

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082592.D
 Acq On : 14 Jun 2024 18:54
 Operator : JC\MD
 Sample : P2890-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-338-340

Quant Time: Jun 14 23:49:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

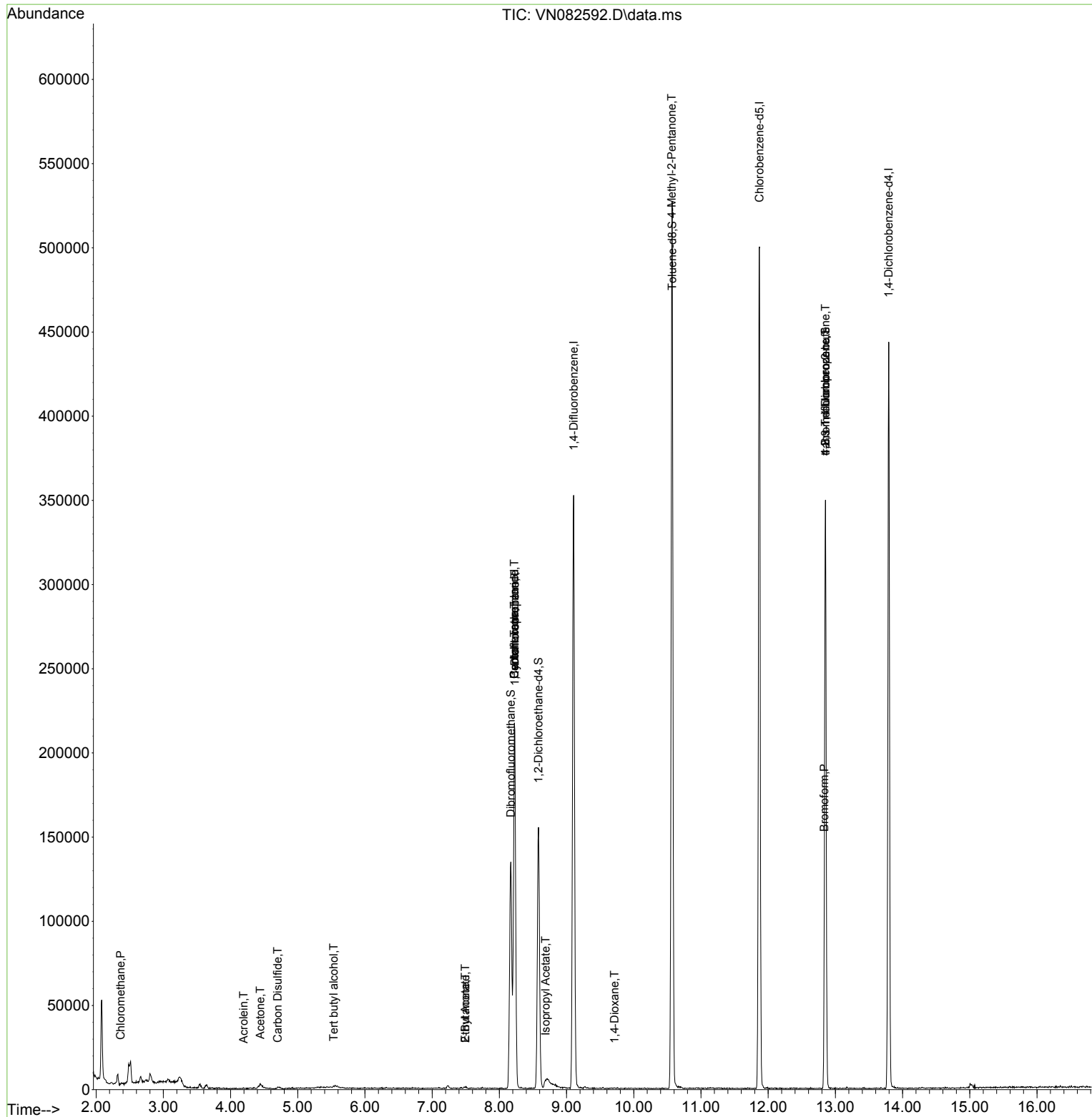
Internal Standards						
1) Pentafluorobenzene	8.224	168	149125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	277049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	265591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109928	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	128981	54.775	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.560%		
35) Dibromofluoromethane	8.171	113	94053	55.186	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 110.380%		
50) Toluene-d8	10.571	98	339831	52.009	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.020%		
62) 4-Bromofluorobenzene	12.853	95	109473	46.941	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	= 93.880%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	488	0.200	ug/l #	54
11) Tert butyl alcohol	5.536	59	175	0.463	ug/l #	71
13) Acrolein	4.195	56	66	0.236	ug/l #	15
16) Acetone	4.442	43	5337	5.525	ug/l	95
17) Carbon Disulfide	4.700	76	1145	0.218	ug/l #	74
25) 2-Butanone	7.494	43	2176	1.486	ug/l #	43
31) Cyclohexane	8.224	56	4293	1.141	ug/l #	34
36) 1,1-Dichloropropene	8.230	75	14016	4.904	ug/l #	50
37) Ethyl Acetate	7.494	43	2176	0.680	ug/l #	68
38) Carbon Tetrachloride	8.224	117	16095	5.555	ug/l #	18
43) Isopropyl Acetate	8.688	43	2905	0.513	ug/l #	52
49) 1,4-Dioxane	9.712	88	128	3.382	ug/l #	68
51) 4-Methyl-2-Pentanone	10.565	43	2219	0.689	ug/l #	1
71) Bromoform	12.835	173	130	0.784	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	65080	28.128	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65080	65.790	ug/l #	12

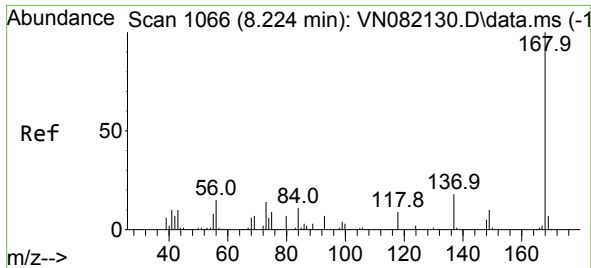
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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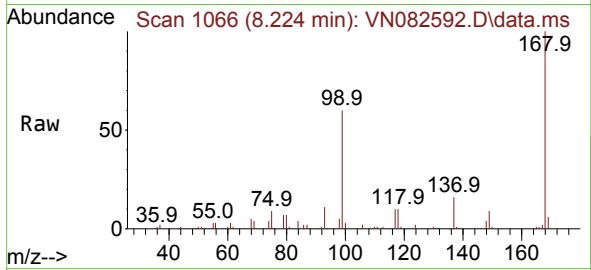
Quant Time: Jun 14 23:49:58 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration



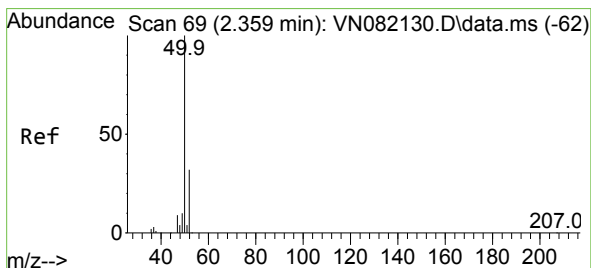
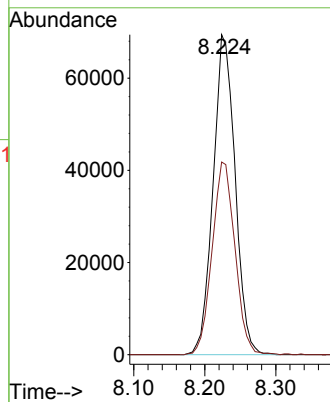
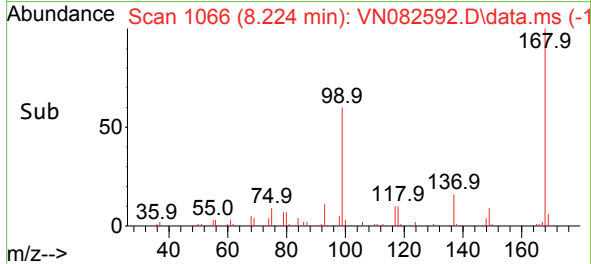


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340

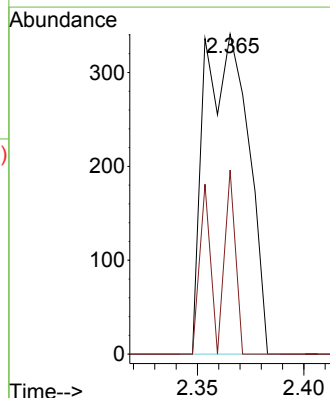
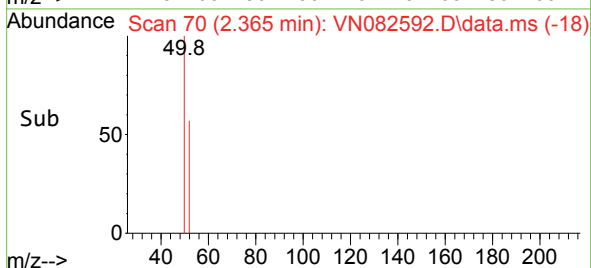
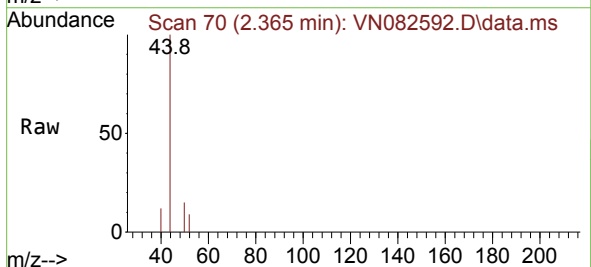


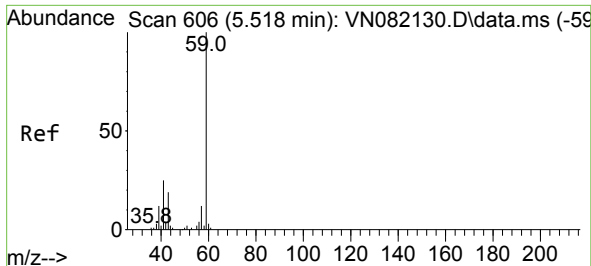
Tgt Ion:168 Resp: 149125
Ion Ratio Lower Upper
168 100
99 60.2 48.2 72.4



#3
Chloromethane
Concen: 0.200 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

Tgt Ion: 50 Resp: 488
Ion Ratio Lower Upper
50 100
52 57.5 25.5 38.3#

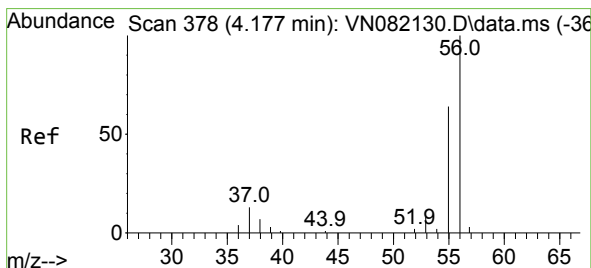
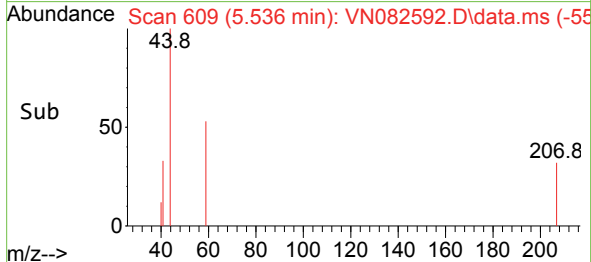
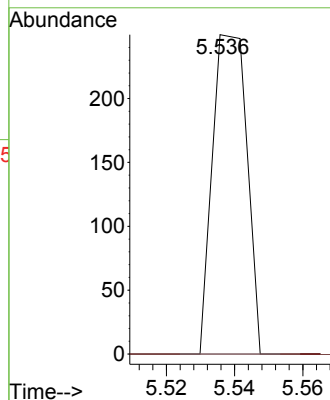
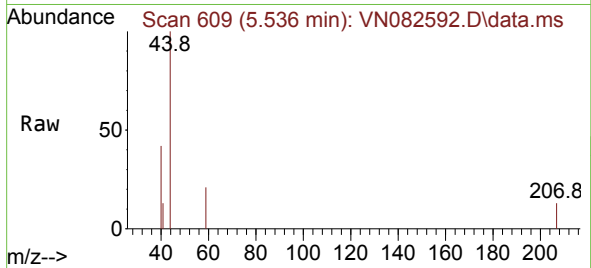




#11
Tert butyl alcohol
Concen: 0.463 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.018 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

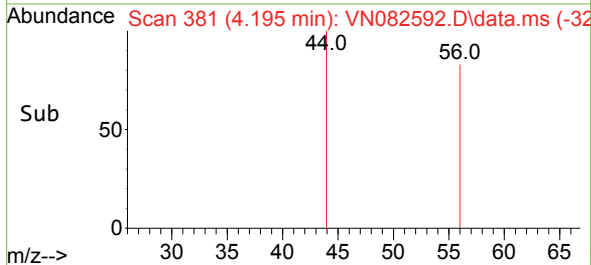
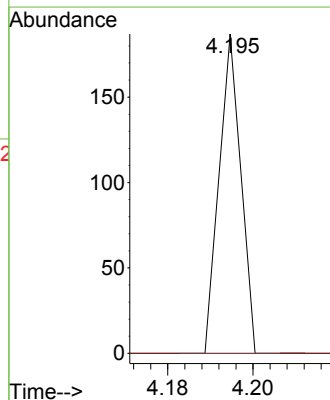
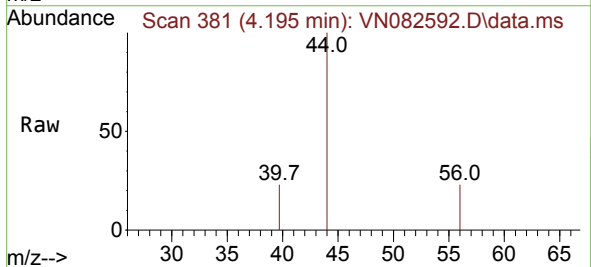
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340

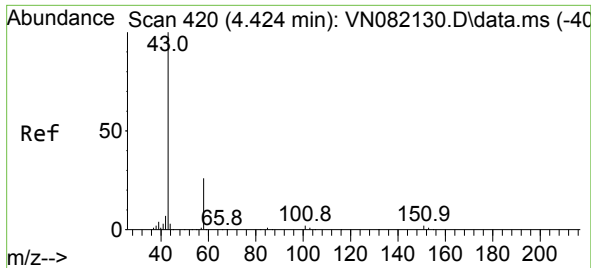
Tgt Ion: 59 Resp: 175
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#



#13
Acrolein
Concen: 0.236 ug/l
RT: 4.195 min Scan# 381
Delta R.T. 0.018 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

Tgt Ion: 56 Resp: 66
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.8#





#16

Acetone

Concen: 5.525 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN082592.D

Acq: 14 Jun 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

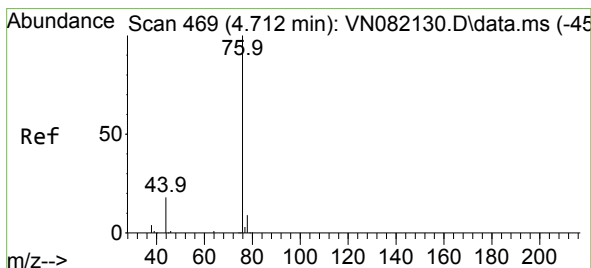
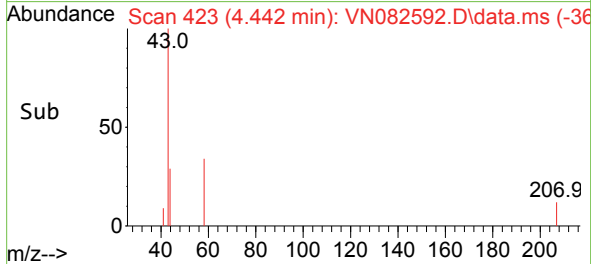
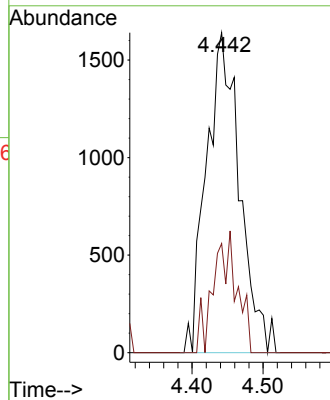
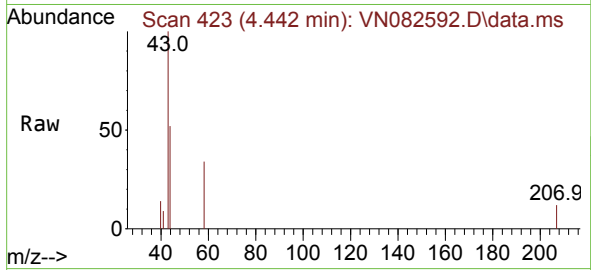
BP-VPB-189-GW-338-340

Tgt Ion: 43 Resp: 5337

Ion Ratio Lower Upper

43 100

58 34.1 25.2 37.8



#17

Carbon Disulfide

Concen: 0.218 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.012 min

Lab File: VN082592.D

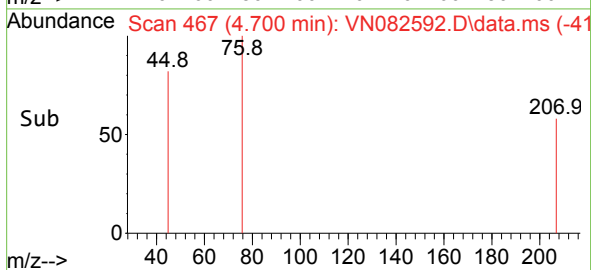
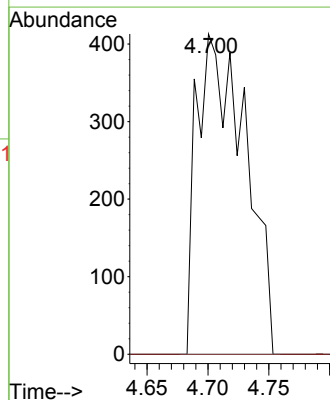
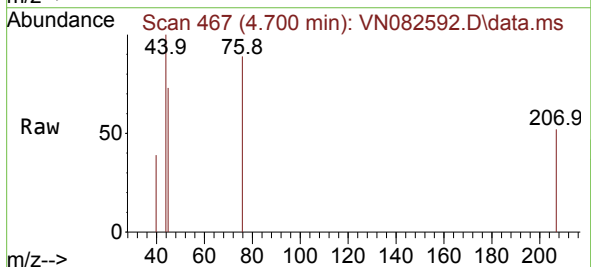
Acq: 14 Jun 2024 18:54

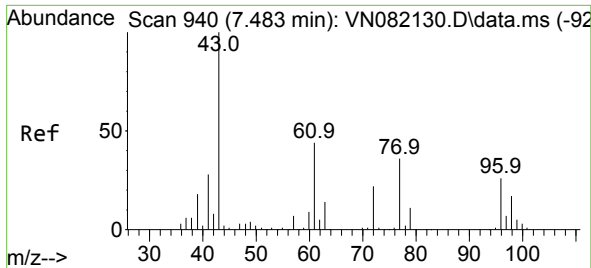
Tgt Ion: 76 Resp: 1145

Ion Ratio Lower Upper

76 100

78 0.0 7.5 11.3#

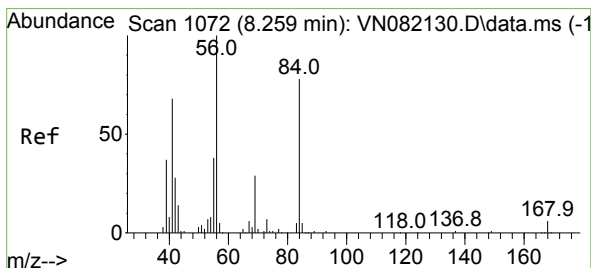
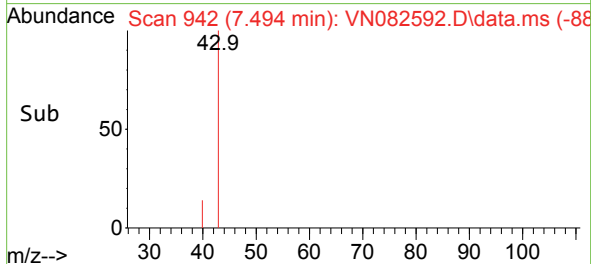
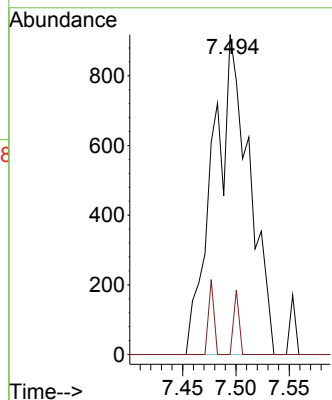
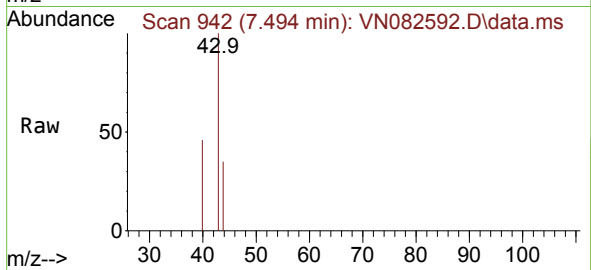




#25
2-Butanone
Concen: 1.486 ug/l
RT: 7.494 min Scan# 94
Delta R.T. 0.012 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

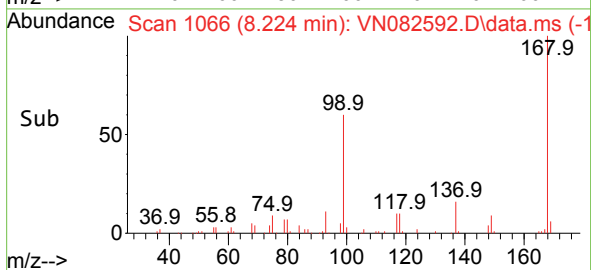
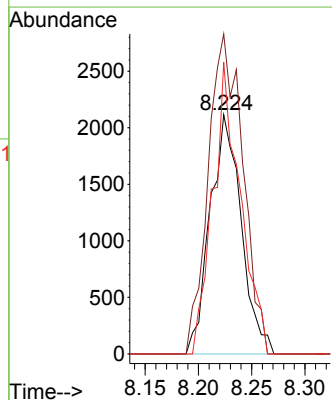
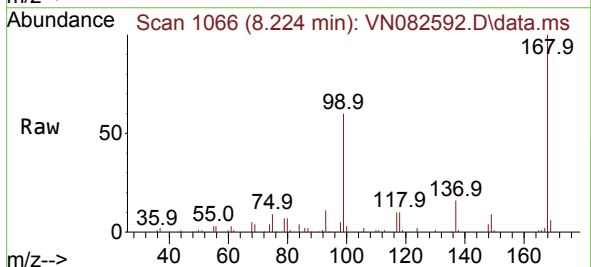
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340

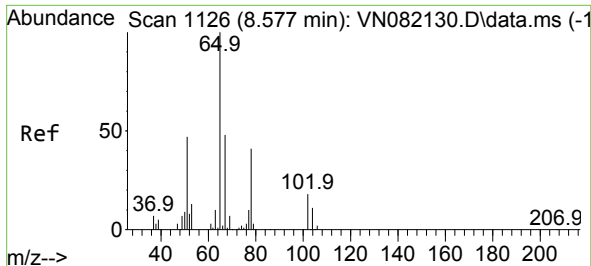
Tgt Ion: 43 Resp: 2176
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#31
Cyclohexane
Concen: 1.141 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

Tgt Ion: 56 Resp: 4293
Ion Ratio Lower Upper
56 100
69 133.8 24.4 36.6#
84 121.9 77.0 115.4#





#33

1,2-Dichloroethane-d4

Concen: 54.775 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082592.D

Acq: 14 Jun 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

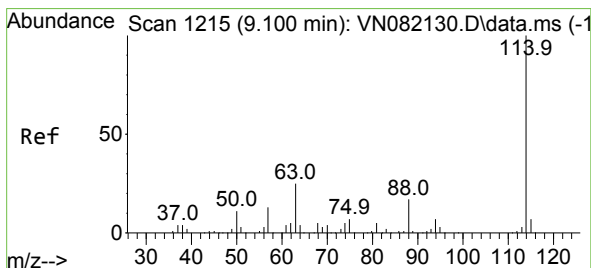
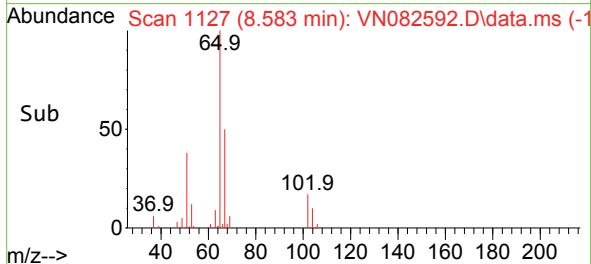
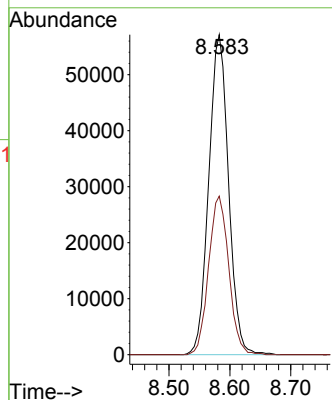
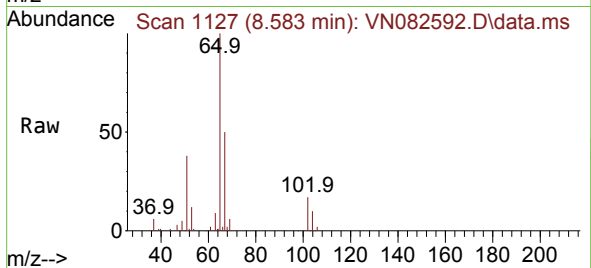
BP-VPB-189-GW-338-340

Tgt Ion: 65 Resp: 128981

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082592.D

Acq: 14 Jun 2024 18:54

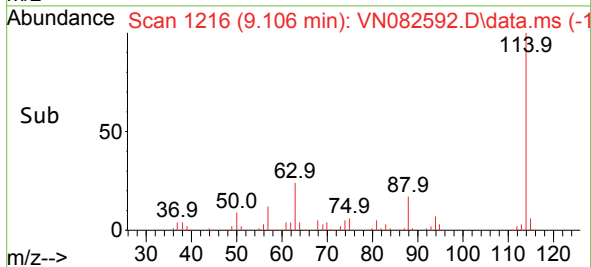
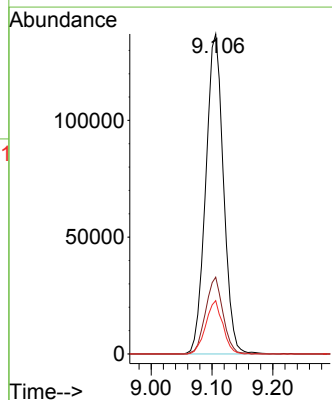
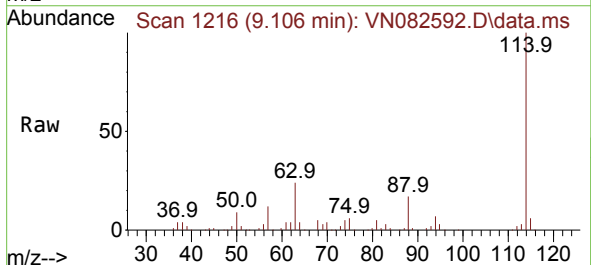
Tgt Ion: 114 Resp: 277049

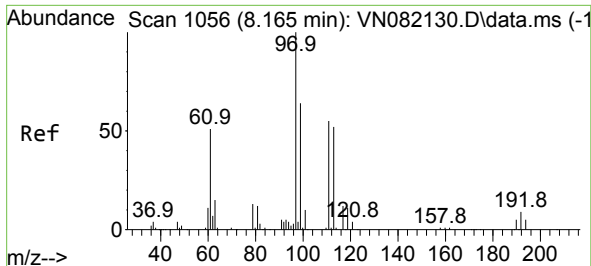
Ion Ratio Lower Upper

114 100

63 24.0 0.0 41.0

88 16.7 0.0 31.4

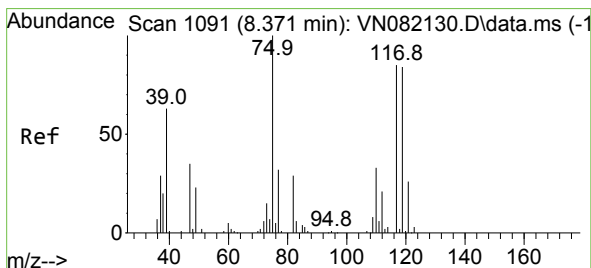
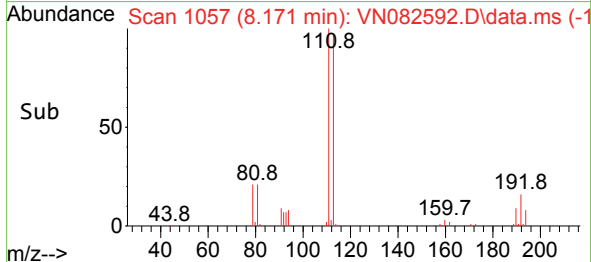
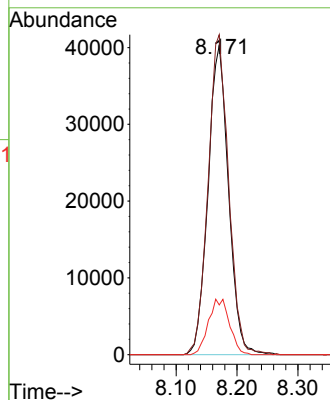
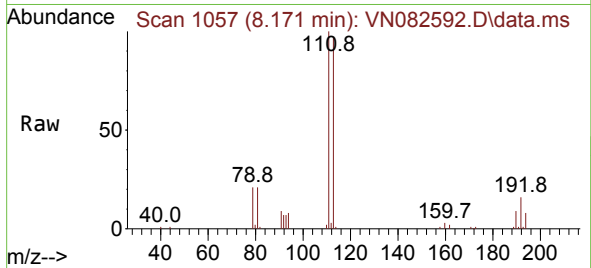




#35
Dibromofluoromethane
Concen: 55.186 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

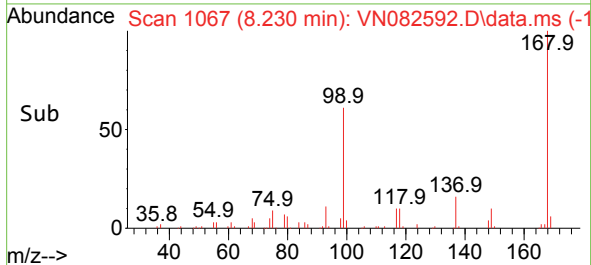
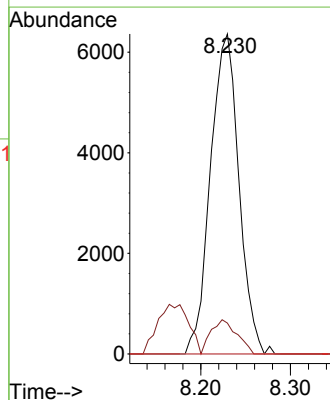
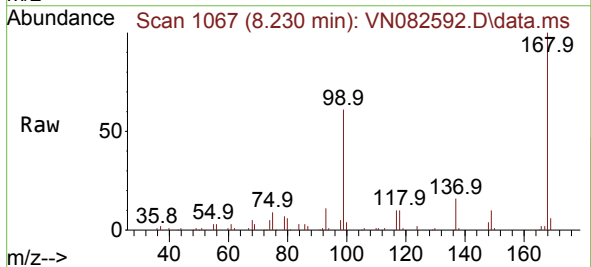
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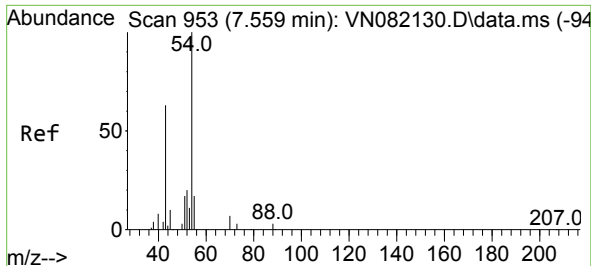
Tgt Ion:113 Resp: 94053
Ion Ratio Lower Upper
113 100
111 104.1 83.4 125.2
192 18.6 14.0 21.0



#36
1,1-Dichloropropene
Concen: 4.904 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

Tgt Ion: 75 Resp: 14016
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 0.680 ug/l

RT: 7.494 min Scan# 94

Delta R.T. -0.065 min

Lab File: VN082592.D

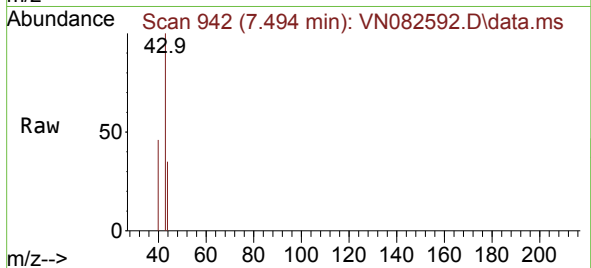
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Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340



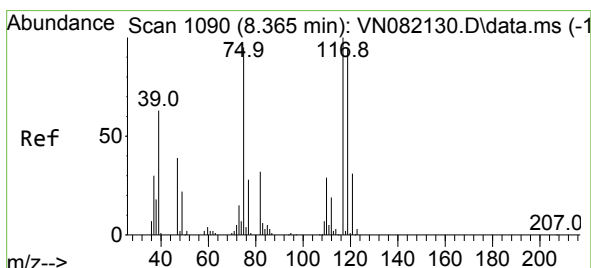
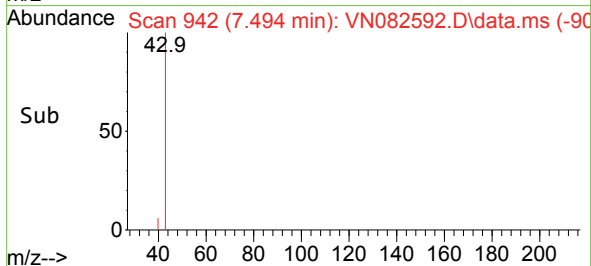
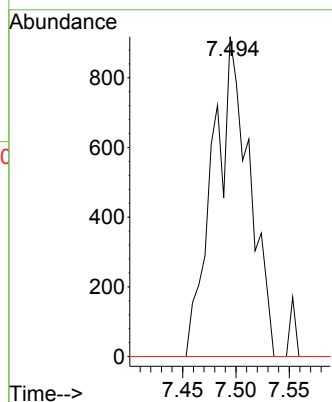
Tgt Ion: 43 Resp: 2176

Ion Ratio Lower Upper

43 100

61 0.0 11.3 16.9#

70 0.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 5.555 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN082592.D

Acq: 14 Jun 2024 18:54

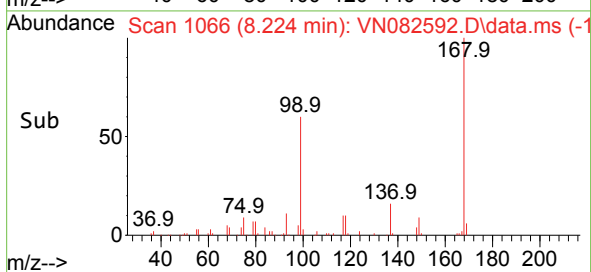
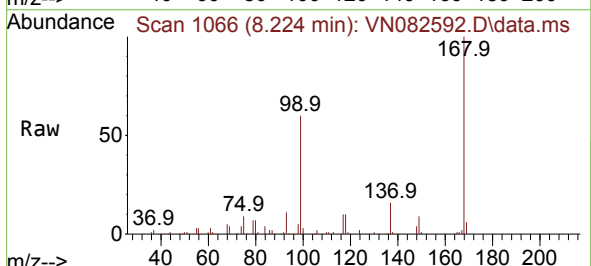
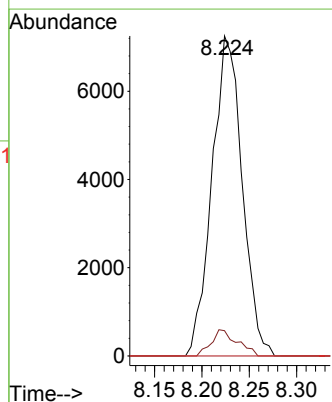
Tgt Ion: 117 Resp: 16095

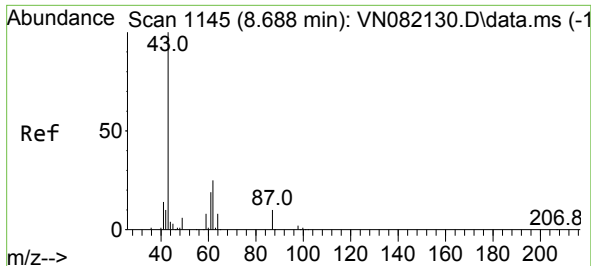
Ion Ratio Lower Upper

117 100

119 7.9 76.5 114.7#

121 0.0 23.9 35.9#

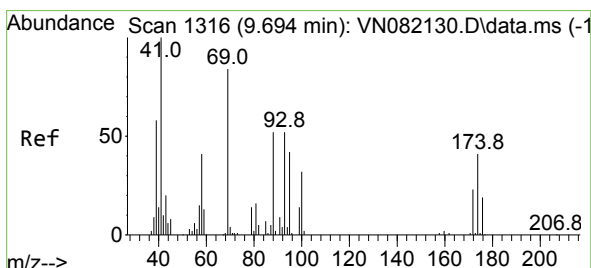
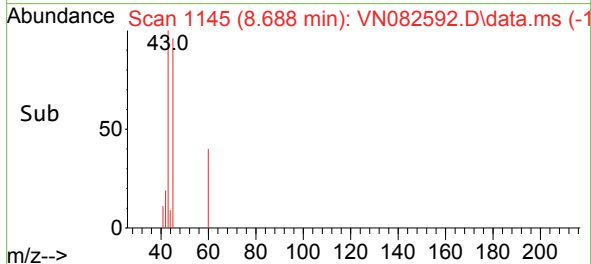
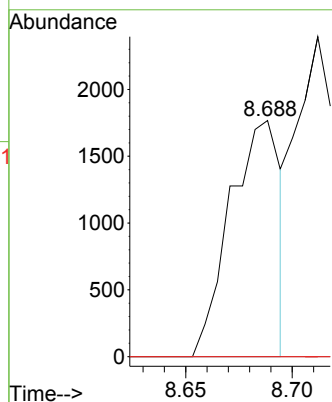
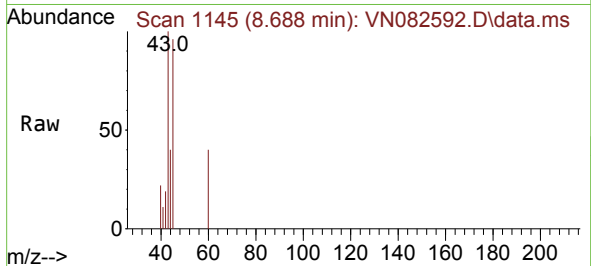




#43
Isopropyl Acetate
Concen: 0.513 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

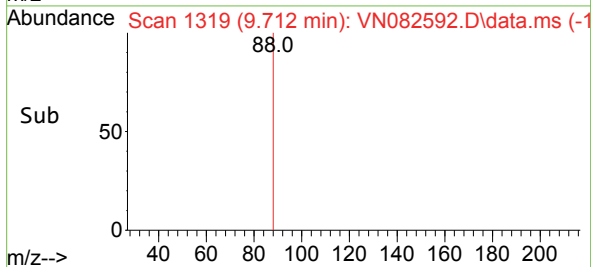
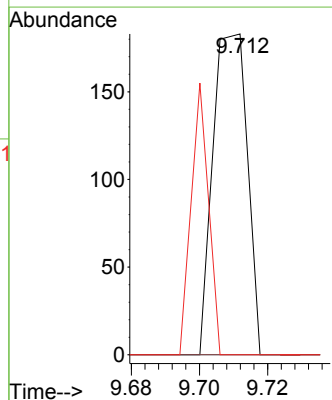
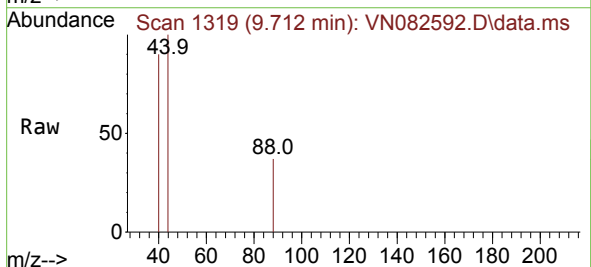
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340

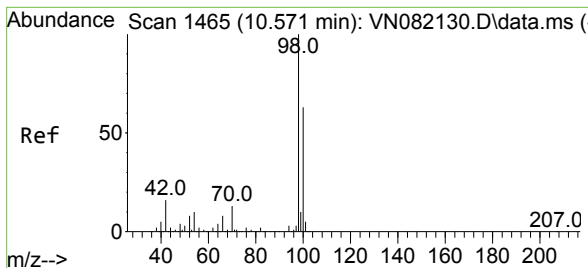
Tgt Ion:	43	Resp:	2905
Ion	Ratio	Lower	Upper
43	100		
61	0.0	22.8	34.2#
87	0.0	12.0	18.0#



#49
1,4-Dioxane
Concen: 3.382 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.018 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

Tgt Ion:	88	Resp:	128
Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.0	28.6#
58	43.0	50.6	76.0#





#50

Toluene-d8

Concen: 52.009 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN082592.D

Acq: 14 Jun 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

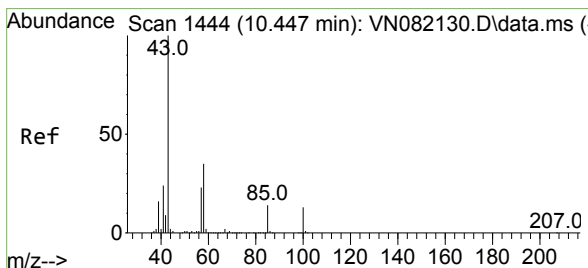
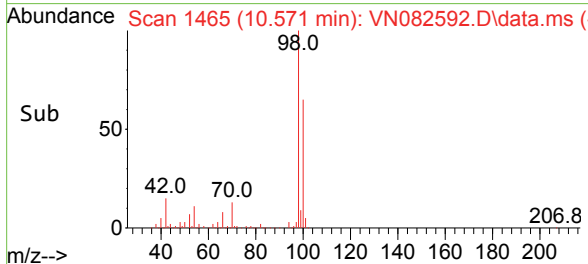
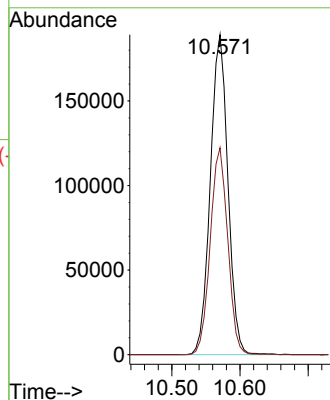
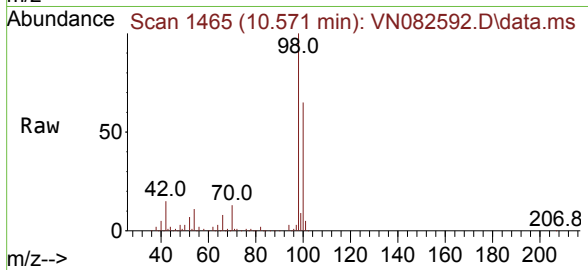
BP-VPB-189-GW-338-340

Tgt Ion: 98 Resp: 339831

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6



#51

4-Methyl-2-Pentanone

Concen: 0.689 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.118 min

Lab File: VN082592.D

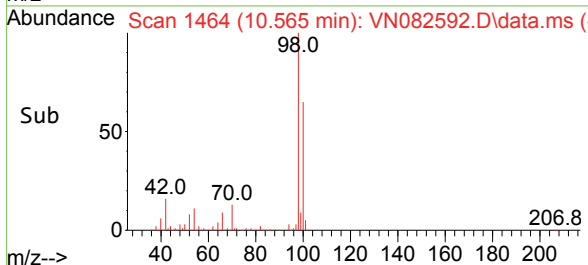
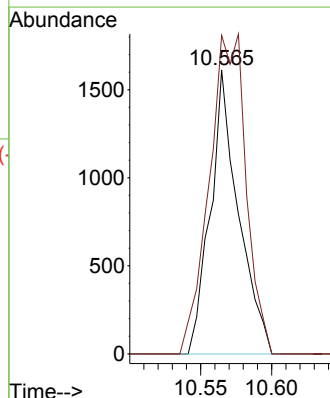
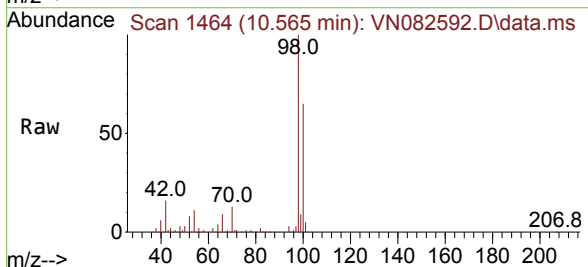
Acq: 14 Jun 2024 18:54

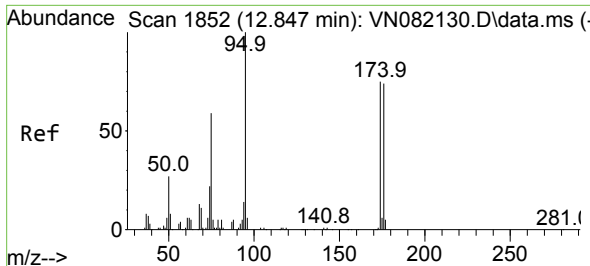
Tgt Ion: 43 Resp: 2219

Ion Ratio Lower Upper

43 100

58 147.5 33.2 49.8#

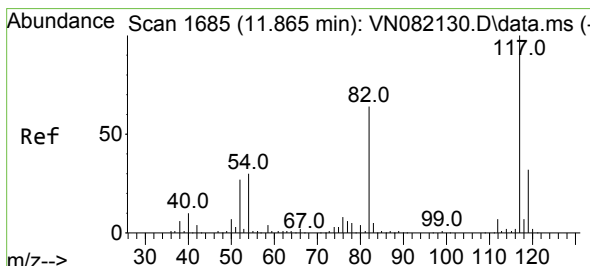
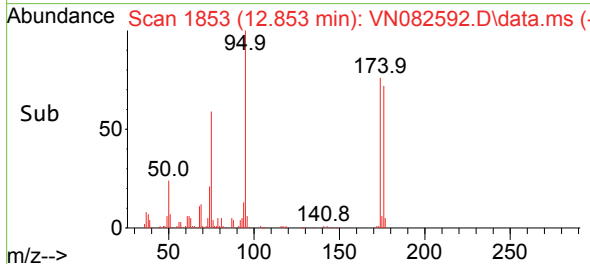
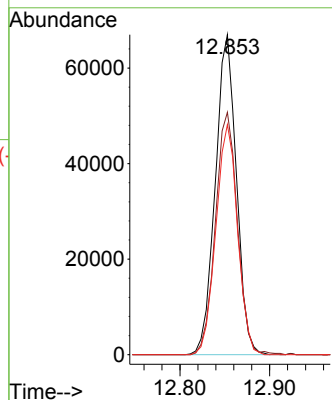
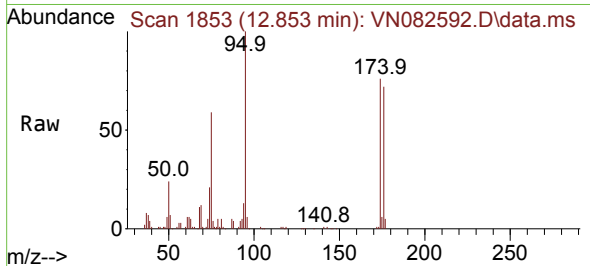




#62
4-Bromofluorobenzene
Concen: 46.941 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

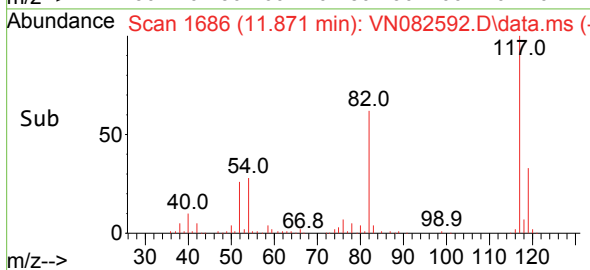
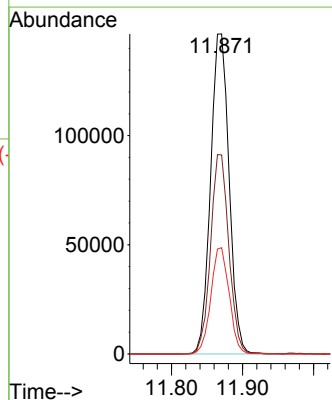
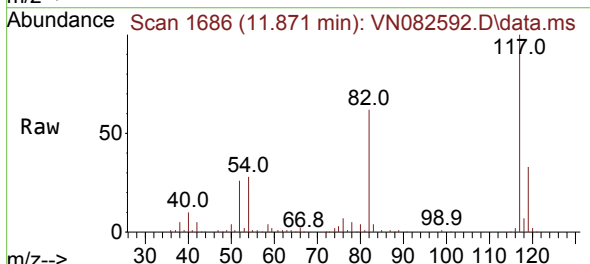
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340

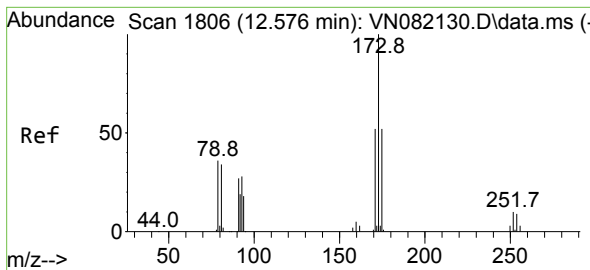
Tgt Ion: 95 Resp: 109473
Ion Ratio Lower Upper
95 100
174 78.8 0.0 160.6
176 73.7 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

Tgt Ion: 117 Resp: 265591
Ion Ratio Lower Upper
117 100
82 62.2 44.6 66.8
119 33.2 25.9 38.9





#71

Bromoform

Concen: 0.784 ug/l

RT: 12.835 min Scan# 1806

Delta R.T. 0.259 min

Lab File: VN082592.D

Acq: 14 Jun 2024 18:54

Instrument :

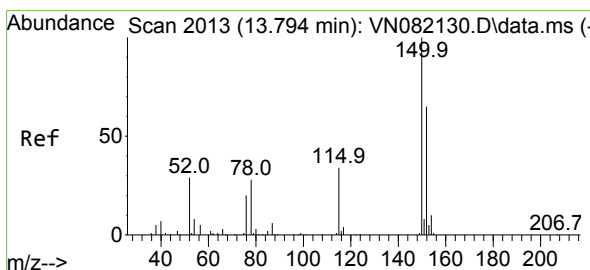
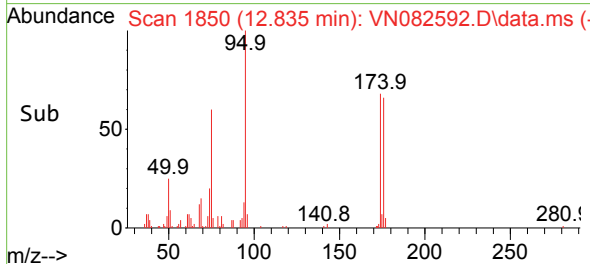
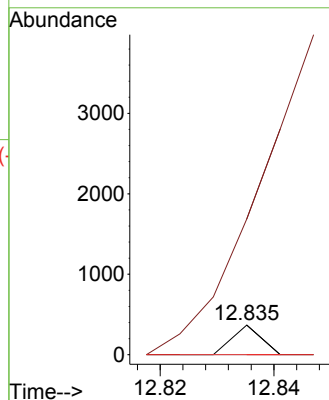
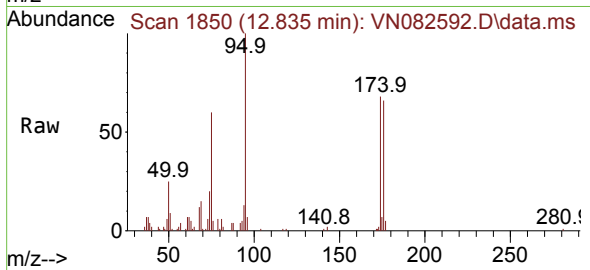
MSVOA_N

ClientSampleId :

BP-VPB-189-GW-338-340

Tgt Ion:173 Resp: 130

Ion	Ratio	Lower	Upper
173	100		
175	3590.0	24.6	74.0#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

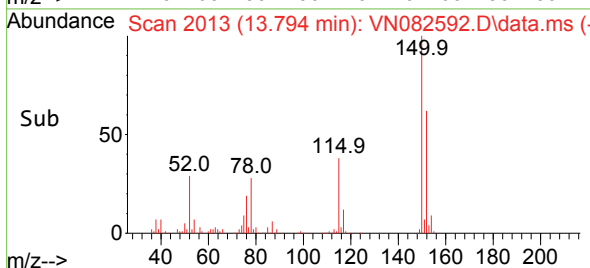
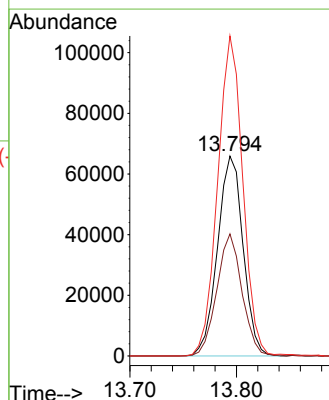
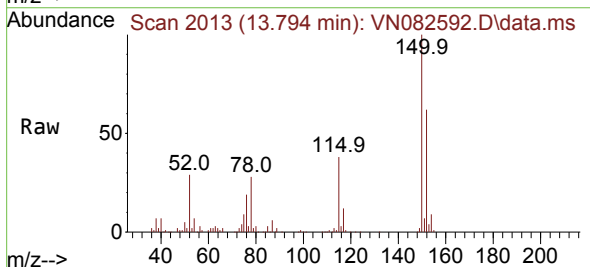
Delta R.T. 0.000 min

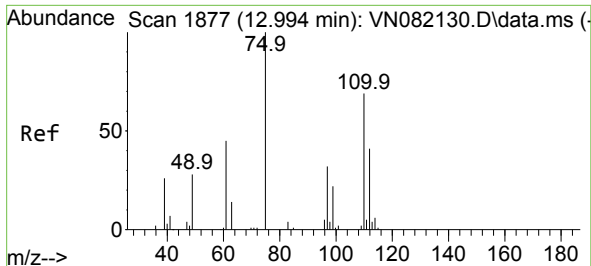
Lab File: VN082592.D

Acq: 14 Jun 2024 18:54

Tgt Ion:152 Resp: 109928

Ion	Ratio	Lower	Upper
152	100		
115	60.1	30.4	91.3
150	157.5	0.0	353.2

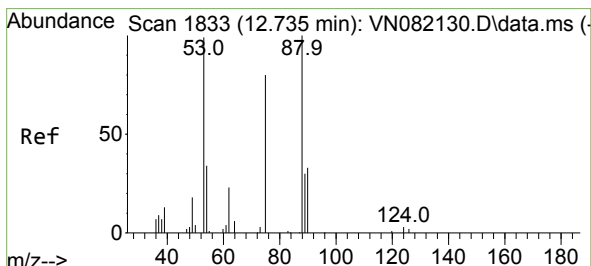
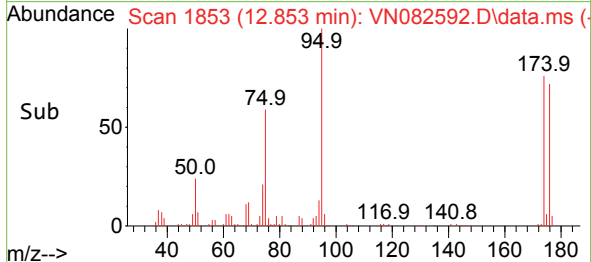
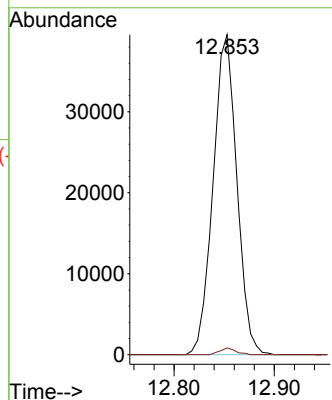
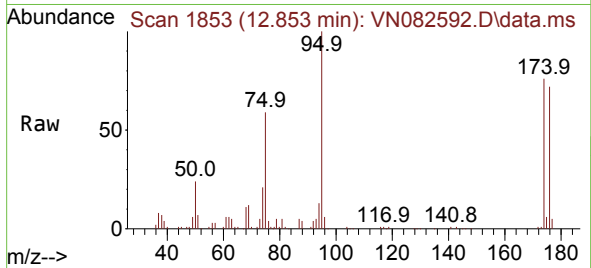




#76
1,2,3-Trichloropropane
Concen: 28.128 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-338-340

Tgt Ion: 75 Resp: 65080
Ion Ratio Lower Upper
75 100
77 1.4 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.790 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN082592.D
Acq: 14 Jun 2024 18:54

Tgt Ion: 75 Resp: 65080
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

