

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075329.D
 Acq On : 13 Feb 2023 16:00
 Operator : KP/SY
 Sample : 01529-02RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-5.0-7.0

Quant Time: Feb 14 01:24:14 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)

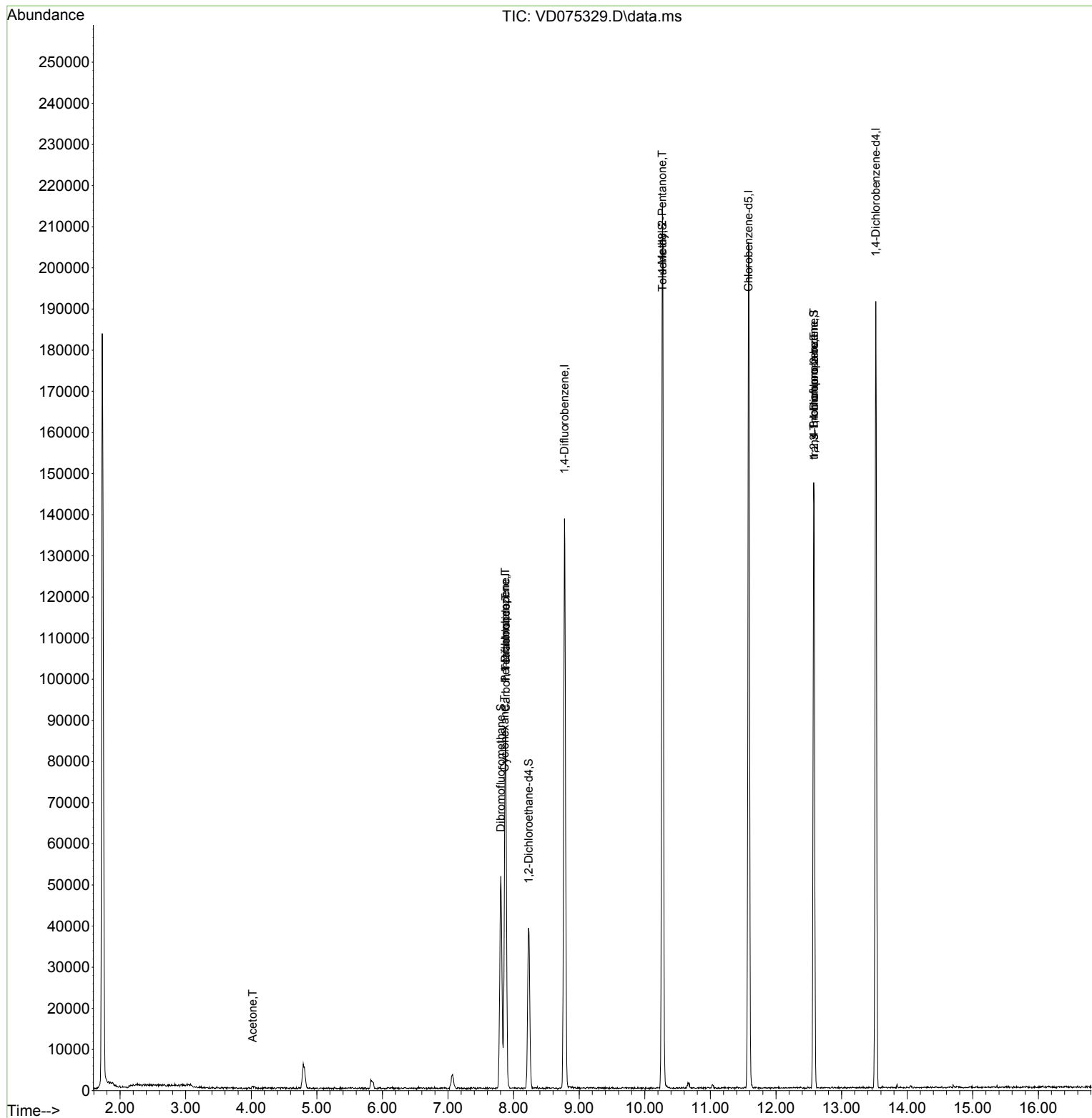
Internal Standards						
1) Pentafluorobenzene	7.875	168	65410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	115257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	111908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	47580	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31234	40.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.440%
35) Dibromofluoromethane	7.805	113	34969	43.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.540%
50) Toluene-d8	10.269	98	142773	46.583	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.575	95	44201	43.737	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.480%
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	792	3.905	ug/l #	83
20) Methylene Chloride	4.799	84	4148	Below Cal		94
31) Cyclohexane	7.863	56	1657	1.217	ug/l #	40
36) 1,1-Dichloropropene	7.875	75	5416	4.302	ug/l #	46
38) Carbon Tetrachloride	7.881	117	6996	5.997	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	745	1.405	ug/l #	1
76) 1,2,3-Trichloropropane	12.581	75	24874	46.025	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	24874	145.234	ug/l #	14

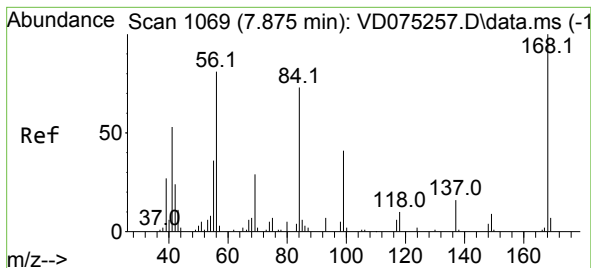
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
SB-06-5.0-7.0

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Quant Title : SW846 8260
QLast Update : Wed Feb 08 04:26:58 2023
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: VD075329.D

Acq: 13 Feb 2023 16:00

Instrument :

MSVOA_D

ClientSampleId :

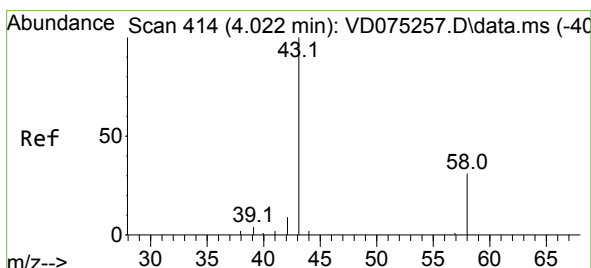
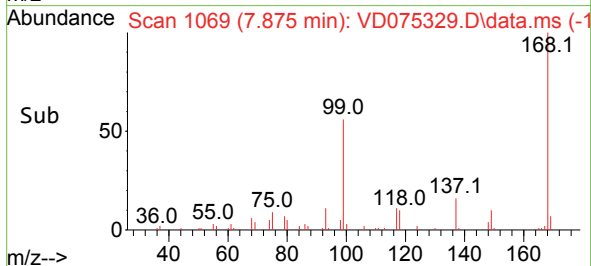
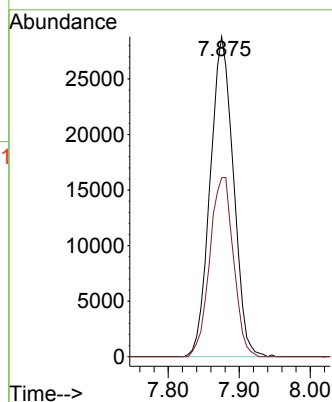
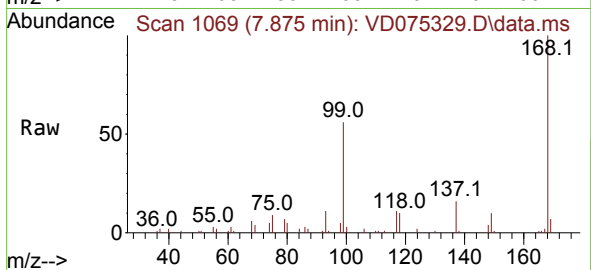
SB-06-5.0-7.0

Tgt Ion:168 Resp: 65410

Ion Ratio Lower Upper

168 100

99 55.9 45.2 67.8



#16

Acetone

Concen: 3.905 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD075329.D

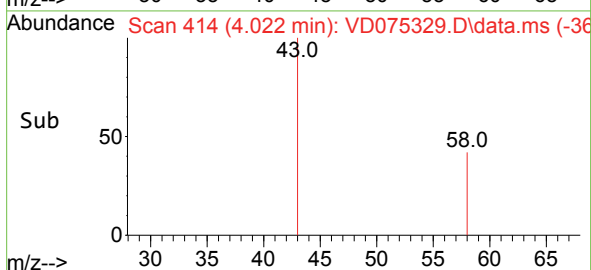
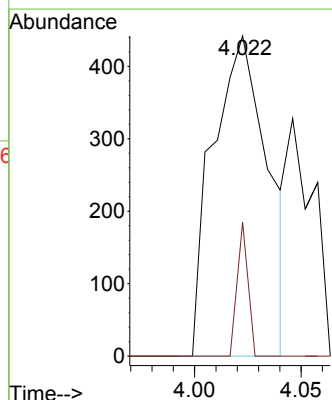
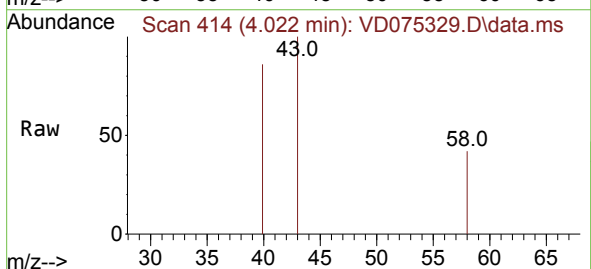
Acq: 13 Feb 2023 16:00

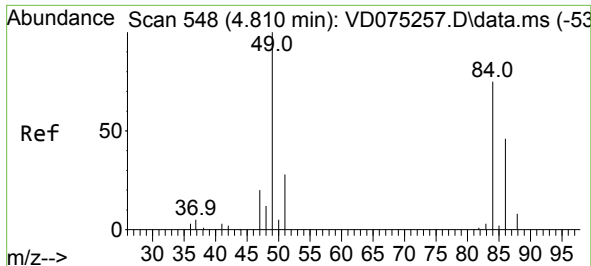
Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

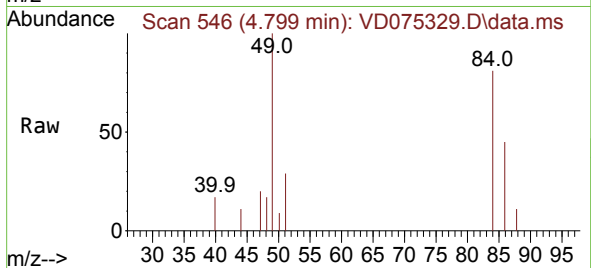
58 41.9 26.0 39.0#



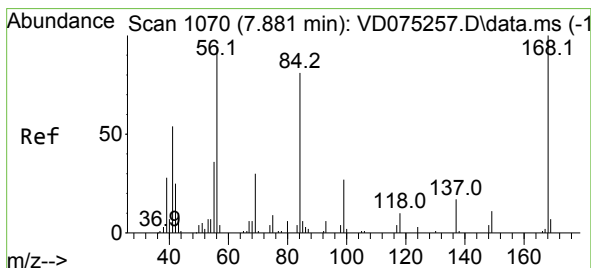
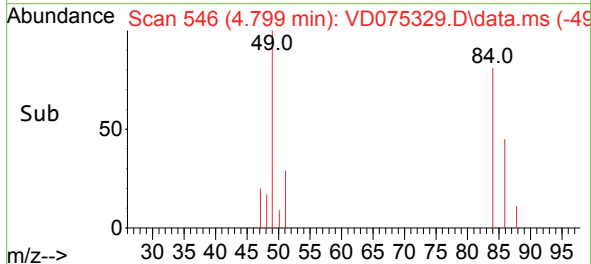
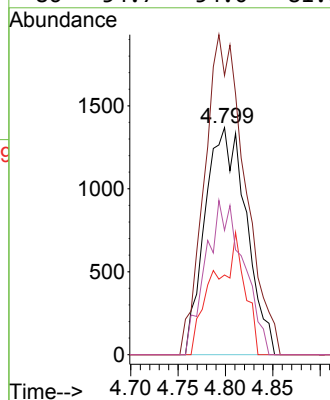


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.011 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

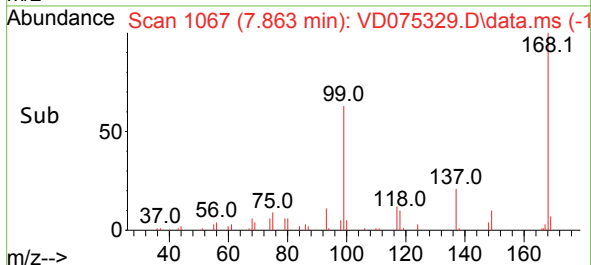
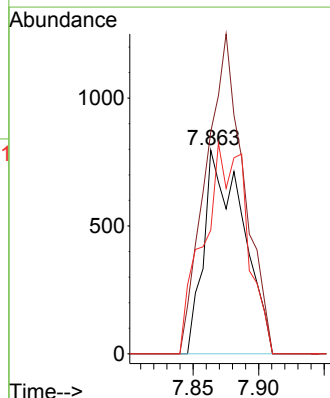
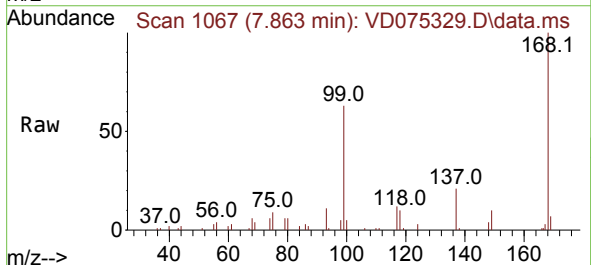


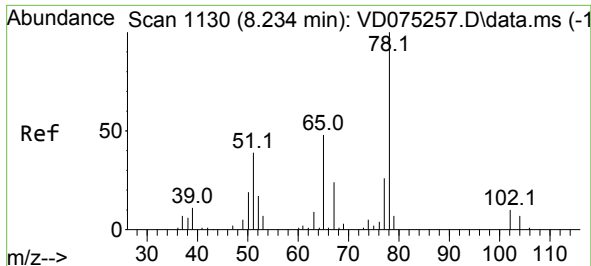
Tgt Ion:	84	Resp:	4148
Ion	Ratio	Lower	Upper
84	100		
49	122.9	97.0	145.6
51	35.1	30.9	46.3
86	54.7	54.0	81.0



#31
Cyclohexane
Concen: 1.217 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.018 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

Tgt Ion:	56	Resp:	1657
Ion	Ratio	Lower	Upper
56	100		
69	109.0	26.6	40.0#
84	60.7	74.1	111.1#

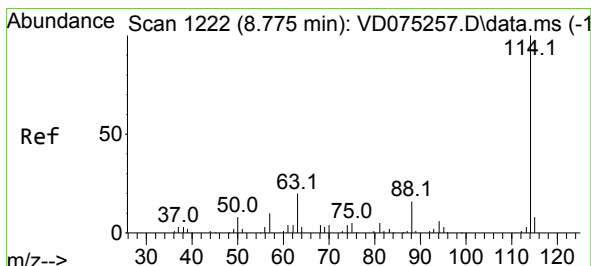
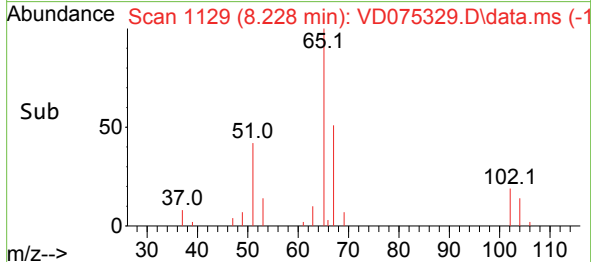
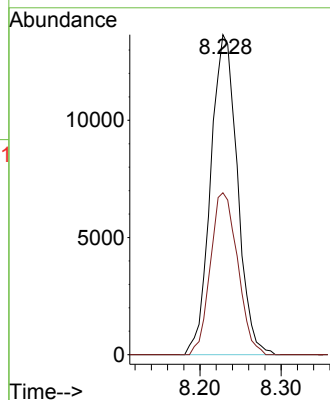
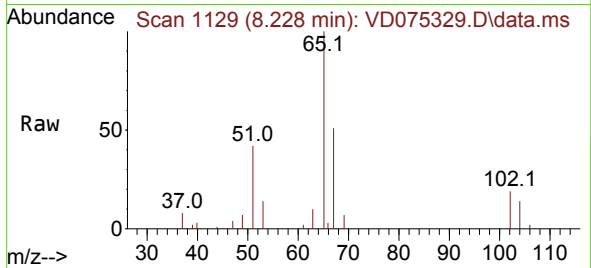




#33
1,2-Dichloroethane-d4
Concen: 40.723 ug/l
RT: 8.228 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

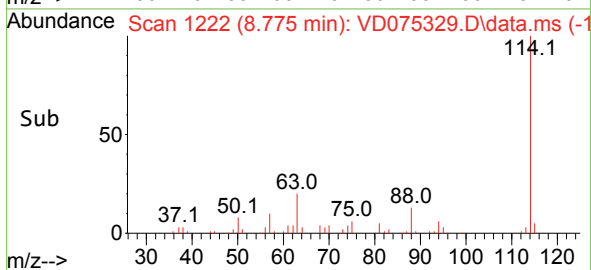
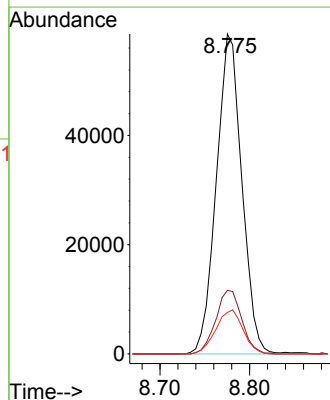
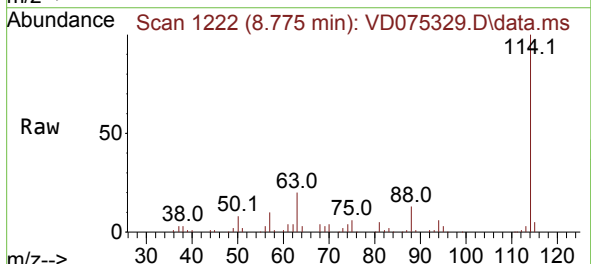
Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

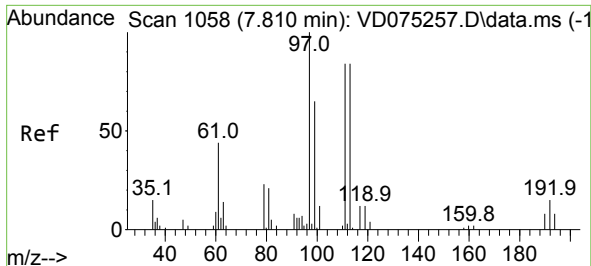
Tgt Ion: 65 Resp: 31234
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

Tgt Ion:114 Resp: 115257
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.2
88 12.9 0.0 32.2

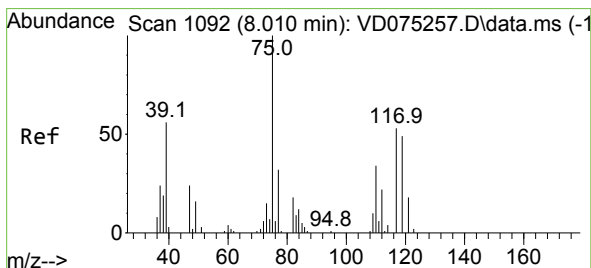
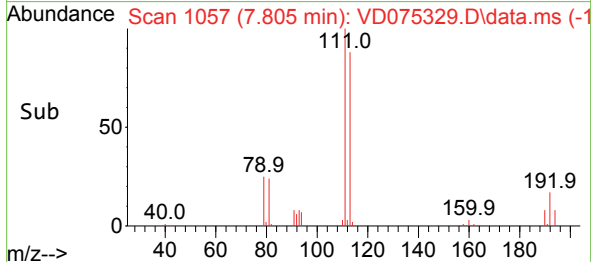
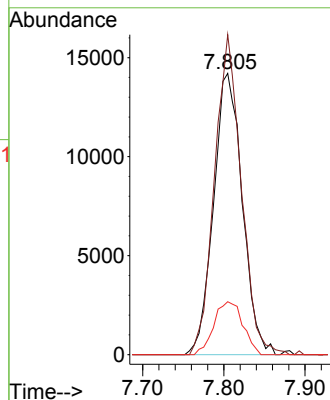
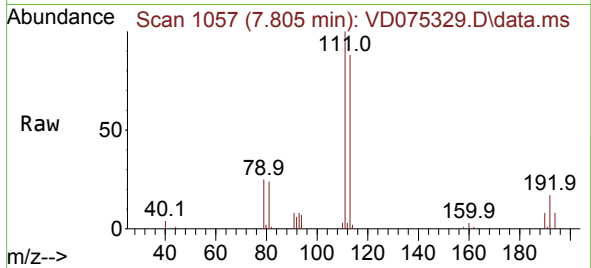




#35
Dibromofluoromethane
Concen: 43.269 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.005 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

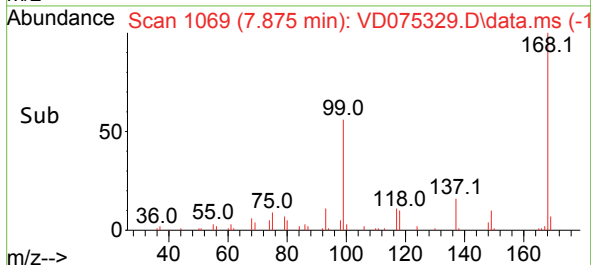
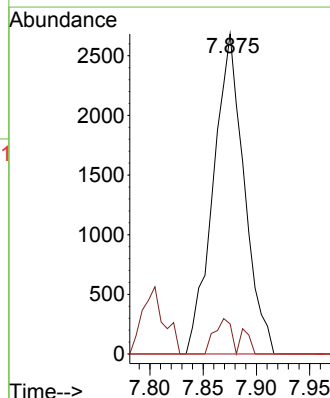
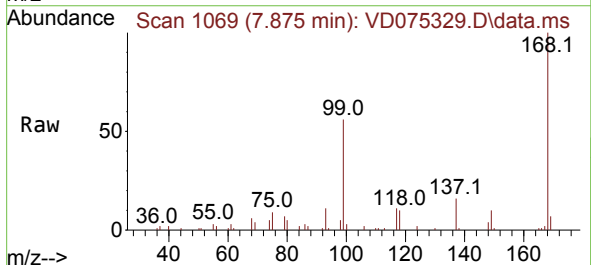
Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

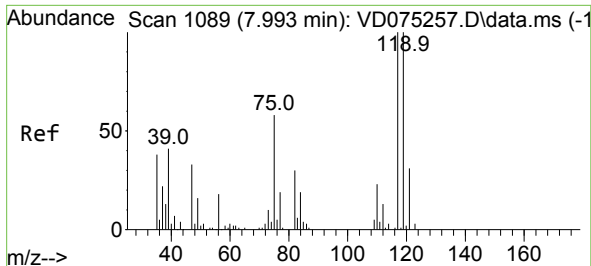
Tgt Ion:113 Resp: 34969
Ion Ratio Lower Upper
113 100
111 105.8 80.1 120.1
192 19.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.302 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

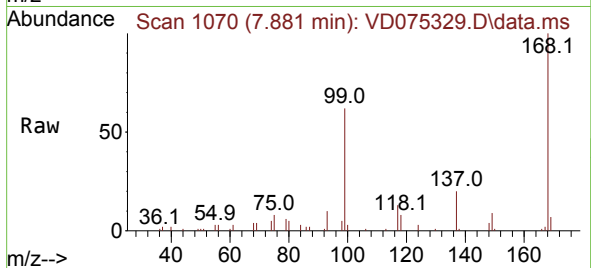
Tgt Ion: 75 Resp: 5416
Ion Ratio Lower Upper
75 100
110 6.0 18.1 54.4#
77 0.0 25.1 37.7#



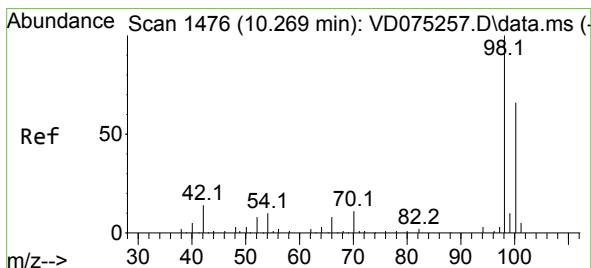
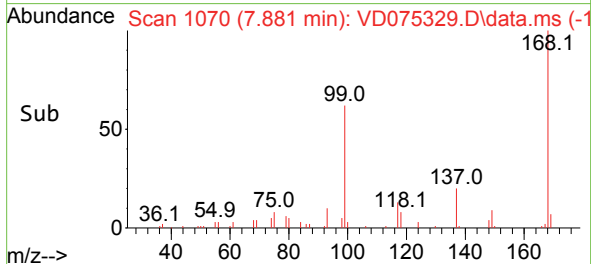
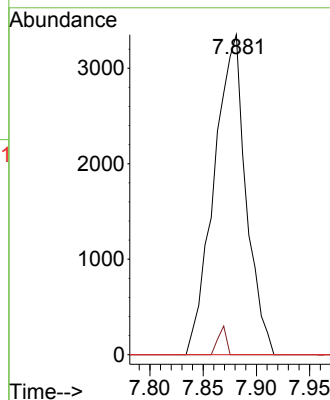


#38
Carbon Tetrachloride
Concen: 5.997 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

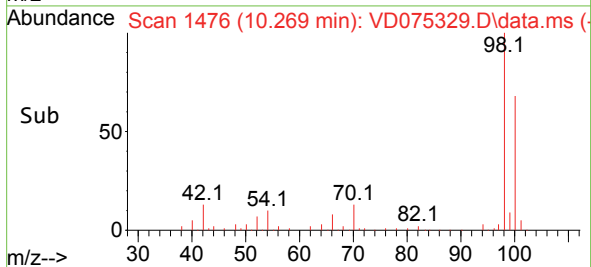
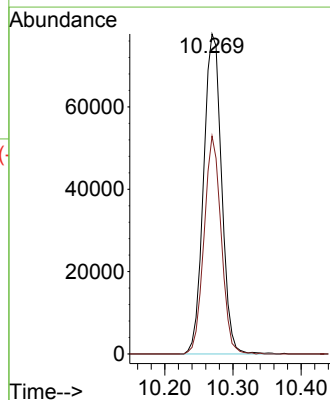
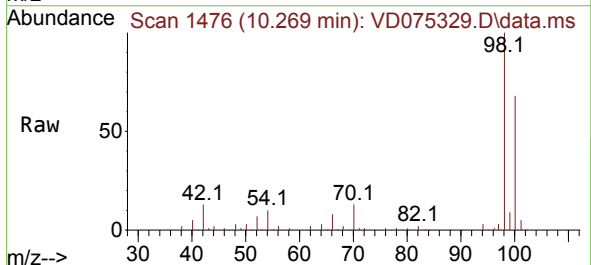


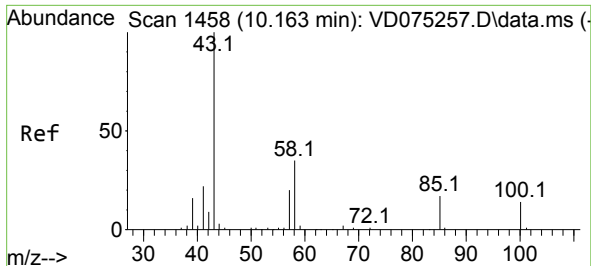
Tgt Ion:117 Resp: 6996
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 46.583 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

Tgt Ion: 98 Resp: 142773
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

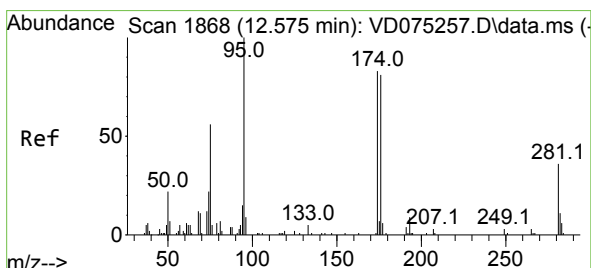
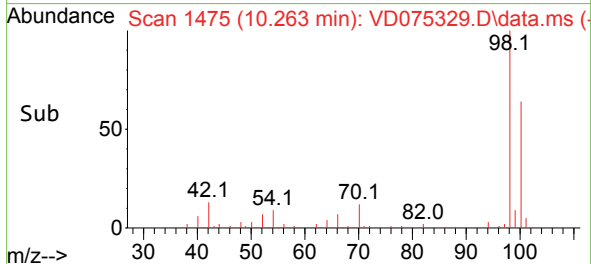
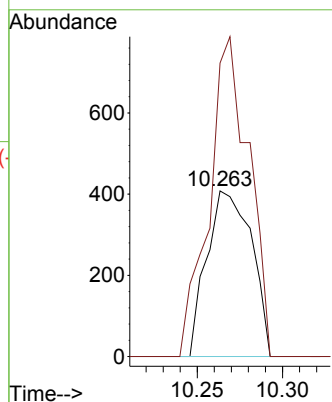
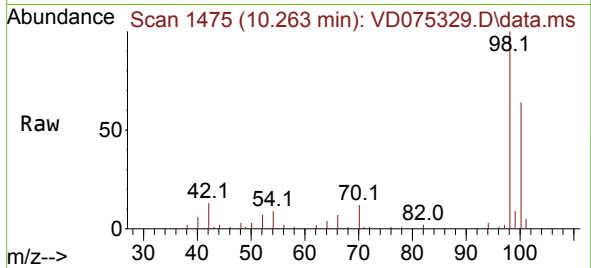




#51
4-Methyl-2-Pentanone
Concen: 1.405 ug/l
RT: 10.263 min Scan# 1458
Delta R.T. 0.100 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

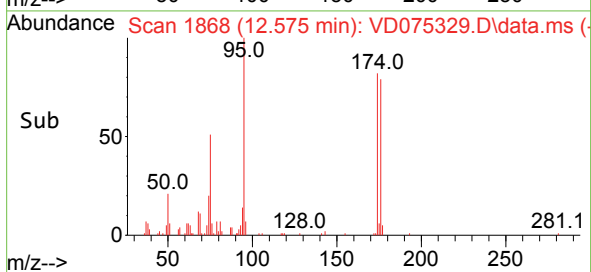
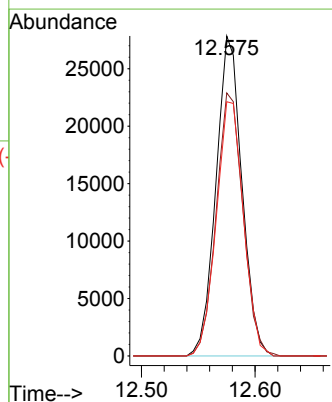
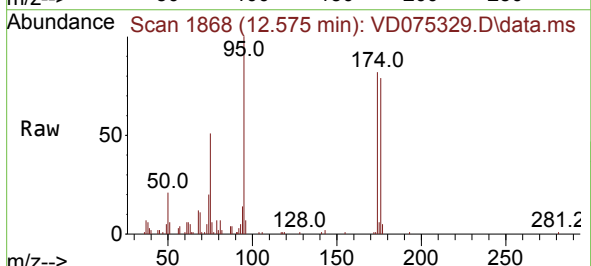
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MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

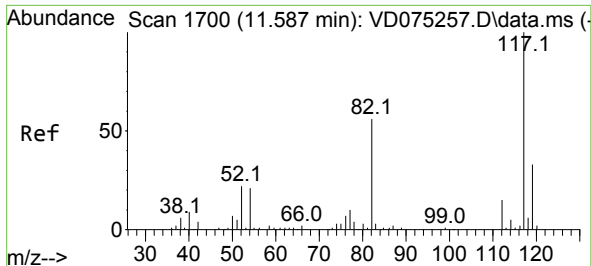
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 171.3 31.4 47.0#



#62
4-Bromofluorobenzene
Concen: 43.737 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

Tgt Ion: 95 Resp: 44201
Ion Ratio Lower Upper
95 100
174 84.9 0.0 161.2
176 83.2 0.0 160.2

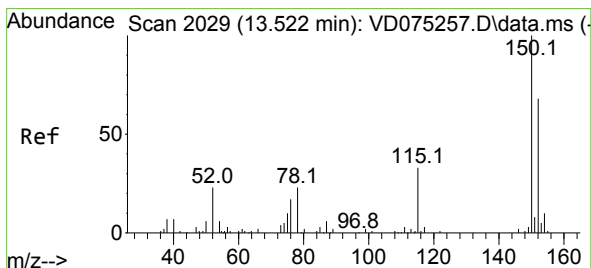
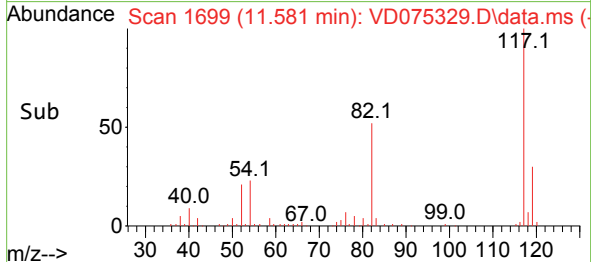
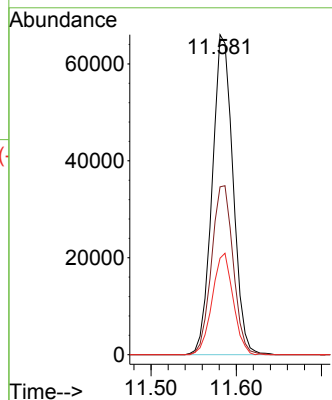
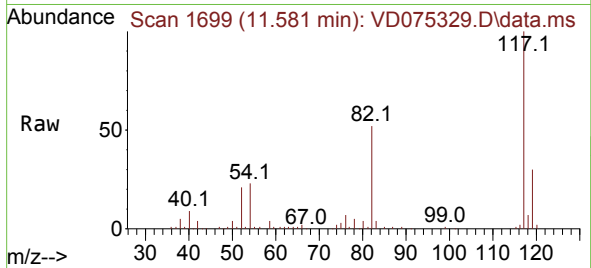




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

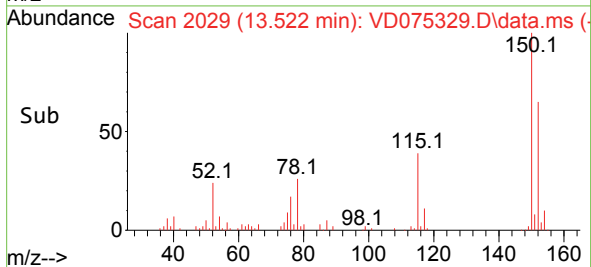
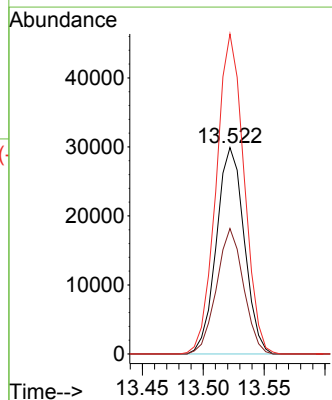
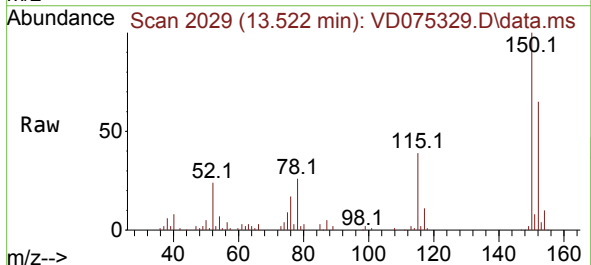
Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

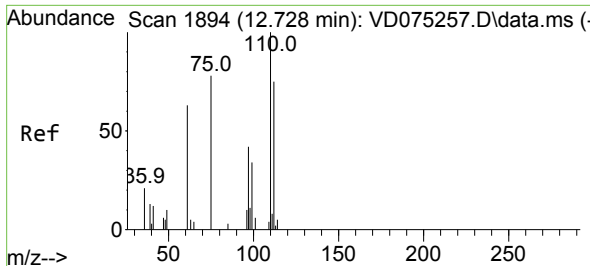
Tgt Ion:117 Resp: 111908
Ion Ratio Lower Upper
117 100
82 52.5 39.6 59.4
119 30.1 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

Tgt Ion:152 Resp: 47580
Ion Ratio Lower Upper
152 100
115 58.8 28.8 86.4
150 155.2 0.0 348.6

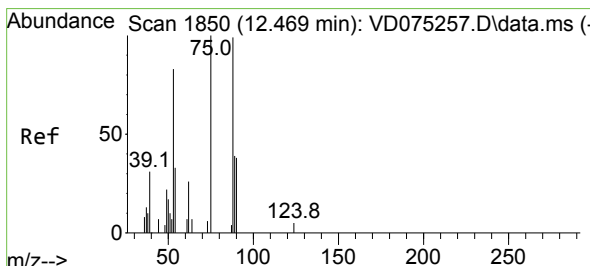
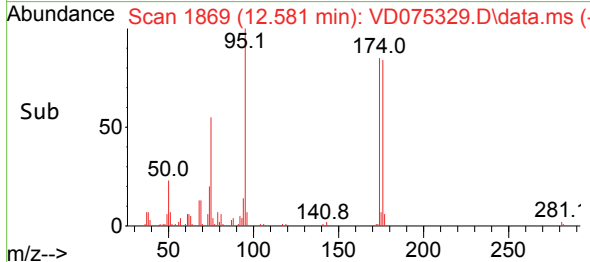
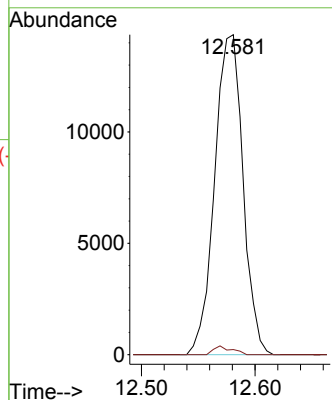
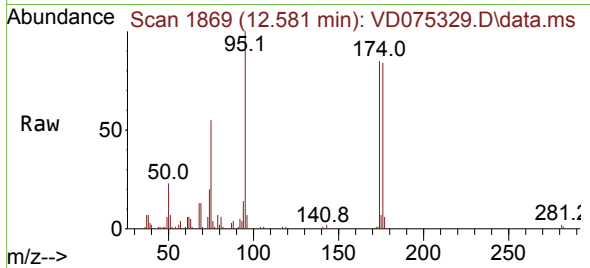




#76
1,2,3-Trichloropropane
Concen: 46.025 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

Instrument :
MSVOA_D
ClientSampleId :
SB-06-5.0-7.0

Tgt Ion: 75 Resp: 24874
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.234 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD075329.D
Acq: 13 Feb 2023 16:00

Tgt Ion: 75 Resp: 24874
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#

