

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020923\
 Data File : VD075294.D
 Acq On : 09 Feb 2023 15:07
 Operator : KP/SY
 Sample : 01481-05
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-42-020723

Quant Time: Feb 10 02:02:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 2023
 Response via : Initial Calibration

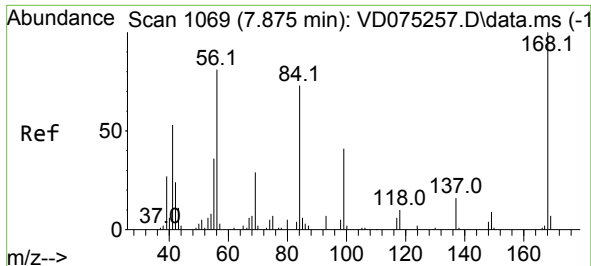
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	66019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	124742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	119852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	37932	49.000	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.000%		
35) Dibromofluoromethane	7.810	113	38834	44.398	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.800%		
50) Toluene-d8	10.275	98	151449	45.657	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.320%		
62) 4-Bromofluorobenzene	12.575	95	49304	45.077	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	90.160%		
Target Compounds						
3) Chloromethane	2.146	50	87	Below Cal	#	41
16) Acetone	4.017	43	868	4.240	ug/l #	42
20) Methylene Chloride	4.805	84	3755	Below Cal		89
31) Cyclohexane	7.887	56	1653	1.203	ug/l #	35
36) 1,1-Dichloropropene	7.875	75	5378	3.947	ug/l #	49
38) Carbon Tetrachloride	7.875	117	6645	5.263	ug/l #	20
51) 4-Methyl-2-Pentanone	10.275	43	737	1.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	26579	44.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	26579	141.351	ug/l #	14

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

Quant Time: Feb 10 02:02:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
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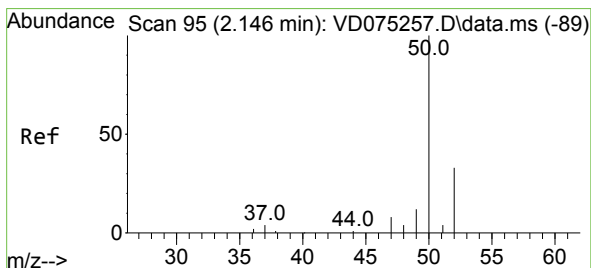
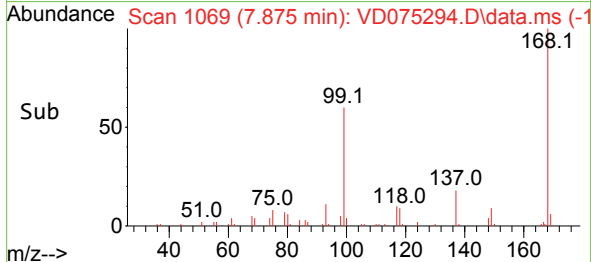
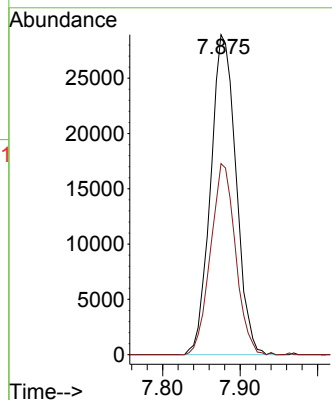
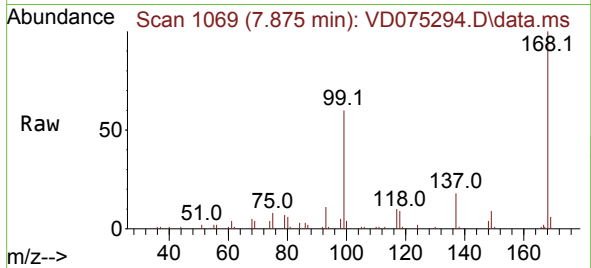




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

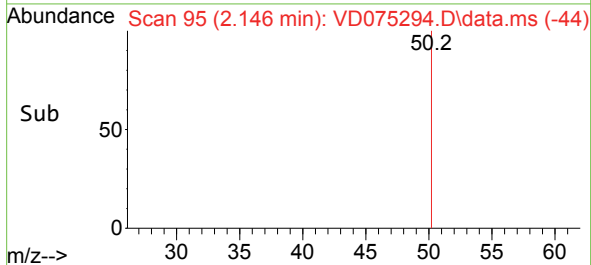
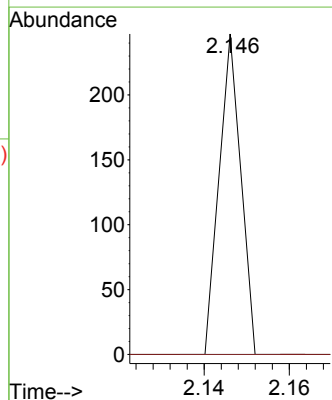
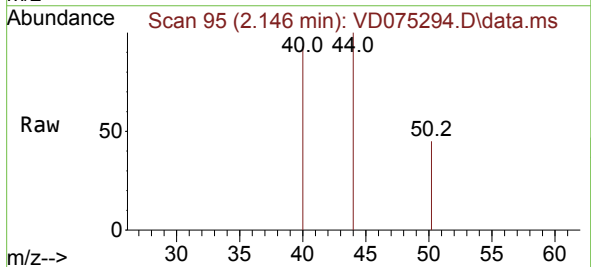
Instrument :
MSVOA_D
ClientSampleId :
JPP-42-020723

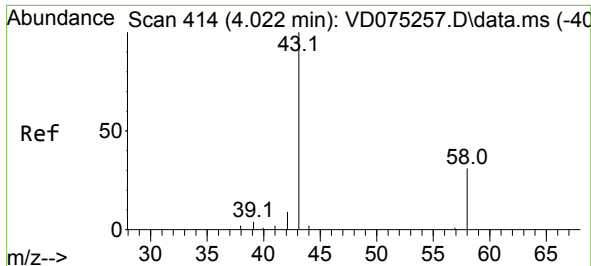
Tgt Ion:168 Resp: 66019
Ion Ratio Lower Upper
168 100
99 59.7 45.2 67.8



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

Tgt Ion: 50 Resp: 87
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

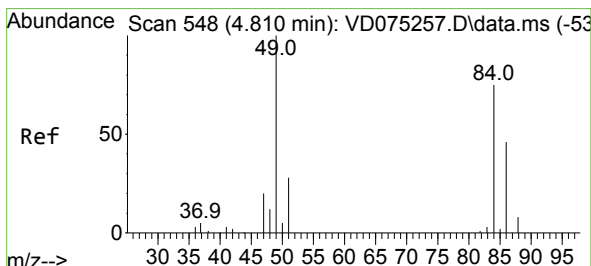
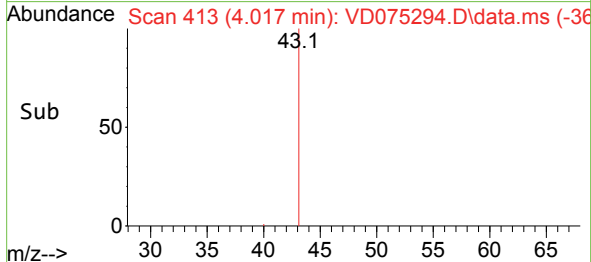
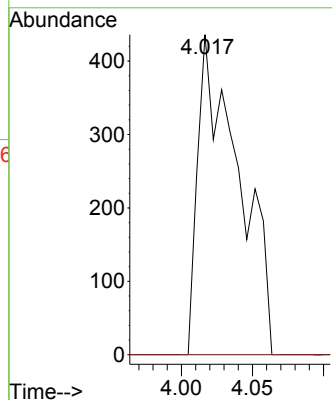
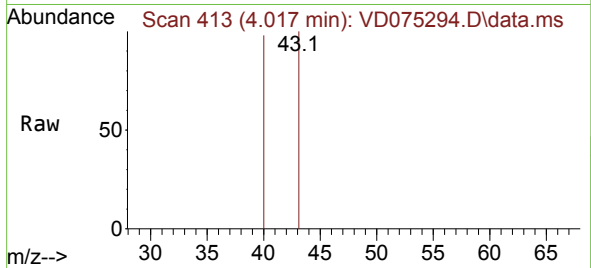




#16
Acetone
Concen: 4.240 ug/l
RT: 4.017 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

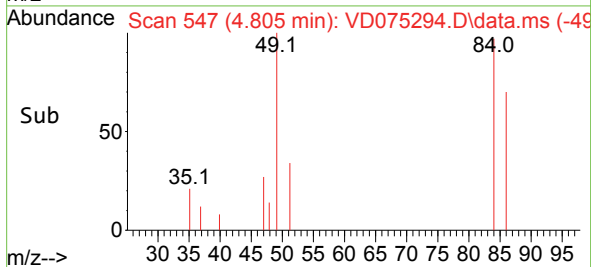
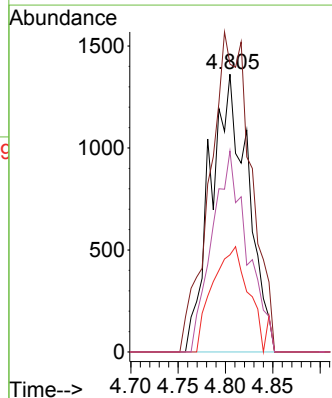
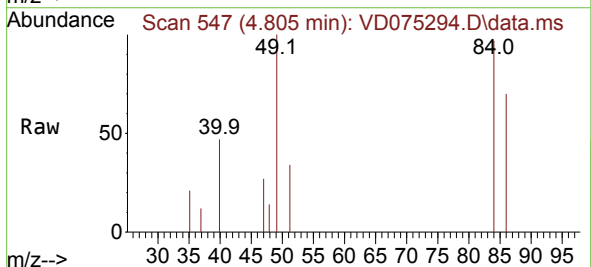
Instrument :
MSVOA_D
ClientSampleId :
JPP-42-020723

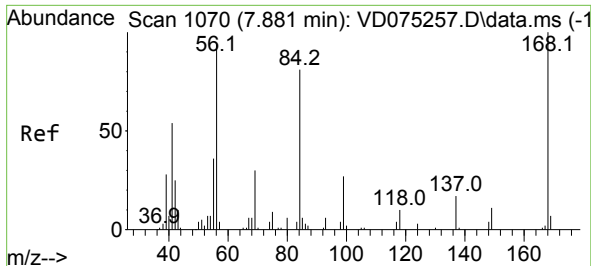
Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

Tgt Ion: 84 Resp: 3755
Ion Ratio Lower Upper
84 100
49 103.6 97.0 145.6
51 34.9 30.9 46.3
86 72.3 54.0 81.0

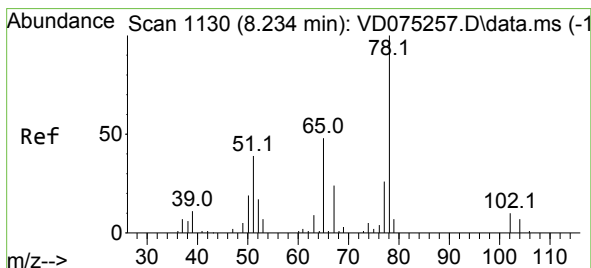
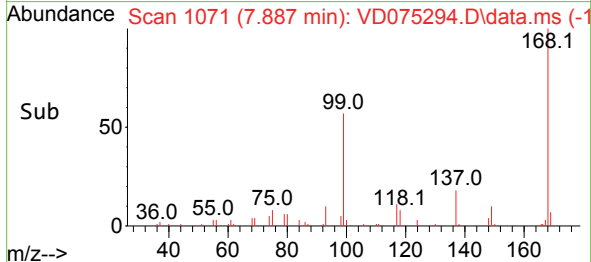
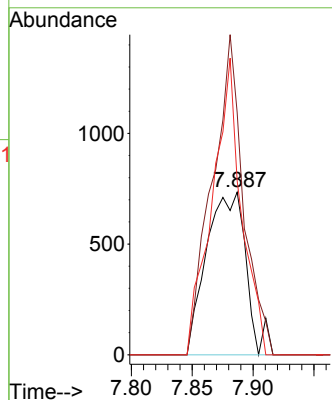
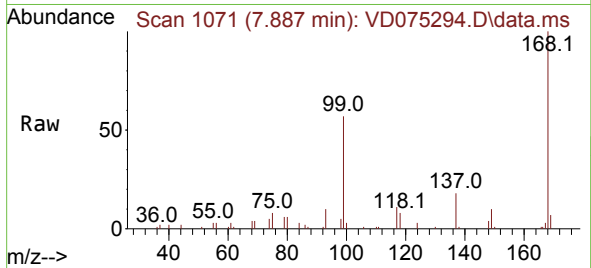




#31
Cyclohexane
Concen: 1.203 ug/l
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

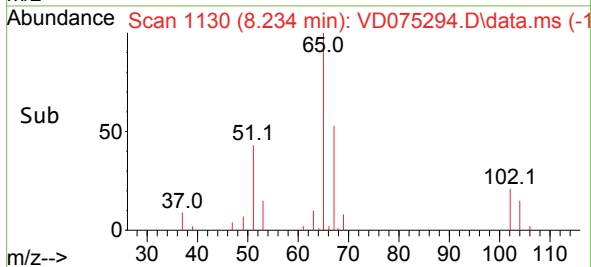
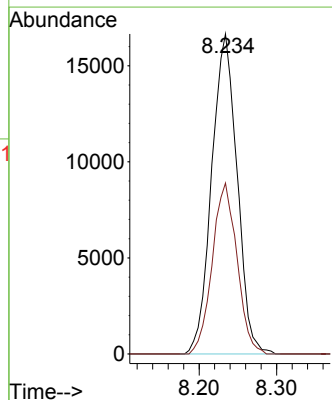
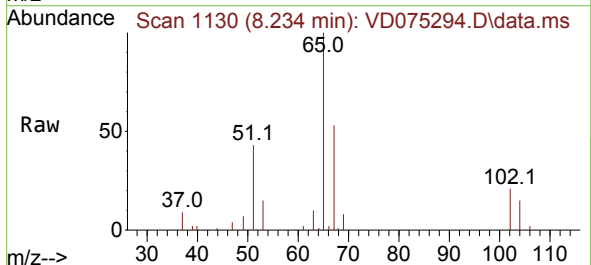
Instrument :
MSVOA_D
ClientSampleId :
JPP-42-020723

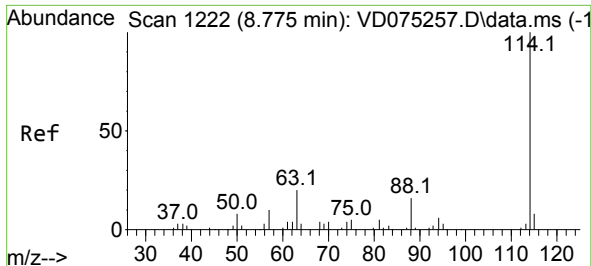
Tgt Ion: 56 Resp: 1653
Ion Ratio Lower Upper
56 100
69 149.0 26.6 40.0#
84 106.9 74.1 111.1



#33
1,2-Dichloroethane-d4
Concen: 49.000 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

Tgt Ion: 65 Resp: 37932
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD075294.D

Acq: 09 Feb 2023 15:07

Instrument :

MSVOA_D

ClientSampleId :

JPP-42-020723

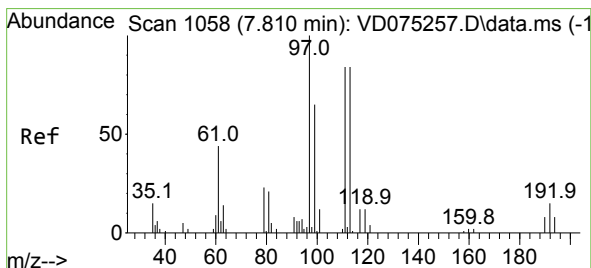
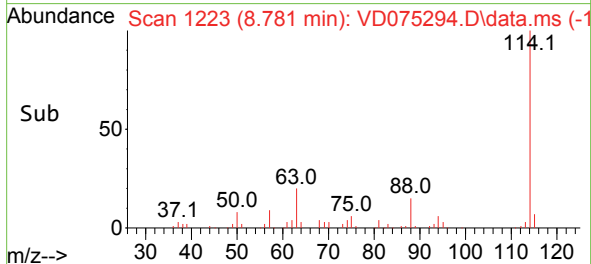
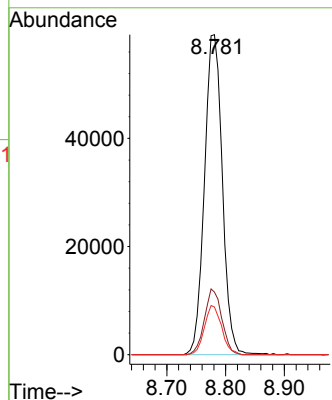
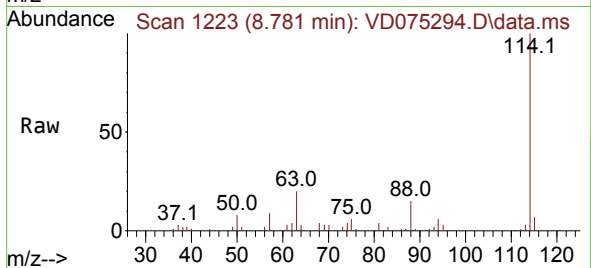
Tgt Ion:114 Resp: 124742

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.2

88 14.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 44.398 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075294.D

Acq: 09 Feb 2023 15:07

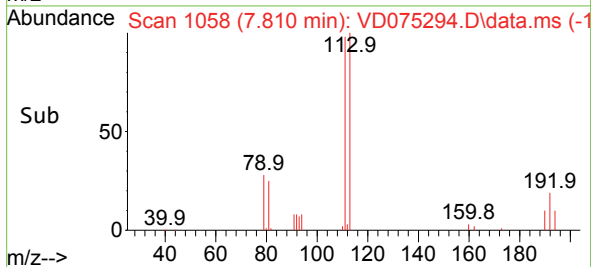
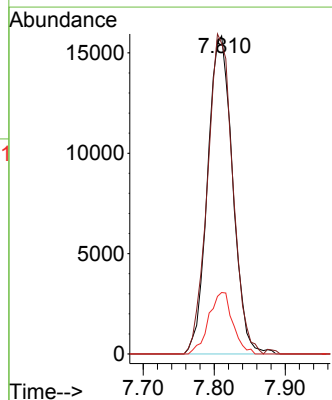
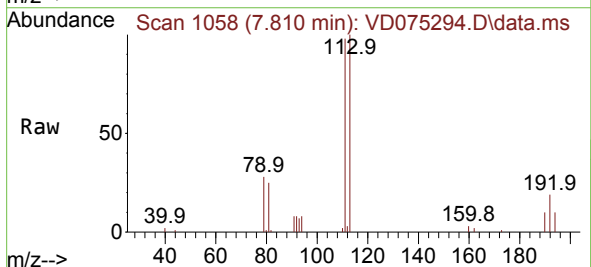
Tgt Ion:113 Resp: 38834

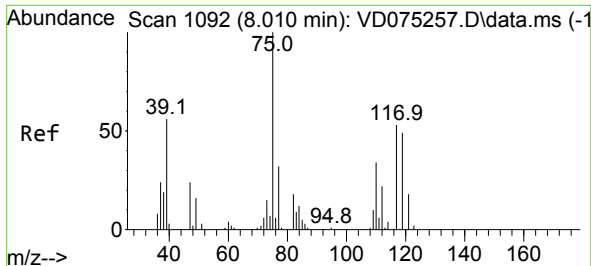
Ion Ratio Lower Upper

113 100

111 101.4 80.1 120.1

192 18.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 3.947 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD075294.D

Acq: 09 Feb 2023 15:07

Instrument :

MSVOA_D

ClientSampleId :

JPP-42-020723

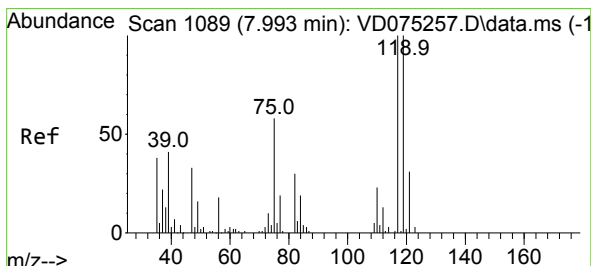
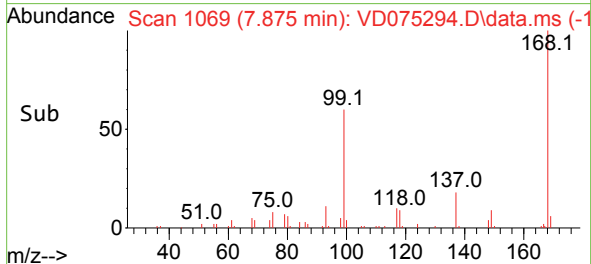
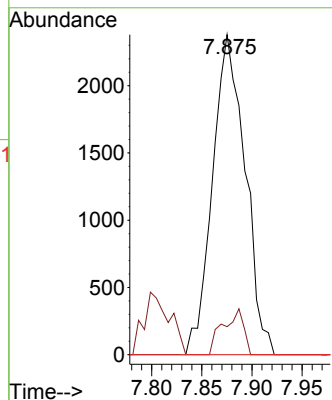
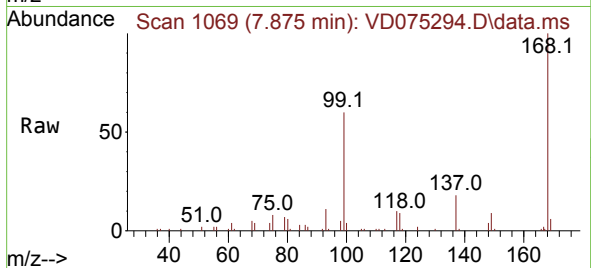
Tgt Ion: 75 Resp: 5378

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.263 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD075294.D

Acq: 09 Feb 2023 15:07

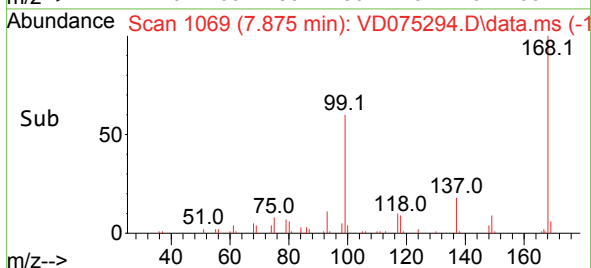
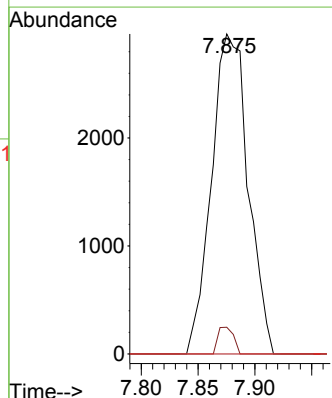
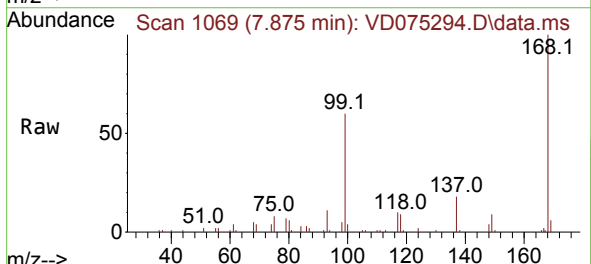
Tgt Ion: 117 Resp: 6645

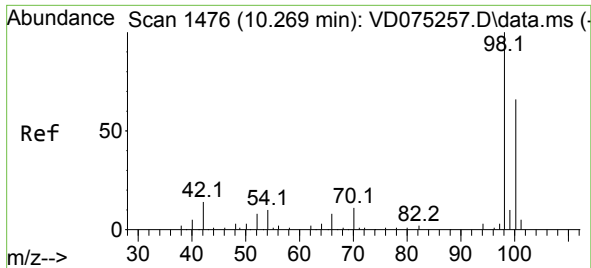
Ion Ratio Lower Upper

117 100

119 8.4 73.6 110.4#

121 0.0 25.4 38.0#

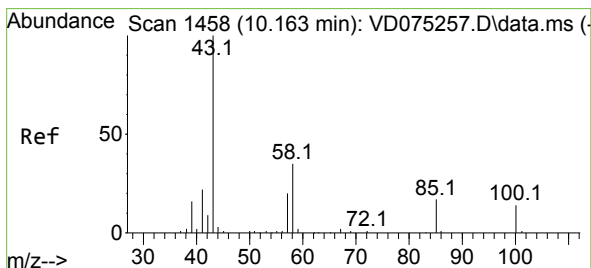
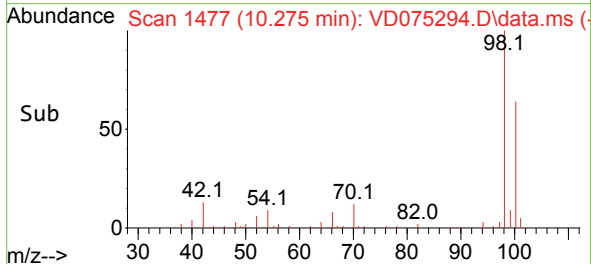
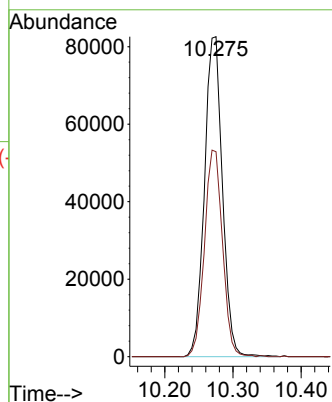
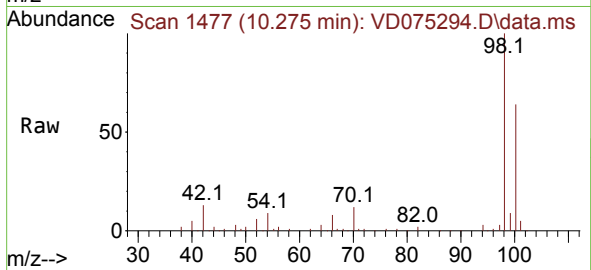




#50
Toluene-d8
Concen: 45.657 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

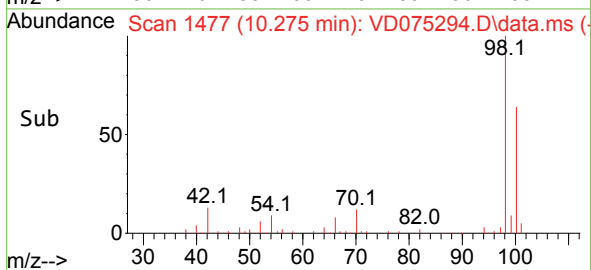
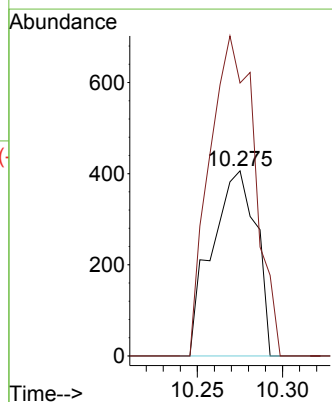
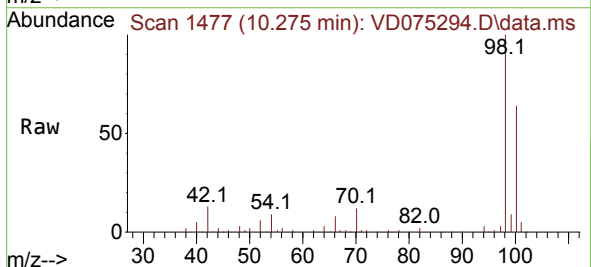
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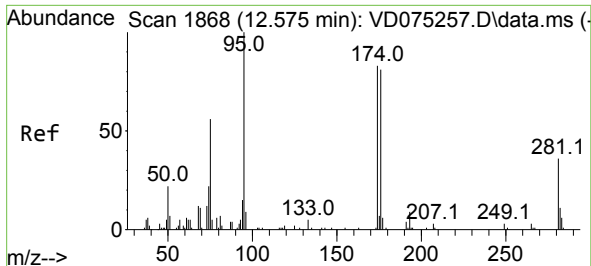
Tgt Ion: 98 Resp: 151449
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 1.284 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.112 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

Tgt Ion: 43 Resp: 737
Ion Ratio Lower Upper
43 100
58 175.3 31.4 47.0#

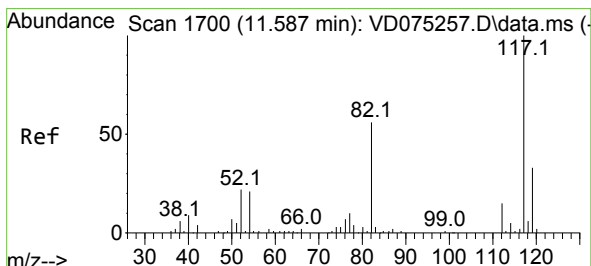
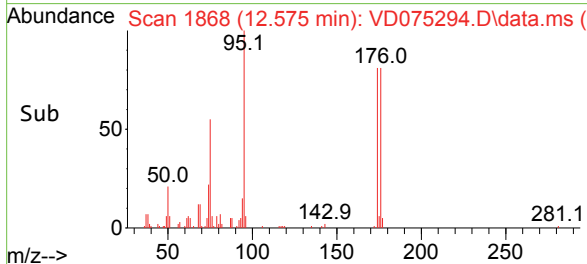
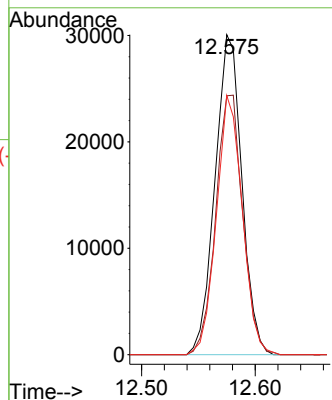
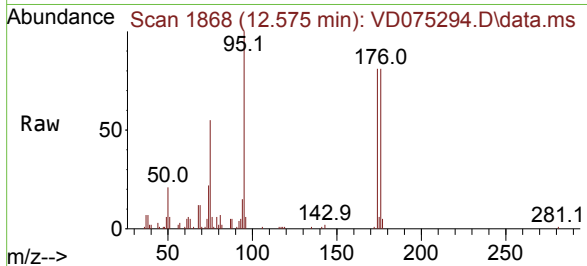




#62
4-Bromofluorobenzene
Concen: 45.077 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

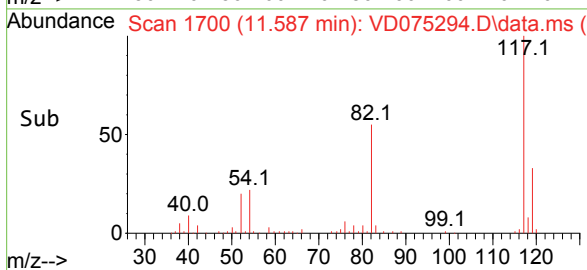
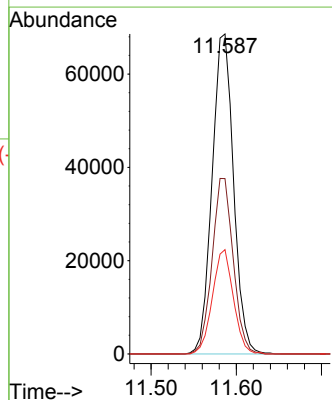
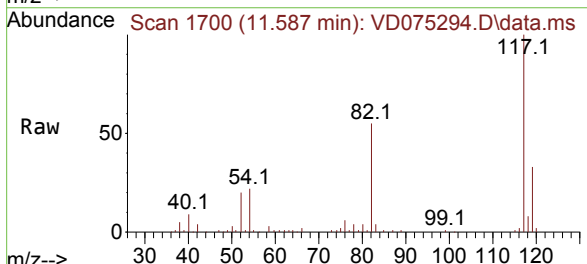
Instrument :
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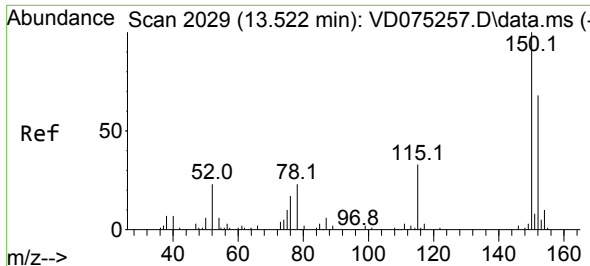
Tgt Ion: 95 Resp: 49304
Ion Ratio Lower Upper
95 100
174 81.9 0.0 161.2
176 78.5 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VD075294.D
Acq: 09 Feb 2023 15:07

Tgt Ion: 117 Resp: 119852
Ion Ratio Lower Upper
117 100
82 54.8 39.6 59.4
119 32.6 24.6 37.0

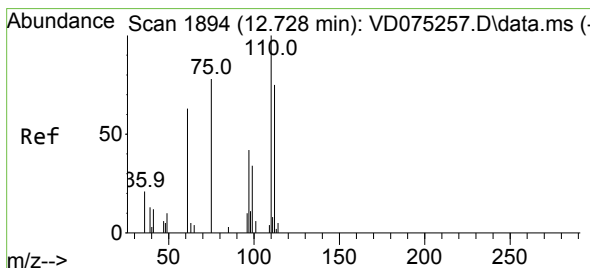
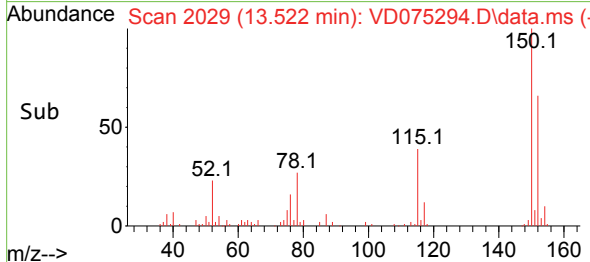
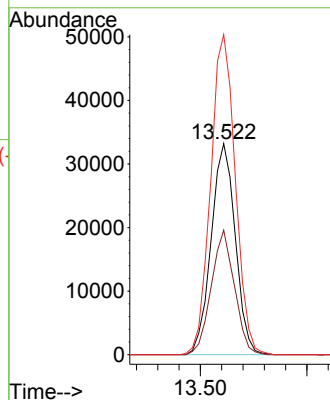
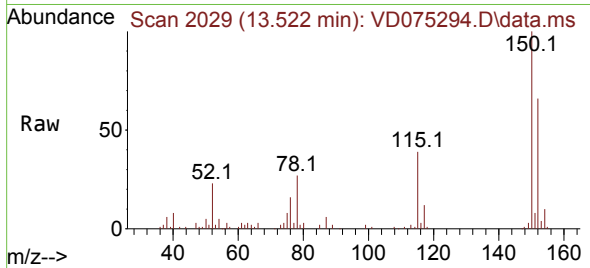




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD075294.D
 Acq: 09 Feb 2023 15:07

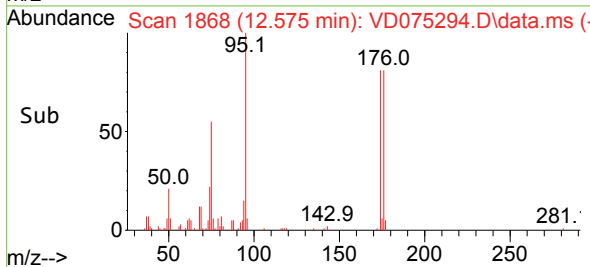
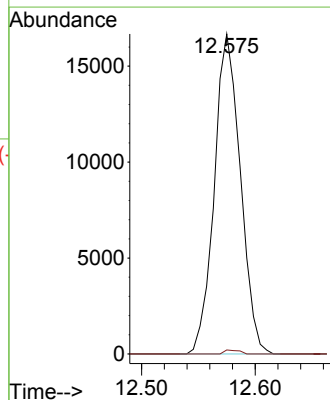
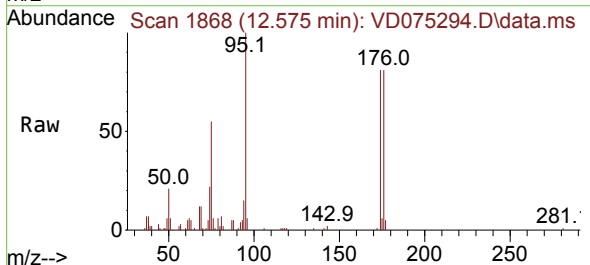
Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-42-020723

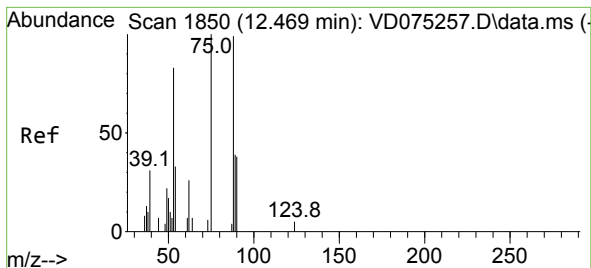
Tgt Ion:152 Resp: 52259
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.8 86.4
 150 154.8 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.777 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD075294.D
 Acq: 09 Feb 2023 15:07

Tgt Ion: 75 Resp: 26579
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.351 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD075294.D
 Acq: 09 Feb 2023 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 JPP-42-020723

Tgt Ion: 75 Resp: 26579
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.5 105.7#
 89 0.0 34.6 52.0#

