

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074294.D
 Acq On : 14 Sep 2022 19:40
 Operator : VA/SY
 Sample : N4538-05
 Misc : 5.74G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:15:58 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)

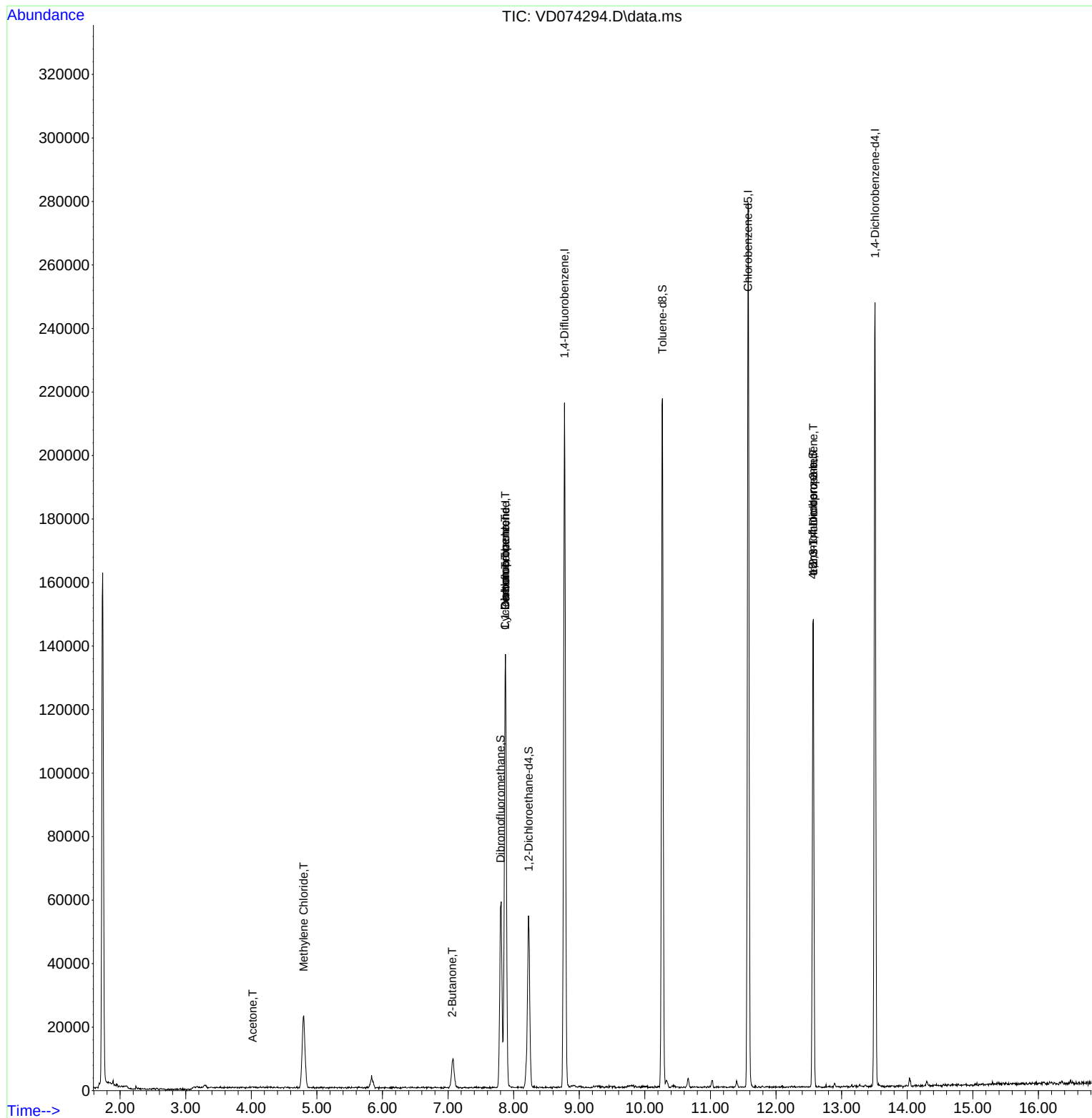
Internal Standards						
1) Pentafluorobenzene	7.875	168	105838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	189780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	158614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	68376	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39340	36.459	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	72.920%		
35) Dibromofluoromethane	7.798	113	42393	32.206	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	64.420%		
50) Toluene-d8	10.269	98	151881	32.648	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	65.300%		
62) 4-Bromofluorobenzene	12.563	95	44757	23.939	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	47.880%		
Target Compounds						Qvalue
16) Acetone	4.022	43	386	1.733	ug/l #	42
20) Methylene Chloride	4.799	84	17859	8.074	ug/l	93
25) 2-Butanone	7.063	43	528	1.421	ug/l #	48
31) Cyclohexane	7.869	56	2246	1.007	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	8801	4.285	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11044	5.942	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	23141	33.013	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	23141	81.397	ug/l #	100

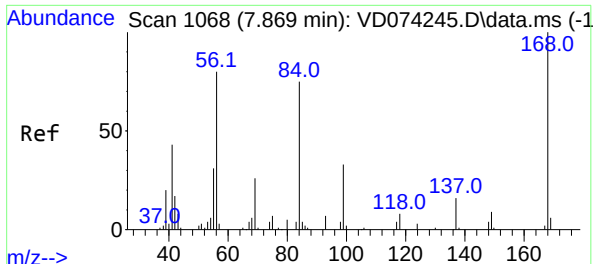
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

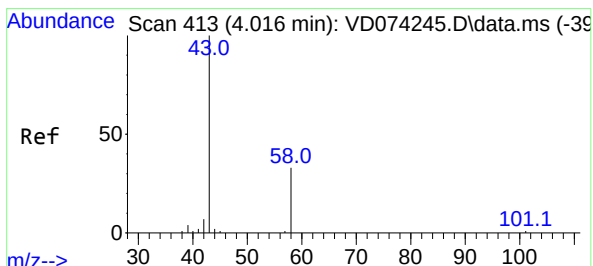
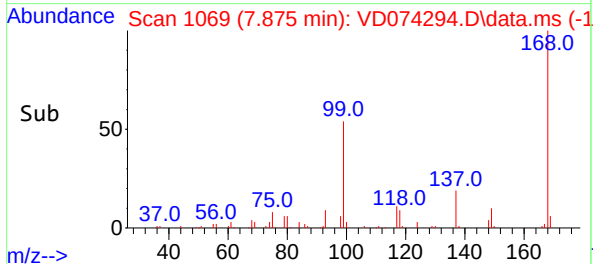
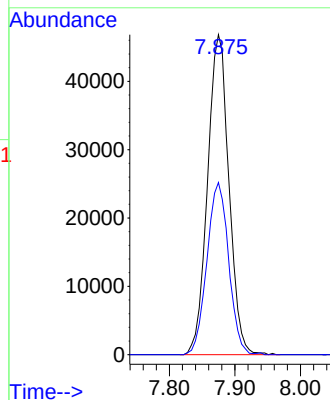
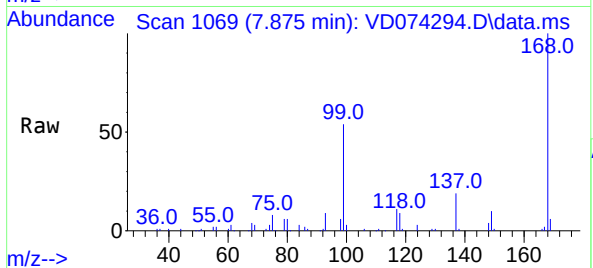




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

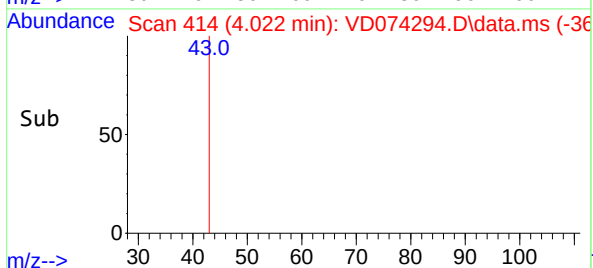
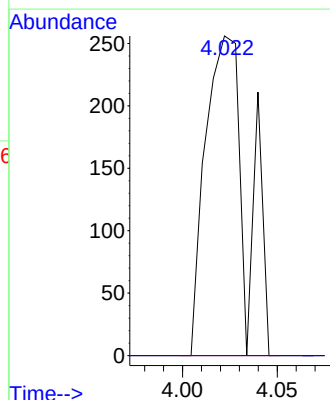
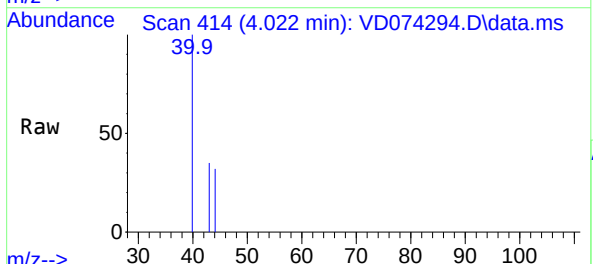
Instrument :
MSVOA_D
ClientSampleId :

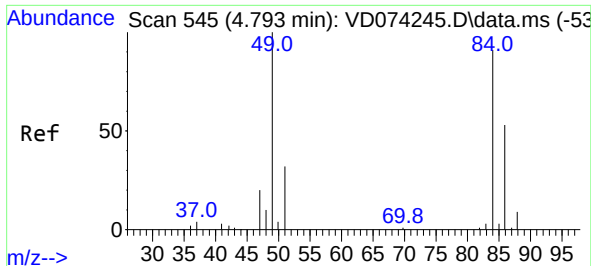
Tgt Ion:168 Resp: 105838
Ion Ratio Lower Upper
168 100
99 53.8 43.0 64.6



#16
Acetone
Concen: 1.733 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Tgt Ion: 43 Resp: 386
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#



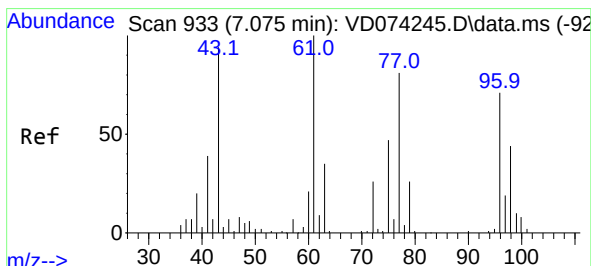
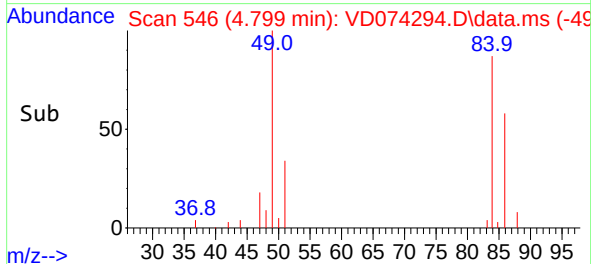
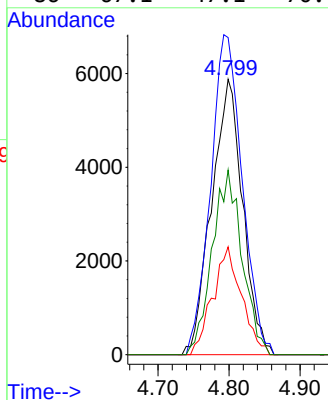
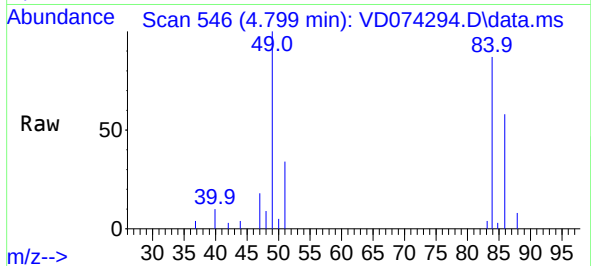


#20
Methylene Chloride
Concen: 8.074 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 17859

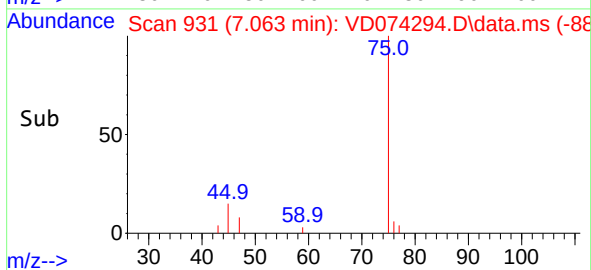
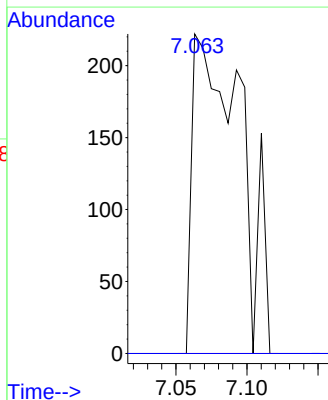
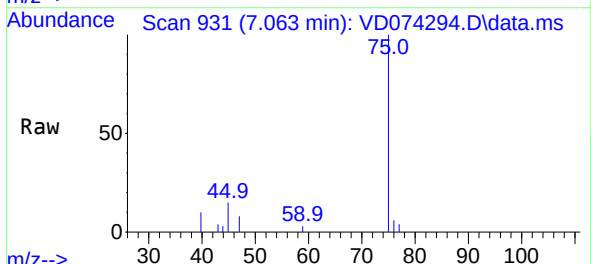
Ion	Ratio	Lower	Upper
84	100		
49	115.2	88.4	132.6
51	39.2	28.0	42.0
86	67.1	47.1	70.7

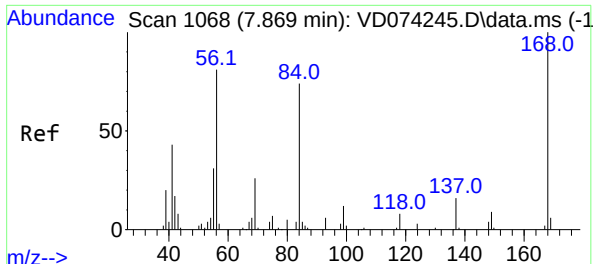


#25
2-Butanone
Concen: 1.421 ug/l
RT: 7.063 min Scan# 931
Delta R.T. -0.012 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Tgt Ion: 43 Resp: 528

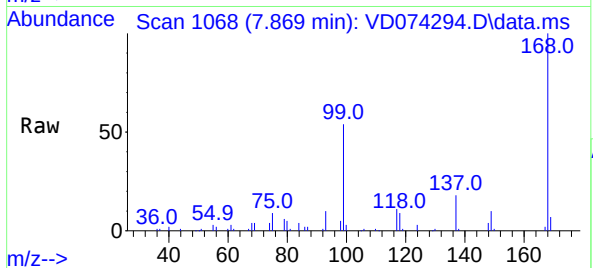
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#



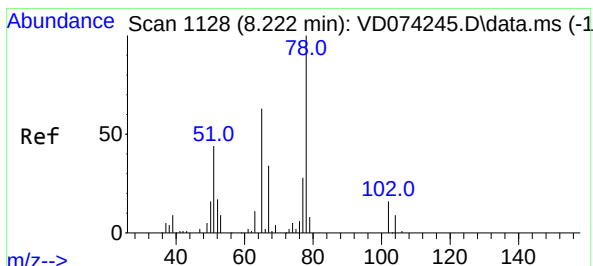
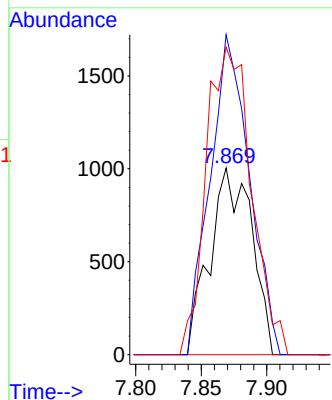
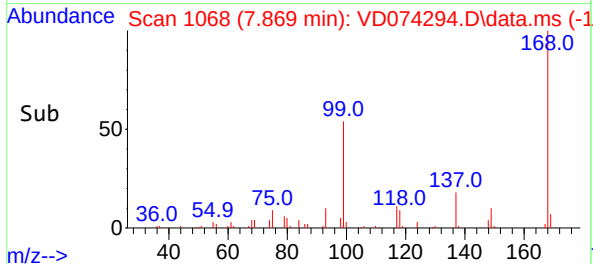


#31
Cyclohexane
Concen: 1.007 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Instrument :
MSVOA_D
ClientSampleId :

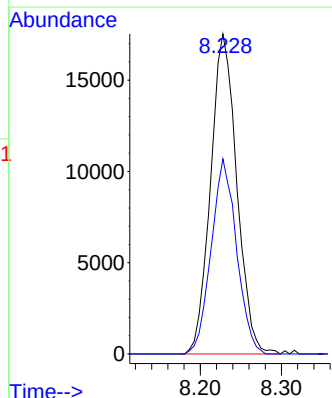
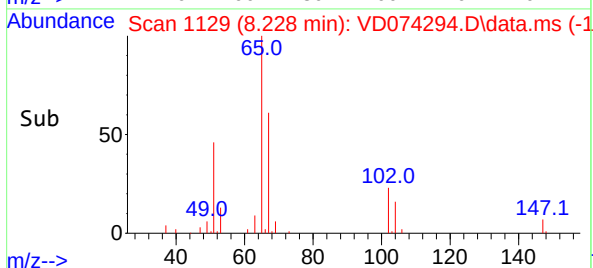
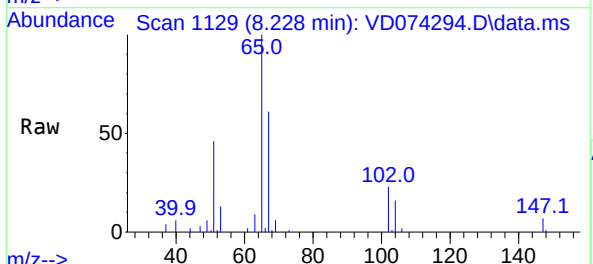


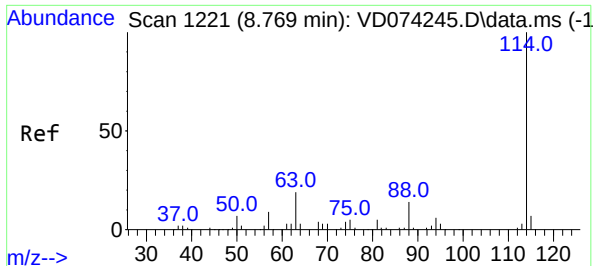
Tgt Ion: 56 Resp: 2246
Ion Ratio Lower Upper
56 100
69 171.3 25.7 38.5#
84 164.8 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 36.459 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Tgt Ion: 65 Resp: 39340
Ion Ratio Lower Upper
65 100
67 58.9 0.0 110.6

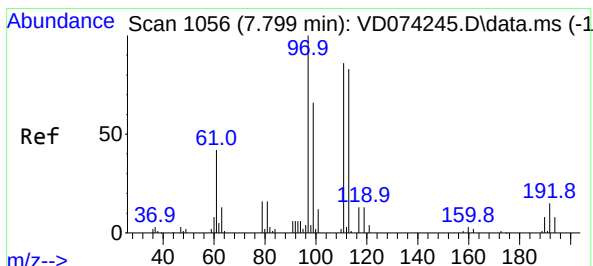
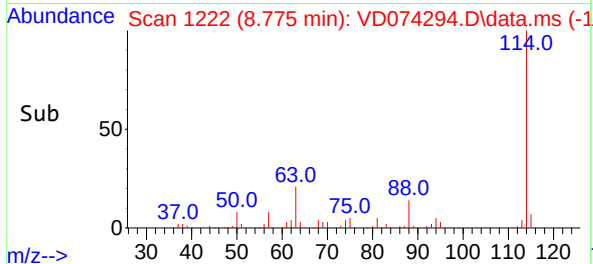
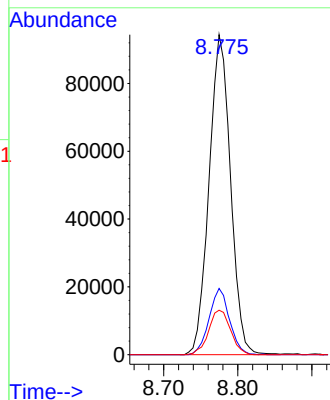
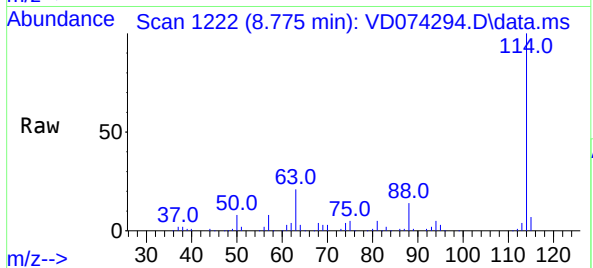




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

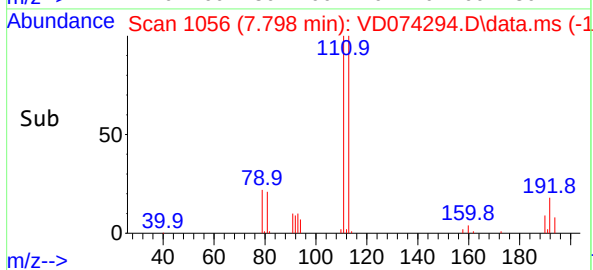
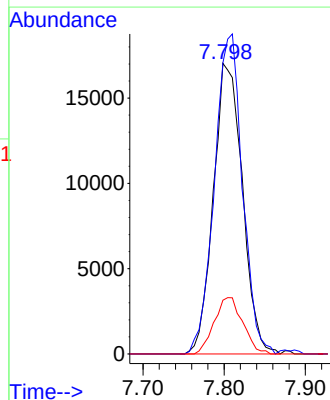
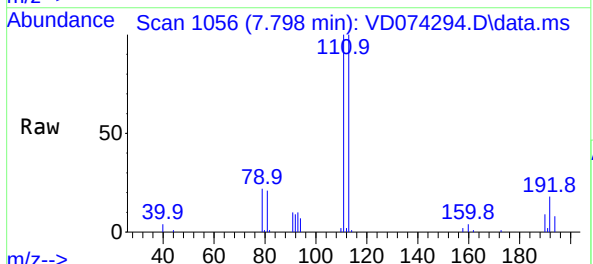
Instrument :
MSVOA_D
ClientSampleId :

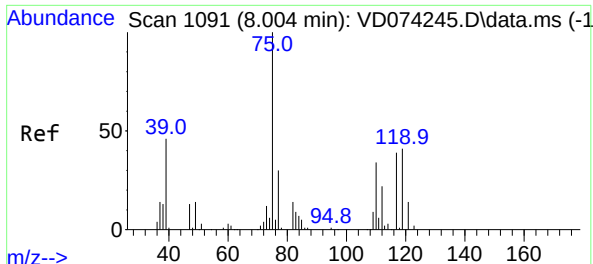
Tgt Ion:114 Resp: 189780
Ion Ratio Lower Upper
114 100
63 20.7 0.0 37.6
88 13.9 0.0 28.4



#35
Dibromofluoromethane
Concen: 32.206 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.001 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Tgt Ion:113 Resp: 42393
Ion Ratio Lower Upper
113 100
111 106.1 83.0 124.6
192 19.0 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.285 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

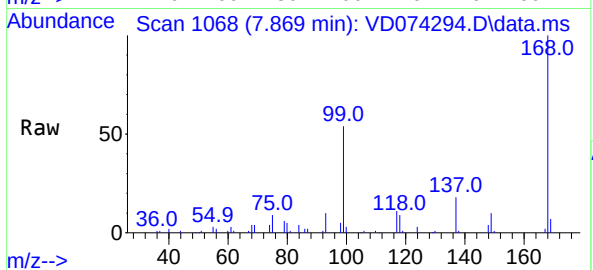
Lab File: VD074294.D

Acq: 14 Sep 2022 19:40

Instrument :

MSVOA_D

ClientSampleId :



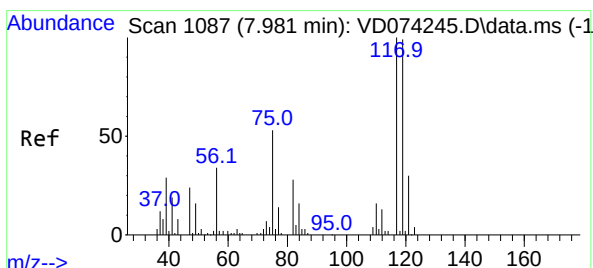
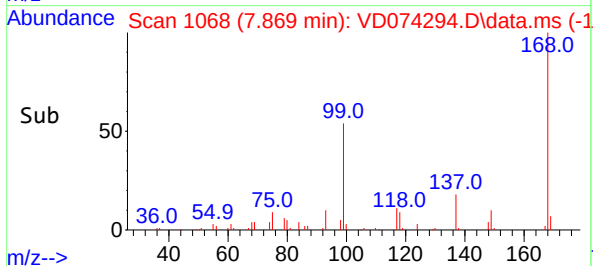
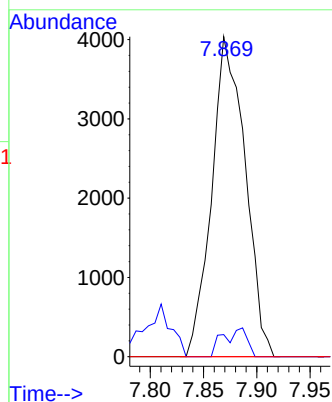
Tgt Ion: 75 Resp: 8801

Ion Ratio Lower Upper

75 100

110 6.4 17.5 52.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.942 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.106 min

Lab File: VD074294.D

Acq: 14 Sep 2022 19:40

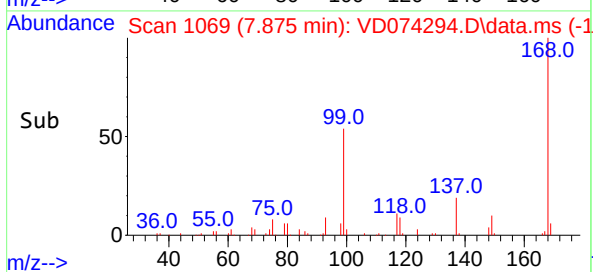
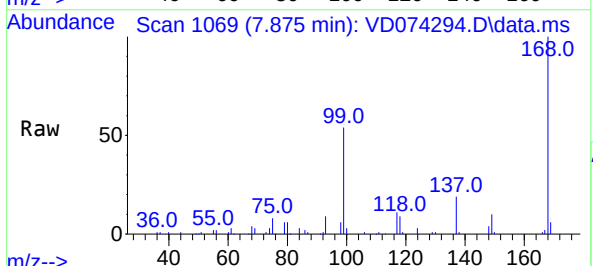
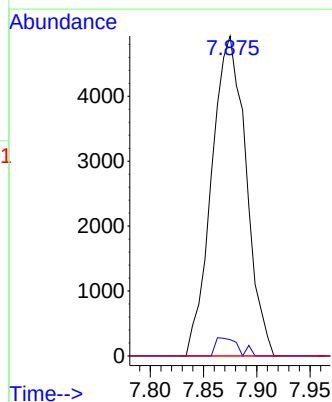
Tgt Ion: 117 Resp: 11044

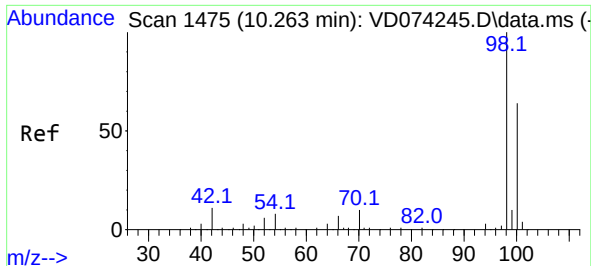
Ion Ratio Lower Upper

117 100

119 5.1 78.8 118.2#

121 0.0 23.9 35.9#

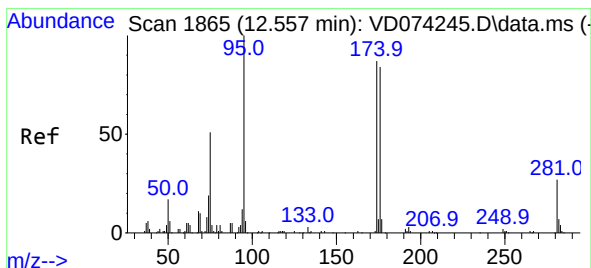
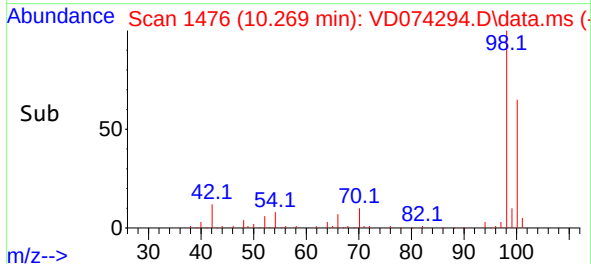
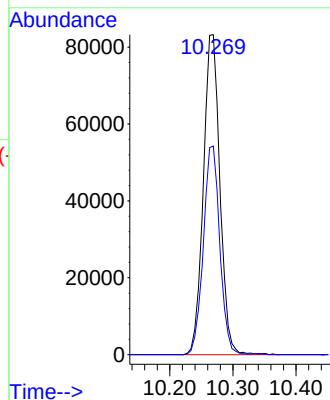
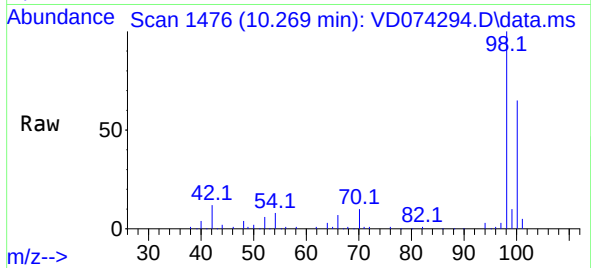




#50
Toluene-d8
Concen: 32.648 ug/l
RT: 10.269 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

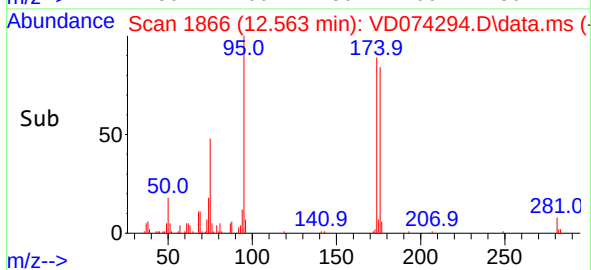
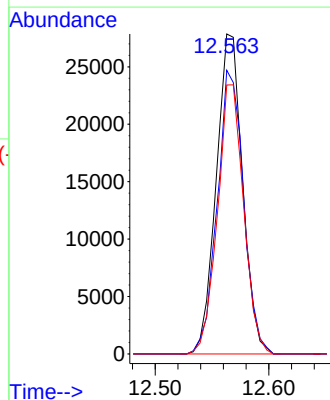
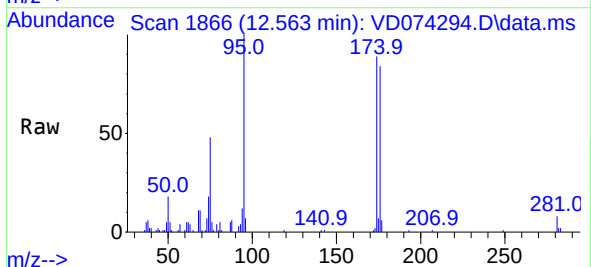
Instrument :
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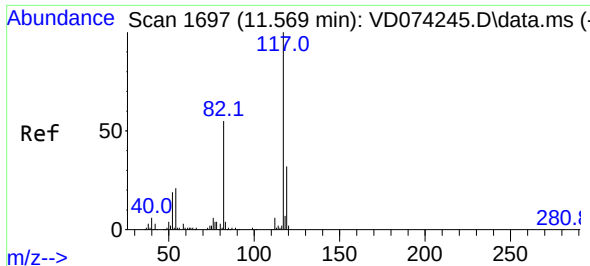
Tgt Ion: 98 Resp: 151881
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 23.939 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Tgt Ion: 95 Resp: 44757
Ion Ratio Lower Upper
95 100
174 89.0 0.0 179.2
176 83.9 0.0 171.4

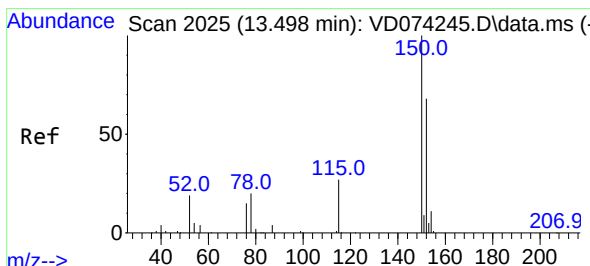
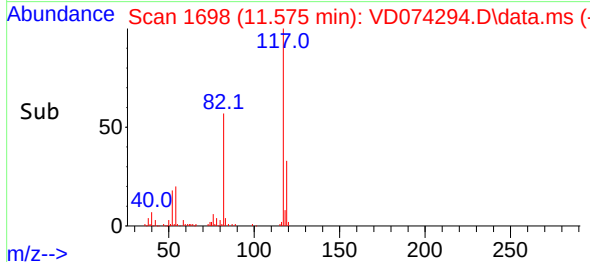
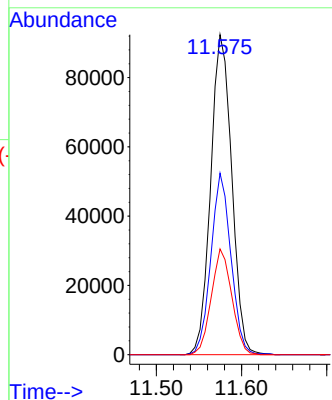
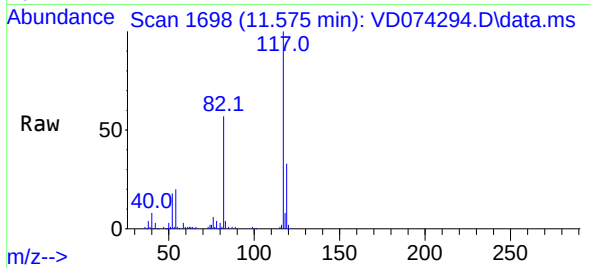




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

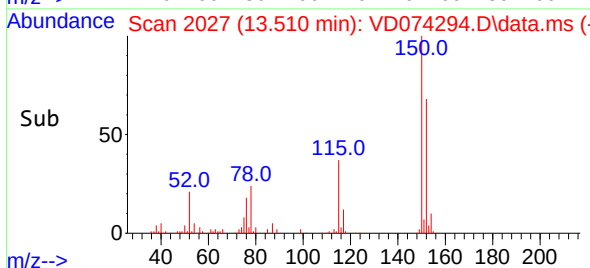
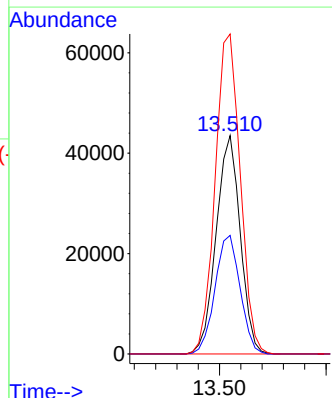
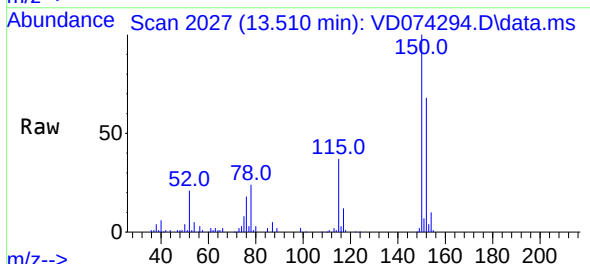
Instrument :
MSVOA_D
ClientSampleId :

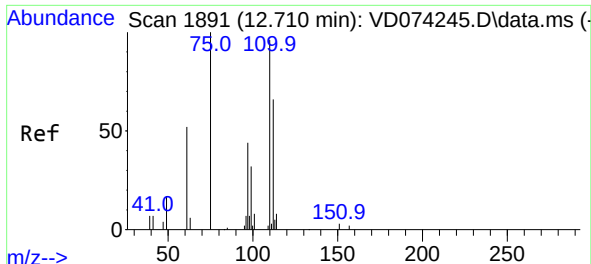
Tgt Ion:117 Resp: 158614
Ion Ratio Lower Upper
117 100
82 56.7 44.2 66.2
119 33.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Tgt Ion:152 Resp: 68376
Ion Ratio Lower Upper
152 100
115 56.4 28.4 85.2
150 152.1 0.0 351.0

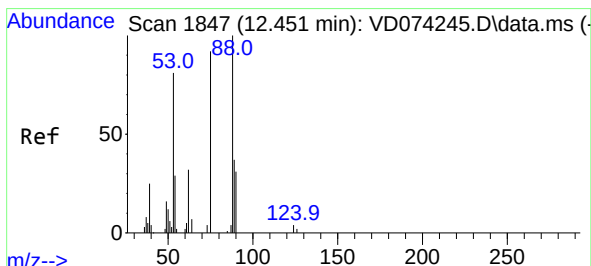
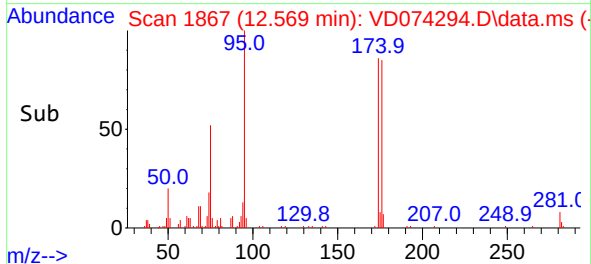
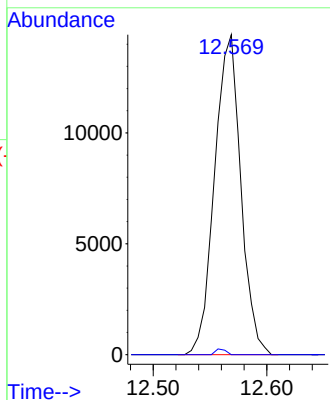
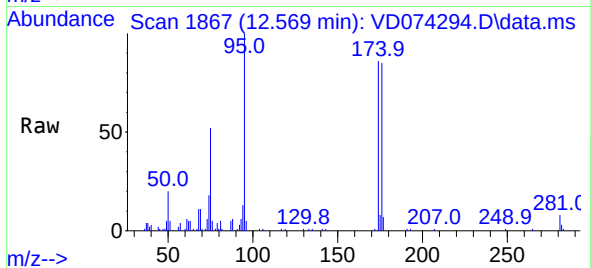




#76
1,2,3-Trichloropropane
Concen: 33.013 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.141 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 23141
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.397 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.117 min
Lab File: VD074294.D
Acq: 14 Sep 2022 19:40

Tgt Ion: 75 Resp: 23141
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

