

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032924\
 Data File : VD078794.D
 Acq On : 29 Mar 2024 15:27
 Operator : RP/MD
 Sample : P1900-01
 Misc : 6.20G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-1

Quant Time: Mar 29 23:43:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

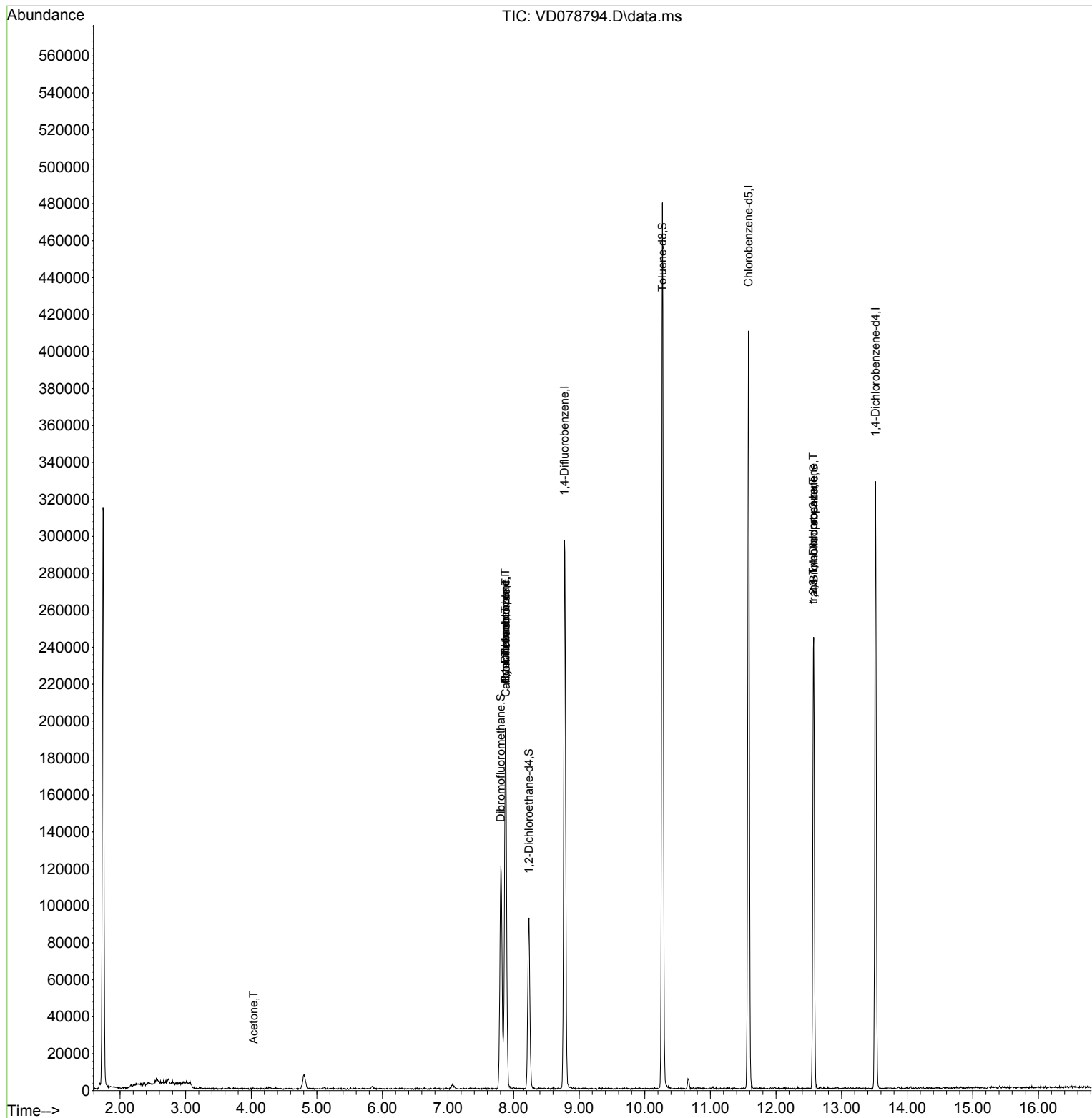
Internal Standards						
1) Pentafluorobenzene	7.875	168	153790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	277786	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	242220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70254	48.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.480%
35) Dibromofluoromethane	7.805	113	86410	48.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.620%
50) Toluene-d8	10.269	98	332853	50.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.200%
62) 4-Bromofluorobenzene	12.575	95	76364	39.684	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.360%
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	646	2.318	ug/l #	39
20) Methylene Chloride	4.805	84	6513	Below Cal	#	82
31) Cyclohexane	7.875	56	2995	1.236	ug/l #	21
36) 1,1-Dichloropropene	7.875	75	11001	4.239	ug/l #	49
38) Carbon Tetrachloride	7.881	117	14327	5.237	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	38839	56.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	38839	117.852	ug/l #	19

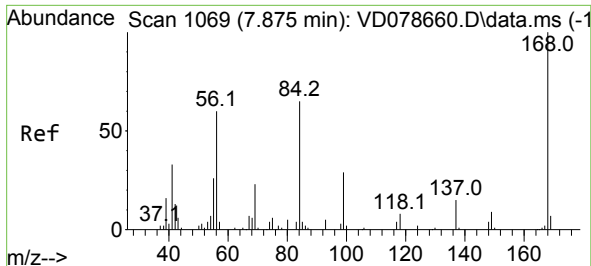
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

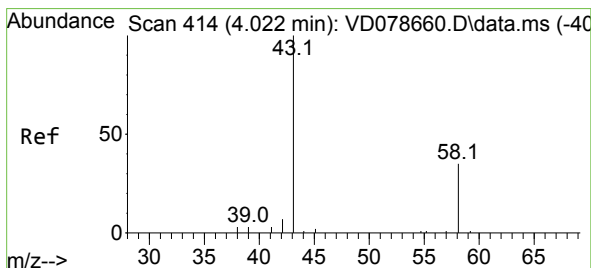
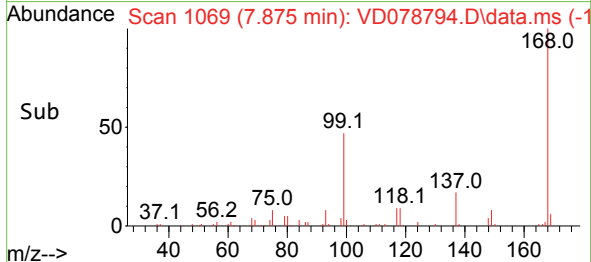
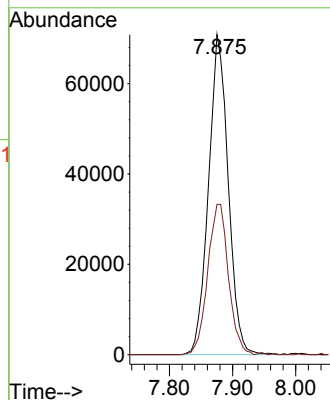
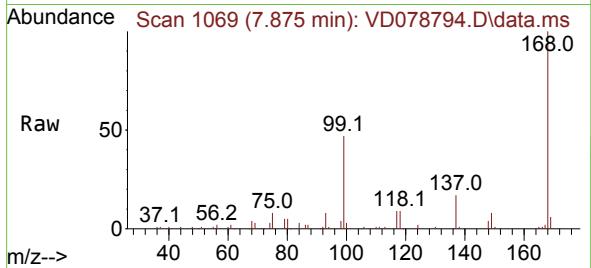




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078794.D
Acq: 29 Mar 2024 15:27

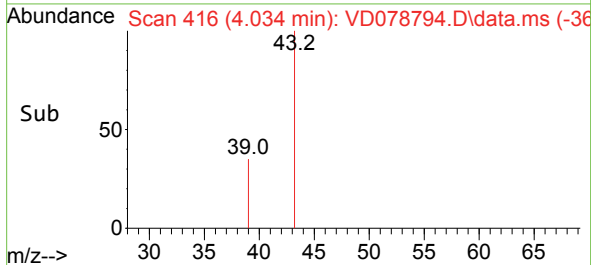
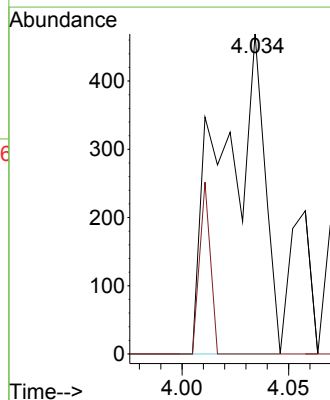
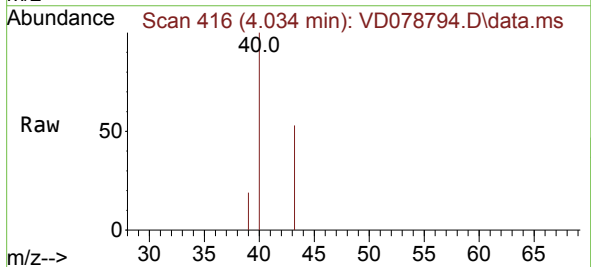
Instrument :
MSVOA_D
ClientSampleId :
SS-1

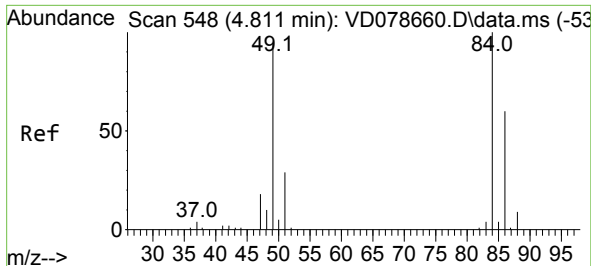
Tgt Ion:168 Resp: 153790
Ion Ratio Lower Upper
168 100
99 47.0 38.8 58.2



#16
Acetone
Concen: 2.318 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078794.D
Acq: 29 Mar 2024 15:27

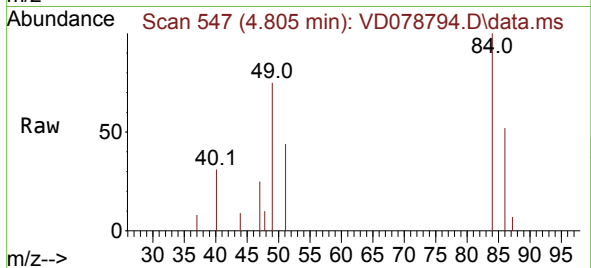
Tgt Ion: 43 Resp: 646
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#





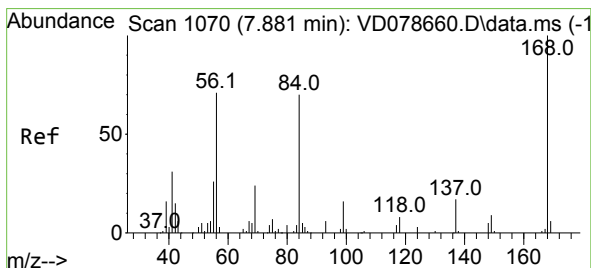
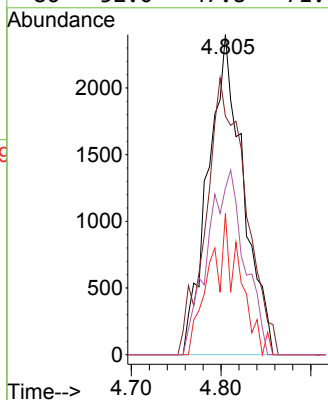
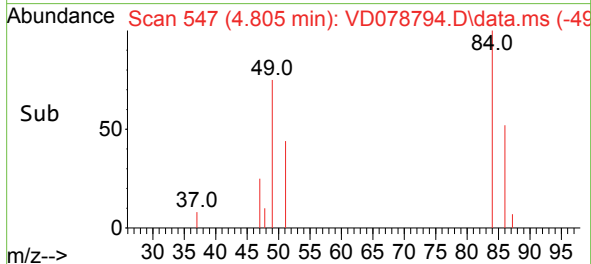
#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078794.D
Acq: 29 Mar 2024 15:27

Instrument :
MSVOA_D
ClientSampleId :
SS-1

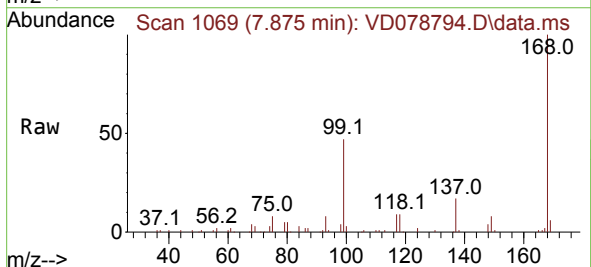


Tgt Ion: 84 Resp: 6513

Ion	Ratio	Lower	Upper
84	100		
49	74.5	75.6	113.4#
51	44.1	23.4	35.0#
86	52.0	47.8	71.6

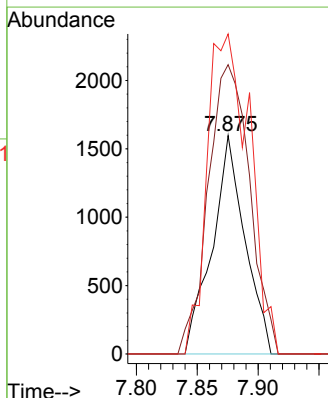
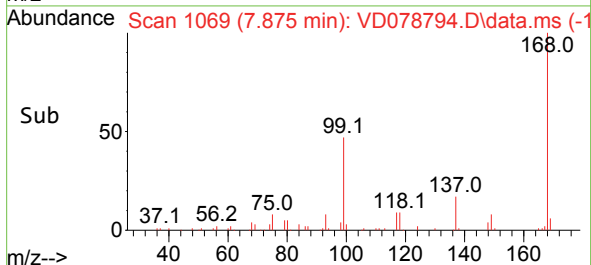


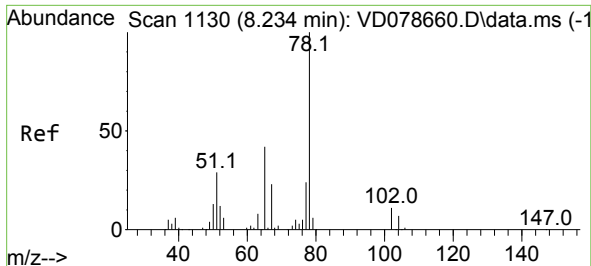
#31
Cyclohexane
Concen: 1.236 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078794.D
Acq: 29 Mar 2024 15:27



Tgt Ion: 56 Resp: 2995

Ion	Ratio	Lower	Upper
56	100		
69	132.4	26.6	40.0#
84	146.5	79.4	119.2#





#33

1,2-Dichloroethane-d4

Concen: 48.745 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078794.D

Acq: 29 Mar 2024 15:27

Instrument :

MSVOA_D

ClientSampleId :

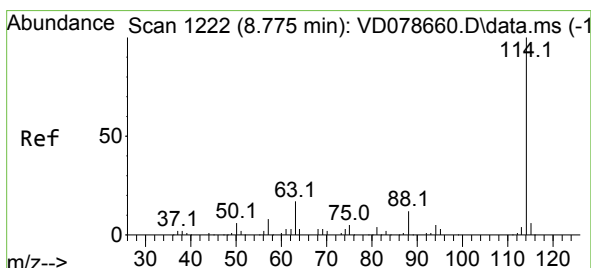
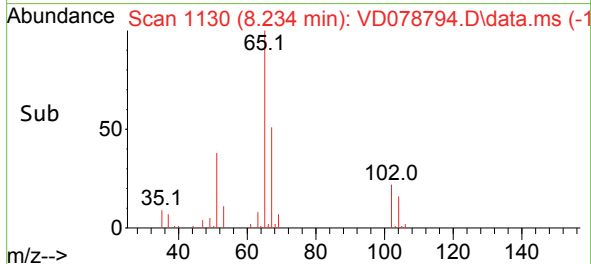
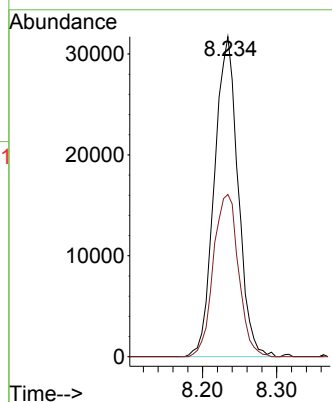
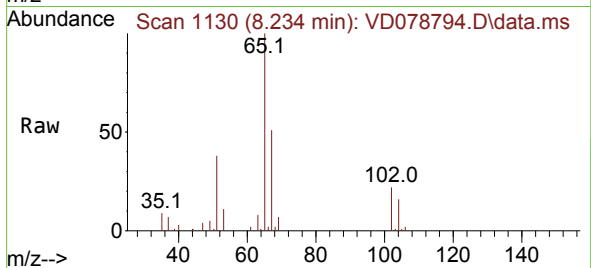
SS-1

Tgt Ion: 65 Resp: 70254

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078794.D

Acq: 29 Mar 2024 15:27

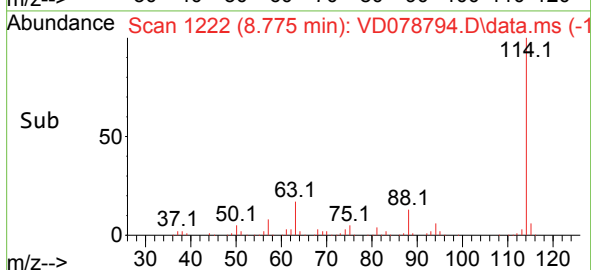
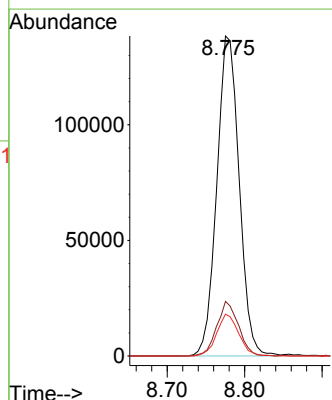
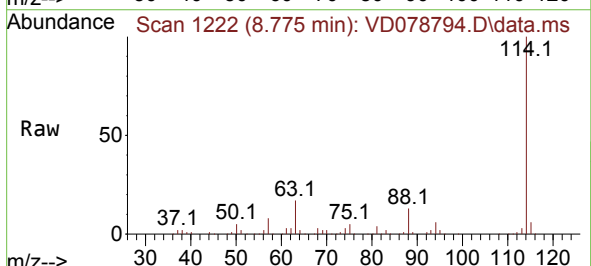
Tgt Ion: 114 Resp: 277786

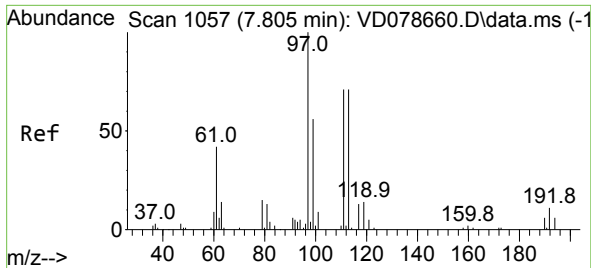
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 13.0 0.0 24.6

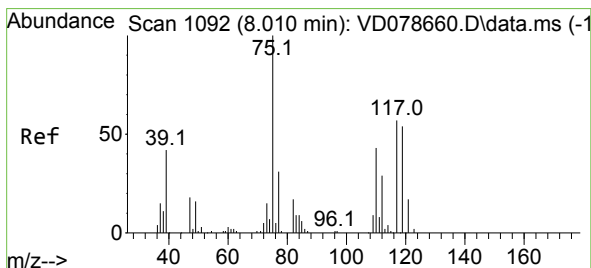
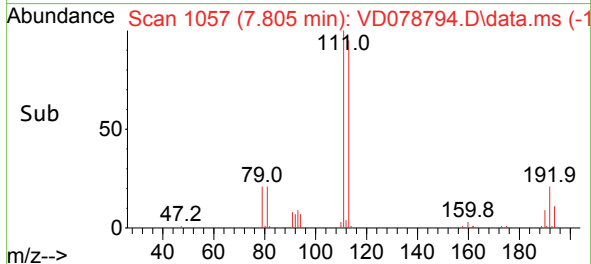
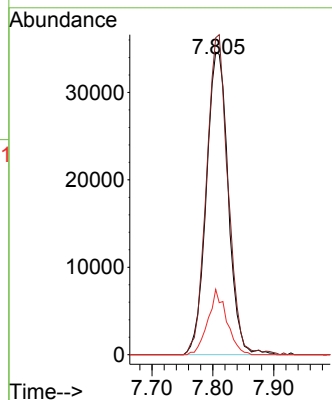
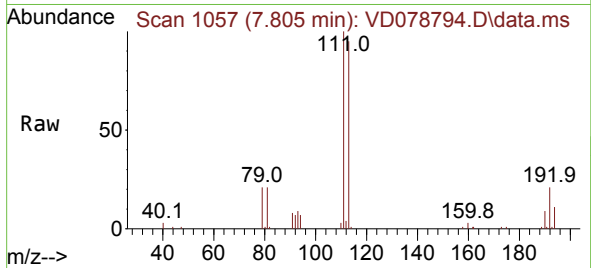




#35
Dibromofluoromethane
Concen: 48.314 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD078794.D
Acq: 29 Mar 2024 15:27

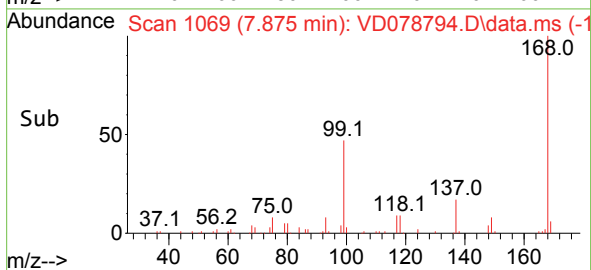
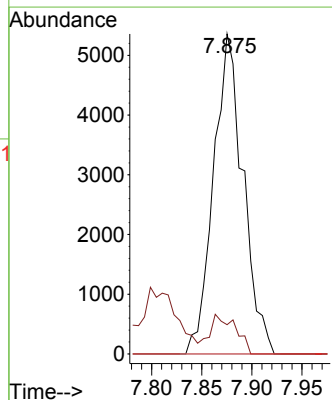
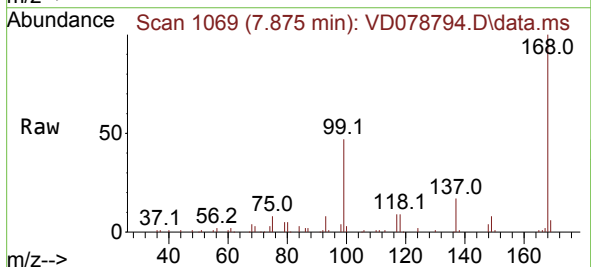
Instrument :
MSVOA_D
ClientSampleId :
SS-1

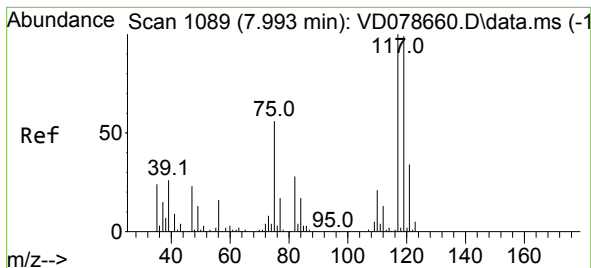
Tgt Ion:113 Resp: 86410
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 18.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.239 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078794.D
Acq: 29 Mar 2024 15:27

Tgt Ion: 75 Resp: 11001
Ion Ratio Lower Upper
75 100
110 10.9 19.1 57.1#
77 0.0 25.4 38.2#





#38

Carbon Tetrachloride

Concen: 5.237 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.112 min

Lab File: VD078794.D

Acq: 29 Mar 2024 15:27

Instrument :

MSVOA_D

ClientSampleId :

SS-1

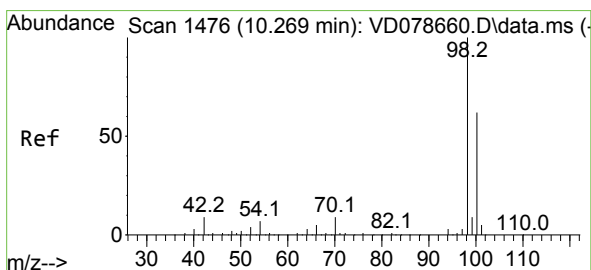
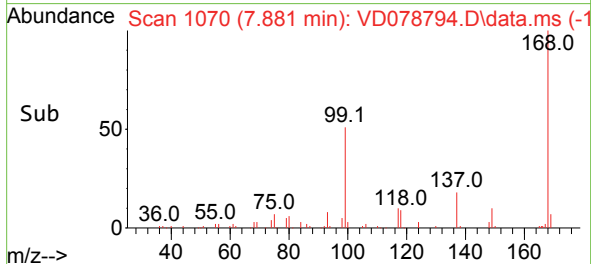
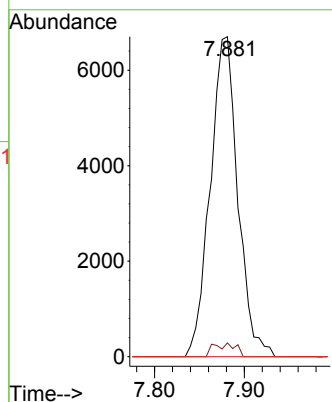
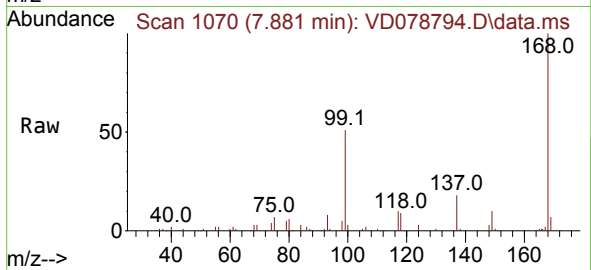
Tgt Ion:117 Resp: 14327

Ion Ratio Lower Upper

117 100

119 4.3 79.2 118.8#

121 0.0 26.8 40.2#



#50

Toluene-d8

Concen: 50.604 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078794.D

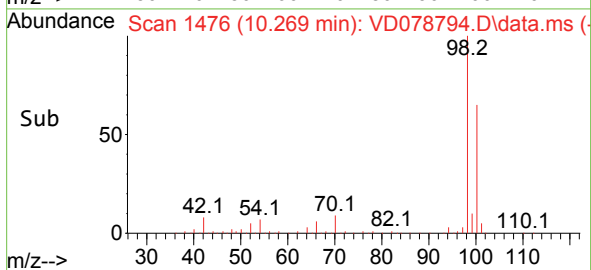
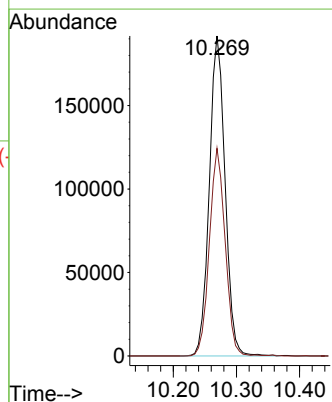
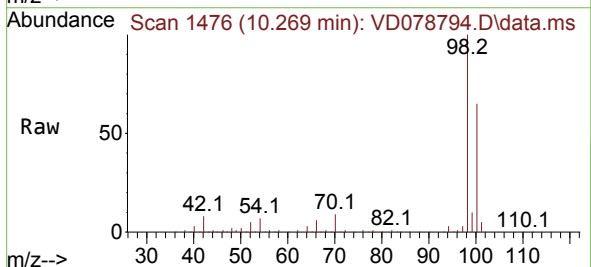
Acq: 29 Mar 2024 15:27

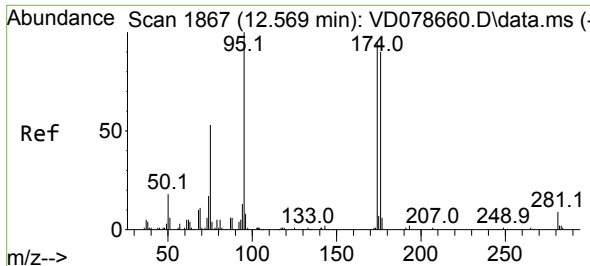
Tgt Ion: 98 Resp: 332853

Ion Ratio Lower Upper

98 100

100 64.8 50.5 75.7

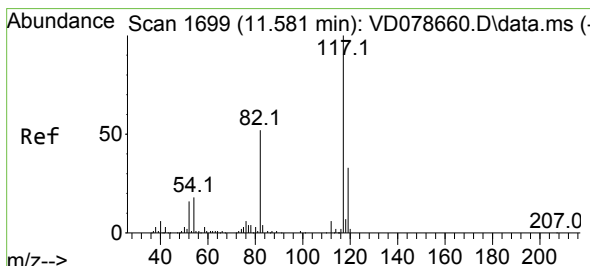
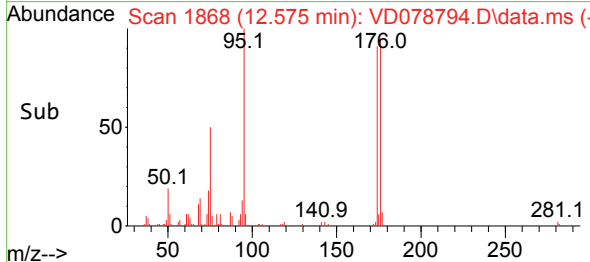
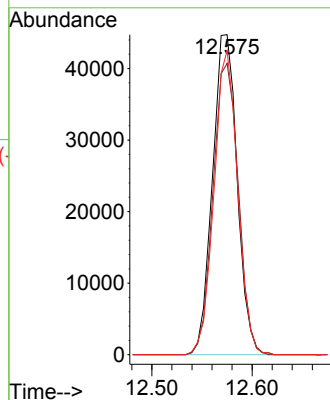
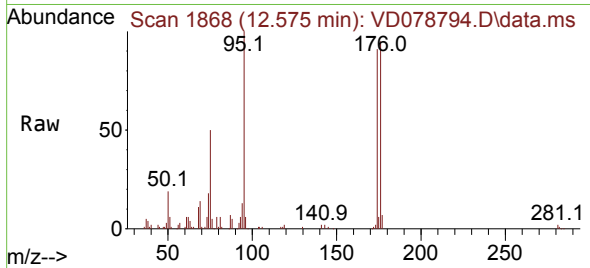




#62
4-Bromofluorobenzene
Concen: 39.684 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078794.D
Acq: 29 Mar 2024 15:27

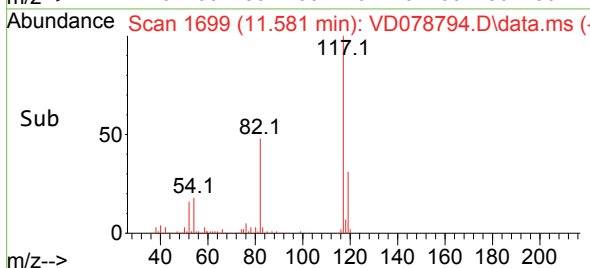
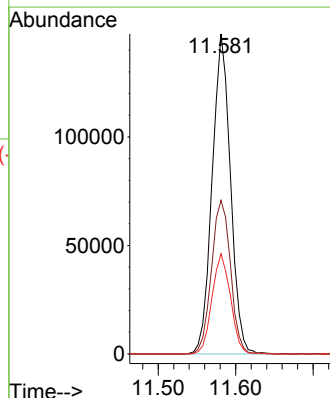
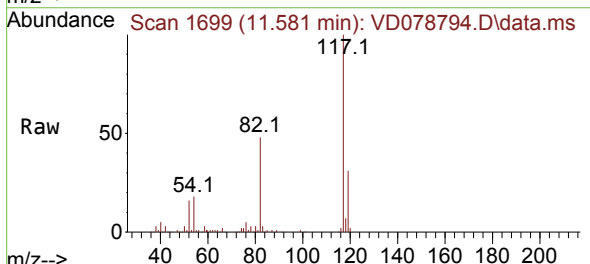
Instrument :
MSVOA_D
ClientSampleId :
SS-1

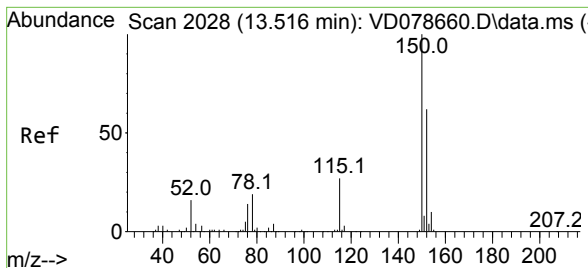
Tgt Ion: 95 Resp: 76364
Ion Ratio Lower Upper
95 100
174 93.2 0.0 195.2
176 91.1 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078794.D
Acq: 29 Mar 2024 15:27

Tgt Ion: 117 Resp: 242220
Ion Ratio Lower Upper
117 100
82 48.0 41.4 62.2
119 31.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078794.D

Acq: 29 Mar 2024 15:27

Instrument :

MSVOA_D

ClientSampleId :

SS-1

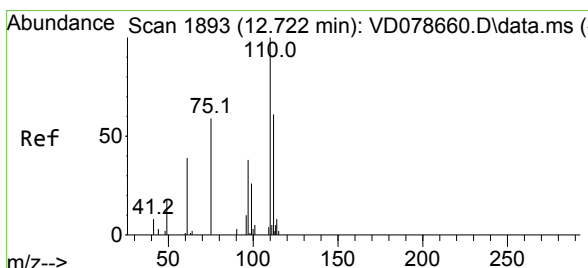
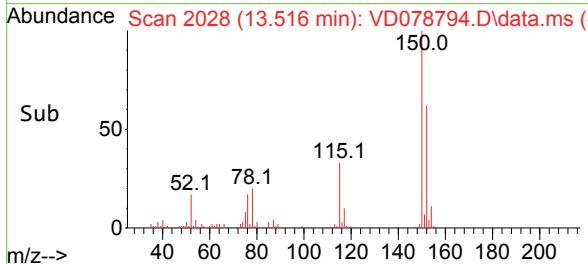
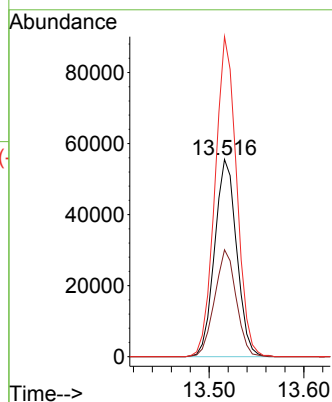
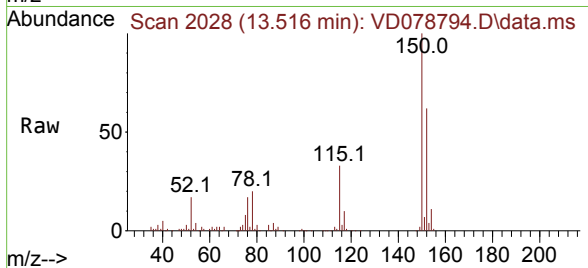
Tgt Ion:152 Resp: 89664

Ion Ratio Lower Upper

152 100

115 53.2 27.1 81.2

150 159.2 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 56.223 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078794.D

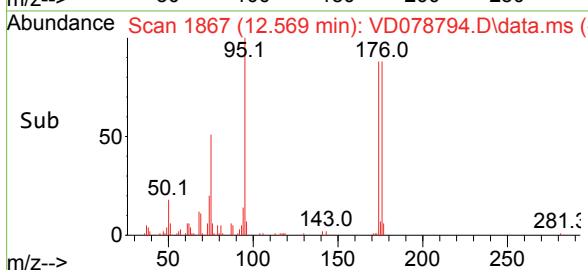
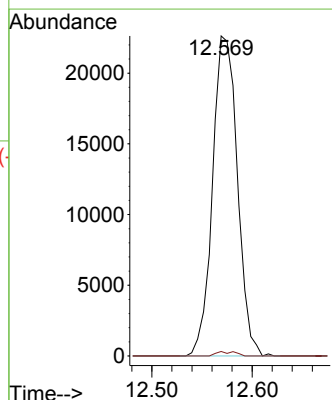
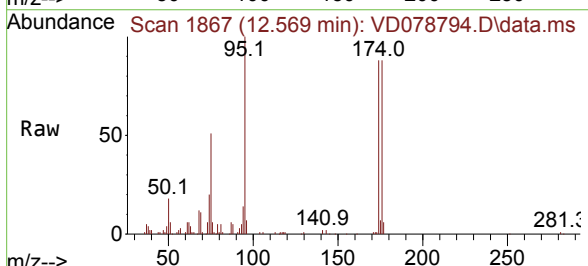
Acq: 29 Mar 2024 15:27

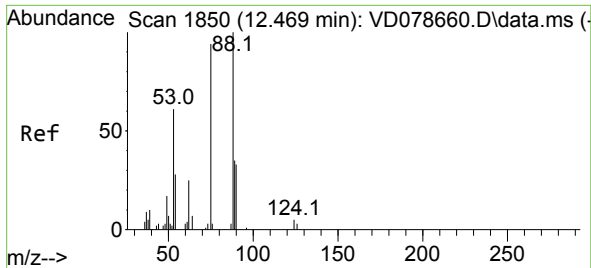
Tgt Ion: 75 Resp: 38839

Ion Ratio Lower Upper

75 100

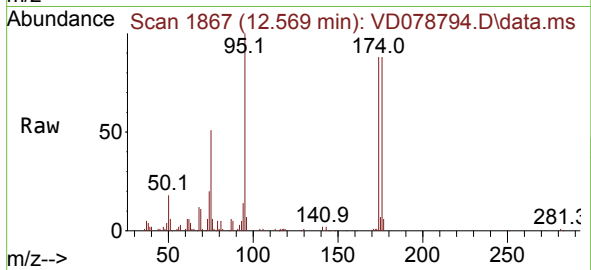
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 117.852 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD078794.D
Acq: 29 Mar 2024 15:27

Instrument :
MSVOA_D
ClientSampleId :
SS-1



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

