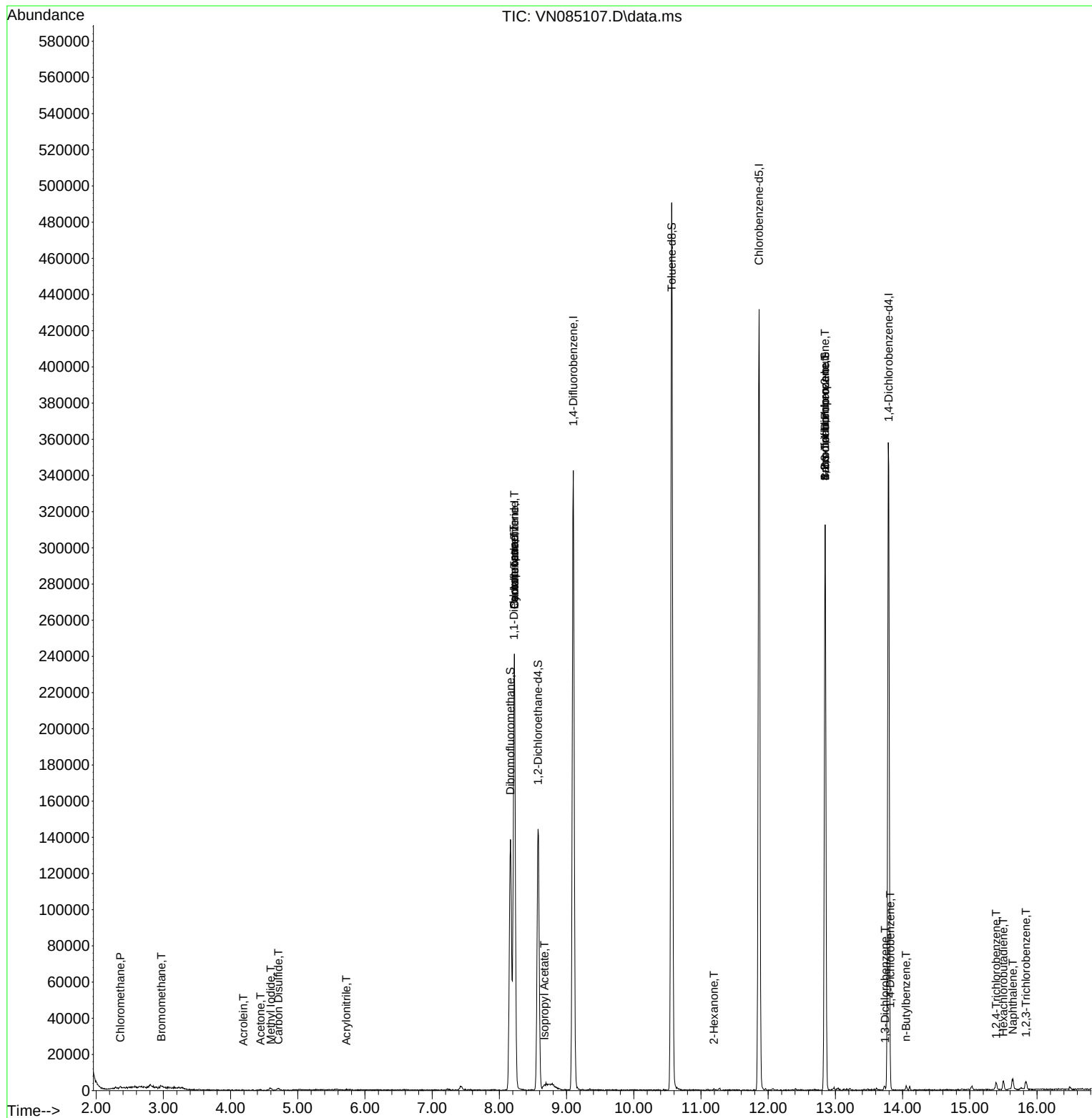
Internal Standards						
1) Pentafluorobenzene	8.224	168	169245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122700	50.897	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.800%			
35) Dibromofluoromethane	8.165	113	99924	50.596	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.200%			
50) Toluene-d8	10.565	98	333545	47.126	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.260%			
62) 4-Bromofluorobenzene	12.847	95	107251	40.521	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 81.040%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	859	0.387	ug/l #	84
5) Bromomethane	2.971	94	903	0.808	ug/l	98
10) Methyl Iodide	4.600	142	1771	0.695	ug/l #	86
13) Acrolein	4.189	56	117	0.544	ug/l #	16
15) Acrylonitrile	5.724	53	284	0.311	ug/l #	33
16) Acetone	4.448	43	465	0.662	ug/l #	43
17) Carbon Disulfide	4.712	76	2262	0.427	ug/l #	77
18) Methyl Acetate	5.024	43	498	Below Cal	#	50
31) Cyclohexane	8.224	56	3563	1.110	ug/l #	26
36) 1,1-Dichloropropene	8.218	75	13511	5.051	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18367	5.948	ug/l #	19
43) Isopropyl Acetate	8.671	43	2113	0.418	ug/l #	55
59) 2-Hexanone	11.194	43	705	0.409	ug/l #	49
71) Bromoform	12.847	173	781	0.525	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	55271	31.275	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	55271	69.041	ug/l #	10
87) 1,3-Dichlorobenzene	13.741	146	1026	0.282	ug/l #	81
88) 1,4-Dichlorobenzene	13.818	146	1325	0.357	ug/l #	25
89) n-Butylbenzene	14.053	91	1646	0.321	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	1718	0.907	ug/l	86
94) Hexachlorobutadiene	15.500	225	1203	1.376	ug/l	94
95) Naphthalene	15.641	128	7326	1.358	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.835	180	2439	1.350	ug/l	97

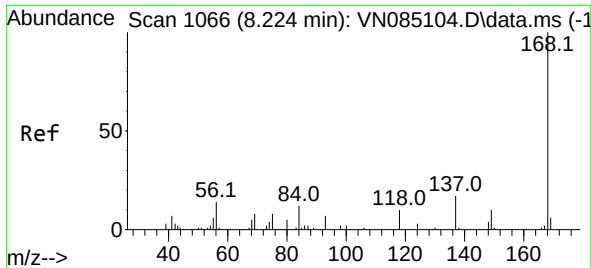
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120524\
Data File : VN085107.D
Acq On : 05 Dec 2024 11:25
Operator : JC\MD
Sample : VN1205MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

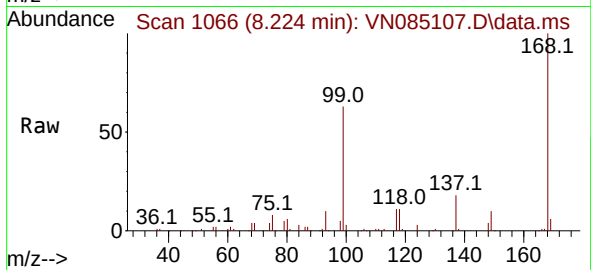
Quant Time: Dec 06 00:44:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



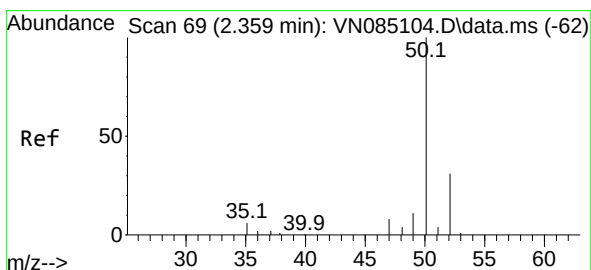
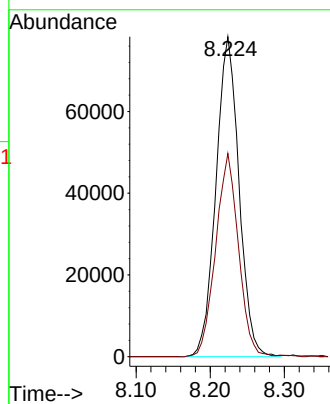
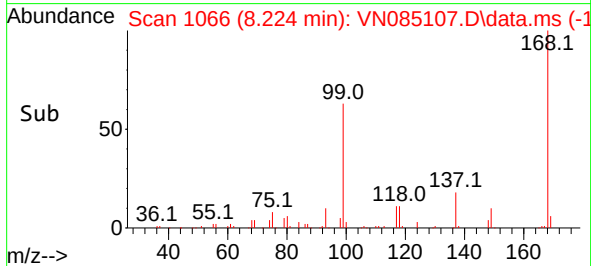


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :

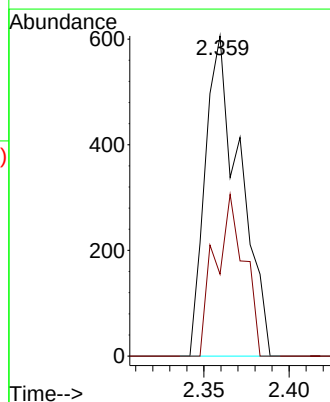
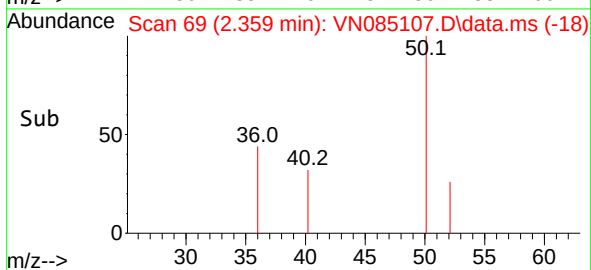
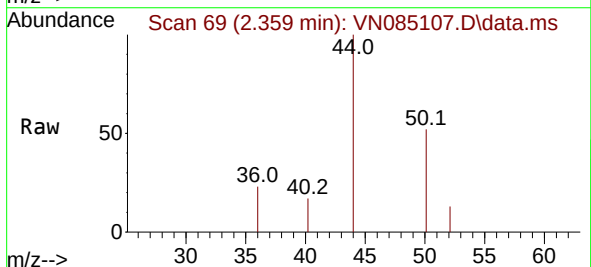


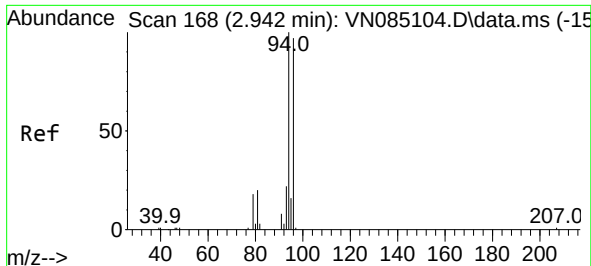
Tgt Ion:168 Resp: 169245
Ion Ratio Lower Upper
168 100
99 63.5 51.2 76.8



#3
Chloromethane
Concen: 0.387 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Tgt Ion: 50 Resp: 859
Ion Ratio Lower Upper
50 100
52 25.6 27.8 41.8#

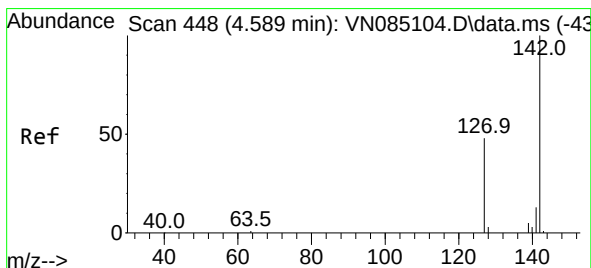
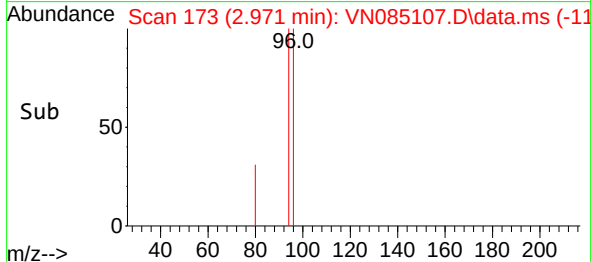
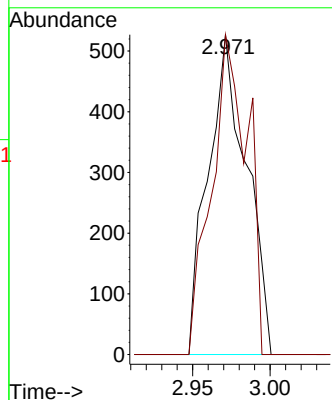
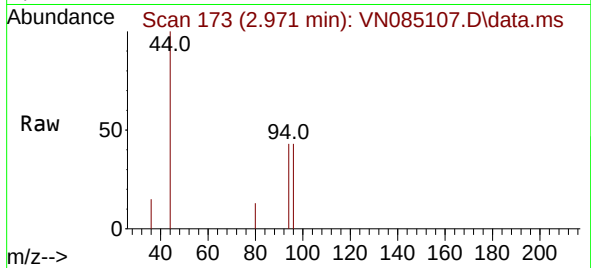




#5
Bromomethane
Concen: 0.808 ug/l
RT: 2.971 min Scan# 11
Delta R.T. 0.071 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

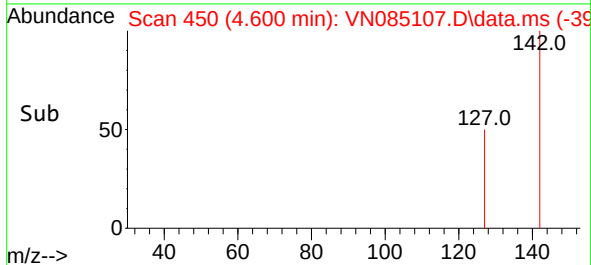
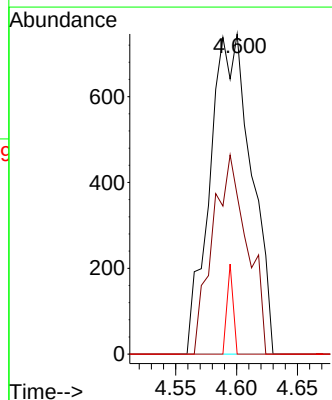
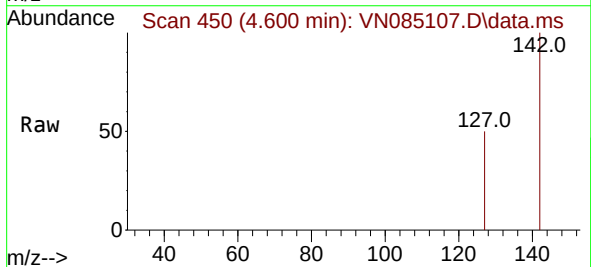
Instrument :
MSVOA_N
ClientSampleId :

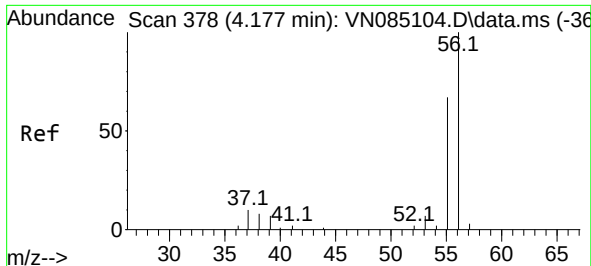
Tgt Ion: 94 Resp: 903
Ion Ratio Lower Upper
94 100
96 100.0 78.7 118.1



#10
Methyl Iodide
Concen: 0.695 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.029 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

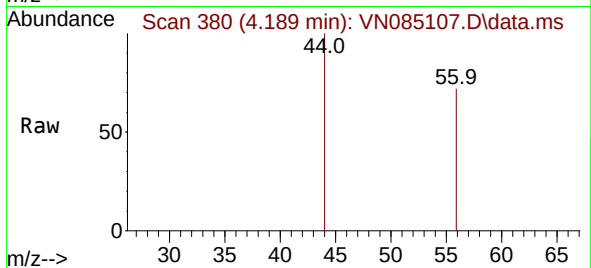
Tgt Ion: 142 Resp: 1771
Ion Ratio Lower Upper
142 100
127 49.6 36.6 54.8
141 0.0 12.2 18.4#



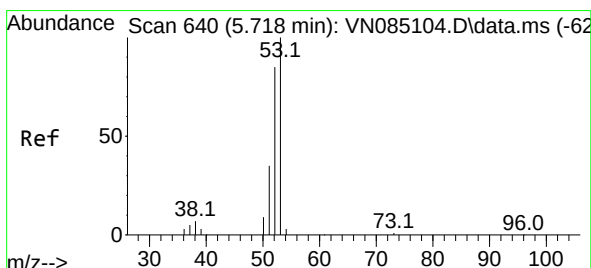
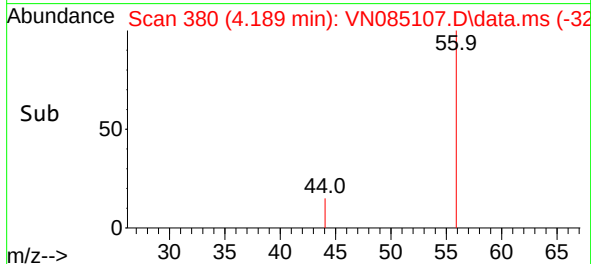
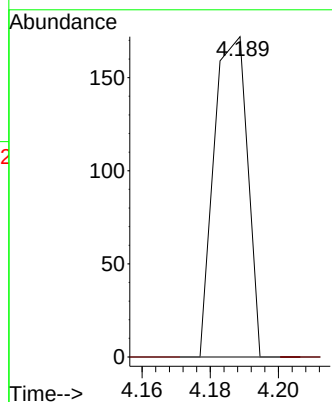


#13
Acrolein
Concen: 0.544 ug/l
RT: 4.189 min Scan# 311
Delta R.T. 0.023 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :

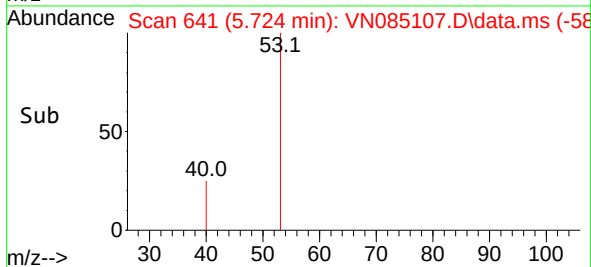
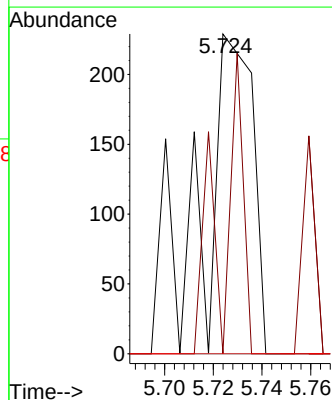
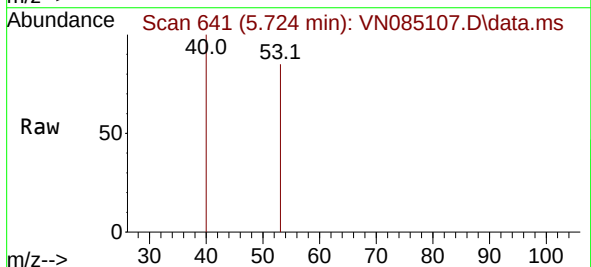


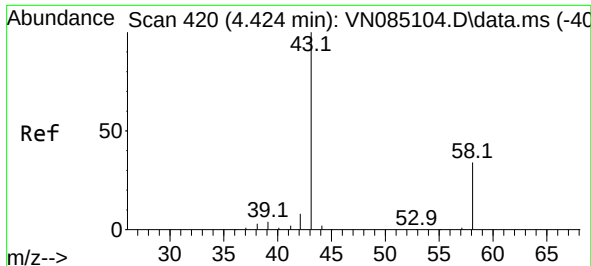
Tgt Ion: 56 Resp: 117
Ion Ratio Lower Upper
56 100
55 0.0 54.5 81.7#



#15
Acrylonitrile
Concen: 0.311 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Tgt Ion: 53 Resp: 284
Ion Ratio Lower Upper
53 100
52 19.7 65.5 98.3#
51 0.0 28.4 42.6#

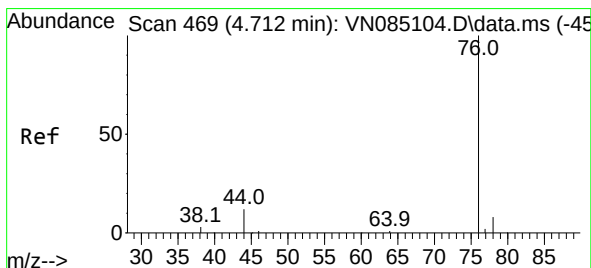
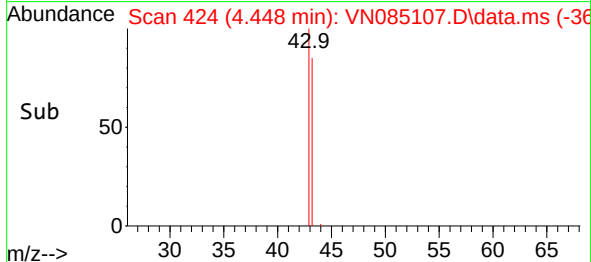
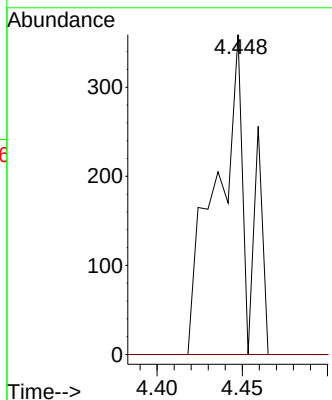
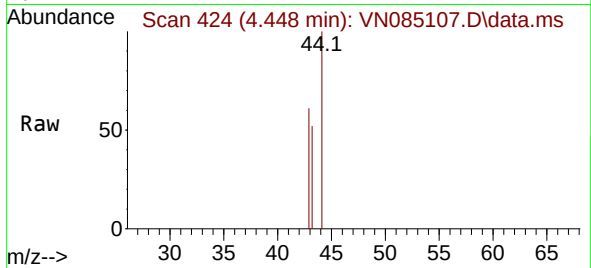




#16
Acetone
Concen: 0.662 ug/l
RT: 4.448 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

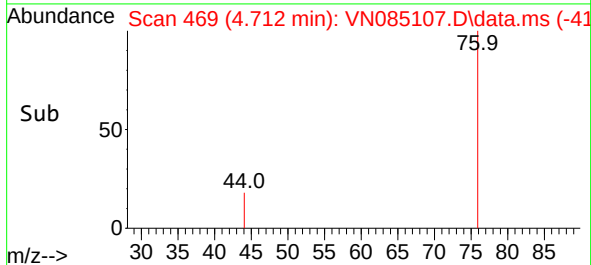
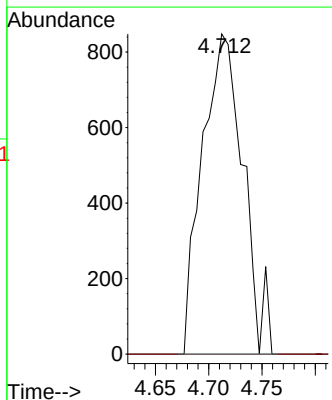
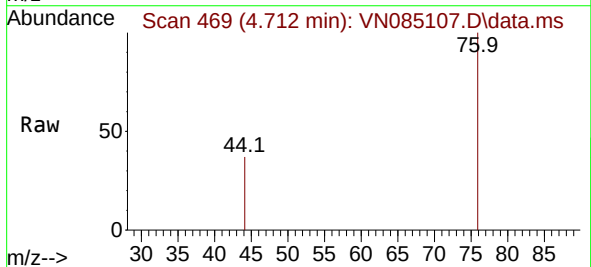
Instrument :
MSVOA_N
ClientSampleId :

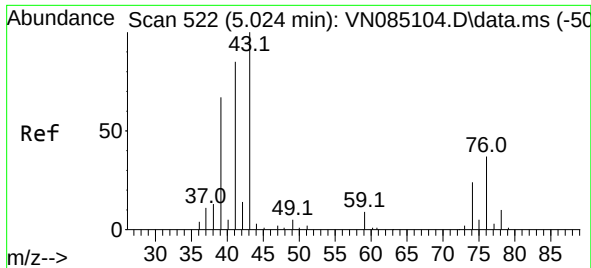
Tgt Ion: 43 Resp: 465
Ion Ratio Lower Upper
43 100
58 0.0 25.4 38.2#



#17
Carbon Disulfide
Concen: 0.427 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.018 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

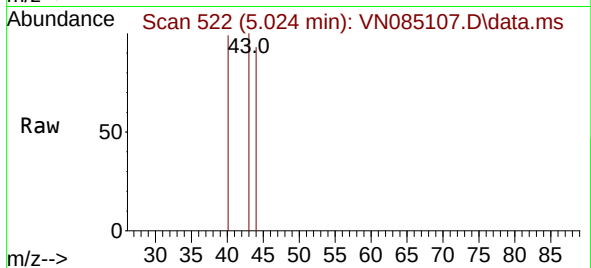
Tgt Ion: 76 Resp: 2262
Ion Ratio Lower Upper
76 100
78 0.0 6.5 9.7#



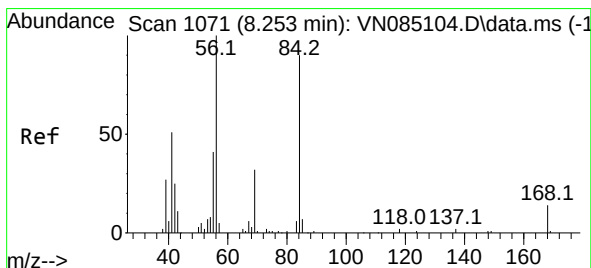
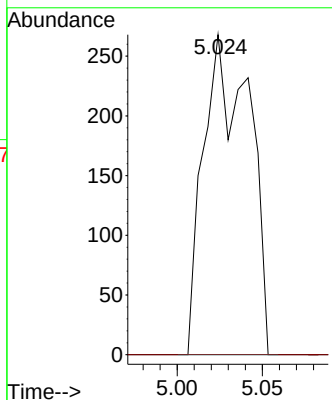
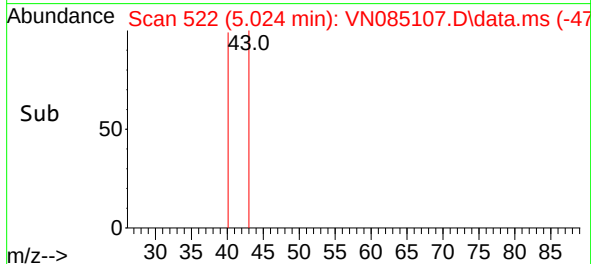


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

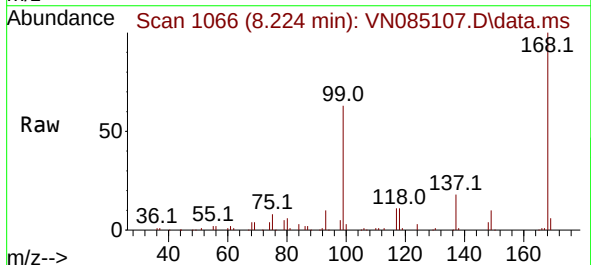
Instrument :
MSVOA_N
ClientSampleId :



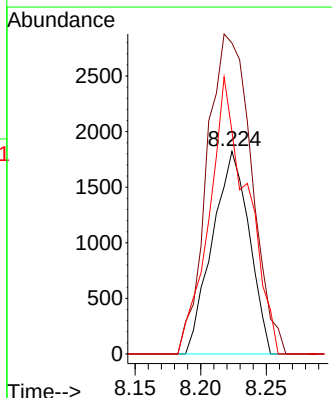
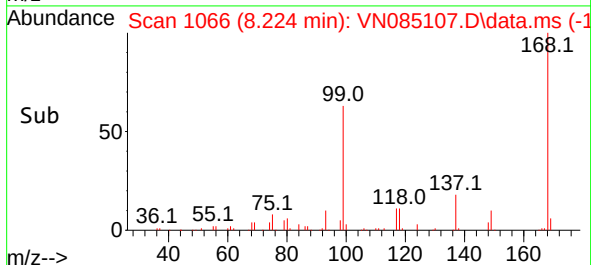
Tgt Ion: 43 Resp: 498
Ion Ratio Lower Upper
43 100
74 0.0 20.1 30.1#

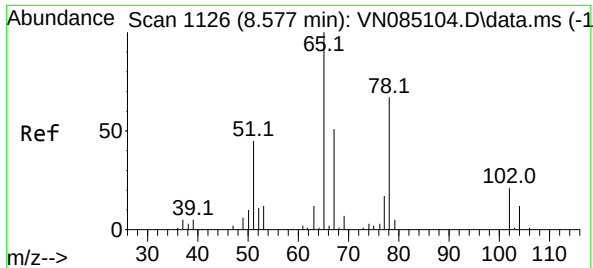


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25



Tgt Ion: 56 Resp: 3563
Ion Ratio Lower Upper
56 100
69 153.5 24.6 36.8#
84 109.8 71.4 107.2#

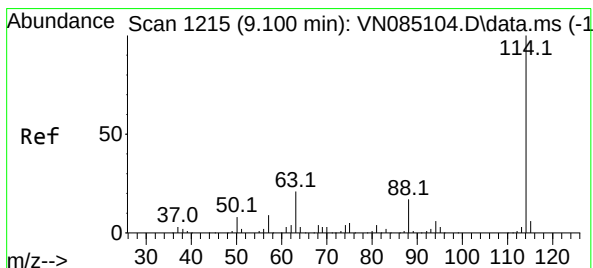
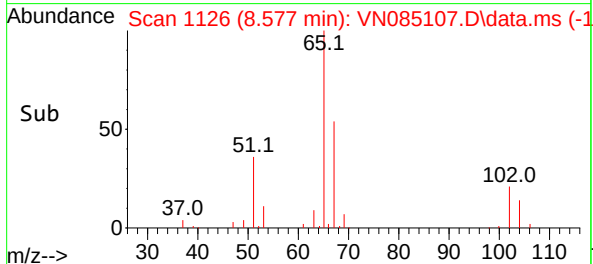
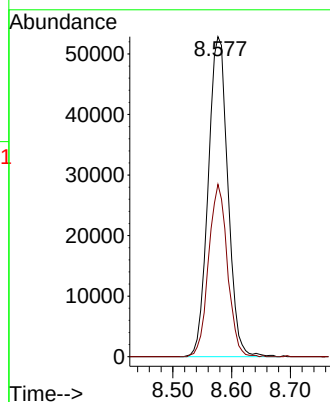
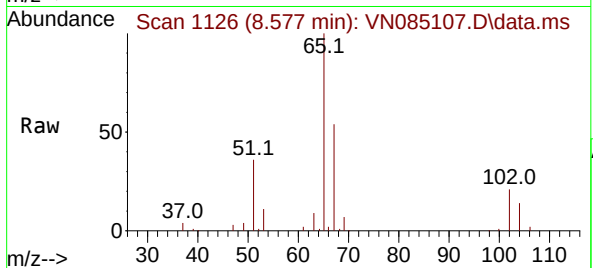




#33
1,2-Dichloroethane-d4
Concen: 50.897 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

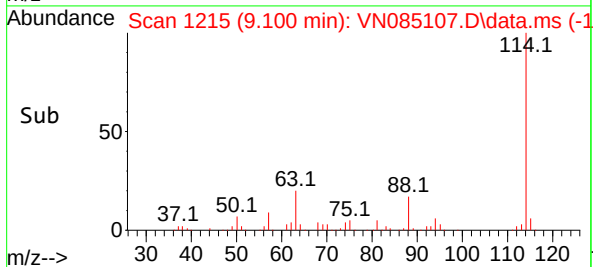
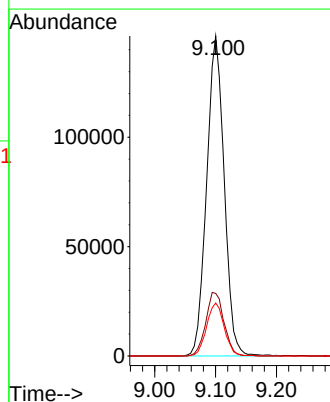
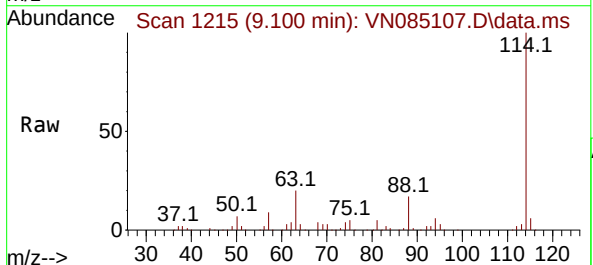
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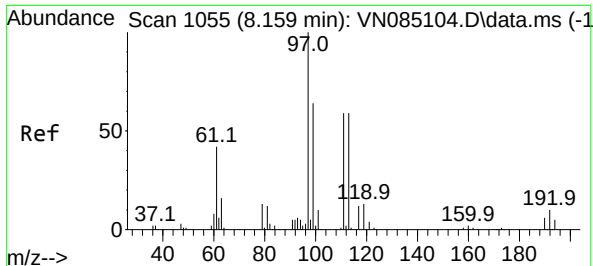
Tgt Ion: 65 Resp: 122700
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

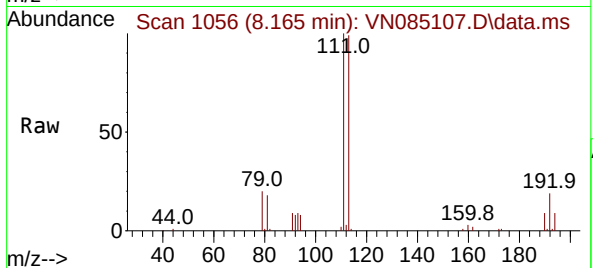
Tgt Ion: 114 Resp: 292856
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.0
88 16.6 0.0 34.8



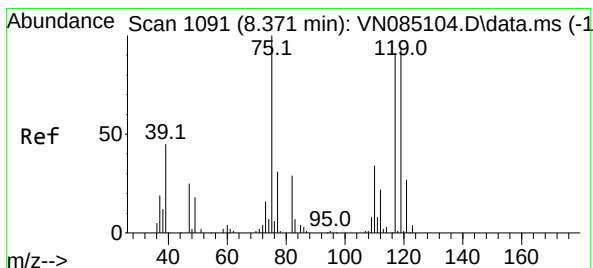
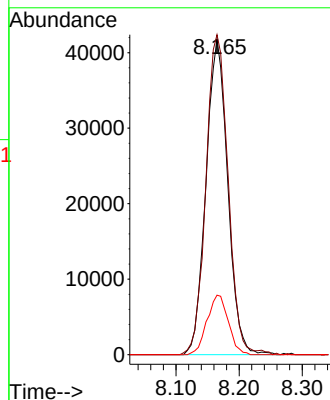
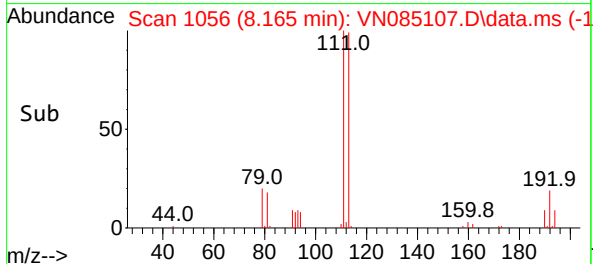


#35
Dibromofluoromethane
Concen: 50.596 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :

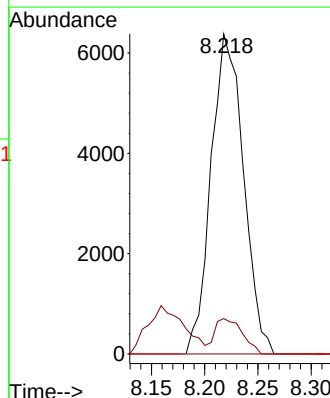
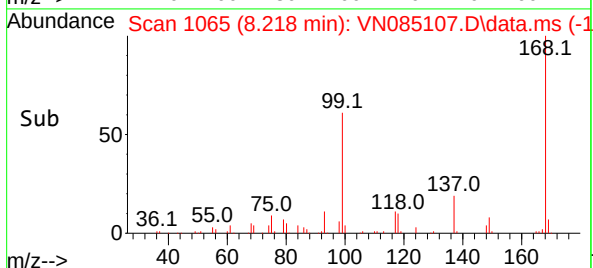
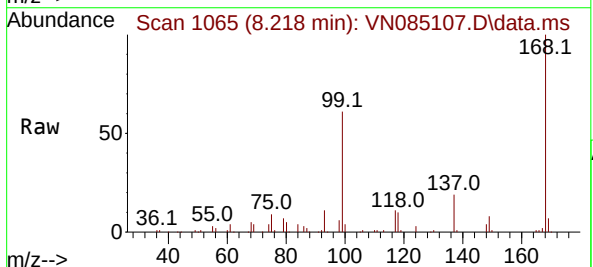


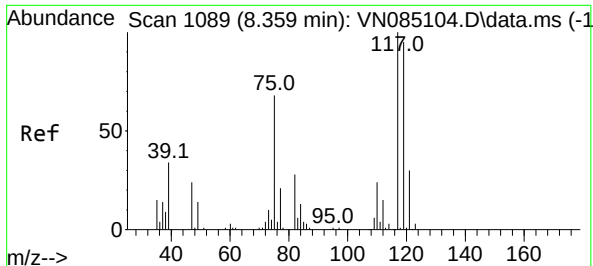
Tgt Ion:113 Resp: 99924
Ion Ratio Lower Upper
113 100
111 103.5 82.0 123.0
192 18.5 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.051 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.147 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

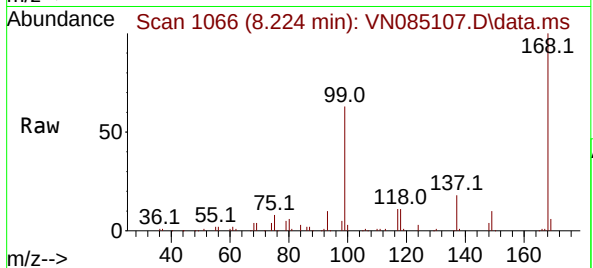
Tgt Ion: 75 Resp: 13511
Ion Ratio Lower Upper
75 100
110 9.5 17.2 51.6#
77 0.0 24.2 36.4#



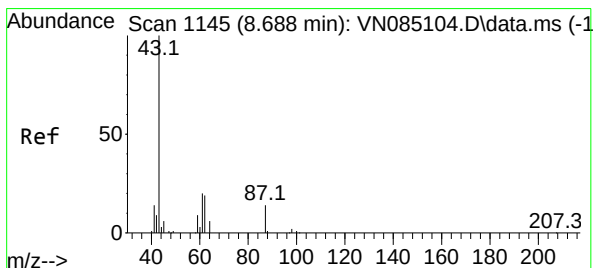
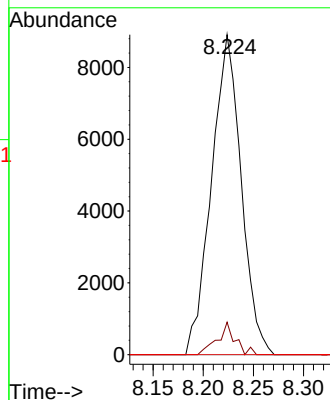
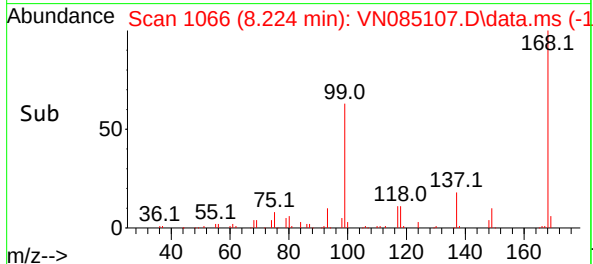


#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.129 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

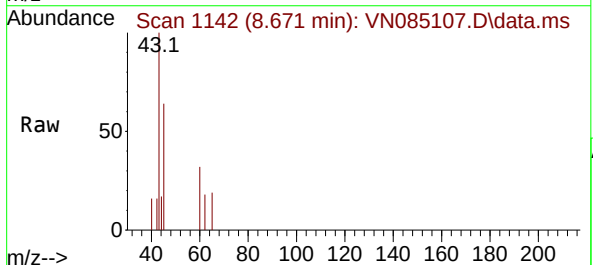
Instrument :
MSVOA_N
ClientSampleId :



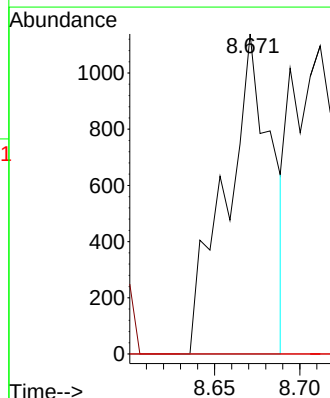
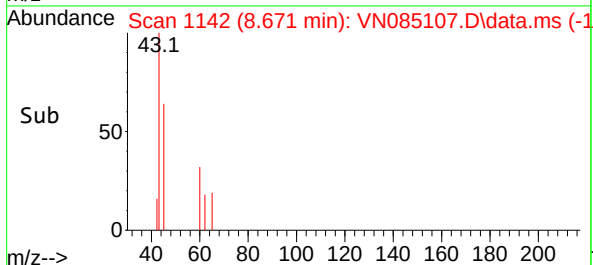
Tgt Ion:117 Resp: 18367
Ion Ratio Lower Upper
117 100
119 10.2 78.6 117.8#
121 0.0 24.2 36.2#

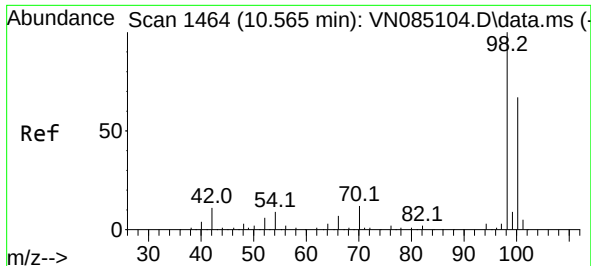


#43
Isopropyl Acetate
Concen: 0.418 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.012 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25



Tgt Ion: 43 Resp: 2113
Ion Ratio Lower Upper
43 100
61 0.0 20.6 30.8#
87 0.0 11.0 16.4#

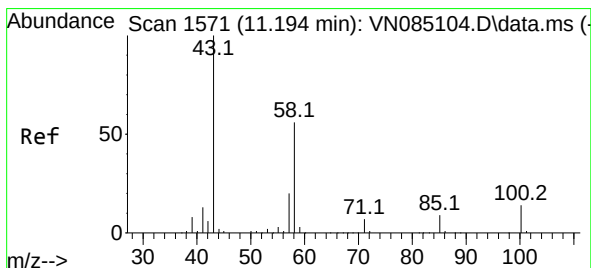
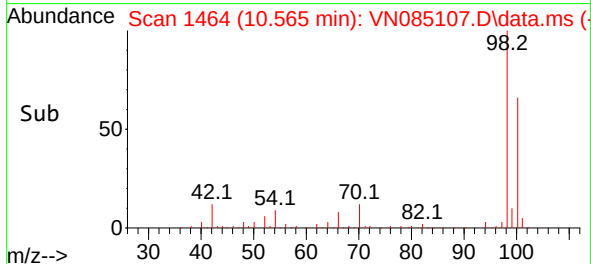
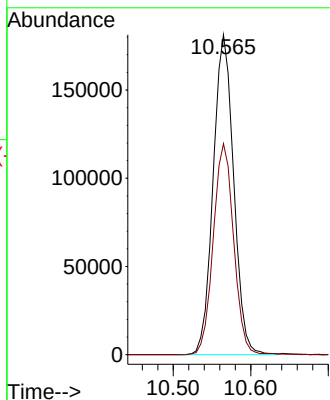
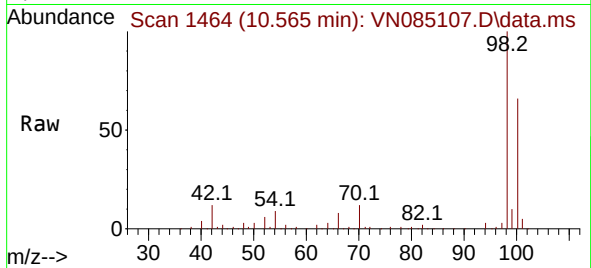




#50
Toluene-d8
Concen: 47.126 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

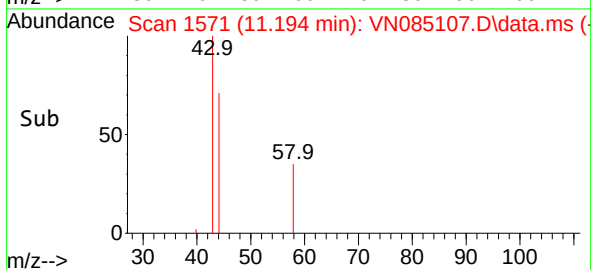
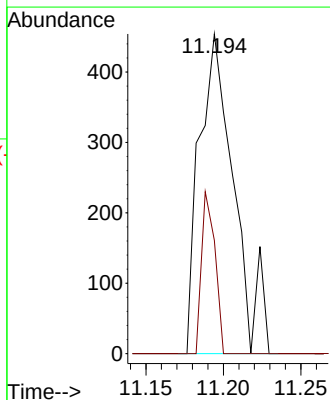
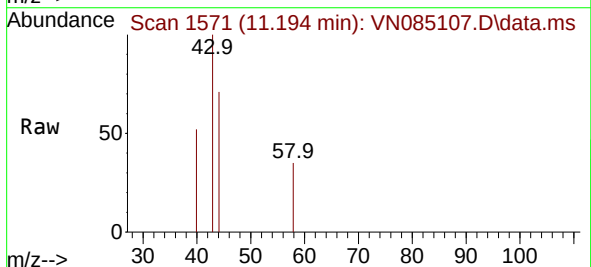
Instrument :
MSVOA_N
ClientSampleId :

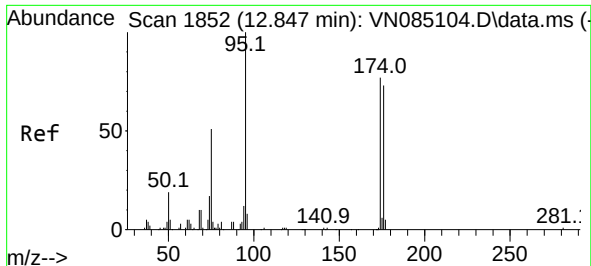
Tgt Ion: 98 Resp: 333545
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#59
2-Hexanone
Concen: 0.409 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Tgt Ion: 43 Resp: 705
Ion Ratio Lower Upper
43 100
58 19.6 28.3 85.0#

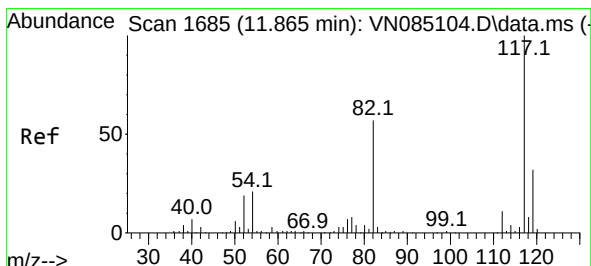
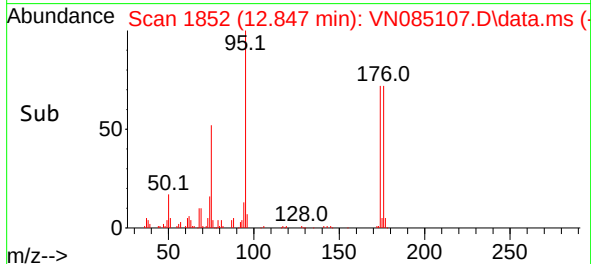
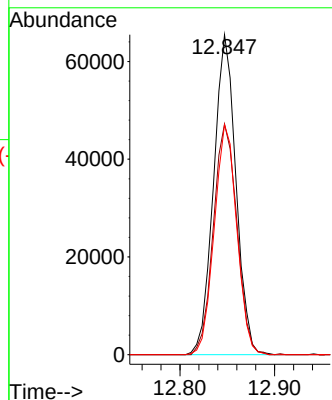
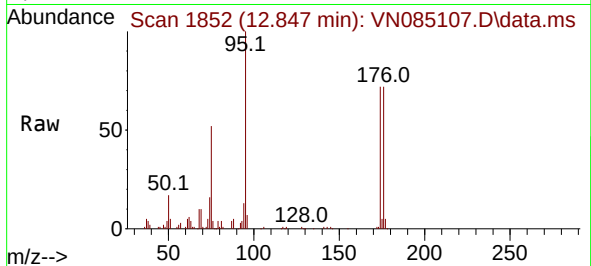




#62
4-Bromofluorobenzene
Concen: 40.521 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

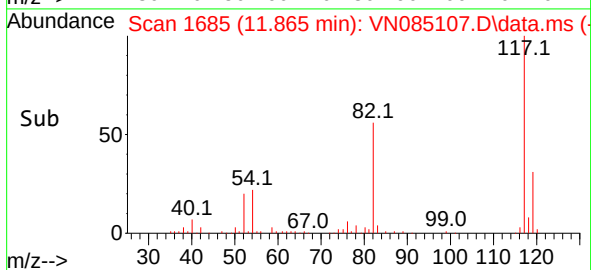
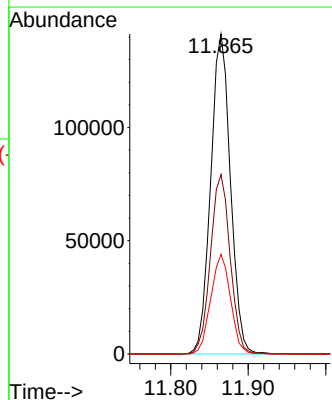
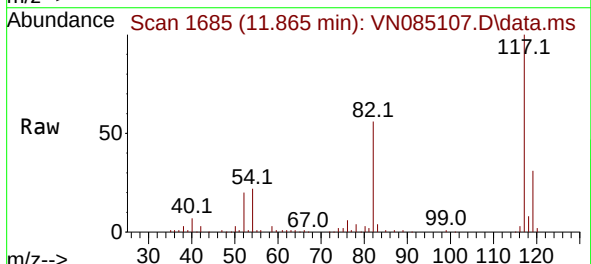
Instrument :
MSVOA_N
ClientSampleId :

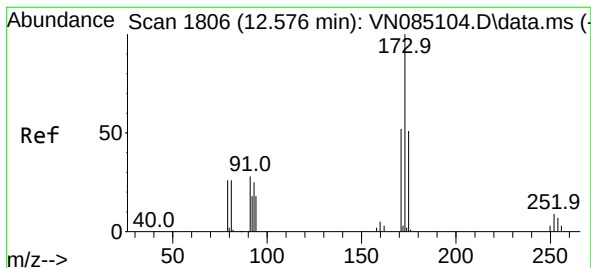
Tgt Ion: 95 Resp: 107251
Ion Ratio Lower Upper
95 100
174 75.9 0.0 146.6
176 72.5 0.0 141.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Tgt Ion: 117 Resp: 250770
Ion Ratio Lower Upper
117 100
82 56.0 46.0 69.0
119 31.1 25.6 38.4





#71

Bromoform

Concen: 0.525 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN085107.D

Acq: 05 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

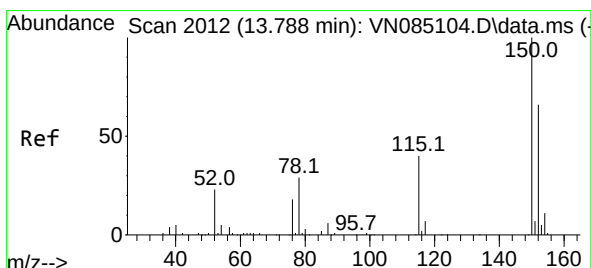
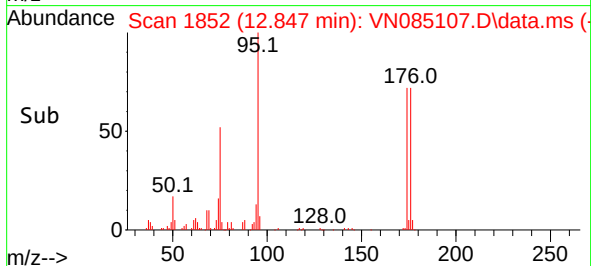
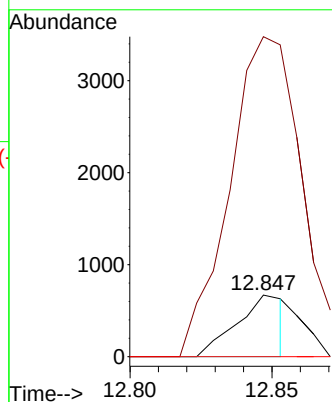
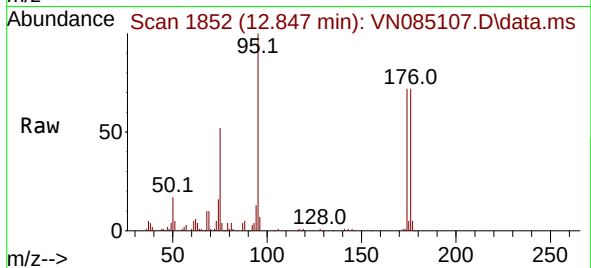
Tgt Ion:173 Resp: 781

Ion Ratio Lower Upper

173 100

175 601.5 23.8 71.2#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN085107.D

Acq: 05 Dec 2024 11:25

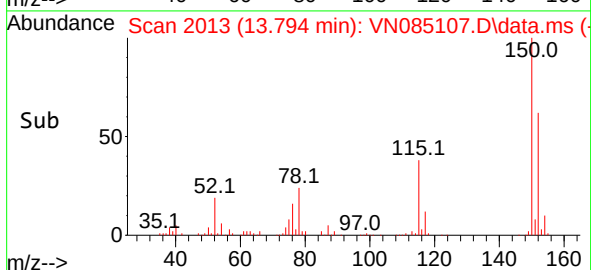
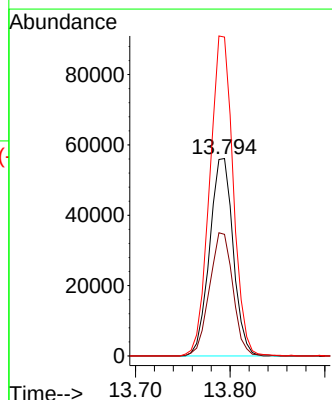
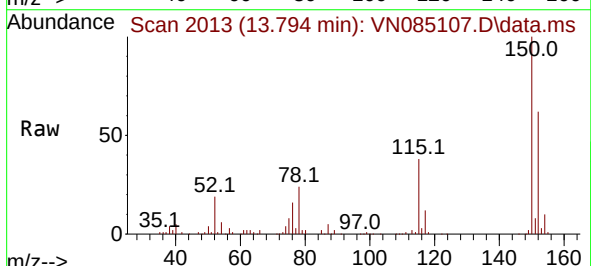
Tgt Ion:152 Resp: 97161

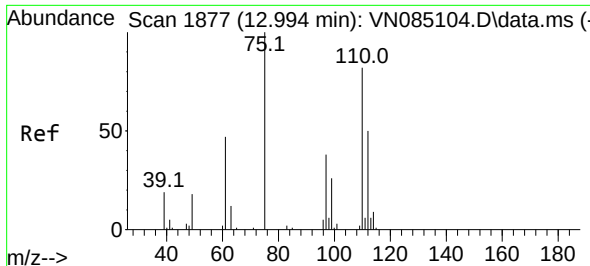
Ion Ratio Lower Upper

152 100

115 61.8 31.7 95.1

150 161.2 0.0 351.4

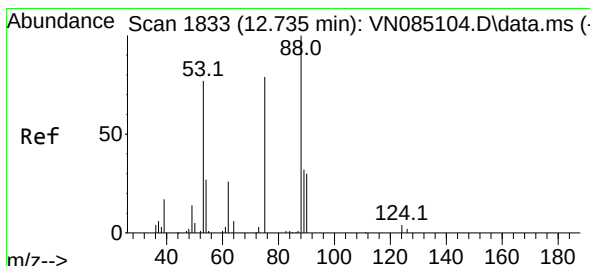
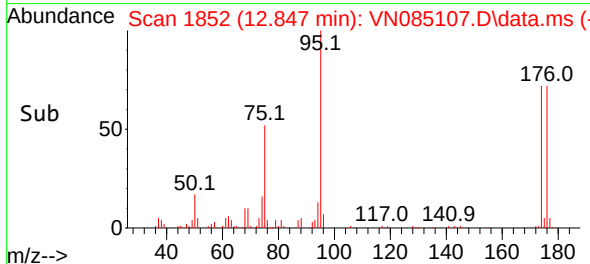
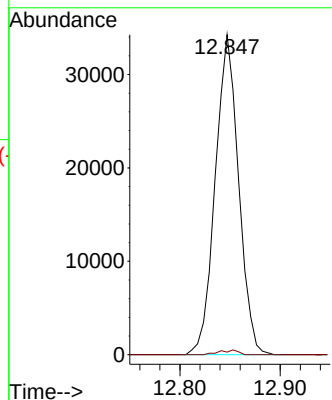
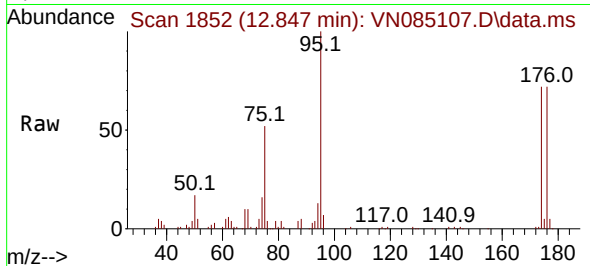




#76
1,2,3-Trichloropropane
Concen: 31.275 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

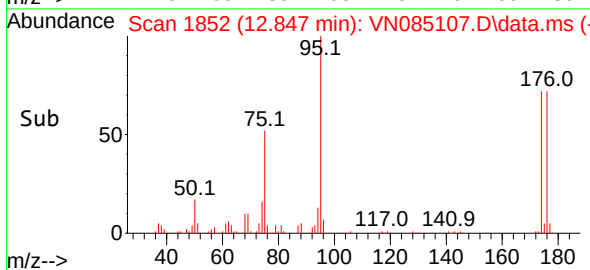
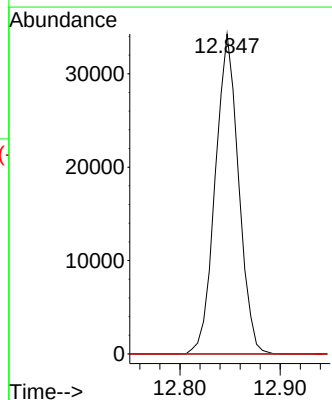
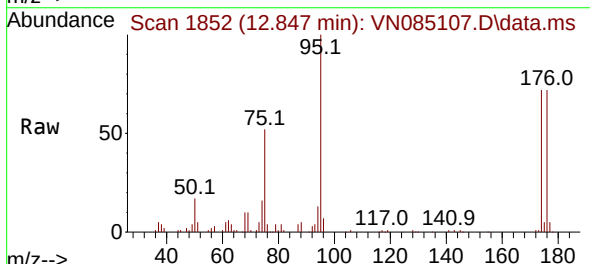
Instrument :
MSVOA_N
ClientSampleId :

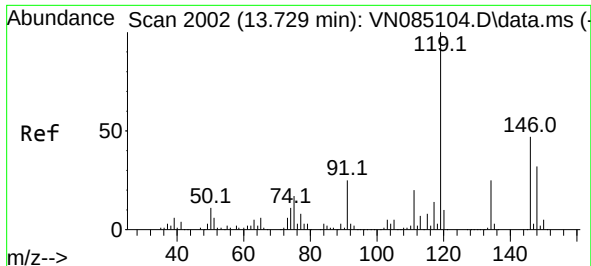
Tgt Ion: 75 Resp: 55271
Ion Ratio Lower Upper
75 100
77 1.2 109.1 327.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.041 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Tgt Ion: 75 Resp: 55271
Ion Ratio Lower Upper
75 100
53 0.0 78.2 117.4#
89 0.0 37.9 56.9#





#87

1,3-Dichlorobenzene

Concen: 0.282 ug/l

RT: 13.741 min Scan# 20

Delta R.T. 0.012 min

Lab File: VN085107.D

Acq: 05 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

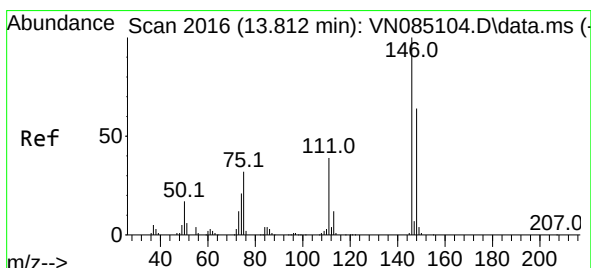
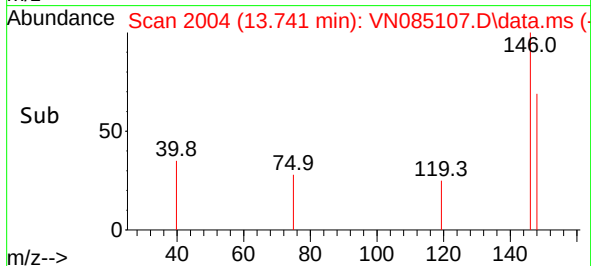
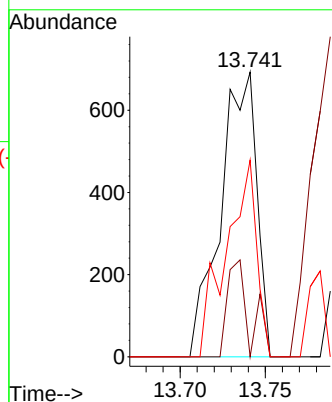
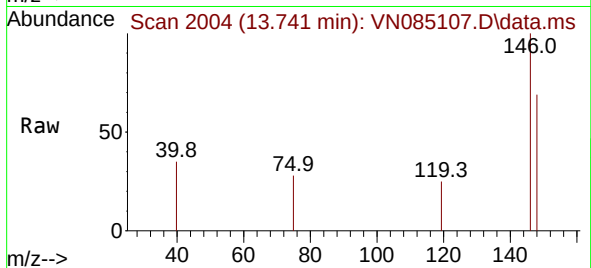
Tgt Ion:146 Resp: 1026

Ion Ratio Lower Upper

146 100

111 20.7 21.6 65.0#

148 57.8 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 0.357 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VN085107.D

Acq: 05 Dec 2024 11:25

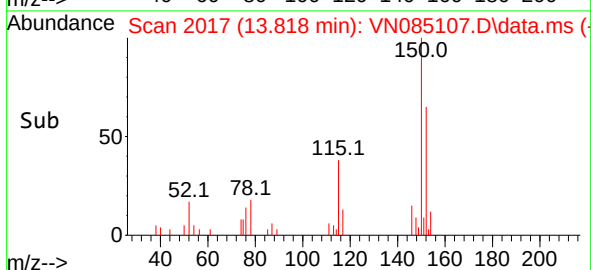
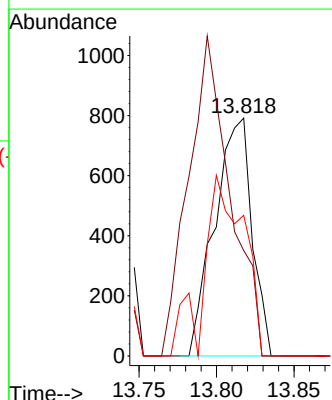
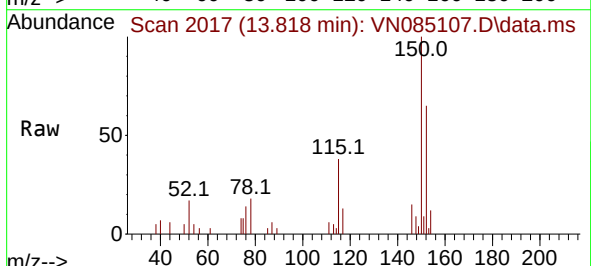
Tgt Ion:146 Resp: 1325

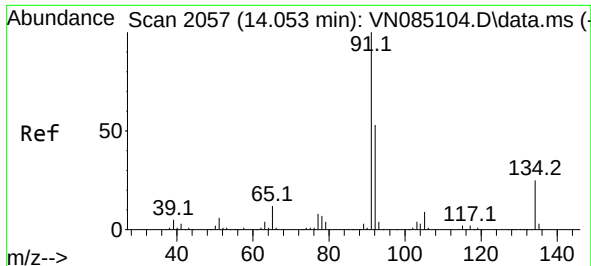
Ion Ratio Lower Upper

146 100

111 0.0 20.9 62.8#

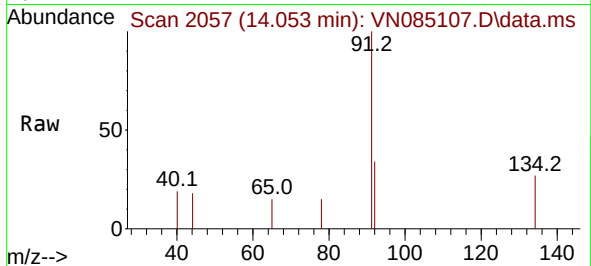
148 0.0 31.3 93.9#





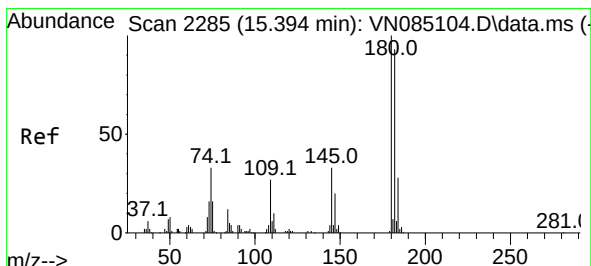
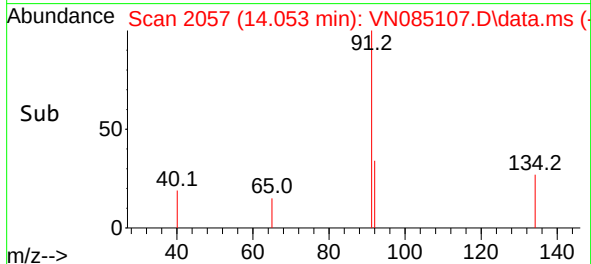
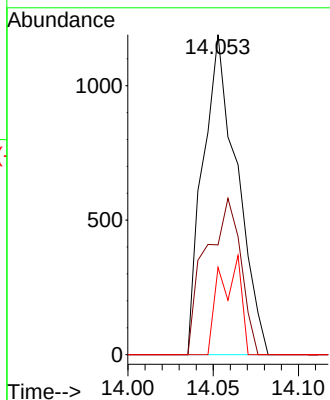
#89
n-Butylbenzene
Concen: 0.321 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 91 Resp: 1646

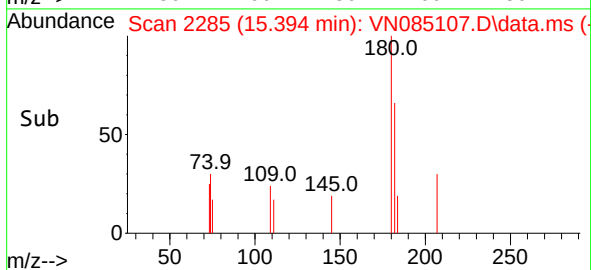
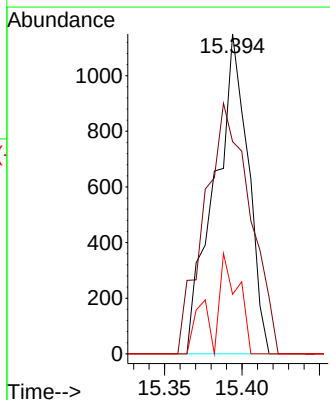
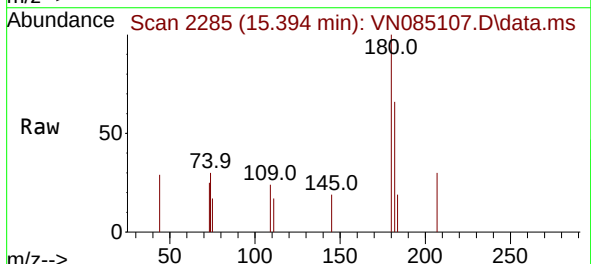
Ion	Ratio	Lower	Upper
91	100		
92	50.3	26.8	80.3
134	19.2	12.8	38.4

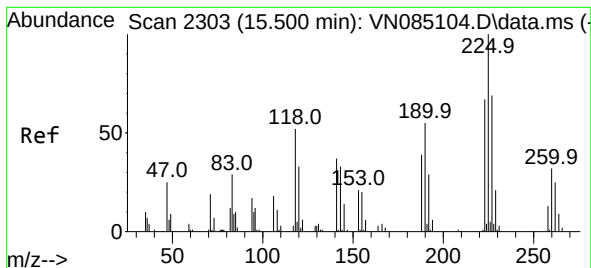


#93
1,2,4-Trichlorobenzene
Concen: 0.907 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN085107.D
Acq: 05 Dec 2024 11:25

Tgt Ion: 180 Resp: 1718

Ion	Ratio	Lower	Upper
180	100		
182	106.9	46.9	140.8
145	24.3	16.3	48.8





#94

Hexachlorobutadiene

Concen: 1.376 ug/l

RT: 15.500 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN085107.D

Acq: 05 Dec 2024 11:25

Instrument :

MSVOA_N

ClientSampleId :

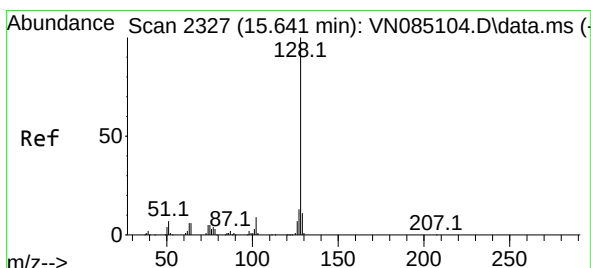
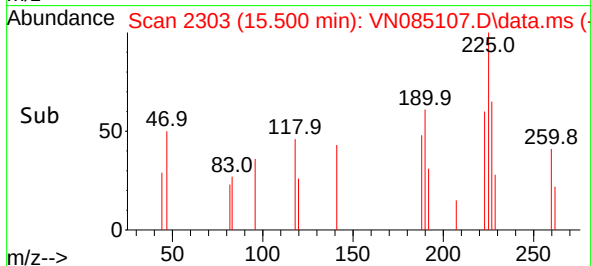
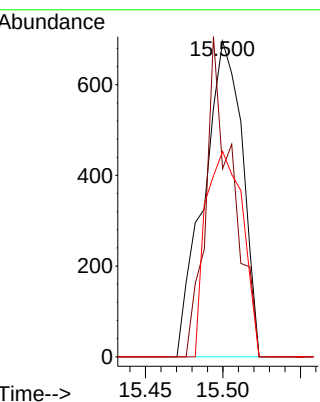
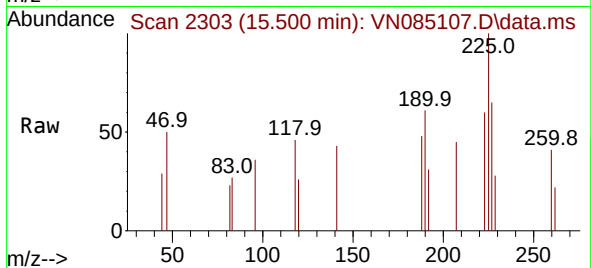
Tgt Ion:225 Resp: 1203

Ion Ratio Lower Upper

225 100

223 70.2 30.9 92.8

227 62.6 31.5 94.5



#95

Naphthalene

Concen: 1.358 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085107.D

Acq: 05 Dec 2024 11:25

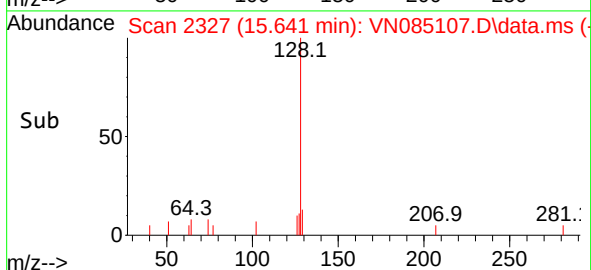
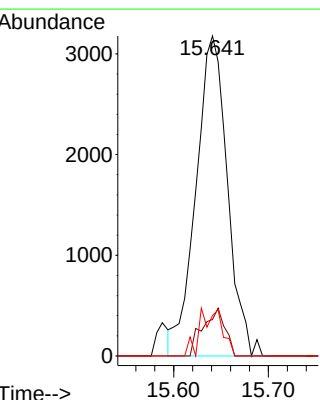
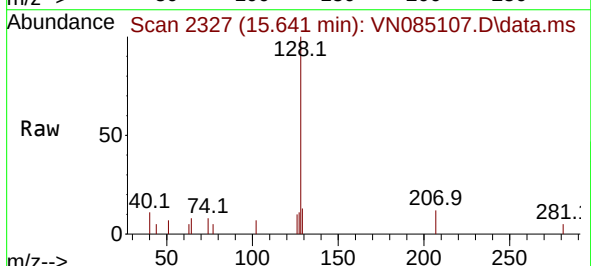
Tgt Ion:128 Resp: 7326

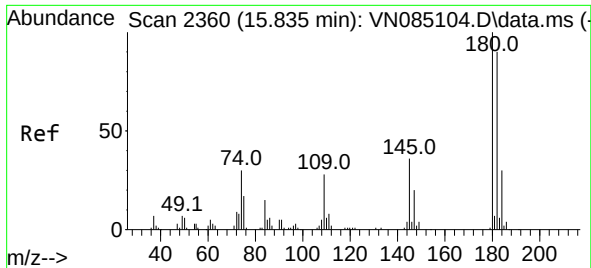
Ion Ratio Lower Upper

128 100

127 10.6 10.6 16.0#

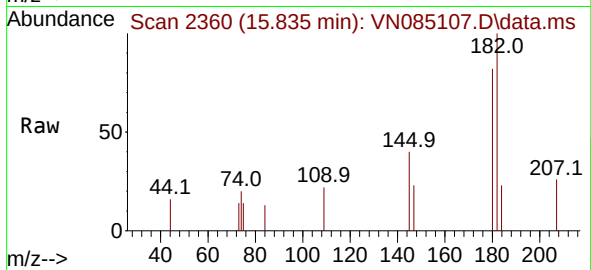
129 10.5 8.6 12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 1.350 ug/l
 RT: 15.835 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085107.D
 Acq: 05 Dec 2024 11:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	2439
Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.4	139.2
145	31.5	17.3	52.0

