

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021925\
 Data File : VN085790.D
 Acq On : 19 Feb 2025 15:08
 Operator : JC\MD
 Sample : Q1380-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-GW-780-782

Quant Time: Feb 20 00:49:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

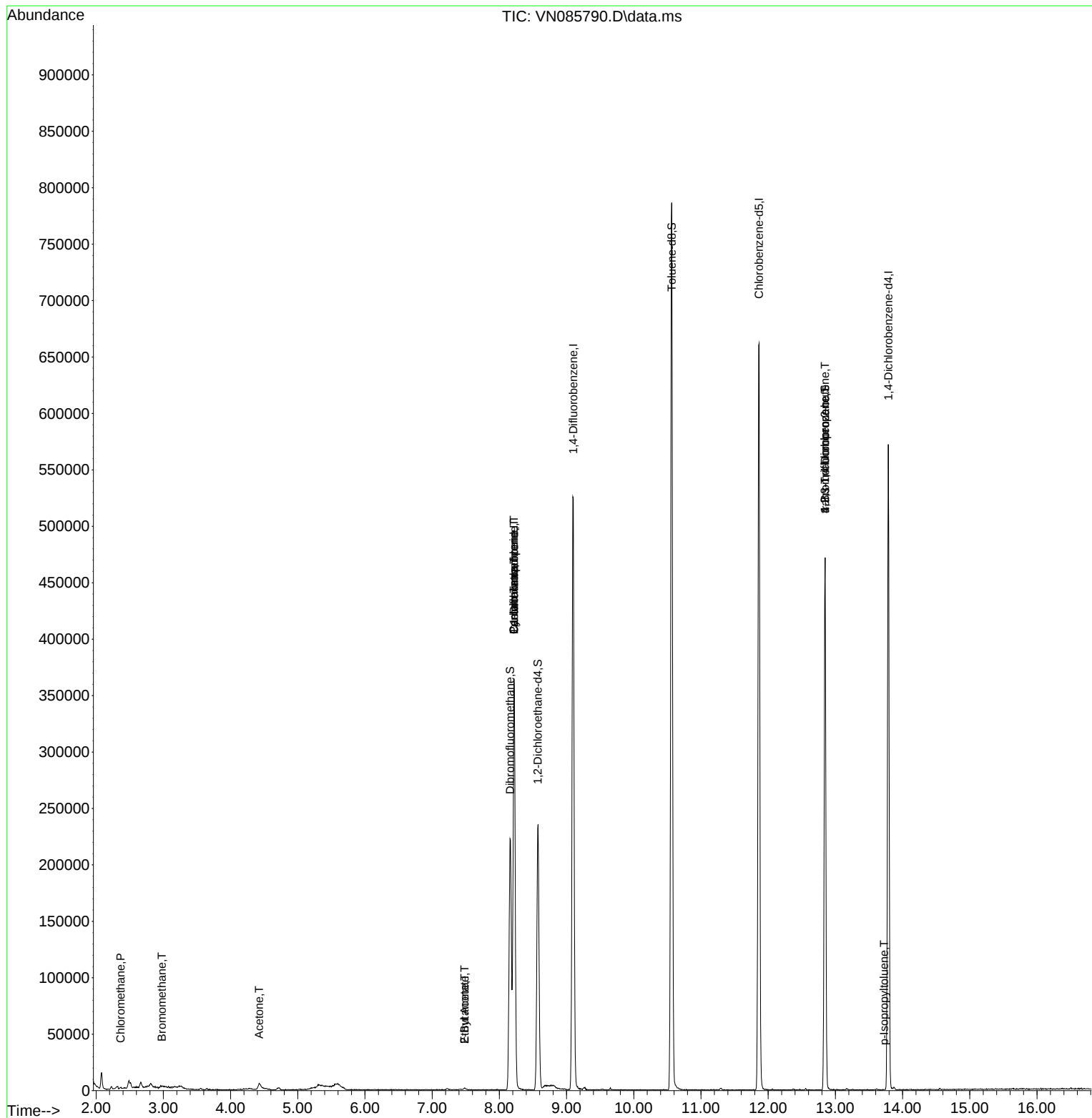
Internal Standards						
1) Pentafluorobenzene	8.218	168	259651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	470979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	403744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	193493	57.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 114.960%		
35) Dibromofluoromethane	8.159	113	164754	53.459	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 106.920%		
50) Toluene-d8	10.565	98	566832	50.552	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 101.100%		
62) 4-Bromofluorobenzene	12.847	95	169080	45.767	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 91.540%		
Target Compounds						
						Qvalue
3) Chloromethane	2.365	50	946	0.267	ug/l #	84
5) Bromomethane	2.977	94	933	0.389	ug/l	89
16) Acetone	4.424	43	10115	9.496	ug/l	98
25) 2-Butanone	7.483	43	2991	1.909	ug/l #	88
31) Cyclohexane	8.218	56	5395	1.122	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	21205	4.862	ug/l #	49
37) Ethyl Acetate	7.483	43	2991	0.833	ug/l #	66
38) Carbon Tetrachloride	8.218	117	26330	5.081	ug/l #	20
43) Isopropyl Acetate	8.688	43	3334	Below Cal	#	53
76) 1,2,3-Trichloropropane	12.847	75	82077	23.467	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	82077	68.473	ug/l #	12
86) p-Isopropyltoluene	13.723	119	73	0.633	ug/l #	50

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

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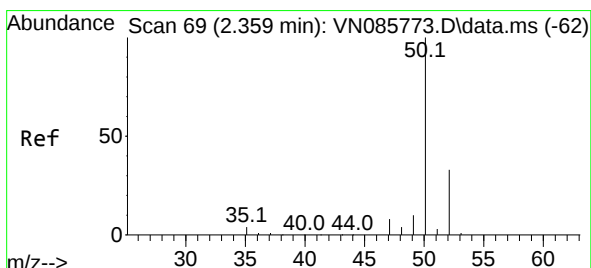
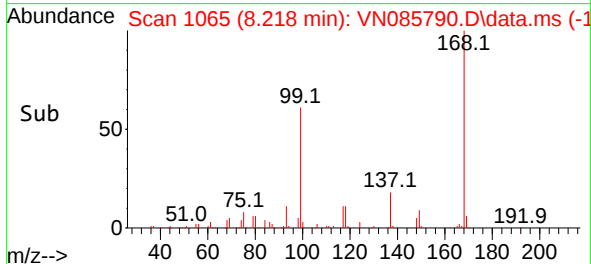
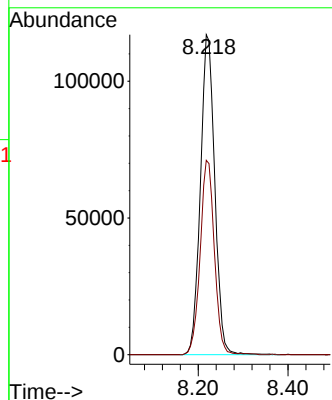
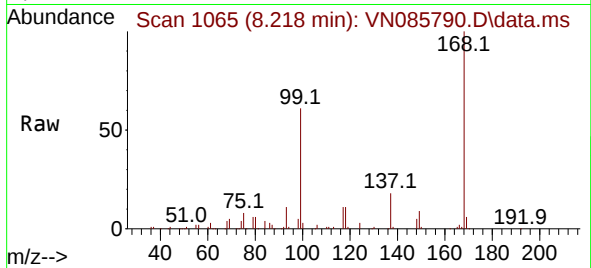




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

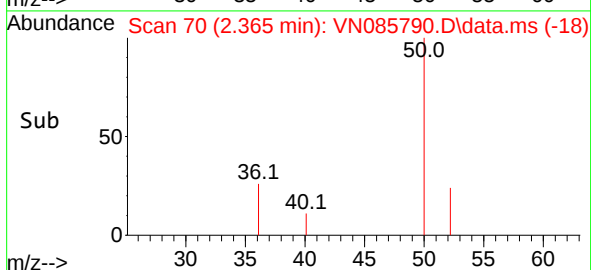
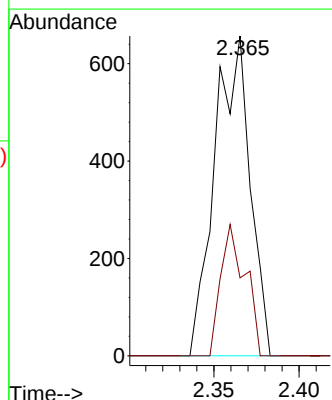
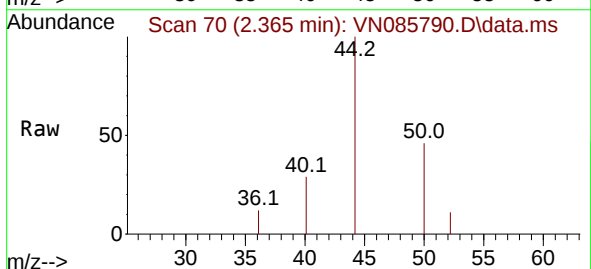
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-780-782

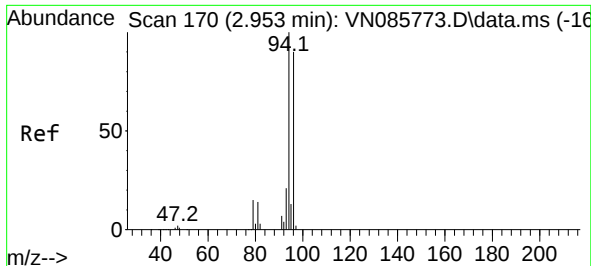
Tgt Ion:168 Resp: 259651
Ion Ratio Lower Upper
168 100
99 60.8 47.9 71.9



#3
Chloromethane
Concen: 0.267 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

Tgt Ion: 50 Resp: 946
Ion Ratio Lower Upper
50 100
52 24.4 26.7 40.1#

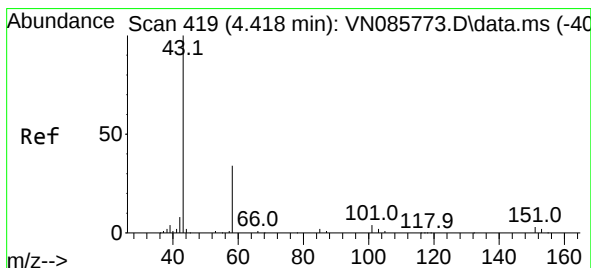
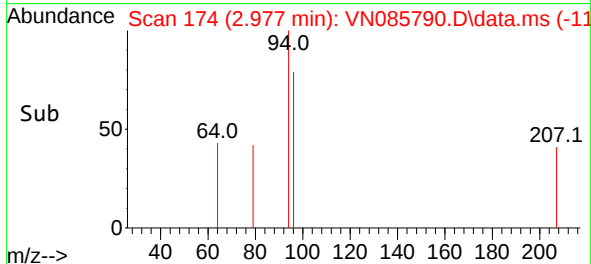
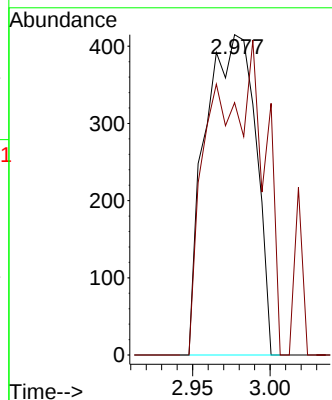
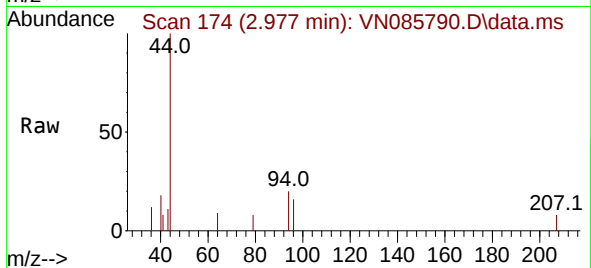




#5
Bromomethane
Concen: 0.389 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

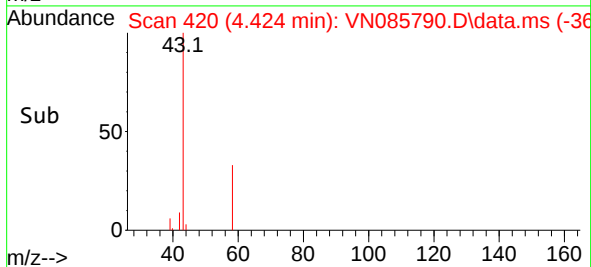
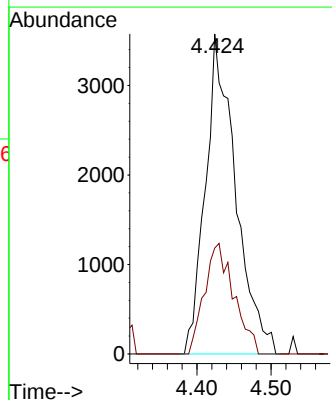
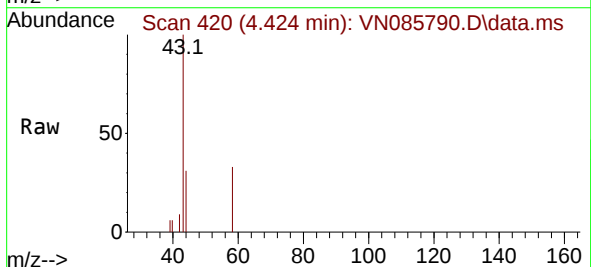
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-780-782

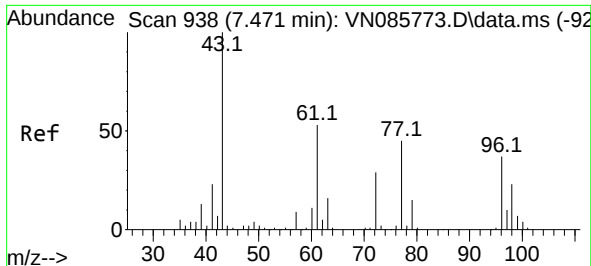
Tgt Ion: 94 Resp: 933
Ion Ratio Lower Upper
94 100
96 78.8 71.7 107.5



#16
Acetone
Concen: 9.496 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

Tgt Ion: 43 Resp: 10115
Ion Ratio Lower Upper
43 100
58 33.1 27.5 41.3

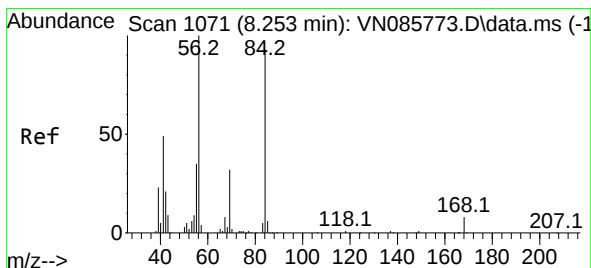
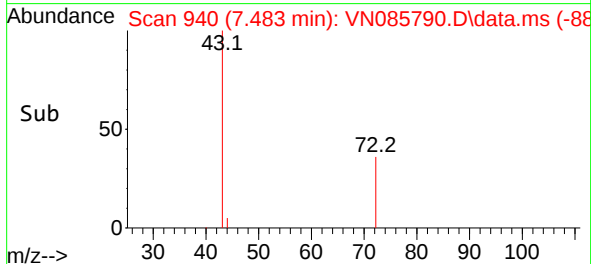
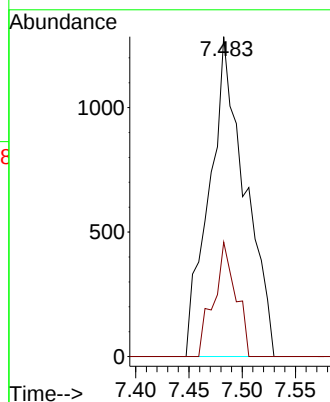
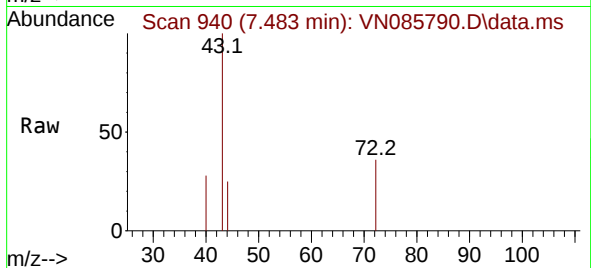




#25
2-Butanone
Concen: 1.909 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

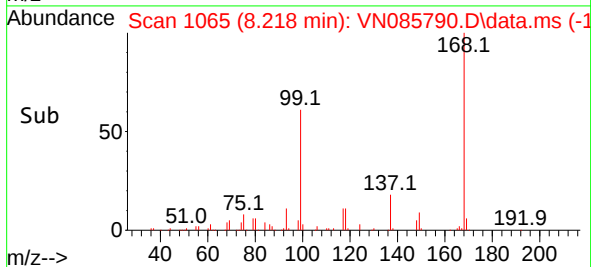
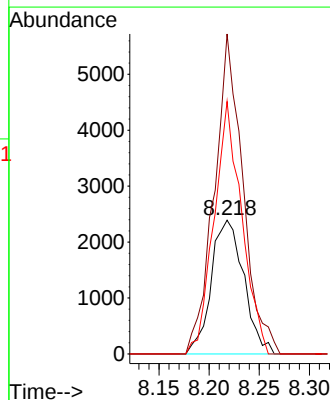
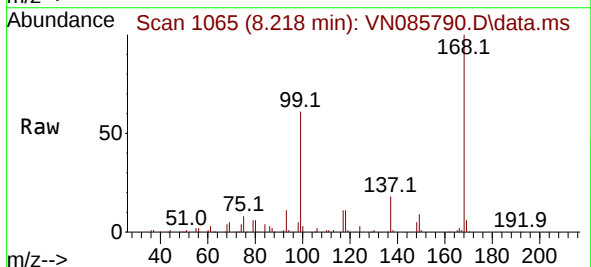
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-780-782

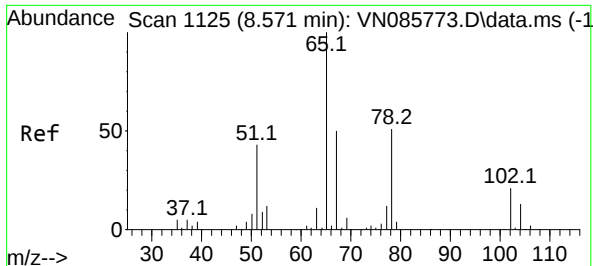
Tgt Ion: 43 Resp: 2991
Ion Ratio Lower Upper
43 100
72 35.8 23.6 35.4#



#31
Cyclohexane
Concen: 1.122 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

Tgt Ion: 56 Resp: 5395
Ion Ratio Lower Upper
56 100
69 239.1 25.8 38.6#
84 188.7 74.5 111.7#





#33

1,2-Dichloroethane-d4

Concen: 57.480 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VN085790.D

Acq: 19 Feb 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

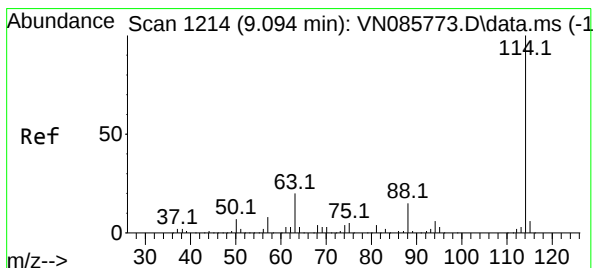
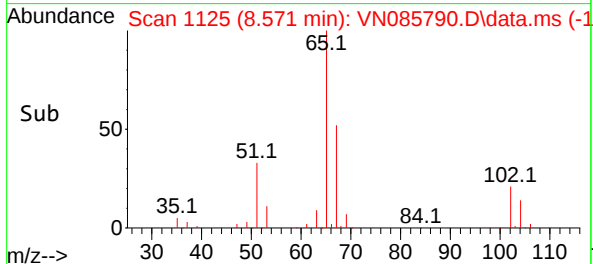
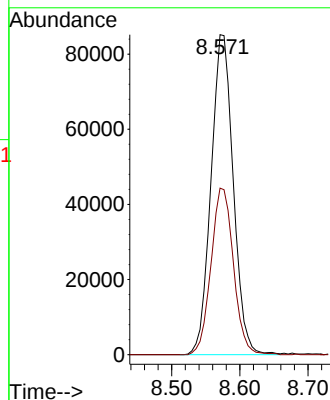
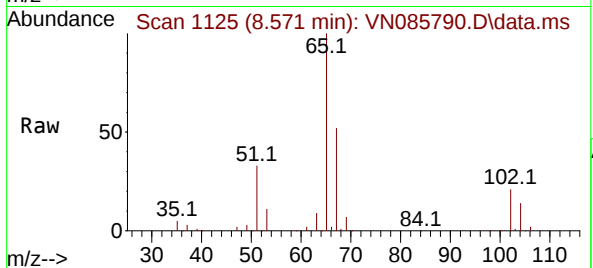
BP-VPB-192-GW-780-782

Tgt Ion: 65 Resp: 193493

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085790.D

Acq: 19 Feb 2025 15:08

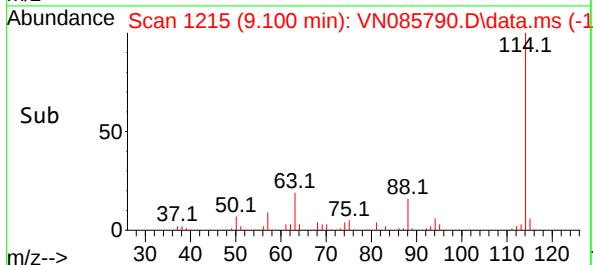
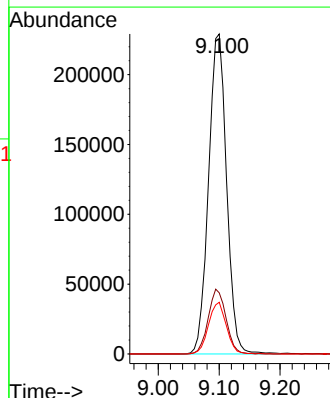
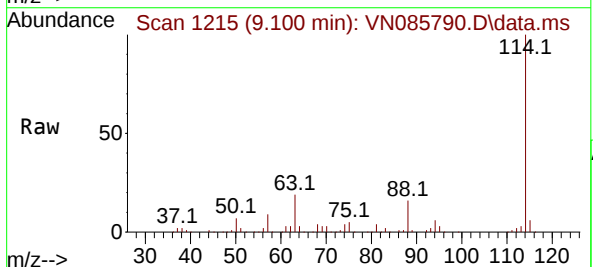
Tgt Ion: 114 Resp: 470979

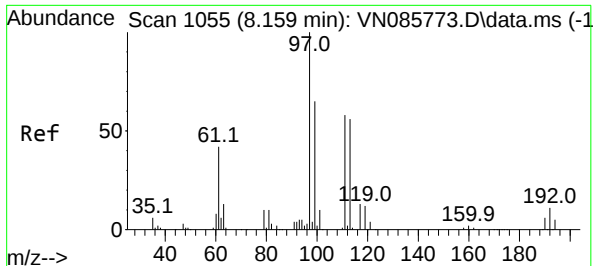
Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.2

88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 53.459 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085790.D

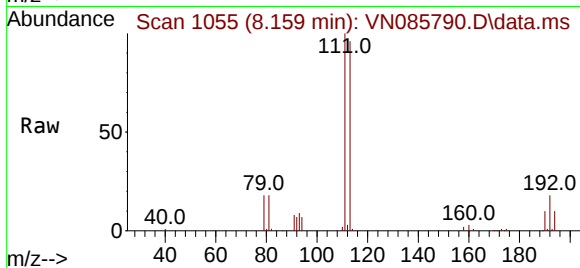
Acq: 19 Feb 2025 15:08

Instrument :

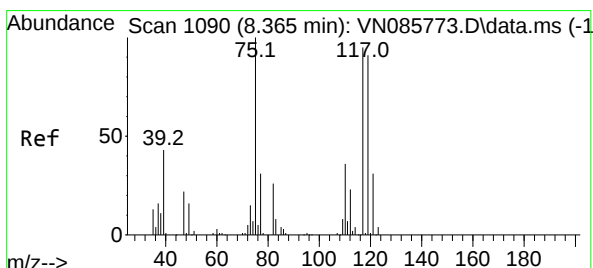
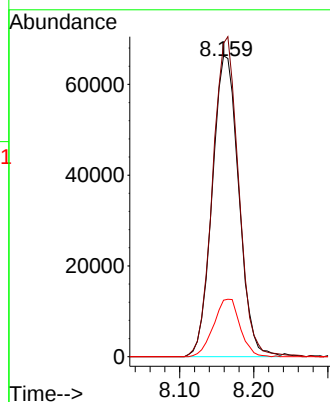
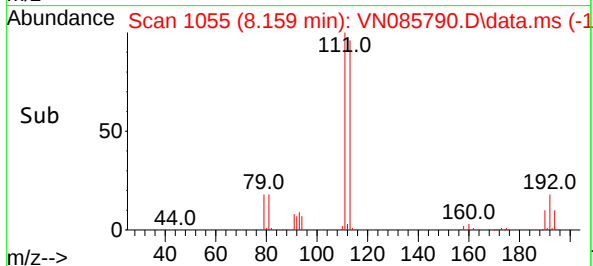
MSVOA_N

ClientSampleId :

BP-VPB-192-GW-780-782



Tgt Ion:	113	Resp:	164754
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.2	123.4
192	19.1	14.7	22.1



#36

1,1-Dichloropropene

Concen: 4.862 ug/l

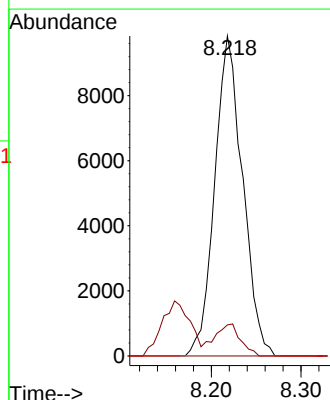
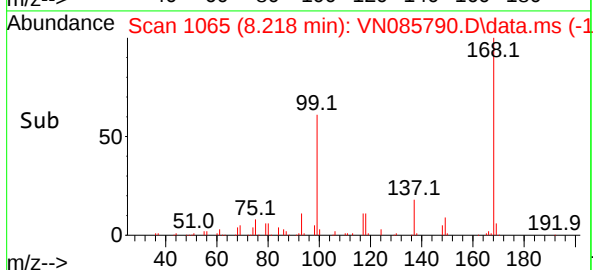
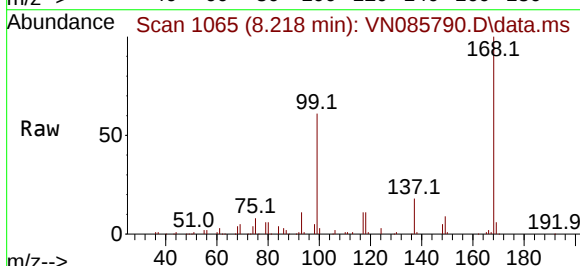
RT: 8.218 min Scan# 1065

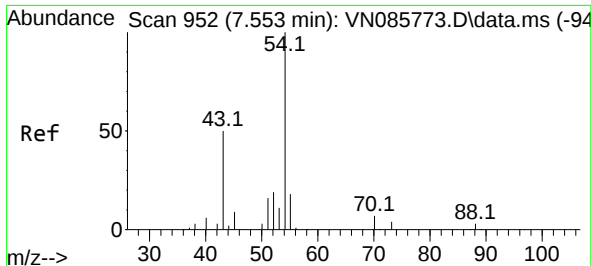
Delta R.T. -0.147 min

Lab File: VN085790.D

Acq: 19 Feb 2025 15:08

Tgt Ion:	75	Resp:	21205
Ion	Ratio	Lower	Upper
75	100		
110	7.9	17.3	52.0#
77	0.0	24.6	37.0#





#37

Ethyl Acetate

Concen: 0.833 ug/l

RT: 7.483 min Scan# 94

Delta R.T. -0.071 min

Lab File: VN085790.D

Acq: 19 Feb 2025 15:08

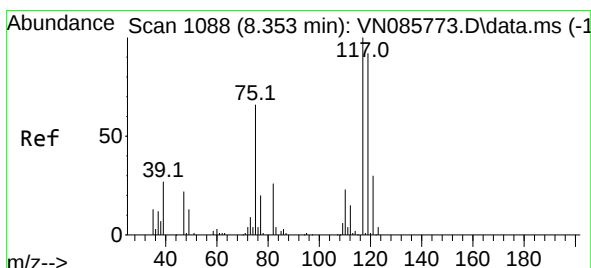
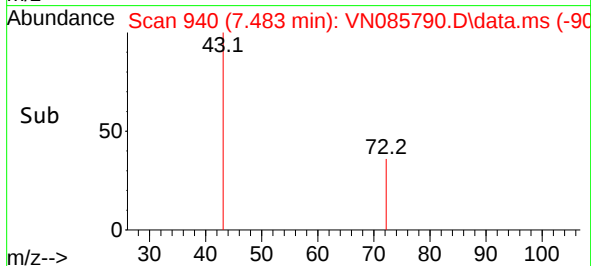
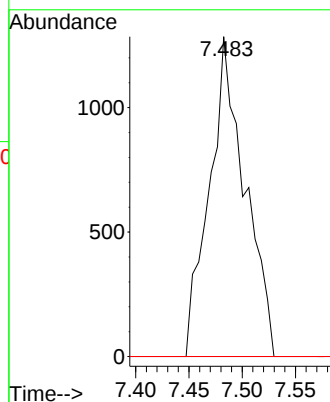
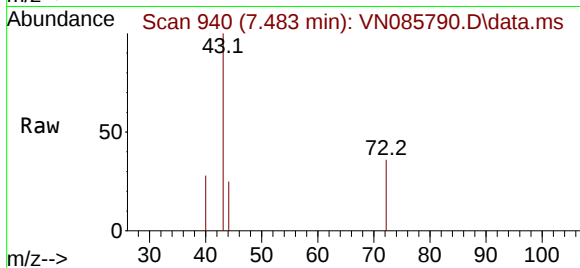
Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-192-GW-780-782

Tgt Ion:	43	Resp:	2991
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.2	18.2#
70	0.0	9.5	14.3#



#38

Carbon Tetrachloride

Concen: 5.081 ug/l

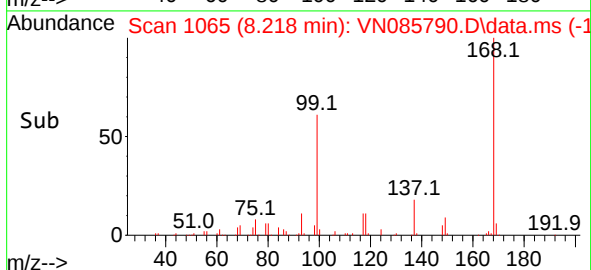
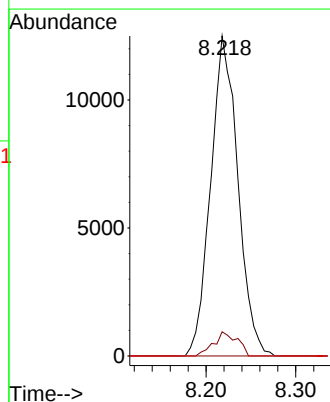
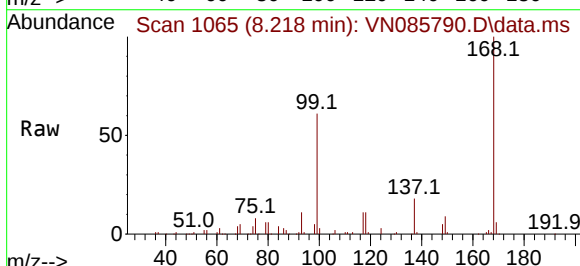
RT: 8.218 min Scan# 1065

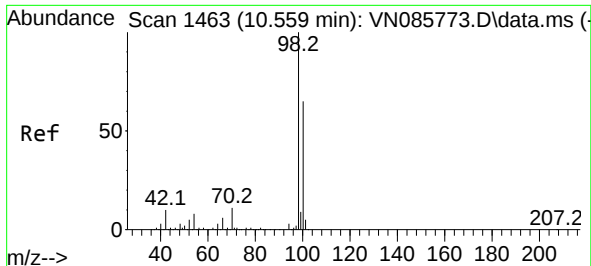
Delta R.T. -0.135 min

Lab File: VN085790.D

Acq: 19 Feb 2025 15:08

Tgt Ion:	117	Resp:	26330
Ion	Ratio	Lower	Upper
117	100		
119	7.6	73.8	110.6#
121	0.0	24.3	36.5#

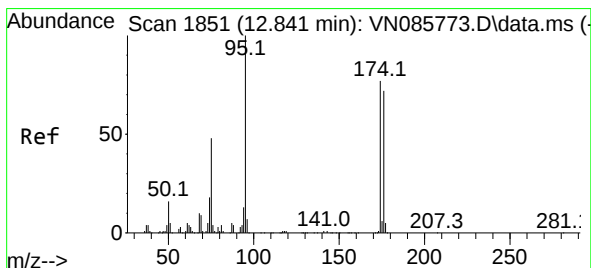
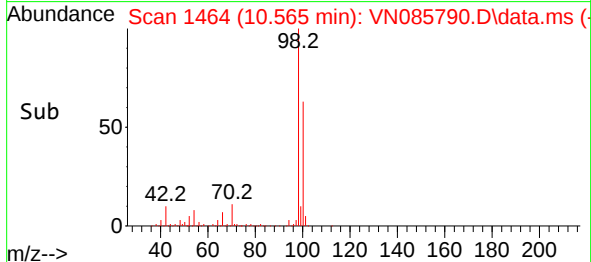
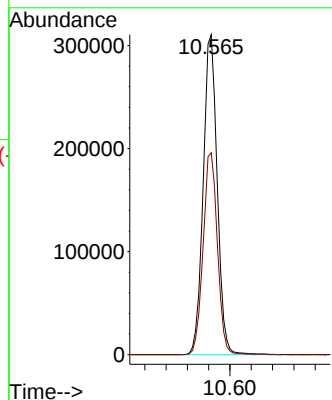
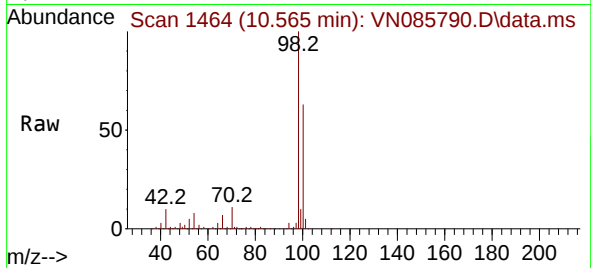




#50
Toluene-d8
Concen: 50.552 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

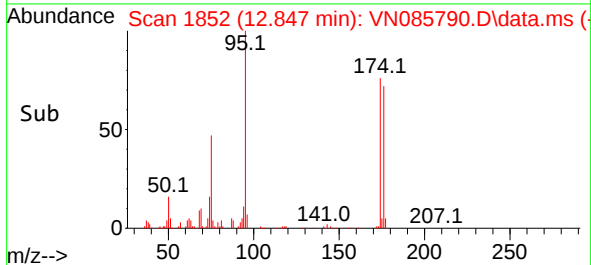
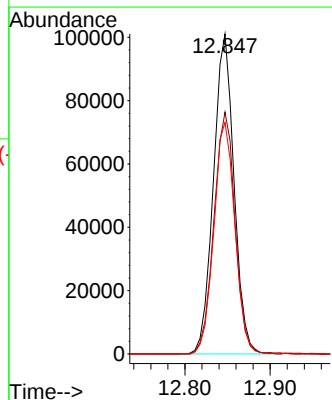
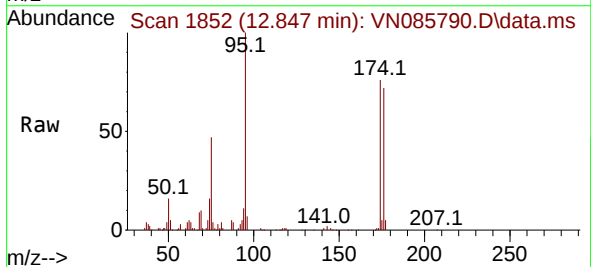
Instrument :
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BP-VPB-192-GW-780-782

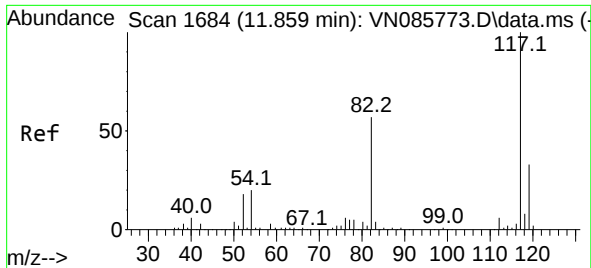
Tgt Ion: 98 Resp: 566832
Ion Ratio Lower Upper
98 100
100 64.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 45.767 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

Tgt Ion: 95 Resp: 169080
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.4
176 74.2 0.0 146.6

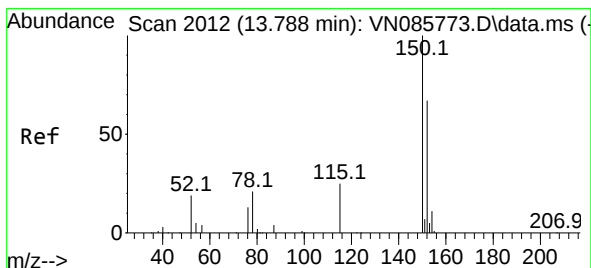
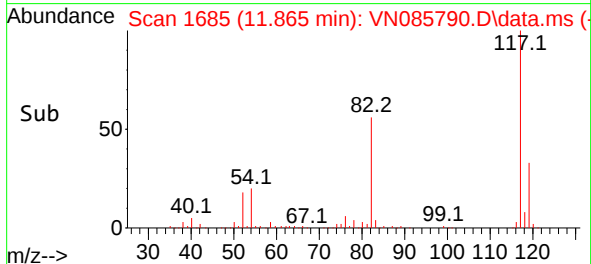
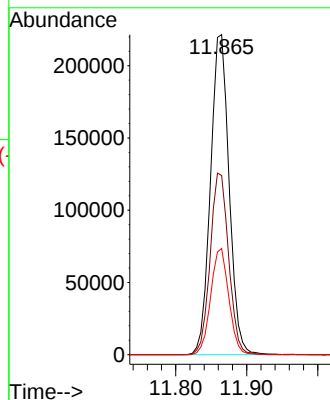
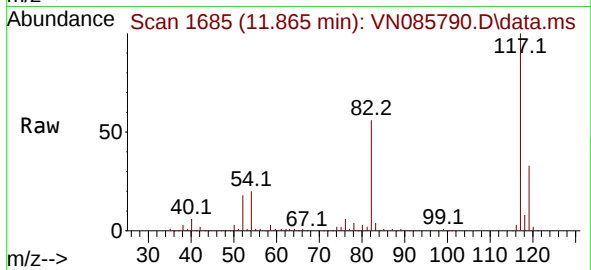




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

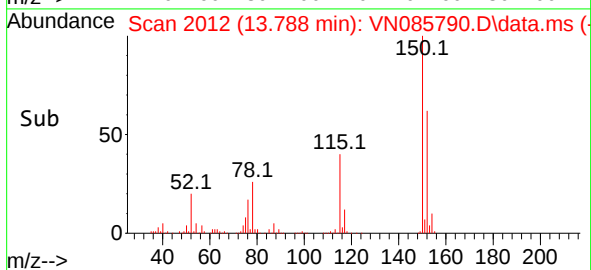
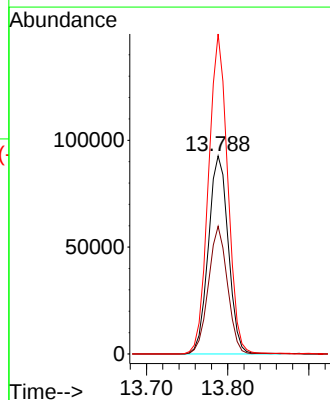
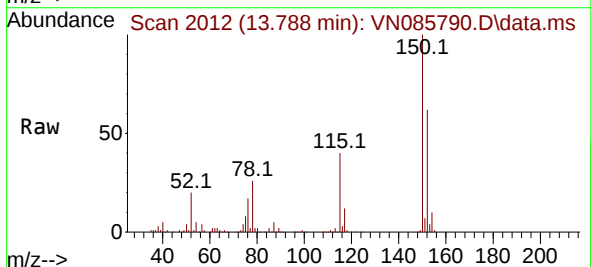
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-780-782

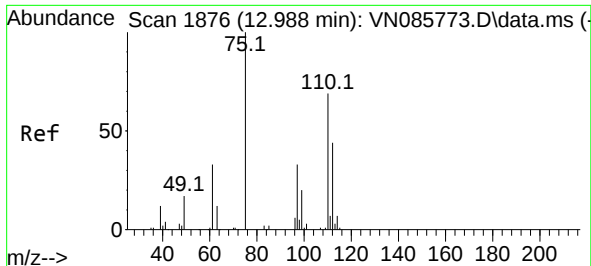
Tgt Ion:117 Resp: 403744
Ion Ratio Lower Upper
117 100
82 56.0 45.7 68.5
119 33.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

Tgt Ion:152 Resp: 157449
Ion Ratio Lower Upper
152 100
115 61.6 30.4 91.3
150 156.0 0.0 345.4

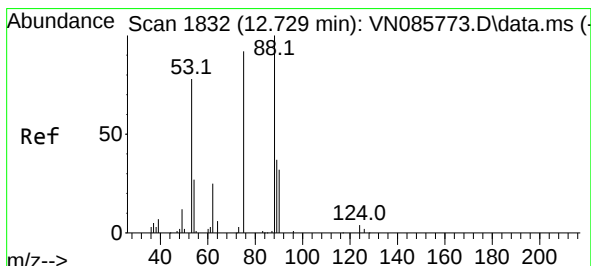
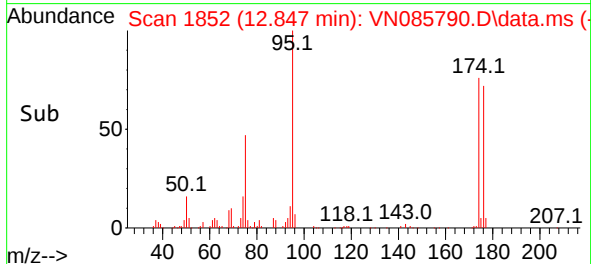
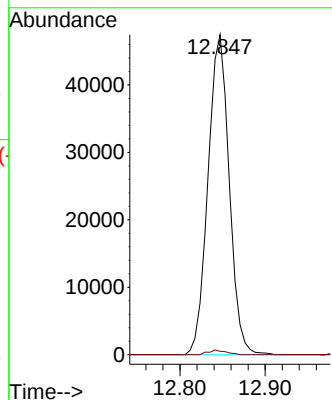
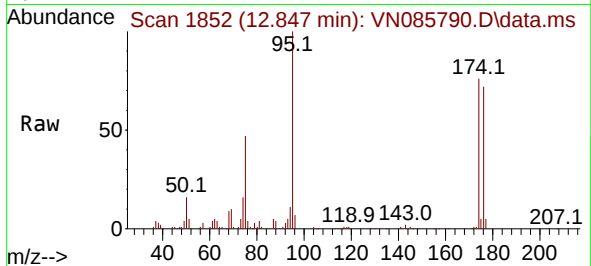




#76
1,2,3-Trichloropropane
Concen: 23.467 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

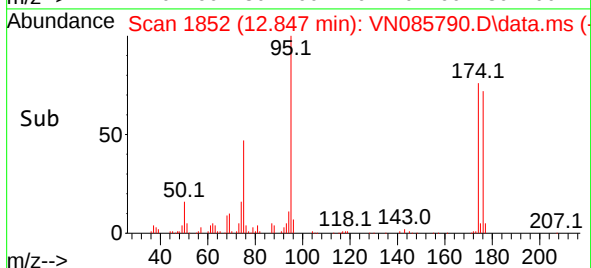
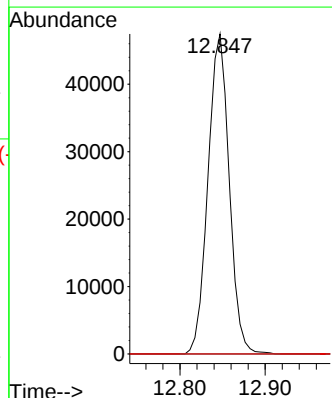
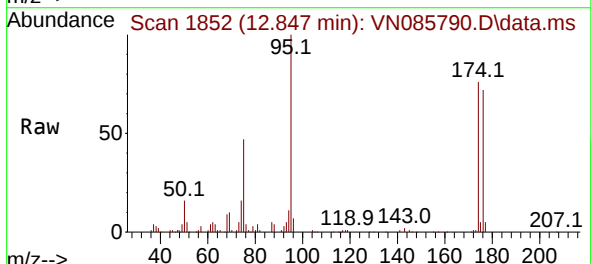
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-GW-780-782

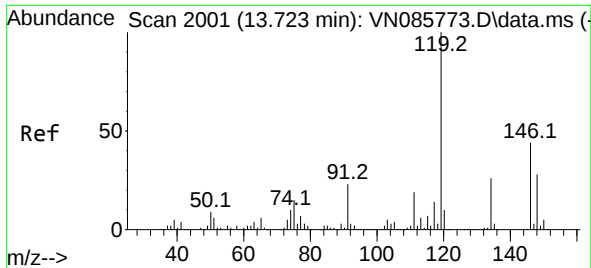
Tgt Ion: 75 Resp: 82077
Ion Ratio Lower Upper
75 100
77 1.2 100.0 300.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.473 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.118 min
Lab File: VN085790.D
Acq: 19 Feb 2025 15:08

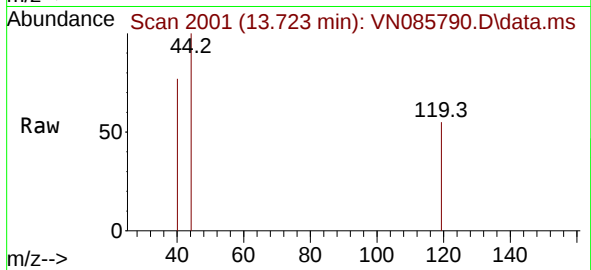
Tgt Ion: 75 Resp: 82077
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.9 52.3#





#86
 p-Isopropyltoluene
 Concen: 0.633 ug/l
 RT: 13.723 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085790.D
 Acq: 19 Feb 2025 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-GW-780-782



Tgt Ion:	119	Resp:	73
Ion	Ratio	Lower	Upper
119	100		
134	0.0	13.0	39.0#
91	0.0	11.7	35.1#

