

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091322\
 Data File : VD074275.D
 Acq On : 13 Sep 2022 19:40
 Operator : VA/SY
 Sample : N4569-02
 Misc : 4.92G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(5-10)

Quant Time: Sep 14 01:58:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

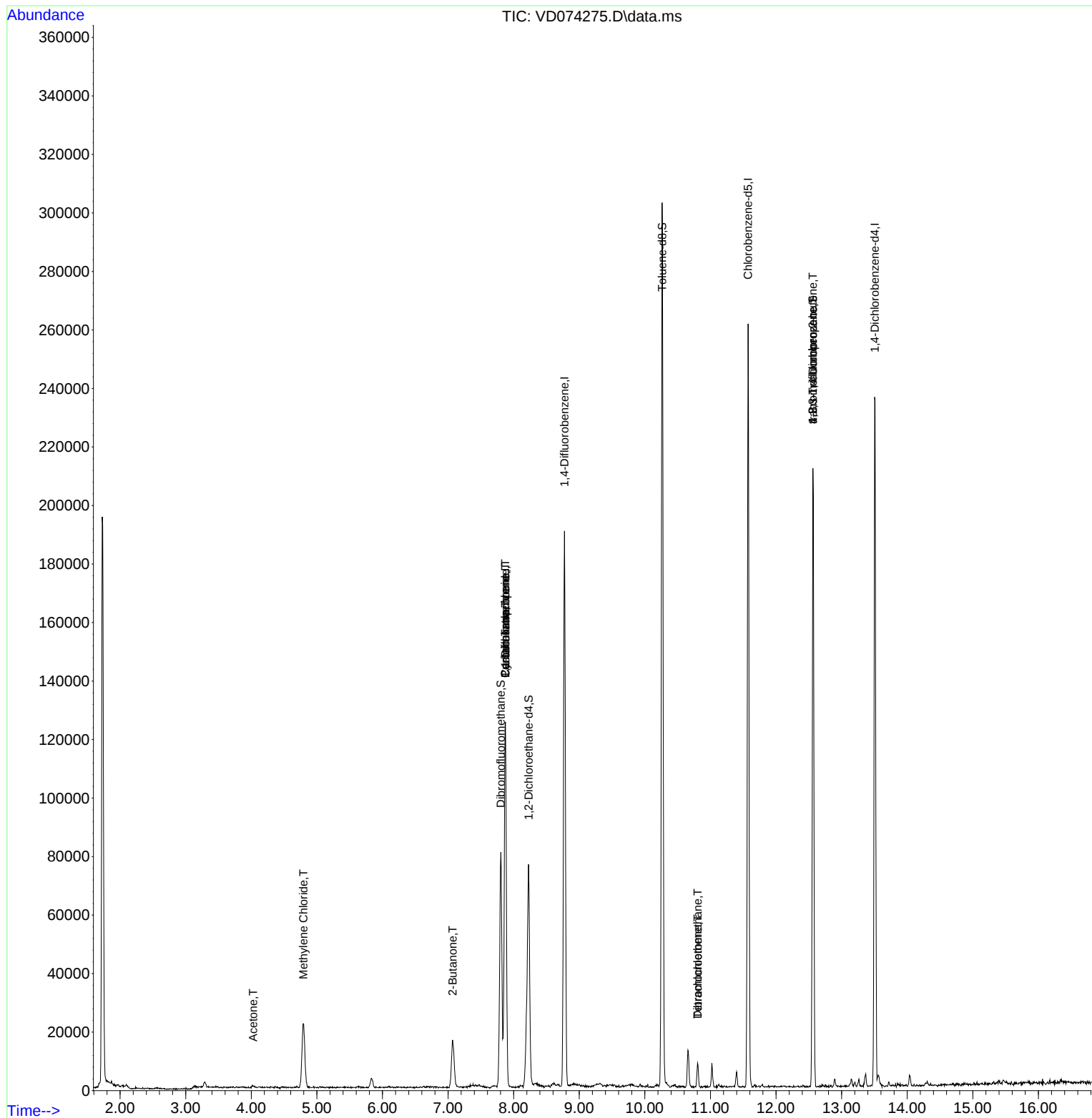
Internal Standards						
1) Pentafluorobenzene	7.875	168	100260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	170638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	146234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	66295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	53691	52.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.060%	
35) Dibromofluoromethane	7.804	113	56636	49.568	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.140%	
50) Toluene-d8	10.263	98	212681	50.846	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.700%	
62) 4-Bromofluorobenzene	12.563	95	62920	41.957	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.920%	
Target Compounds						
2) Dichlorodifluoromethane	1.934	85	83	Below Cal	Qvalue #	39
16) Acetone	4.028	43	1138	5.394	ug/l #	84
20) Methylene Chloride	4.793	84	17548	8.633	ug/l	95
25) 2-Butanone	7.069	43	443	1.259	ug/l #	48
31) Cyclohexane	7.875	56	2133	1.010	ug/l #	21
36) 1,1-Dichloropropene	7.875	75	7869	4.261	ug/l #	50
38) Carbon Tetrachloride	7.875	117	9560	5.721	ug/l #	14
60) Dibromochloromethane	10.804	129	1732	1.492	ug/l #	10
64) Tetrachloroethene	10.804	164	2055	1.838	ug/l #	92
76) 1,2,3-Trichloropropane	12.563	75	33052	48.633	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	33052	119.907	ug/l #	100

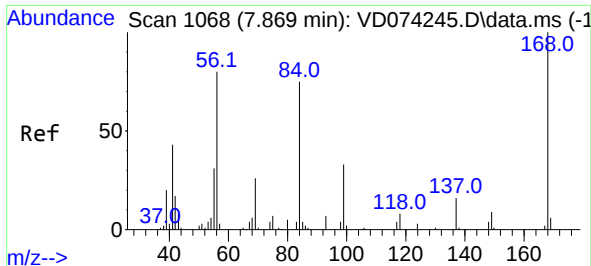
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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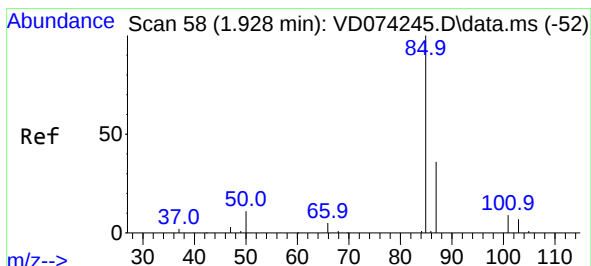
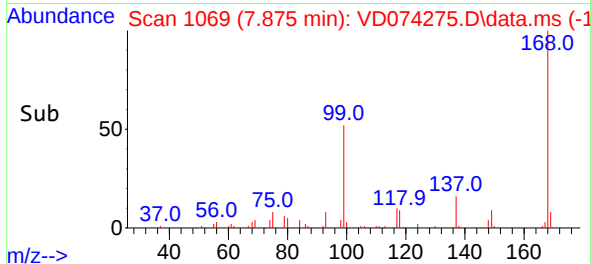
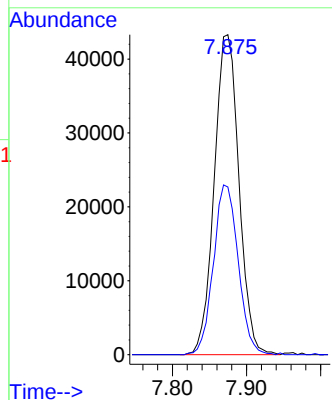
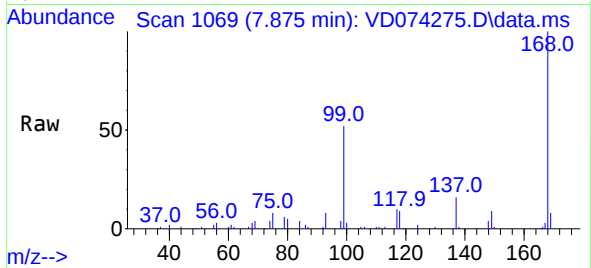




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

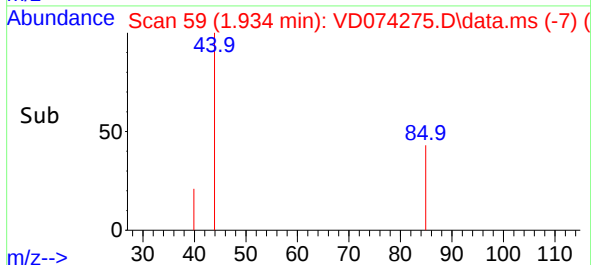
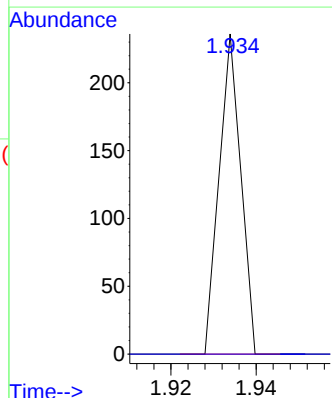
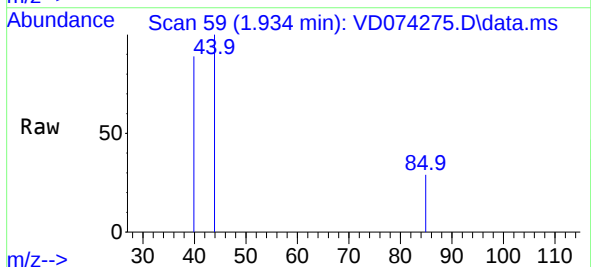
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(5-10)

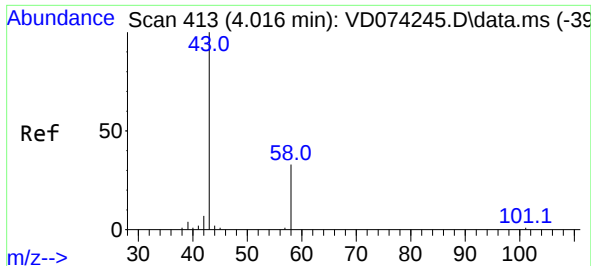
Tgt Ion:168 Resp: 100260
Ion Ratio Lower Upper
168 100
99 52.4 43.0 64.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 85 Resp: 83
Ion Ratio Lower Upper
85 100
87 0.0 17.9 53.7#

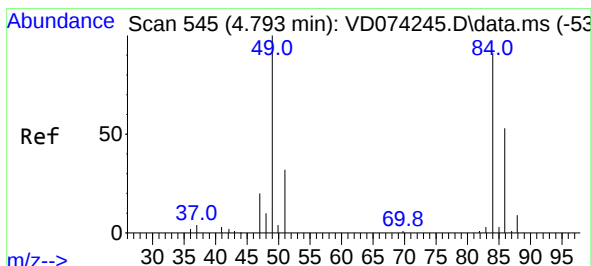
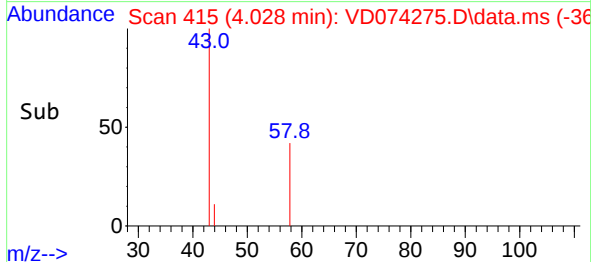
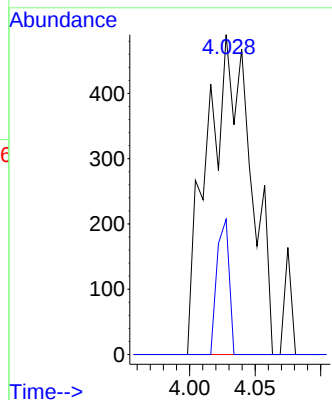
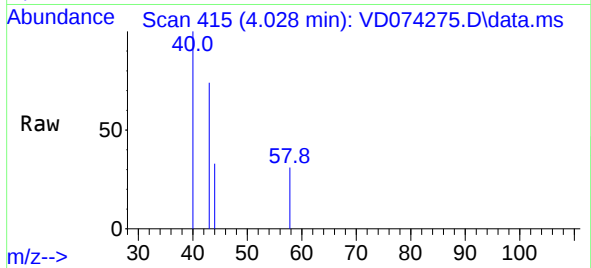




#16
Acetone
Concen: 5.394 ug/l
RT: 4.028 min Scan# 413
Delta R.T. 0.011 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

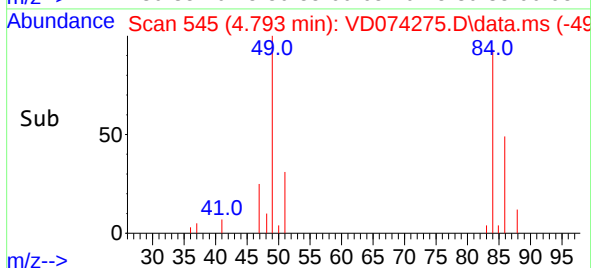
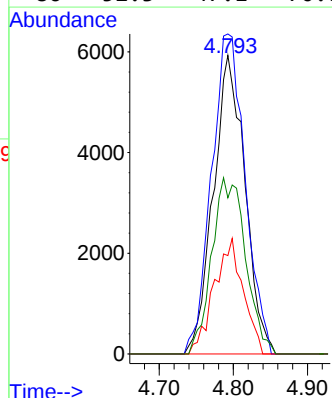
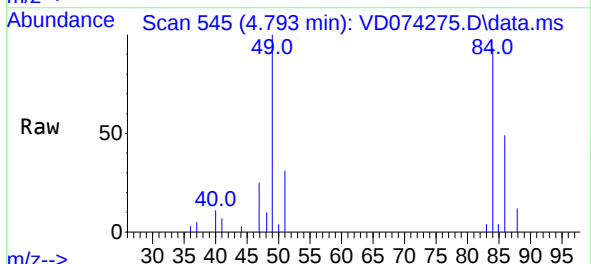
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(5-10)

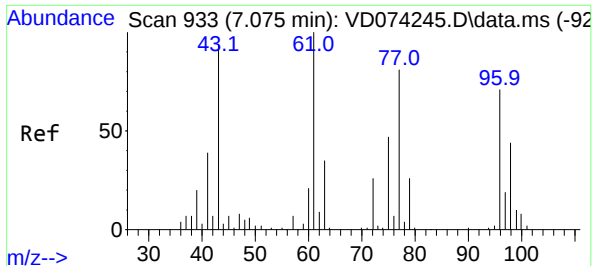
Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
58 42.2 26.4 39.6#



#20
Methylene Chloride
Concen: 8.633 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 84 Resp: 17548
Ion Ratio Lower Upper
84 100
49 107.2 88.4 132.6
51 33.0 28.0 42.0
86 52.3 47.1 70.7





#25

2-Butanone

Concen: 1.259 ug/l

RT: 7.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074275.D

Acq: 13 Sep 2022 19:40

Instrument :

MSVOA_D

ClientSampleId :

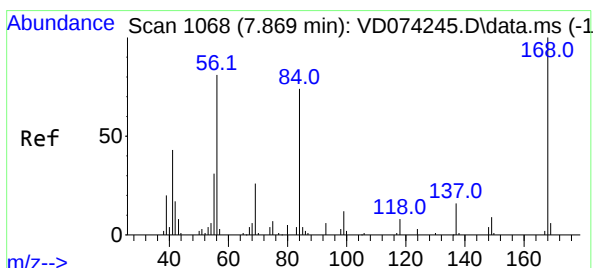
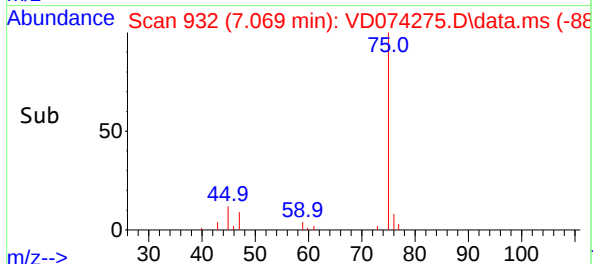
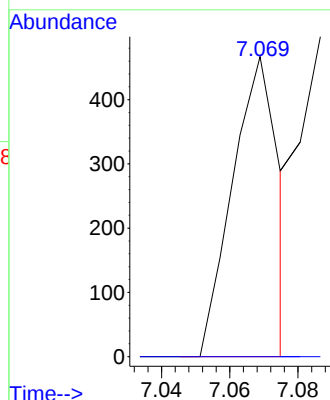
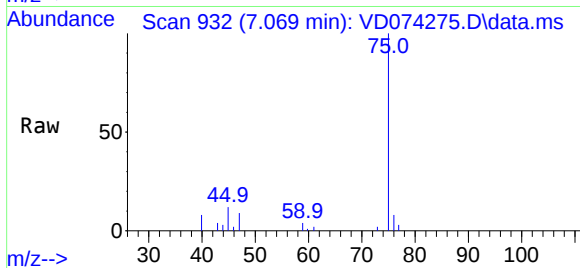
SASP2-T-6-(5-10)

Tgt Ion: 43 Resp: 443

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#



#31

Cyclohexane

Concen: 1.010 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VD074275.D

Acq: 13 Sep 2022 19:40

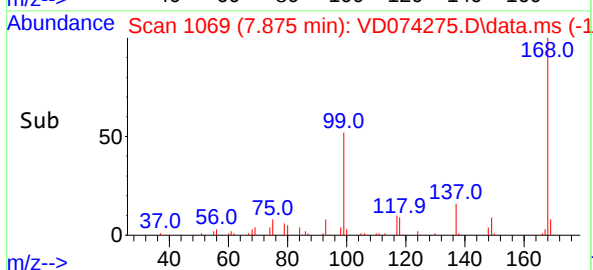
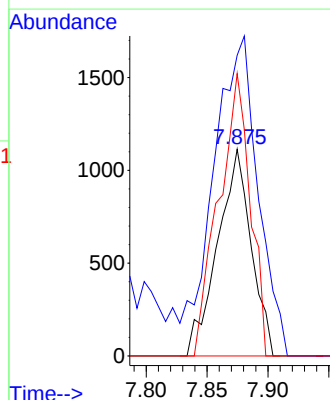
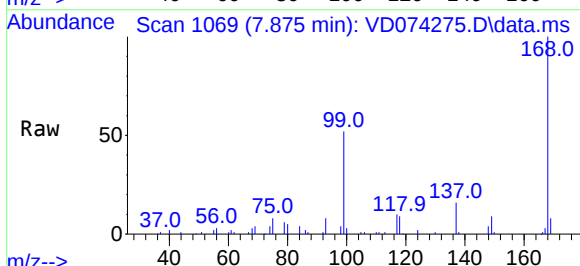
Tgt Ion: 56 Resp: 2133

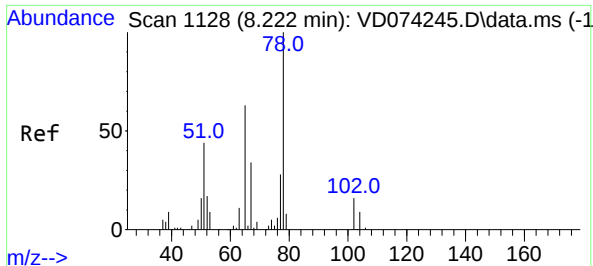
Ion Ratio Lower Upper

56 100

69 129.6 25.7 38.5#

84 136.5 73.9 110.9#

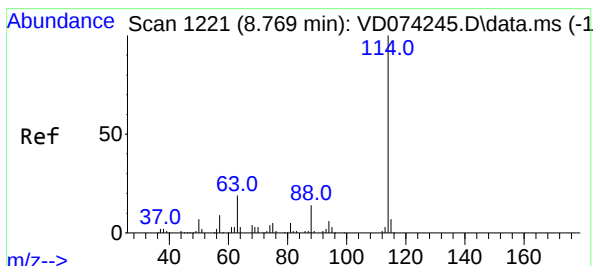
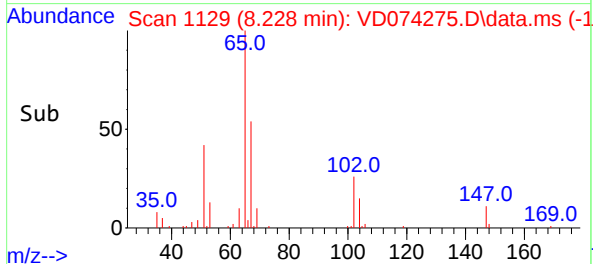
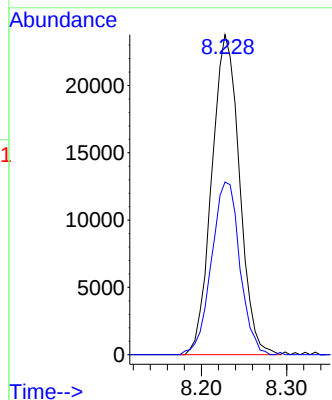
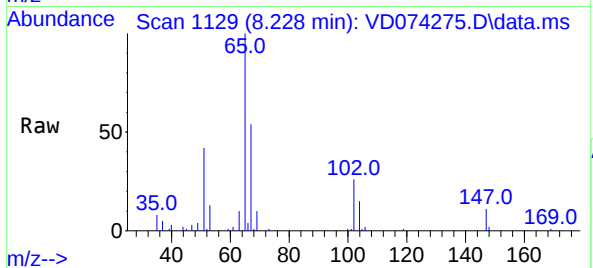




#33
1,2-Dichloroethane-d4
Concen: 52.527 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

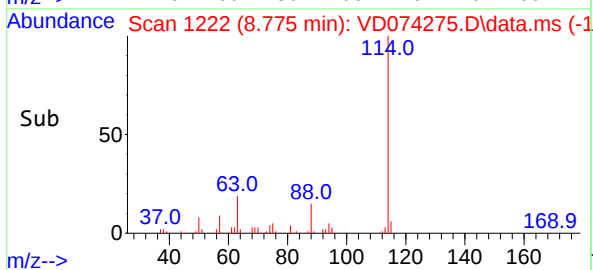
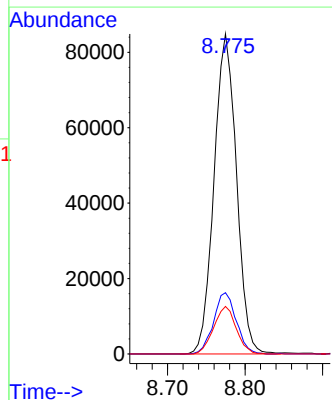
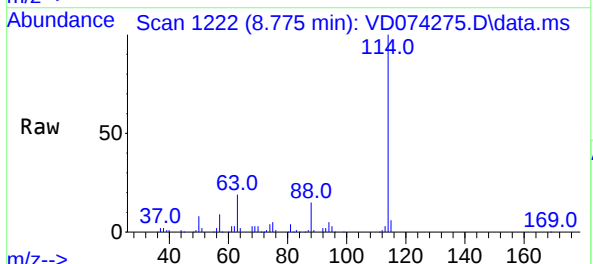
Instrument :
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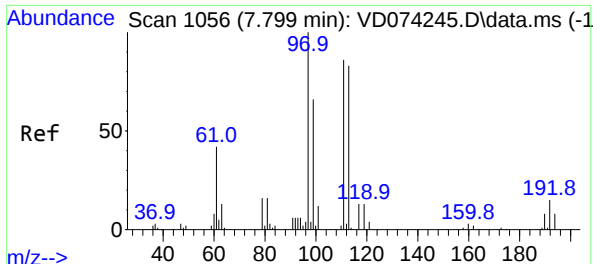
Tgt Ion: 65 Resp: 53691
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

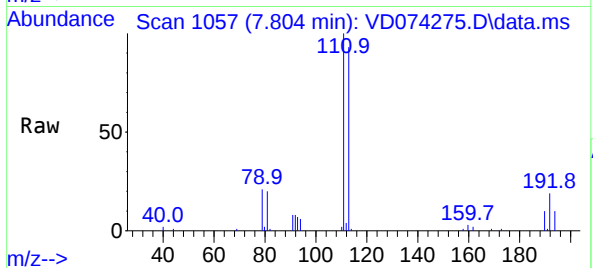
Tgt Ion: 114 Resp: 170638
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.6
88 14.8 0.0 28.4



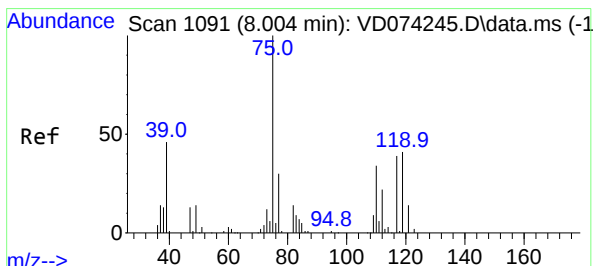
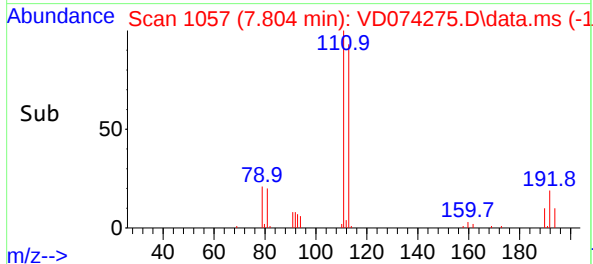
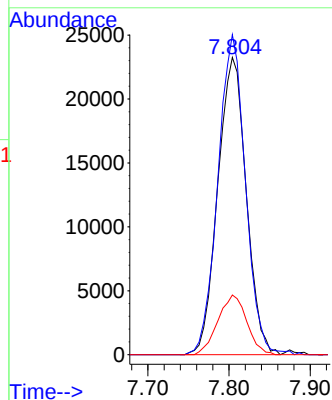


#35
Dibromofluoromethane
Concen: 49.568 ug/l
RT: 7.804 min Scan# 1069
Delta R.T. 0.005 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(5-10)

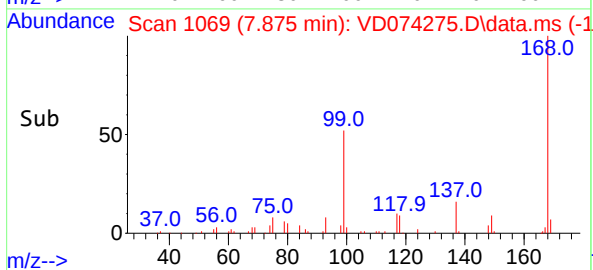
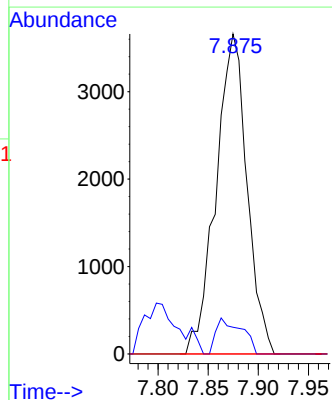
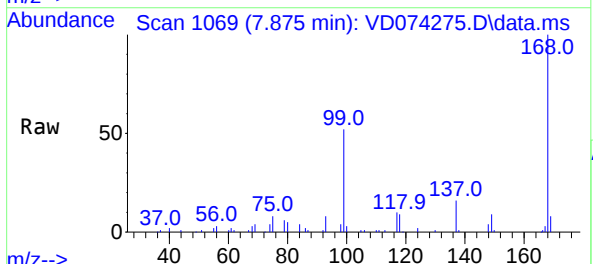


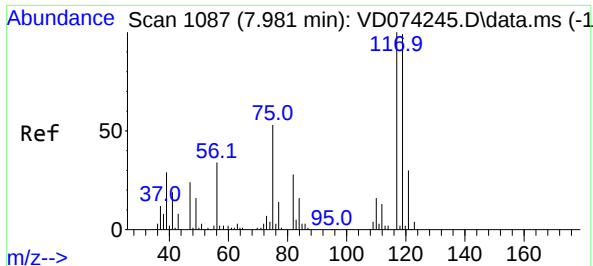
Tgt Ion:113 Resp: 56636
Ion Ratio Lower Upper
113 100
111 104.4 83.0 124.6
192 20.4 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.261 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

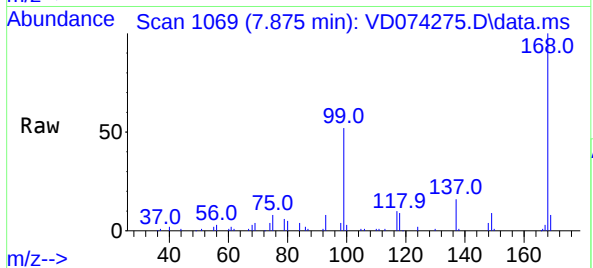
Tgt Ion: 75 Resp: 7869
Ion Ratio Lower Upper
75 100
110 9.3 17.5 52.5#
77 0.0 24.8 37.2#



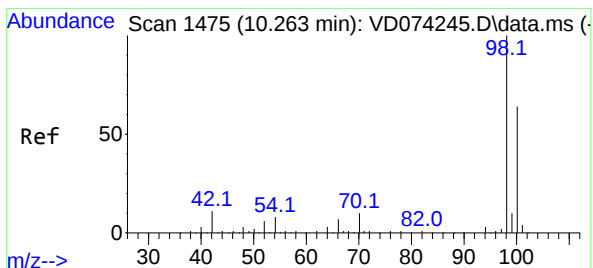
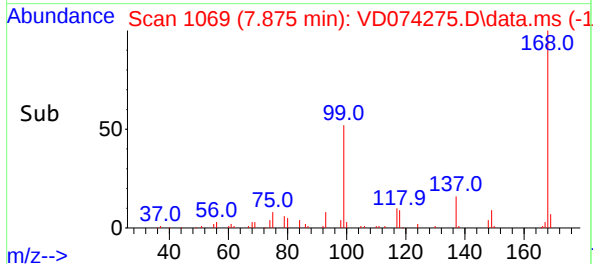
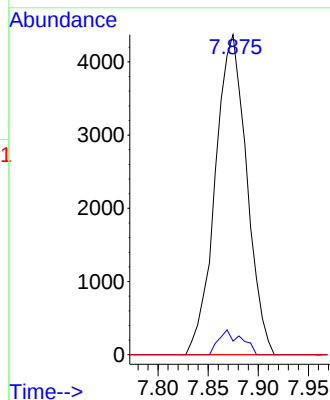


#38
Carbon Tetrachloride
Concen: 5.721 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

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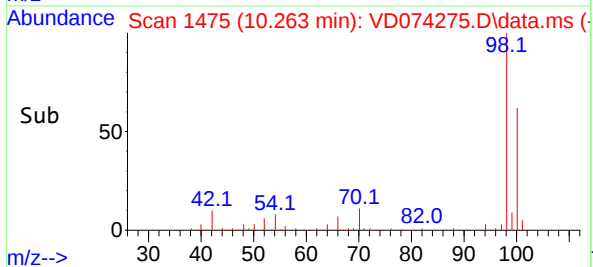
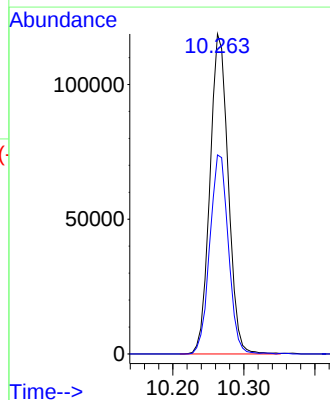
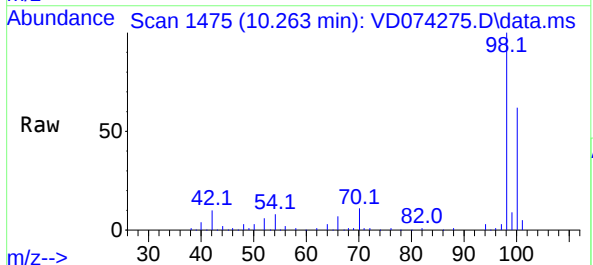


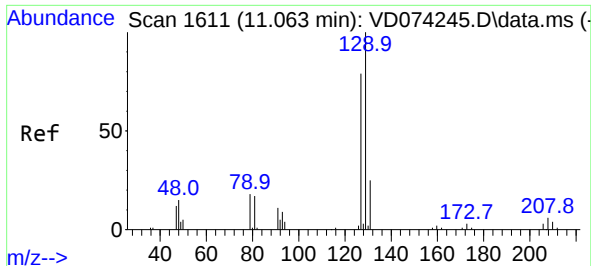
Tgt Ion:117 Resp: 9560
Ion Ratio Lower Upper
117 100
119 4.3 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 50.846 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 98 Resp: 212681
Ion Ratio Lower Upper
98 100
100 63.0 51.8 77.8

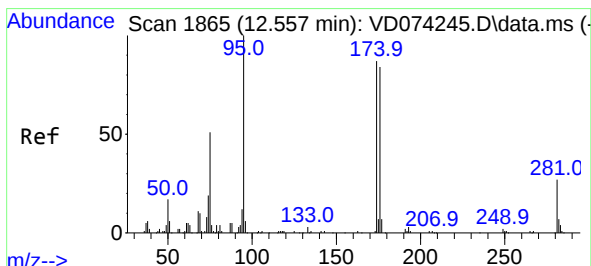
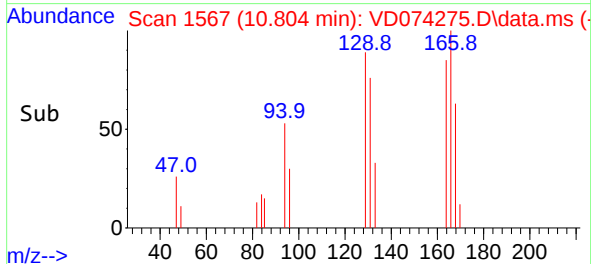
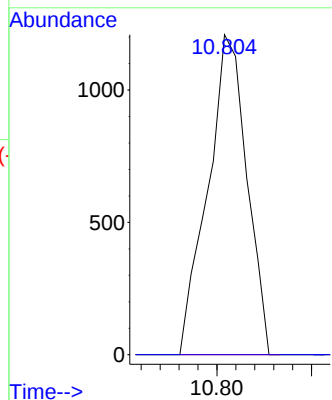
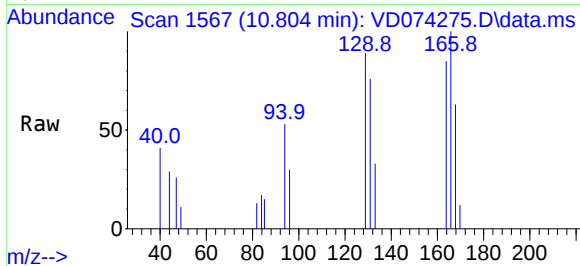




#60
Dibromochloromethane
Concen: 1.492 ug/l
RT: 10.804 min Scan# 11
Delta R.T. -0.259 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

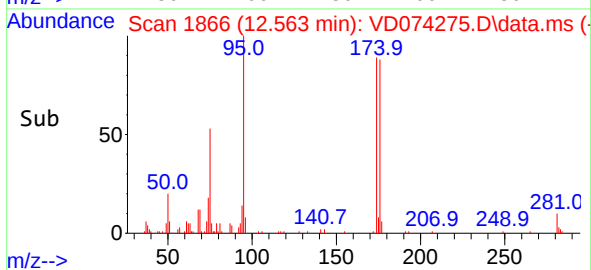
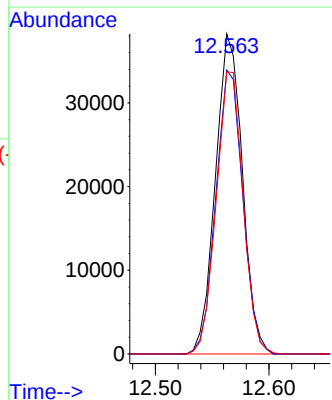
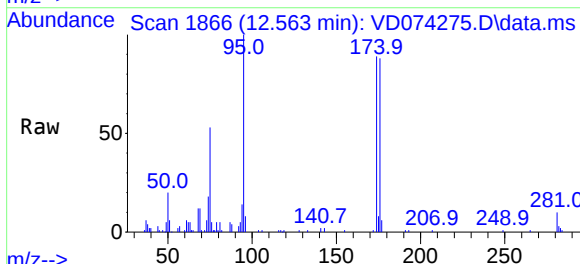
Instrument :
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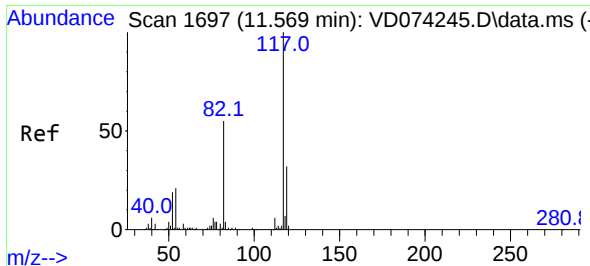
Tgt Ion:129 Resp: 1732
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 41.957 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 95 Resp: 62920
Ion Ratio Lower Upper
95 100
174 88.6 0.0 179.2
176 87.8 0.0 171.4

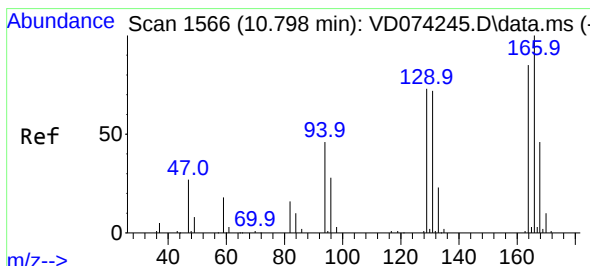
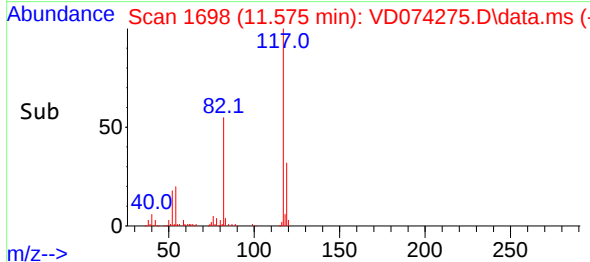
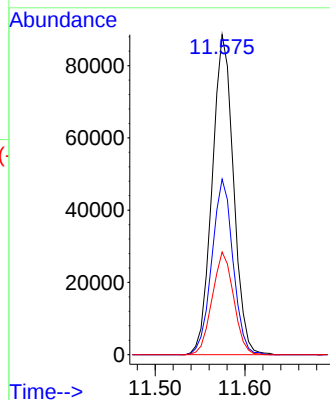
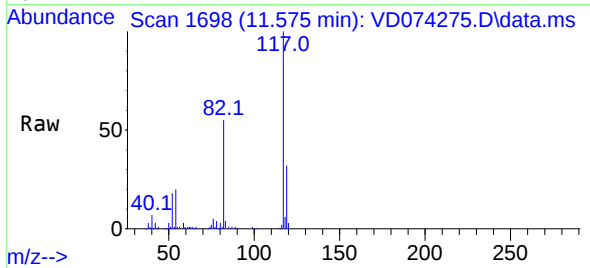




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

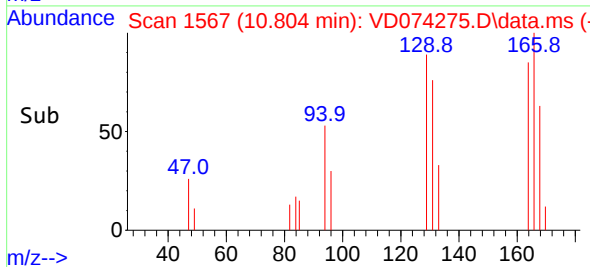
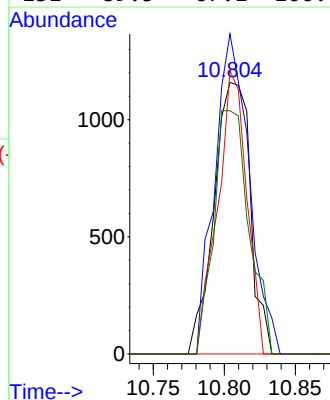
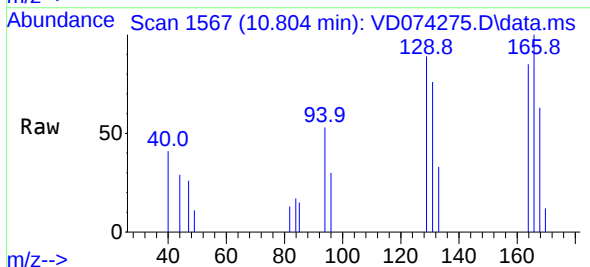
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(5-10)

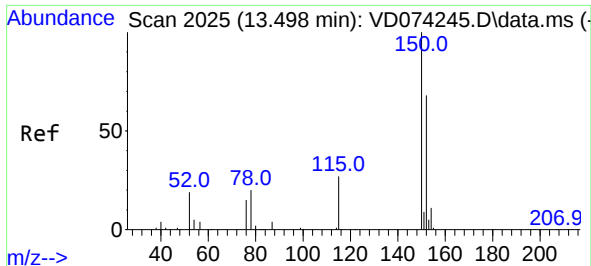
Tgt Ion:117	Resp:	146234
Ion	Ratio	Lower Upper
117	100	
82	54.8	44.2 66.2
119	32.1	25.4 38.0



#64
Tetrachloroethene
Concen: 1.838 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Tgt Ion:164	Resp:	2055
Ion	Ratio	Lower Upper
164	100	
166	117.8	93.8 140.8
129	104.2	68.3 102.5
131	89.5	67.1 100.7

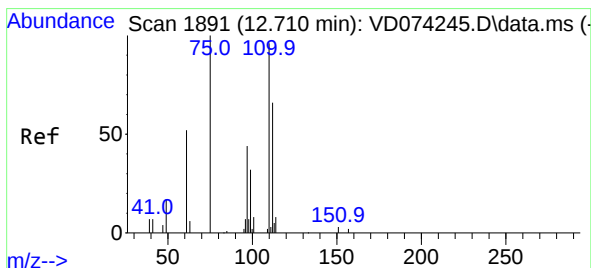
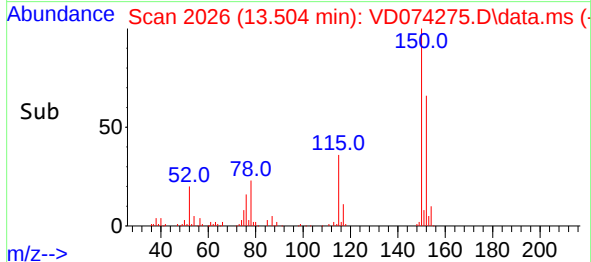
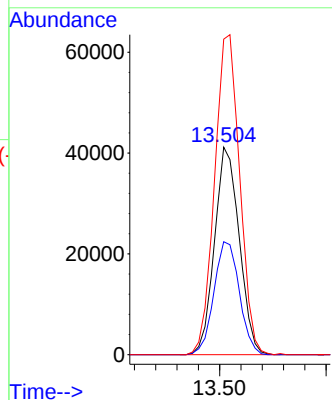
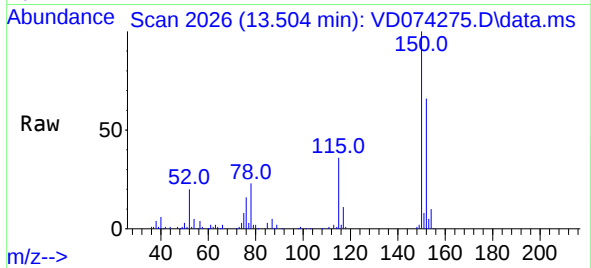




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

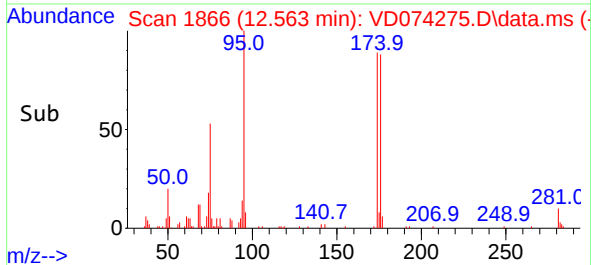
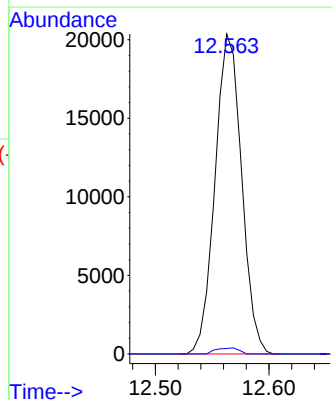
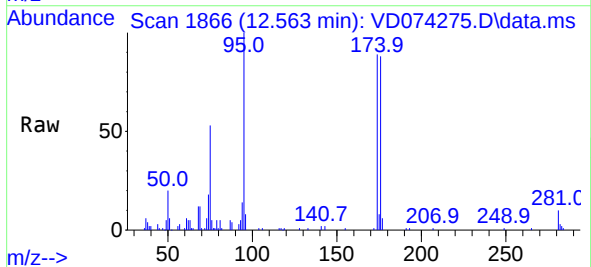
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-6-(5-10)

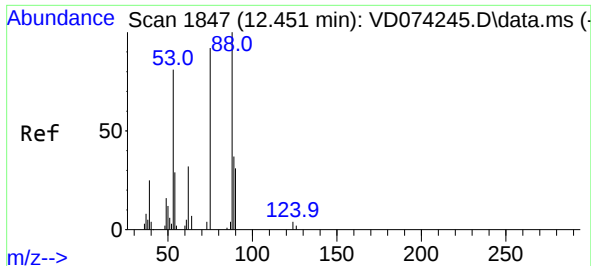
Tgt Ion:152 Resp: 66295
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 156.9 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 48.633 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074275.D
Acq: 13 Sep 2022 19:40

Tgt Ion: 75 Resp: 33052
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 119.907 ug/l
 RT: 12.563 min Scan# 1866
 Delta R.T. 0.111 min
 Lab File: VD074275.D
 Acq: 13 Sep 2022 19:40

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-6-(5-10)

Tgt Ion:	75	Resp:	33052
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

