

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085341.D
 Acq On : 30 Dec 2024 13:26
 Operator : JC\MD
 Sample : VN1230WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 31 02:11:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

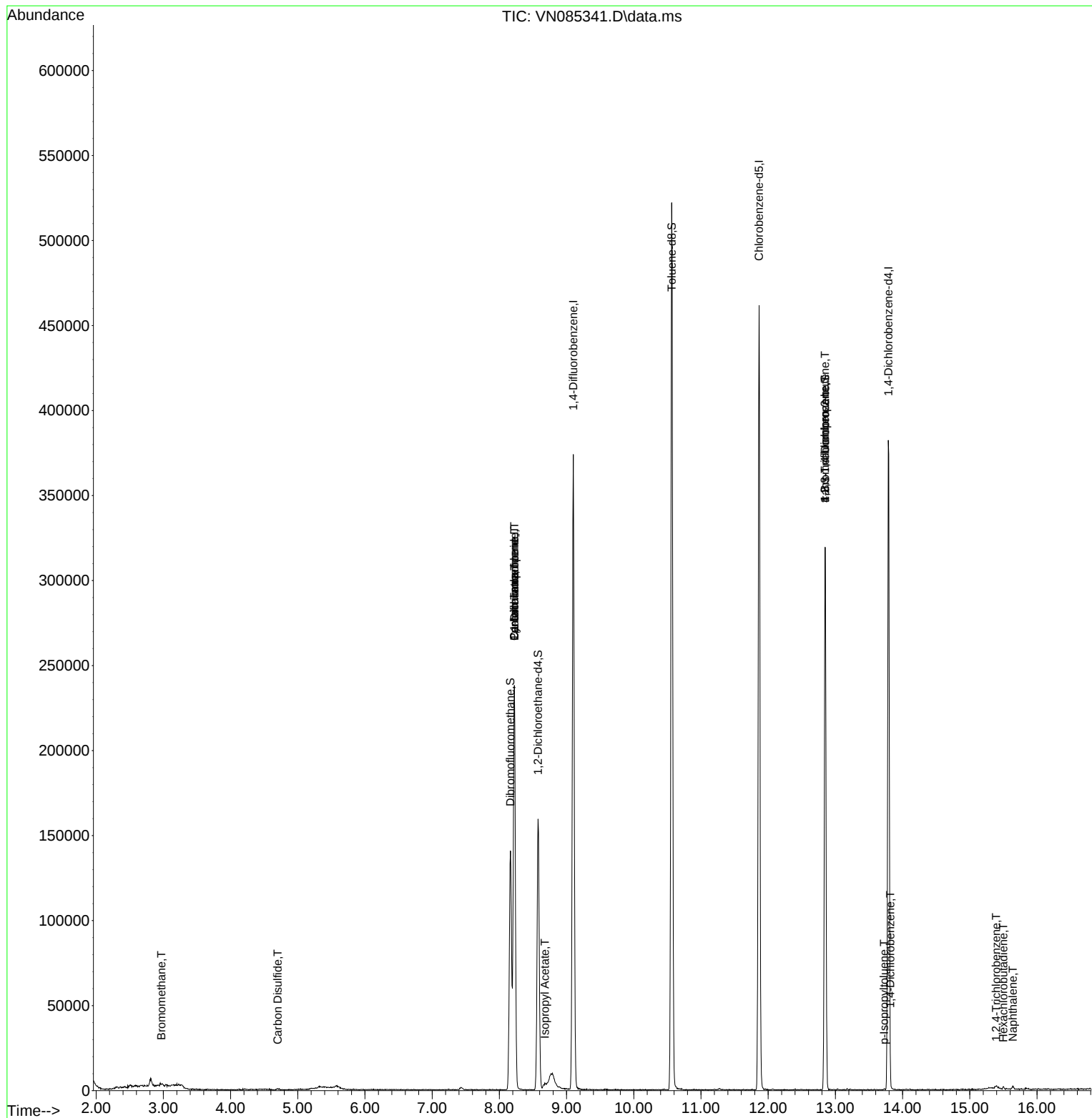
Internal Standards						
1) Pentafluorobenzene	8.224	168	161031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131504	57.256	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 114.520%		
35) Dibromofluoromethane	8.165	113	99877	52.808	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.620%		
50) Toluene-d8	10.565	98	354787	51.119	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 102.240%		
62) 4-Bromofluorobenzene	12.847	95	107174	46.497	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.000%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	821	0.485	ug/l	95
17) Carbon Disulfide	4.700	76	1480	0.272	ug/l #	75
31) Cyclohexane	8.224	56	4608	1.357	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15368	5.550	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17676	5.856	ug/l #	16
43) Isopropyl Acetate	8.677	43	2768	0.611	ug/l #	55
76) 1,2,3-Trichloropropane	12.847	75	58920	32.232	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	58920	77.190	ug/l #	10
86) p-Isopropyltoluene	13.723	119	111	0.211	ug/l #	51
88) 1,4-Dichlorobenzene	13.818	146	687	0.212	ug/l #	62
93) 1,2,4-Trichlorobenzene	15.394	180	630	0.419	ug/l #	64
94) Hexachlorobutadiene	15.500	225	417	0.558	ug/l #	41
95) Naphthalene	15.641	128	2606	0.511	ug/l #	85

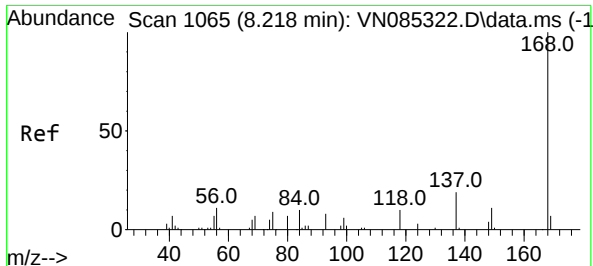
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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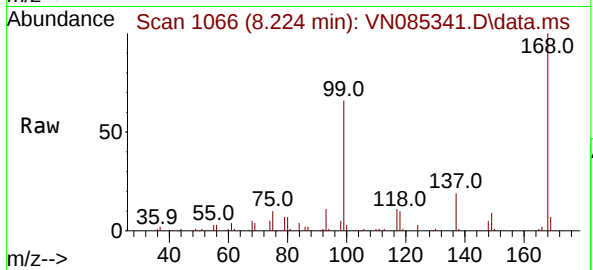
Quant Time: Dec 31 02:11:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
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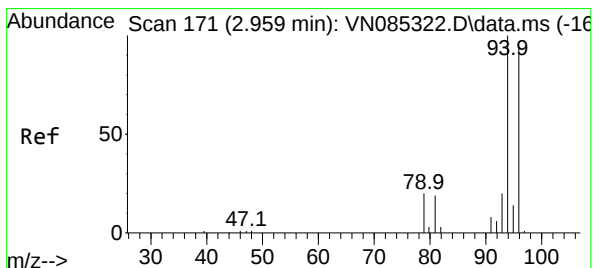
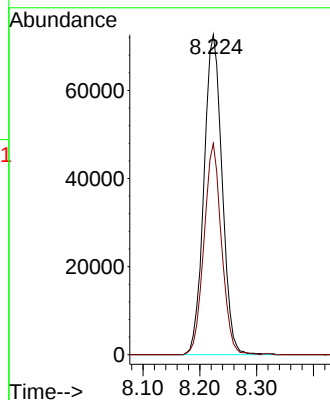
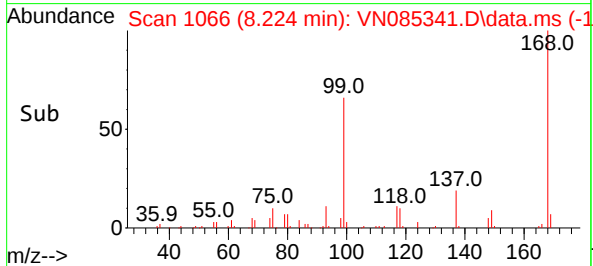


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :

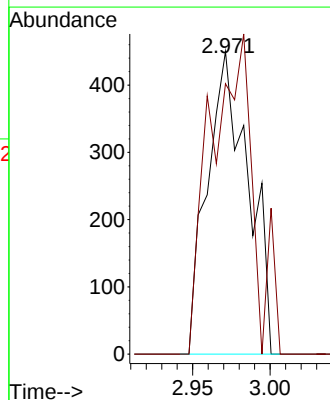
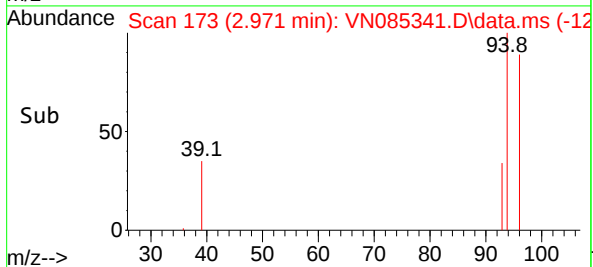
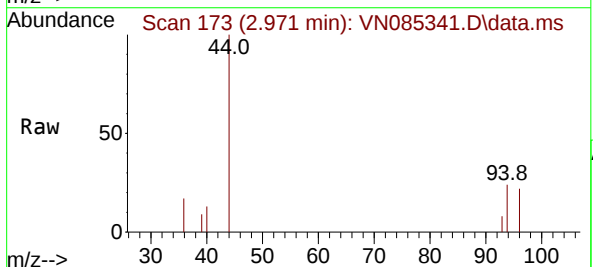


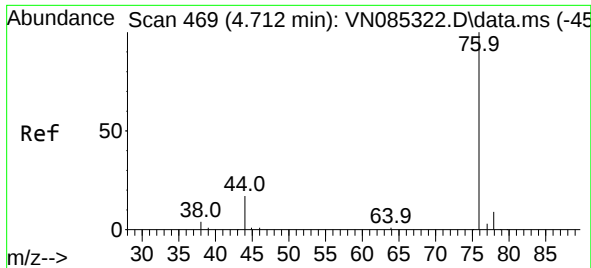
Tgt Ion:168 Resp: 161031
Ion Ratio Lower Upper
168 100
99 66.0 51.0 76.4



#5
Bromomethane
Concen: 0.485 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.012 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

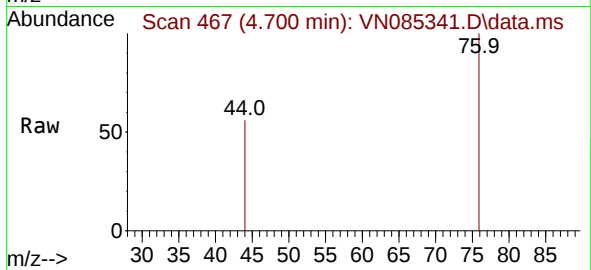
Tgt Ion: 94 Resp: 821
Ion Ratio Lower Upper
94 100
96 89.3 75.2 112.8



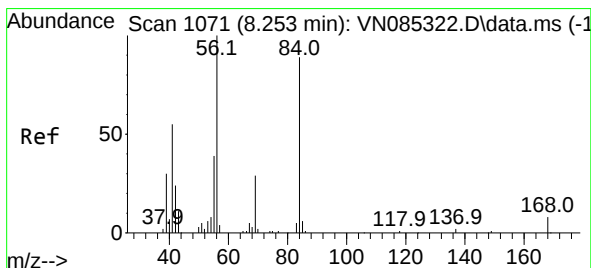
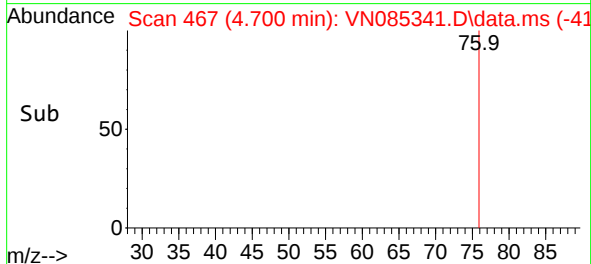
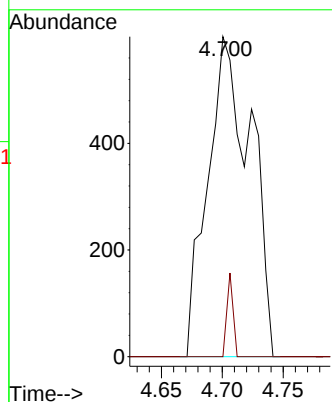


#17
Carbon Disulfide
Concen: 0.272 ug/l
RT: 4.700 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :

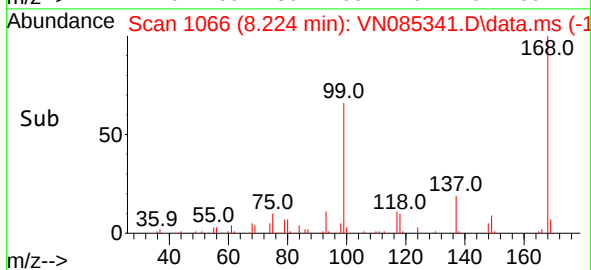
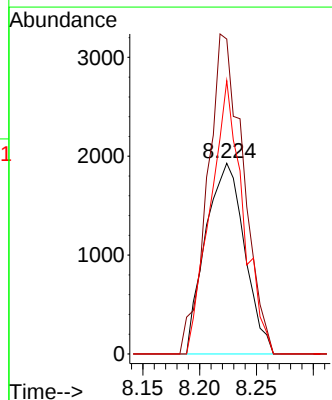
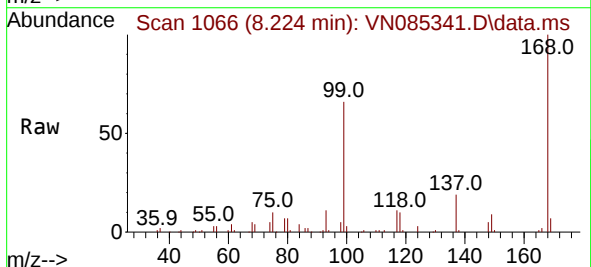


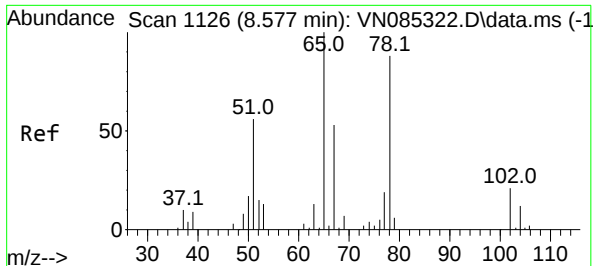
Tgt Ion: 76 Resp: 1480
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#31
Cyclohexane
Concen: 1.357 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Tgt Ion: 56 Resp: 4608
Ion Ratio Lower Upper
56 100
69 165.2 23.4 35.0#
84 143.3 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 57.256 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN085341.D

Acq: 30 Dec 2024 13:26

Instrument :

MSVOA_N

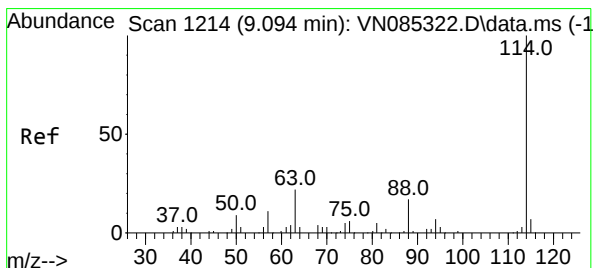
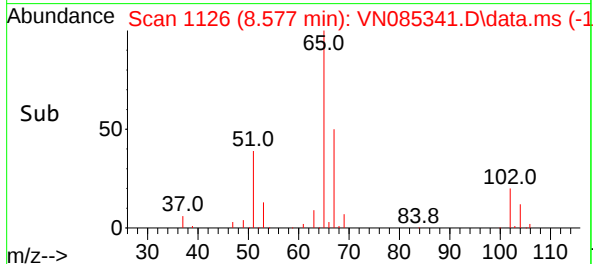
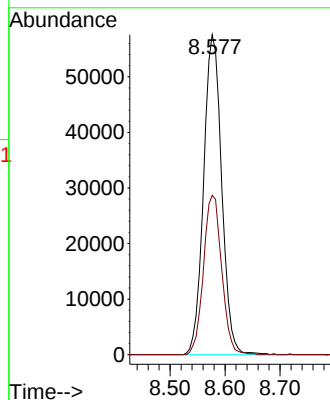
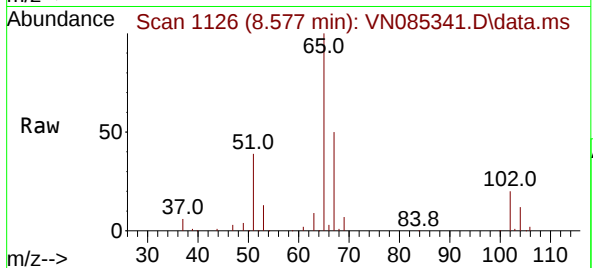
ClientSampleId :

Tgt Ion: 65 Resp: 131504

Ion Ratio Lower Upper

65 100

67 50.2 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085341.D

Acq: 30 Dec 2024 13:26

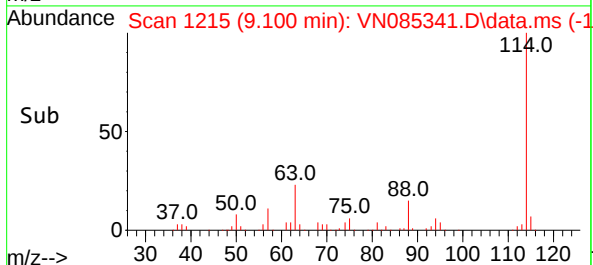
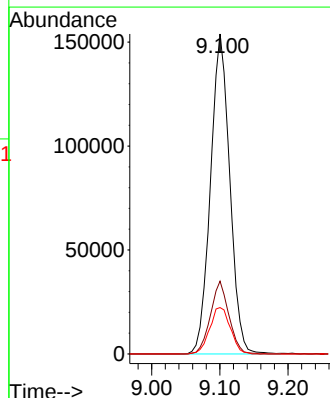
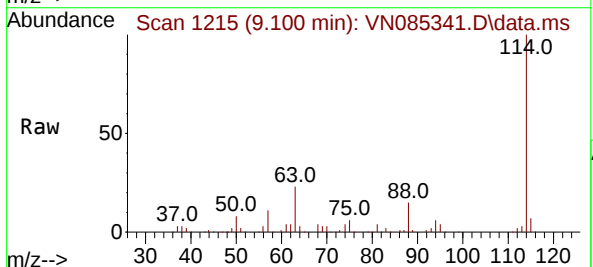
Tgt Ion: 114 Resp: 303169

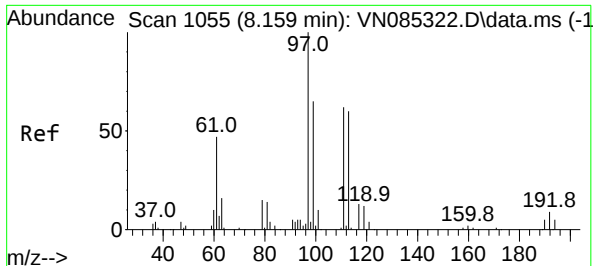
Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.4

88 14.5 0.0 33.6





#35

Dibromofluoromethane

Concen: 52.808 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085341.D

Acq: 30 Dec 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

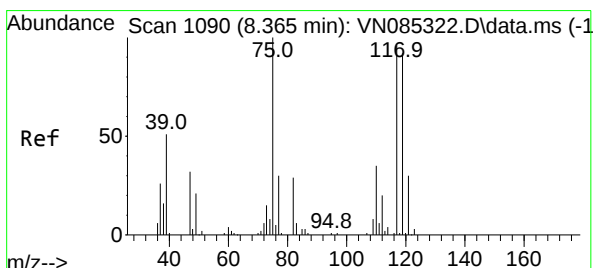
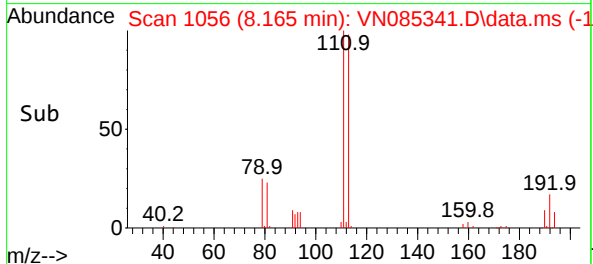
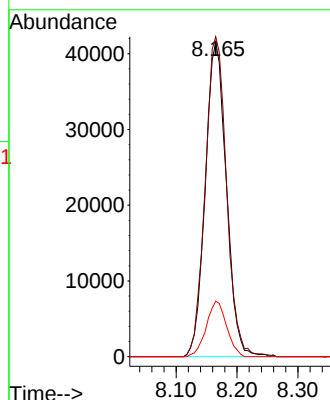
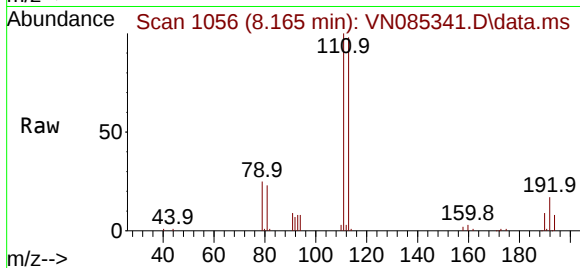
Tgt Ion:113 Resp: 99877

Ion Ratio Lower Upper

113 100

111 102.8 80.5 120.7

192 17.0 12.9 19.3



#36

1,1-Dichloropropene

Concen: 5.550 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085341.D

Acq: 30 Dec 2024 13:26

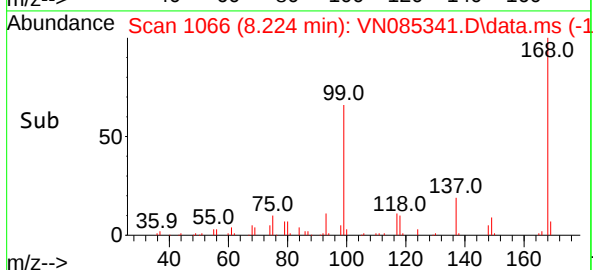
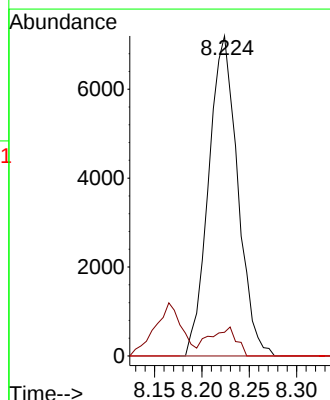
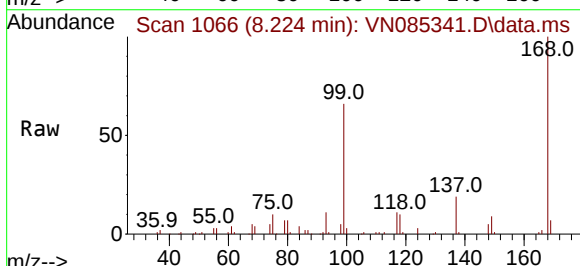
Tgt Ion: 75 Resp: 15368

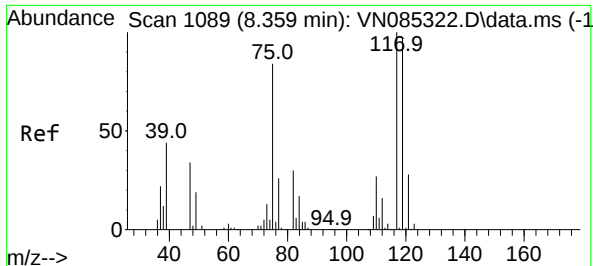
Ion Ratio Lower Upper

75 100

110 8.3 16.6 49.8#

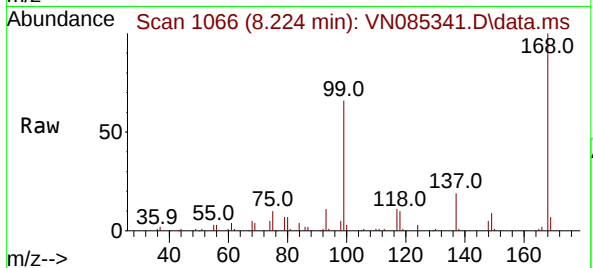
77 0.0 24.3 36.5#



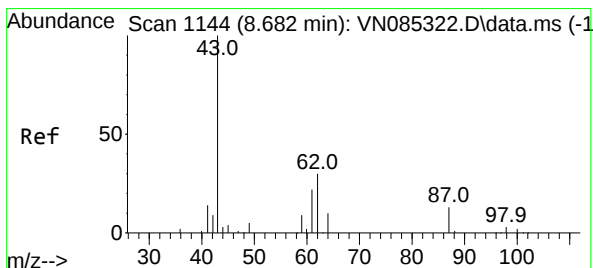
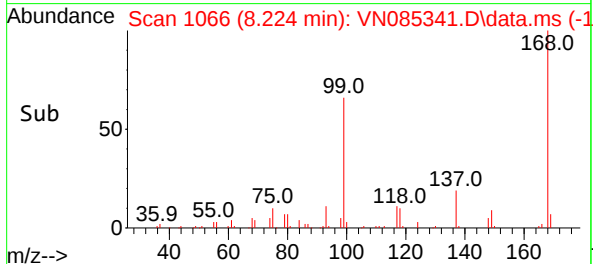
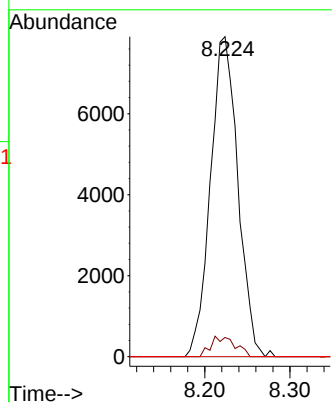


#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :

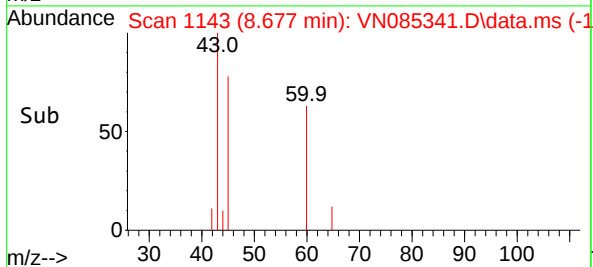
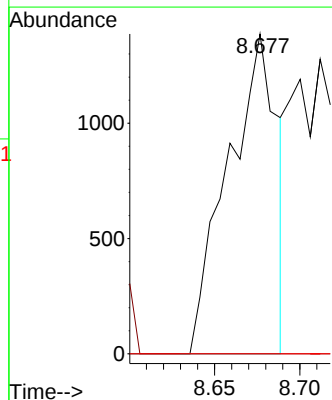
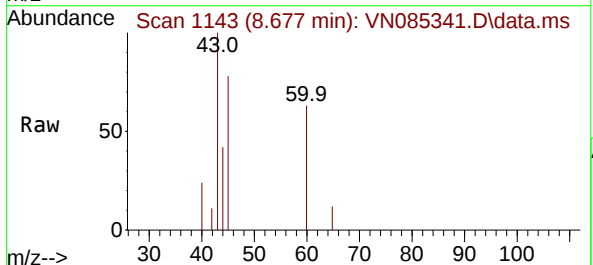


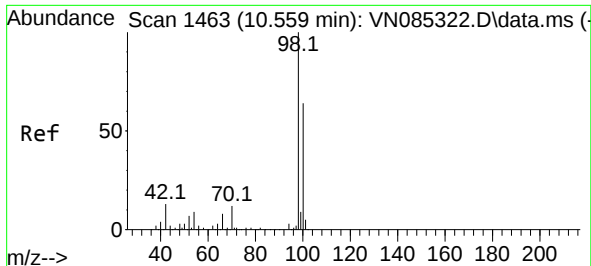
Tgt Ion:117 Resp: 17676
Ion Ratio Lower Upper
117 100
119 6.0 77.8 116.6#
121 0.0 22.5 33.7#



#43
Isopropyl Acetate
Concen: 0.611 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.006 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Tgt Ion: 43 Resp: 2768
Ion Ratio Lower Upper
43 100
61 0.0 20.8 31.2#
87 0.0 10.2 15.4#

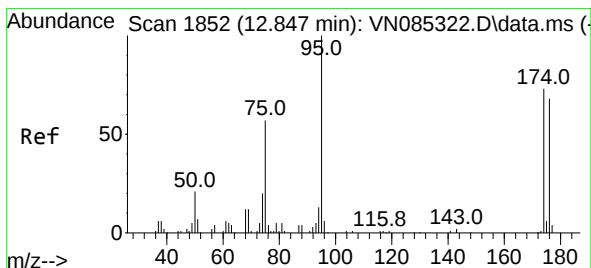
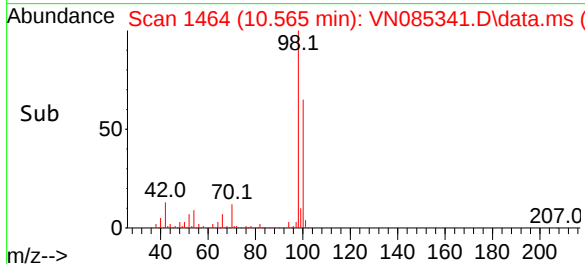
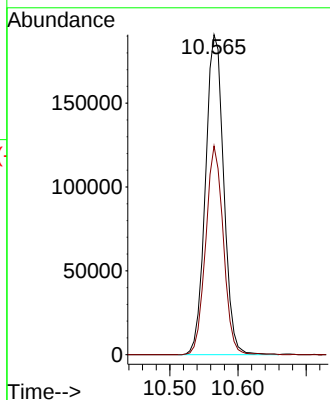
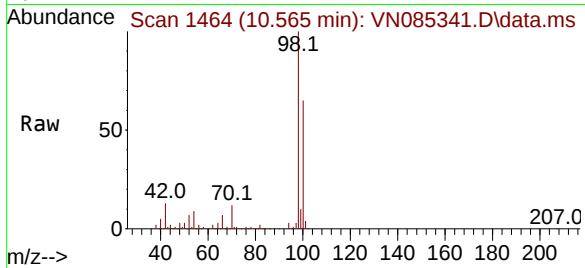




#50
Toluene-d8
Concen: 51.119 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

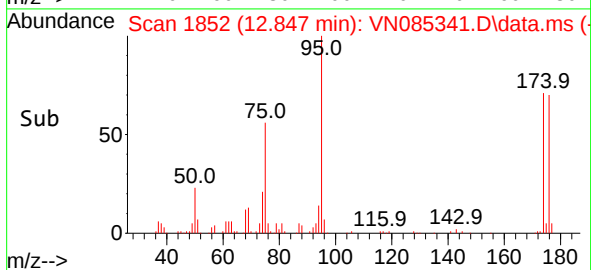
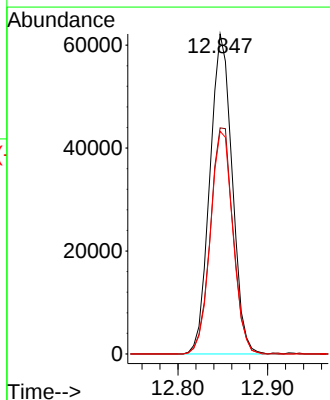
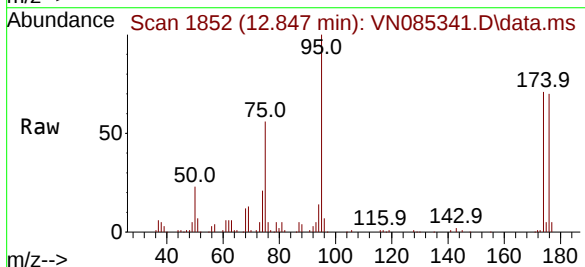
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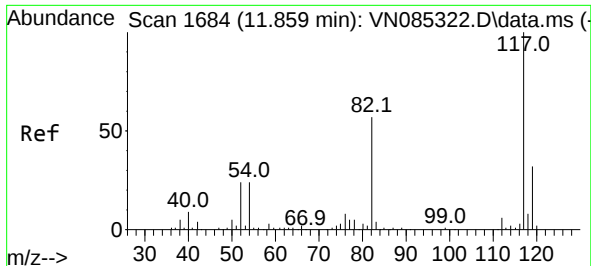
Tgt Ion: 98 Resp: 354787
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 46.497 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Tgt Ion: 95 Resp: 107174
Ion Ratio Lower Upper
95 100
174 72.1 0.0 143.2
176 70.3 0.0 135.8

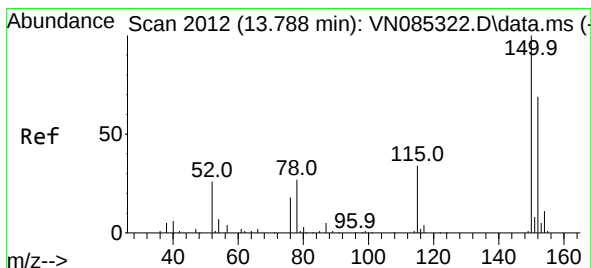
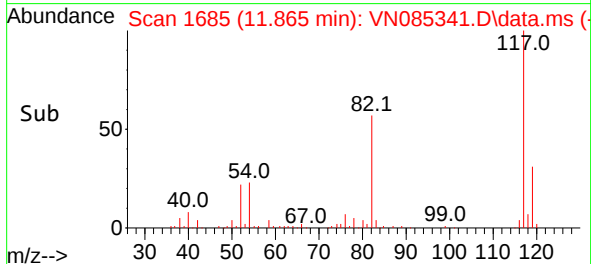
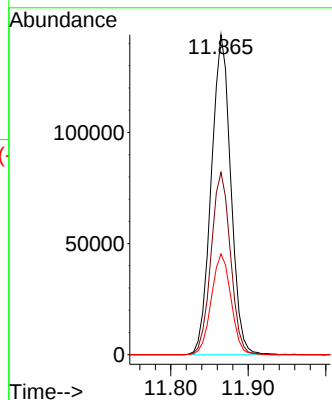
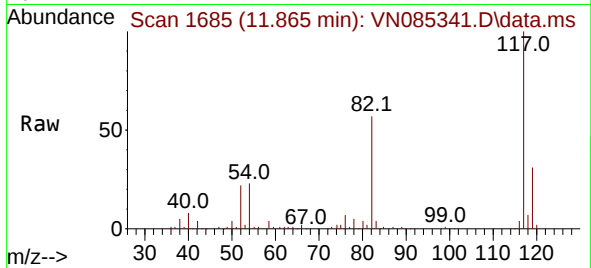




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

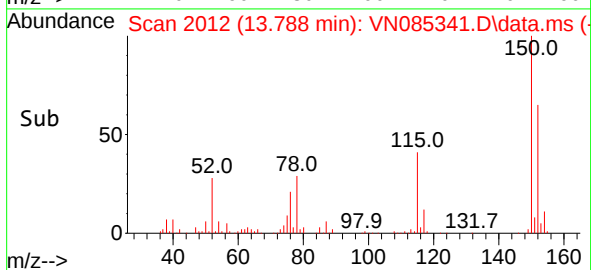
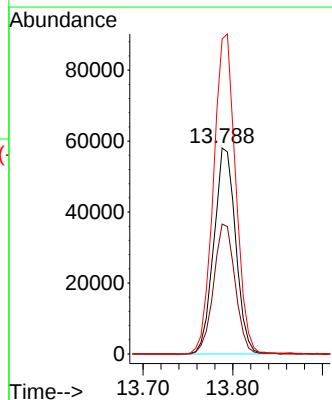
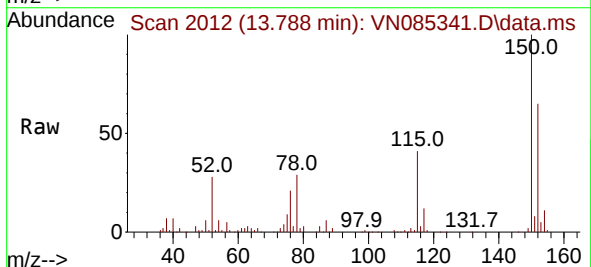
Instrument :
MSVOA_N
ClientSampleId :

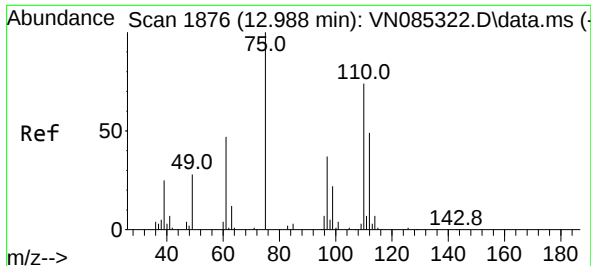
Tgt Ion:117 Resp: 251914
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.4 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Tgt Ion:152 Resp: 97891
Ion Ratio Lower Upper
152 100
115 62.5 30.4 91.3
150 158.0 0.0 345.0

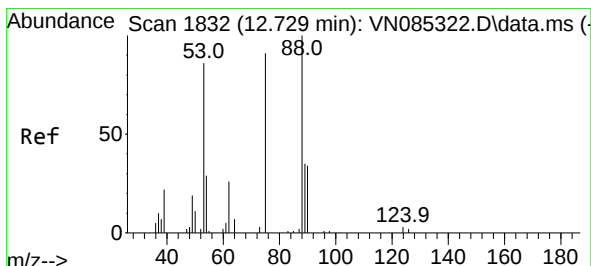
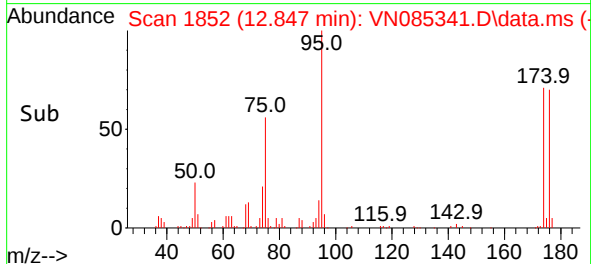
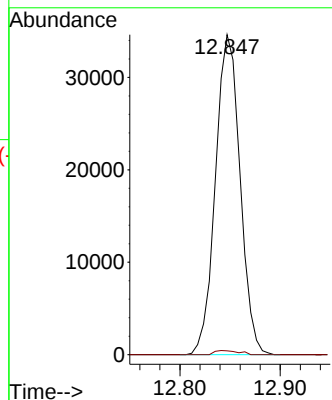
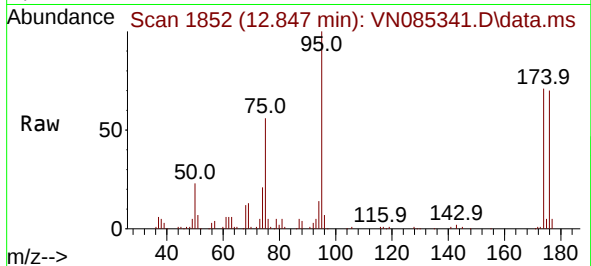




#76
1,2,3-Trichloropropane
Concen: 32.232 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

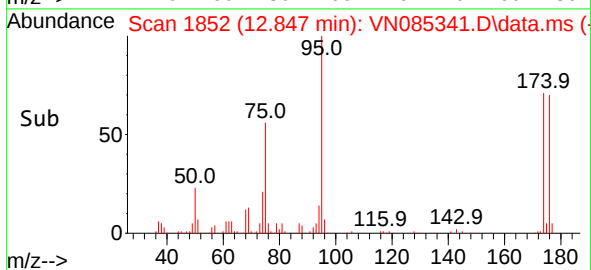
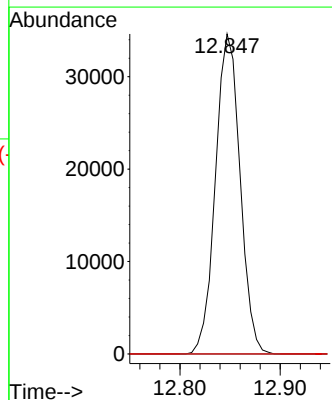
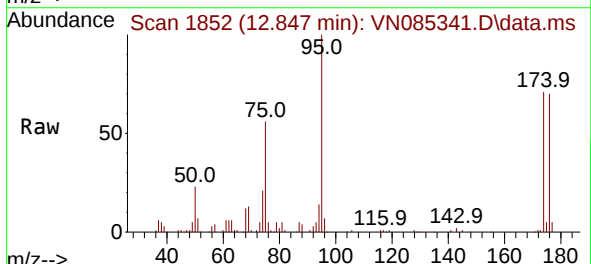
Instrument :
MSVOA_N
ClientSampleId :

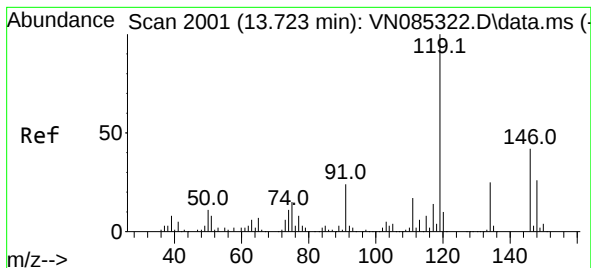
Tgt Ion: 75 Resp: 58920
Ion Ratio Lower Upper
75 100
77 1.3 98.1 294.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.190 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Tgt Ion: 75 Resp: 58920
Ion Ratio Lower Upper
75 100
53 0.0 80.0 120.0#
89 0.0 35.8 53.8#





#86

p-Isopropyltoluene

Concen: 0.211 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN085341.D

Acq: 30 Dec 2024 13:26

Instrument :

MSVOA_N

ClientSampleId :

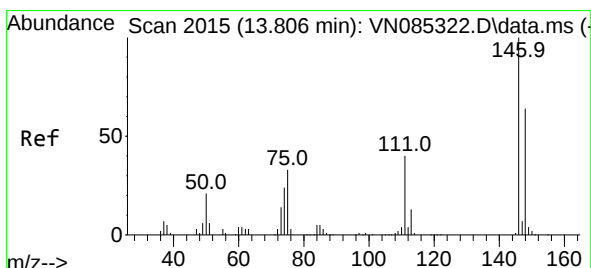
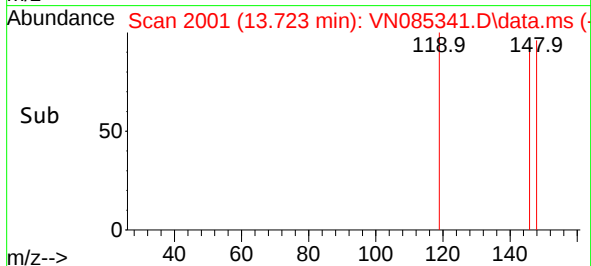
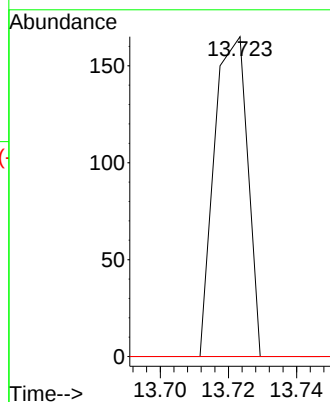
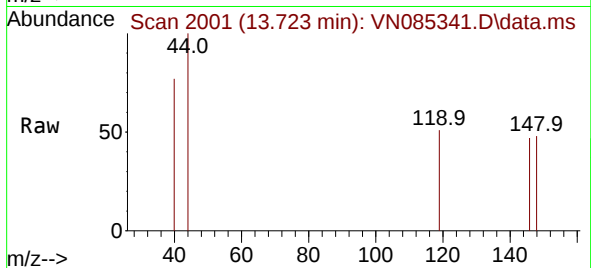
Tgt Ion:119 Resp: 111

Ion Ratio Lower Upper

119 100

134 0.0 12.5 37.5#

91 0.0 12.2 36.4#



#88

1,4-Dichlorobenzene

Concen: 0.212 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.012 min

Lab File: VN085341.D

Acq: 30 Dec 2024 13:26

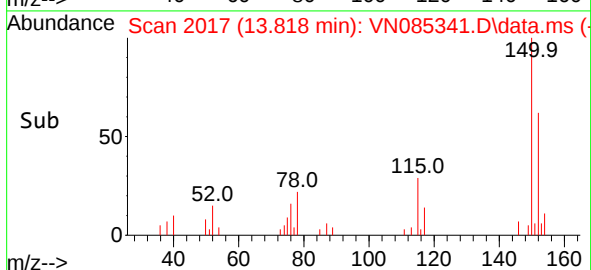
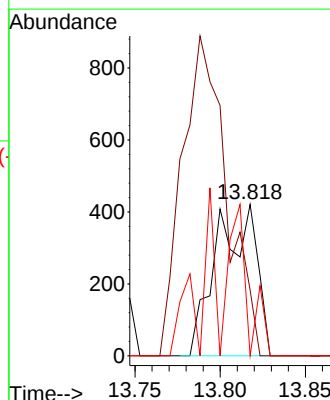
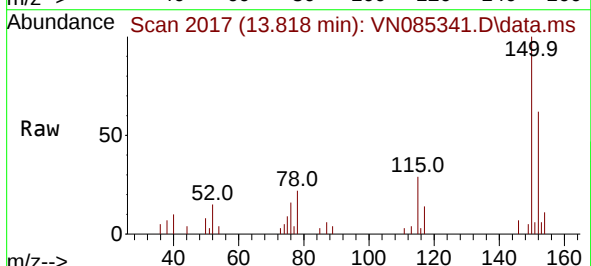
Tgt Ion:146 Resp: 687

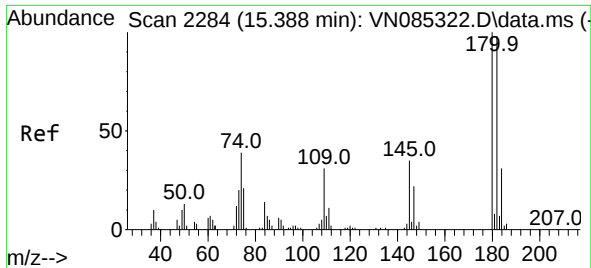
Ion Ratio Lower Upper

146 100

111 0.0 20.8 62.5#

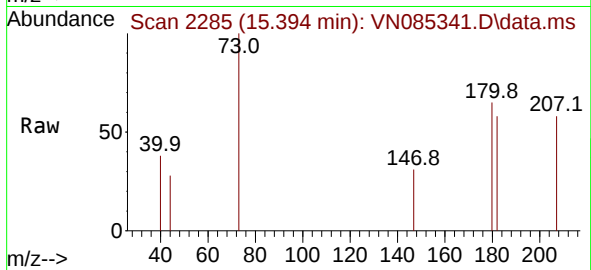
148 48.3 31.7 95.1



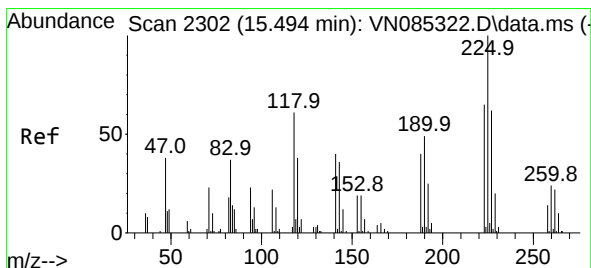
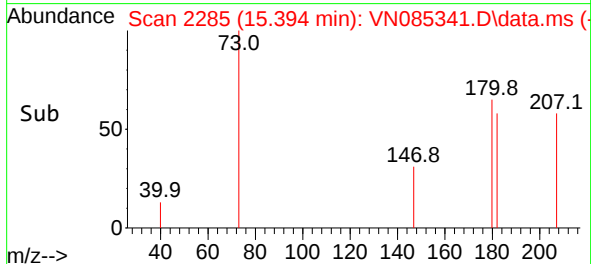
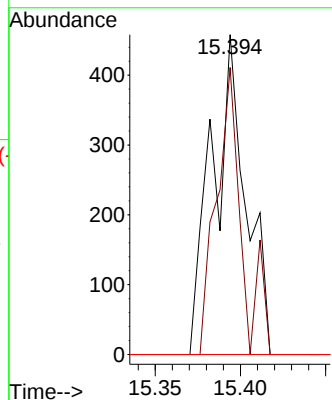


#93
1,2,4-Trichlorobenzene
Concen: 0.419 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :

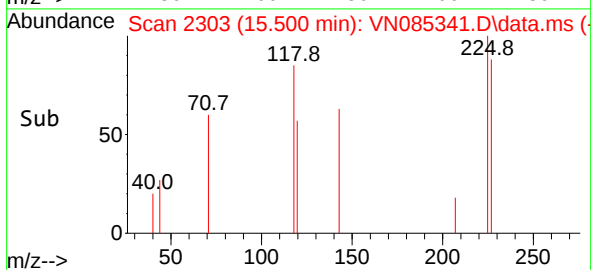
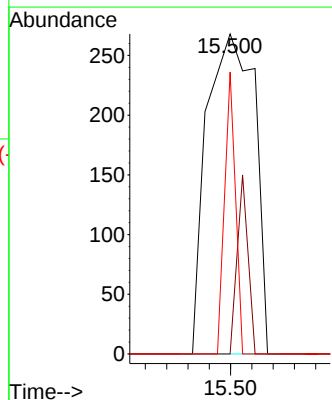
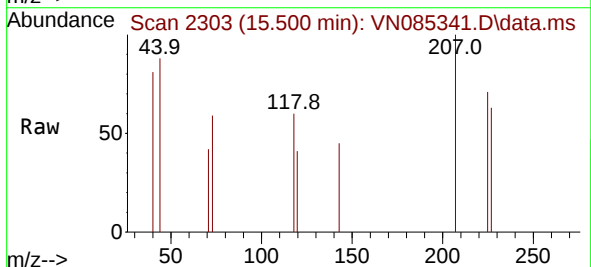


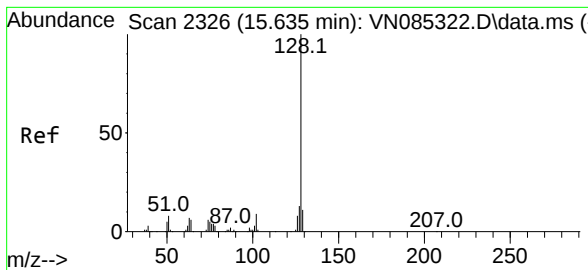
Tgt Ion:180 Resp: 630
Ion Ratio Lower Upper
180 100
182 66.8 47.2 141.6
145 0.0 16.6 49.8#



#94
Hexachlorobutadiene
Concen: 0.558 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. 0.006 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

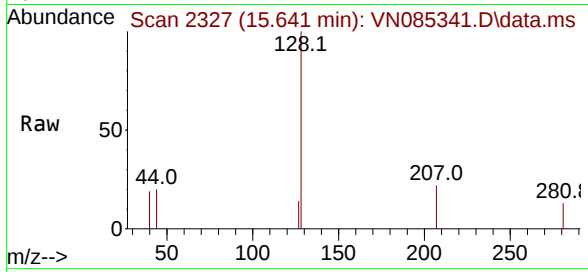
Tgt Ion:225 Resp: 417
Ion Ratio Lower Upper
225 100
223 12.7 31.6 94.7#
227 19.9 30.3 91.0#





#95
Naphthalene
Concen: 0.511 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085341.D
Acq: 30 Dec 2024 13:26

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	2606
Ion	Ratio	Lower	Upper
128	100		
127	9.1	10.6	16.0#
129	2.5	8.5	12.7#

