

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074292.D
 Acq On : 14 Sep 2022 18:43
 Operator : VA/SY
 Sample : N4538-02
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:15:37 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	90713	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	162423	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	203482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	122130	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	31791	34.375	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	68.740%
35) Dibromofluoromethane	7.805	113	52321	48.004	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.000%
50) Toluene-d8	10.263	98	105813	26.576	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	53.160%
62) 4-Bromofluorobenzene	12.563	95	78776	57.721	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	115.440%

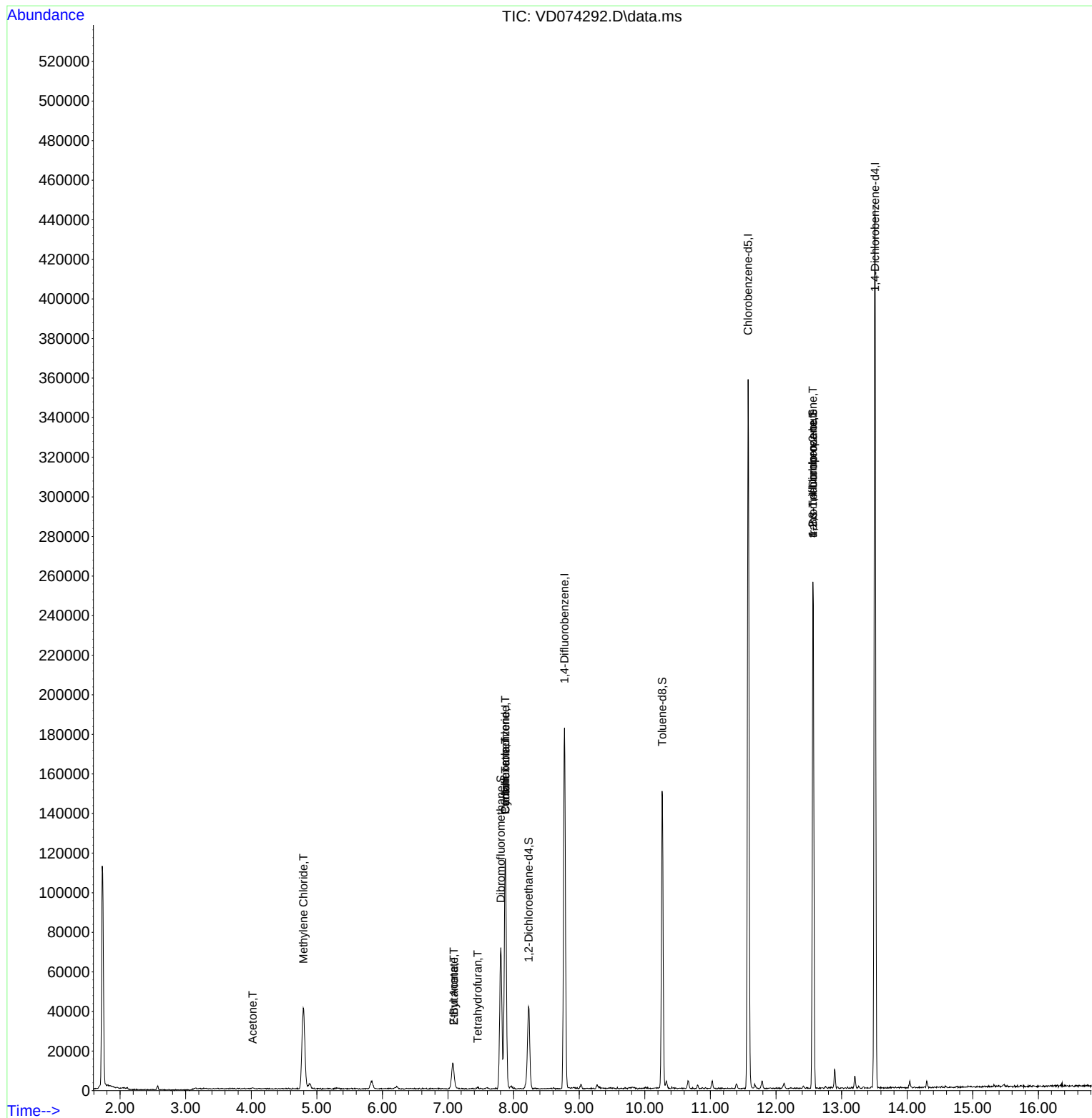
Target Compounds					Qvalue	
16) Acetone	4.022	43	794	4.159	ug/l #	42
20) Methylene Chloride	4.793	84	32493	24.901	ug/l	91
25) 2-Butanone	7.087	43	1190	3.738	ug/l #	48
29) Tetrahydrofuran	7.452	42	658	3.352	ug/l #	47
31) Cyclohexane	7.875	56	2639	1.381	ug/l #	28
37) Ethyl Acetate	7.087	43	1190	1.561	ug/l #	10
38) Carbon Tetrachloride	7.875	117	9553	6.006	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.869	63	144	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.563	75	40547	32.385	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	40547	79.848	ug/l #	100

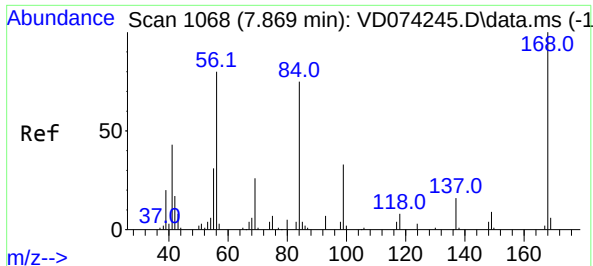
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 15 04:15:37 2022
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Quant Title : SW846 8260
QLast Update : Sat Sep 10 04:45:19 2022
Response via : Initial Calibration

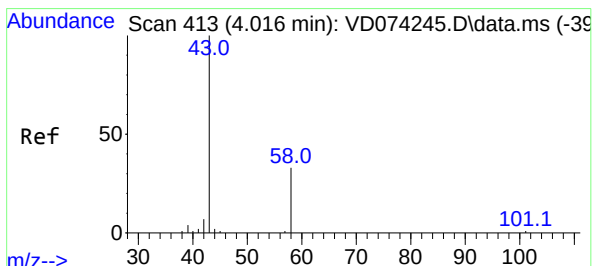
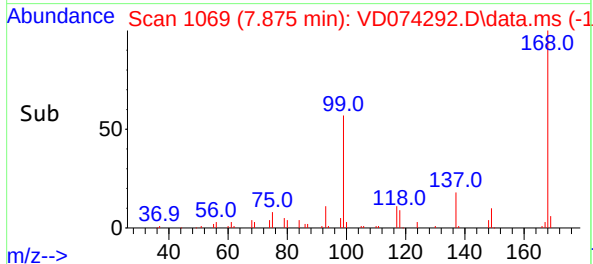
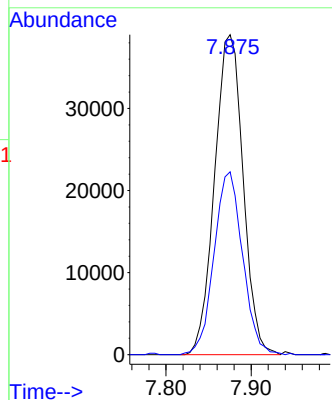
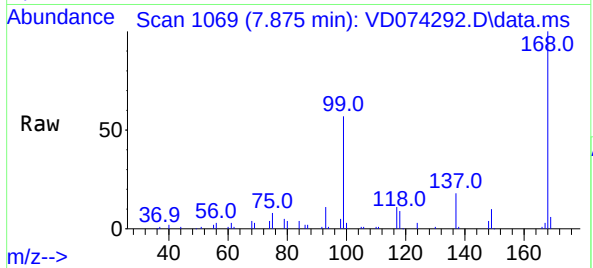




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

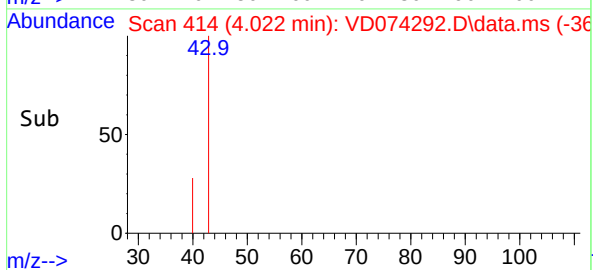
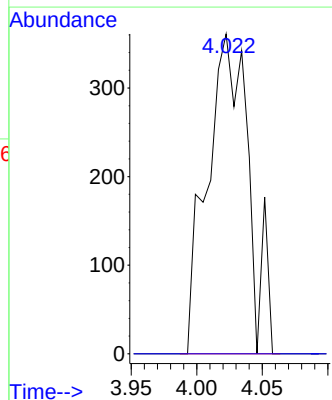
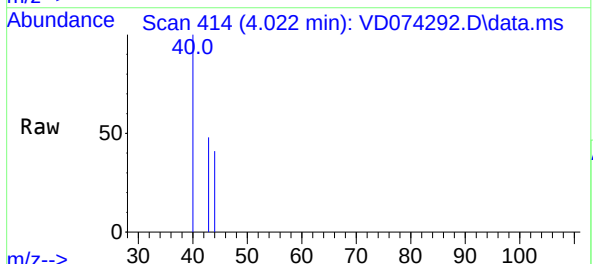
Instrument :
MSVOA_D
ClientSampleId :

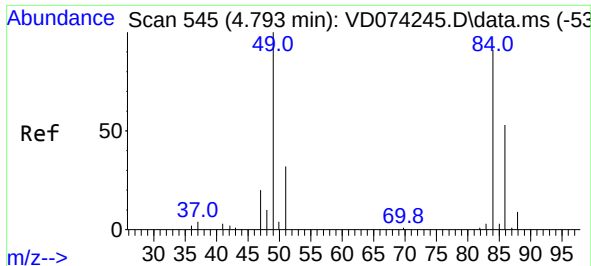
Tgt Ion:168 Resp: 90713
Ion Ratio Lower Upper
168 100
99 57.2 43.0 64.6



#16
Acetone
Concen: 4.159 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

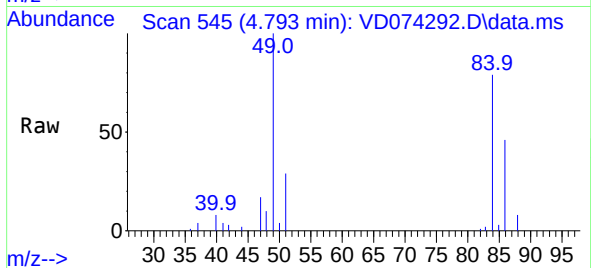
Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#





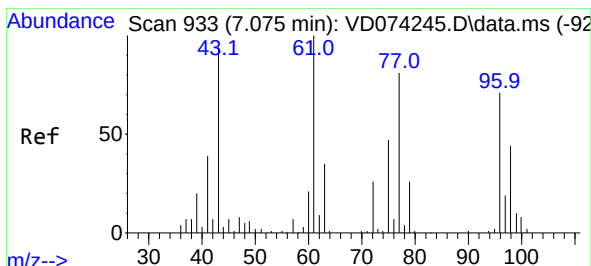
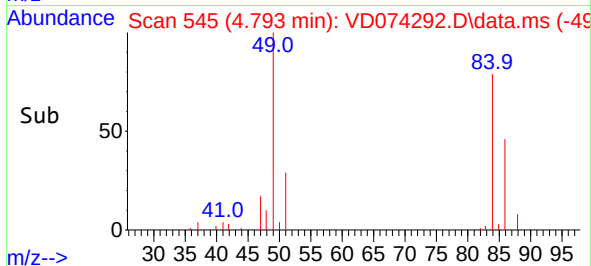
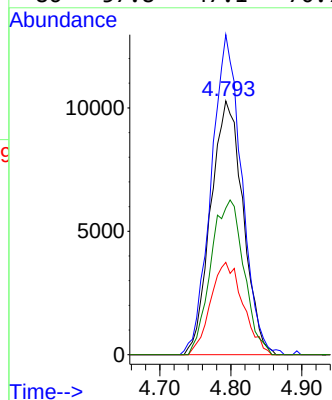
#20
Methylene Chloride
Concen: 24.901 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 32493

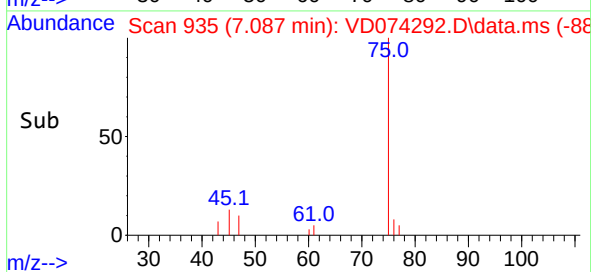
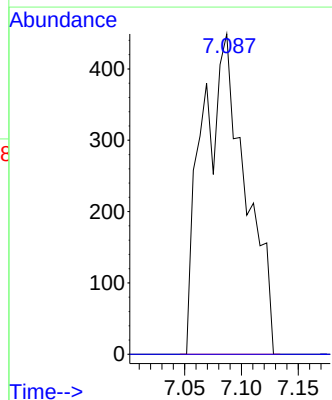
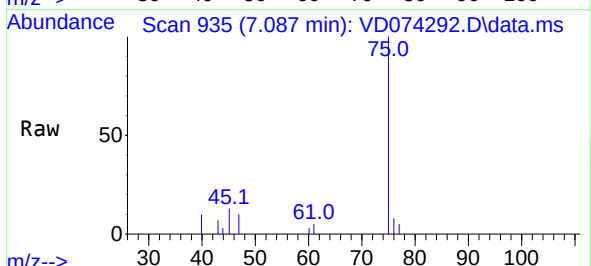
Ion	Ratio	Lower	Upper
84	100		
49	126.1	88.4	132.6
51	36.4	28.0	42.0
86	57.8	47.1	70.7

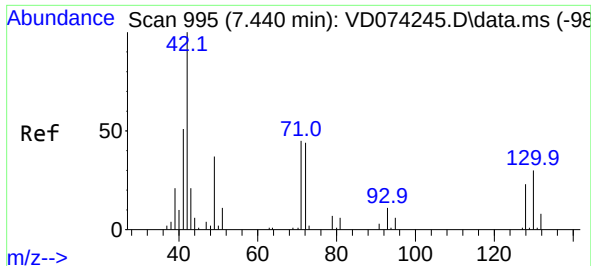


#25
2-Butanone
Concen: 3.738 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.012 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Tgt Ion: 43 Resp: 1190

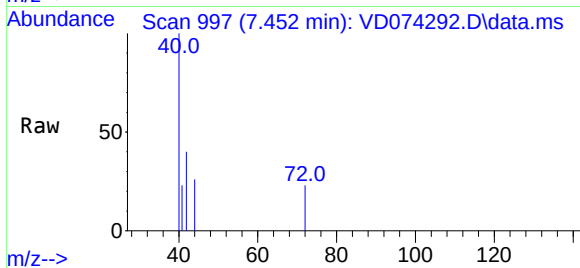
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.8	32.6#



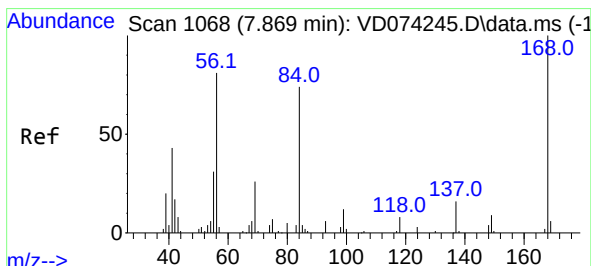
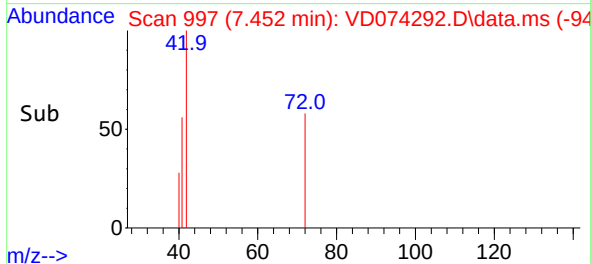
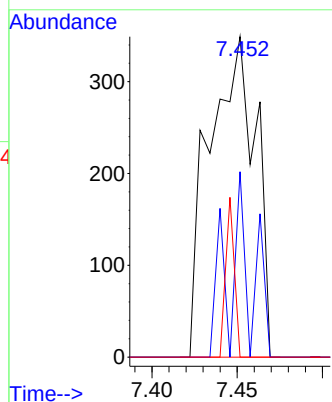


#29
Tetrahydrofuran
Concen: 3.352 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.012 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Instrument :
MSVOA_D
ClientSampleId :

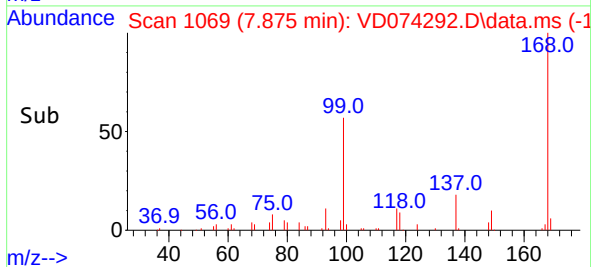
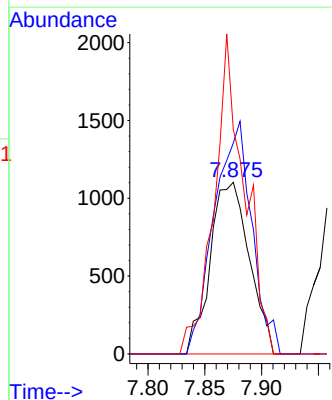
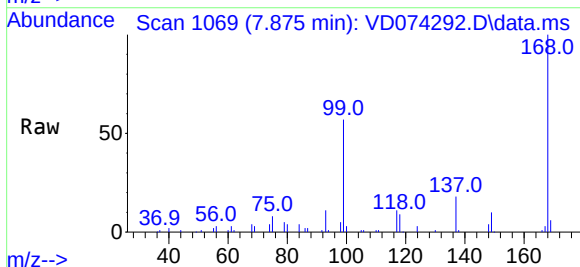


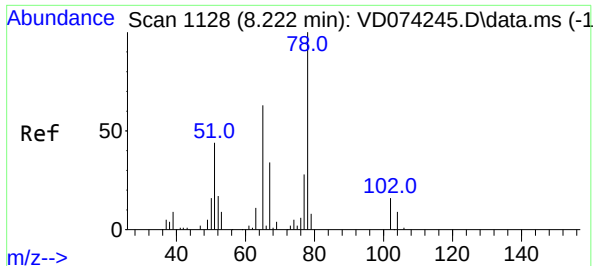
Tgt Ion: 42 Resp: 658
Ion Ratio Lower Upper
42 100
72 19.1 36.1 54.1#
71 0.0 34.1 51.1#



#31
Cyclohexane
Concen: 1.381 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Tgt Ion: 56 Resp: 2639
Ion Ratio Lower Upper
56 100
69 122.8 25.7 38.5#
84 130.7 73.9 110.9#

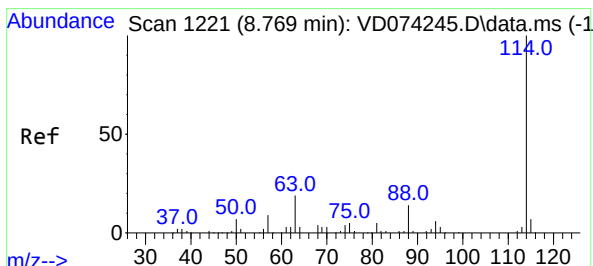
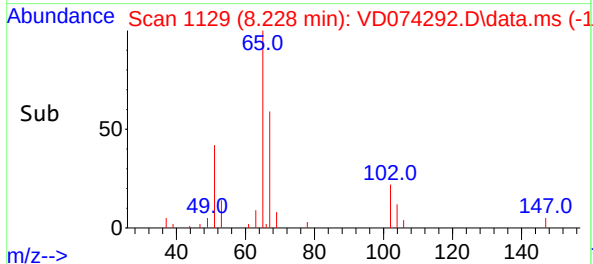
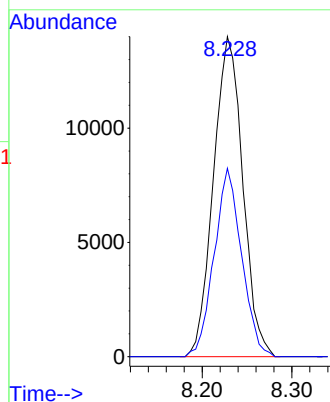
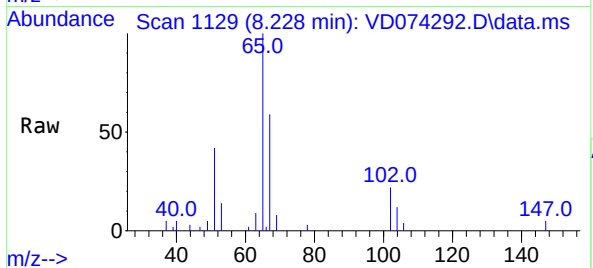




#33
1,2-Dichloroethane-d4
Concen: 34.375 ug/l
RT: 8.228 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

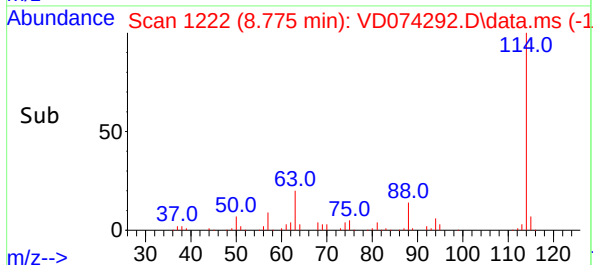
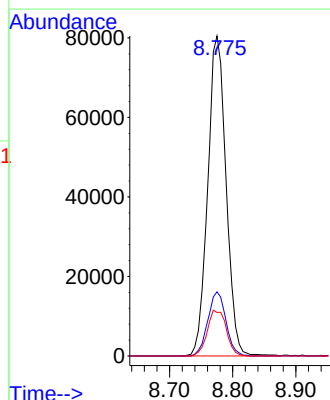
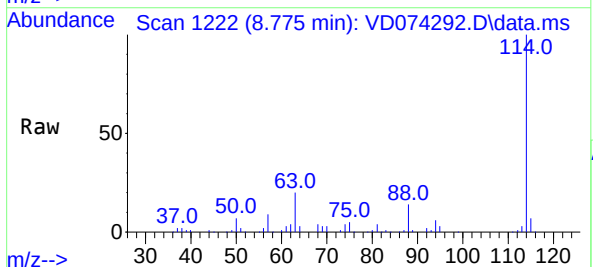
Instrument :
MSVOA_D
ClientSampleId :

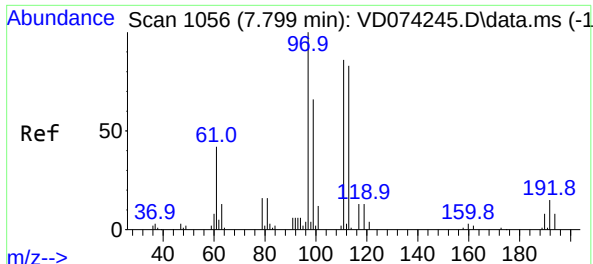
Tgt Ion: 65 Resp: 31791
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

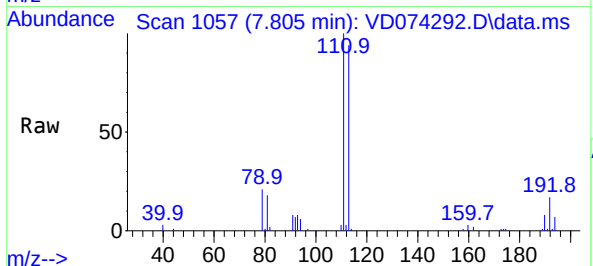
Tgt Ion:114 Resp: 162423
Ion Ratio Lower Upper
114 100
63 20.0 0.0 37.6
88 13.6 0.0 28.4





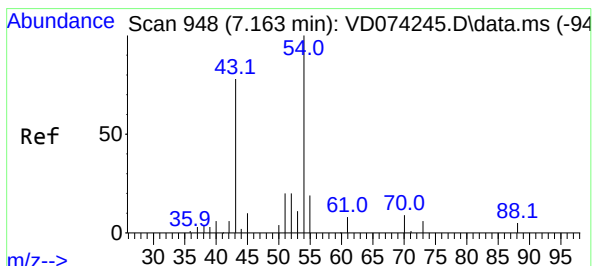
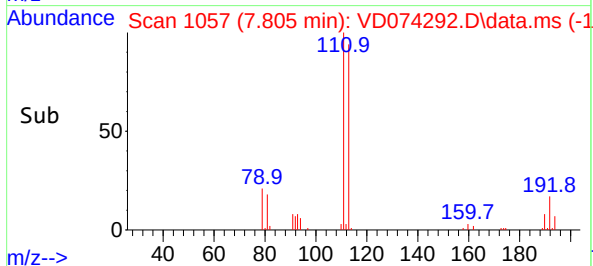
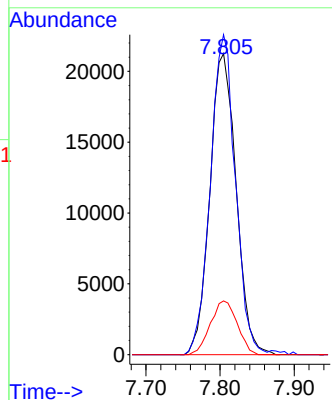
#35
 Dibromofluoromethane
 Concen: 48.004 ug/l
 RT: 7.805 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VD074292.D
 Acq: 14 Sep 2022 18:43

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 113 Resp: 52321

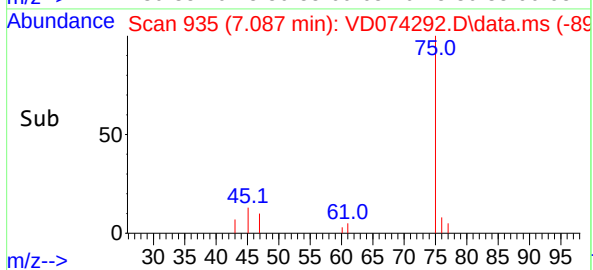
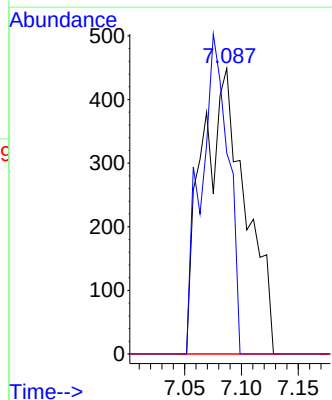
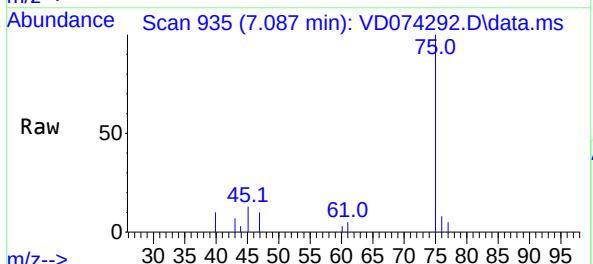
Ion	Ratio	Lower	Upper
113	100		
111	101.3	83.0	124.6
192	18.2	16.2	24.2

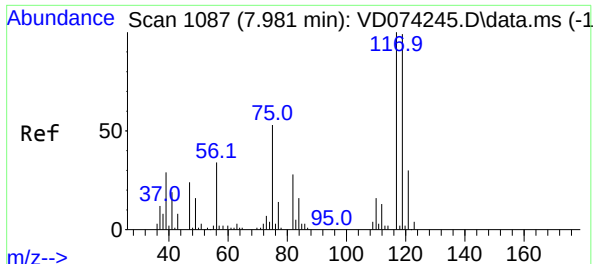


#37
 Ethyl Acetate
 Concen: 1.561 ug/l
 RT: 7.087 min Scan# 935
 Delta R.T. -0.076 min
 Lab File: VD074292.D
 Acq: 14 Sep 2022 18:43

Tgt Ion: 43 Resp: 1190

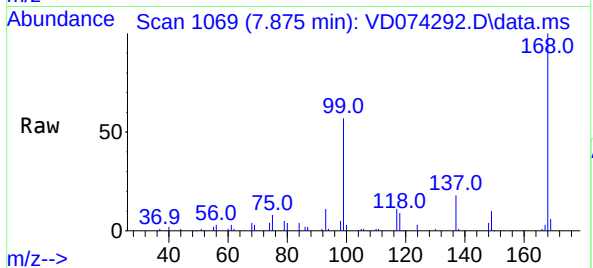
Ion	Ratio	Lower	Upper
43	100		
61	70.4	12.1	18.1#
70	0.0	8.5	12.7#



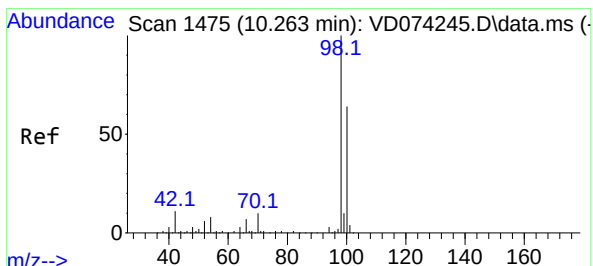
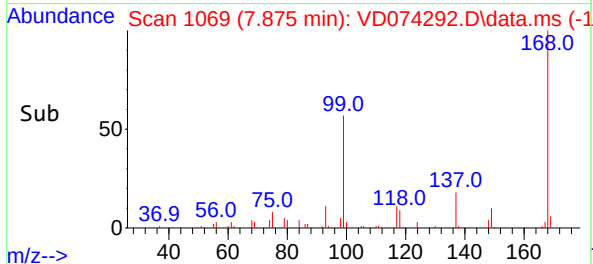
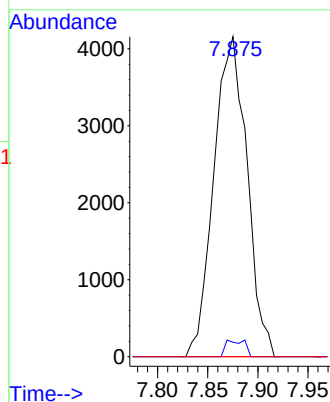


#38
Carbon Tetrachloride
Concen: 6.006 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Instrument :
MSVOA_D
ClientSampleId :

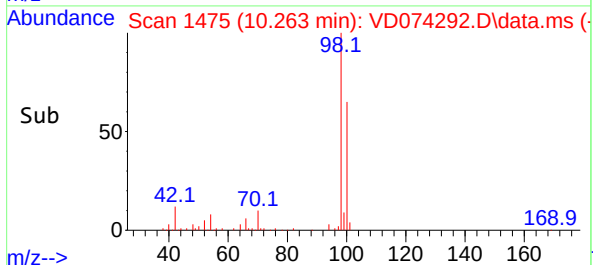
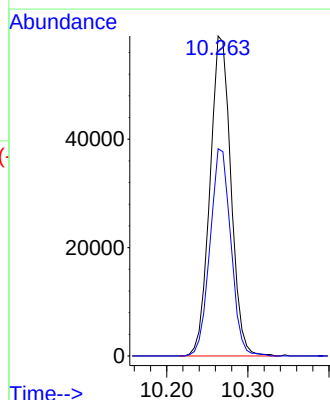
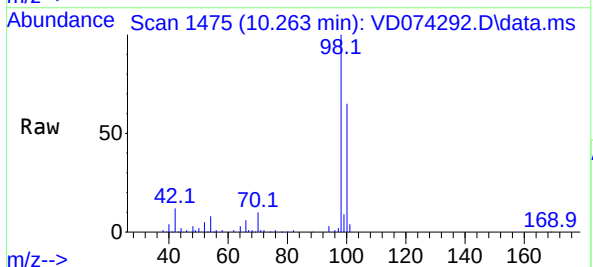


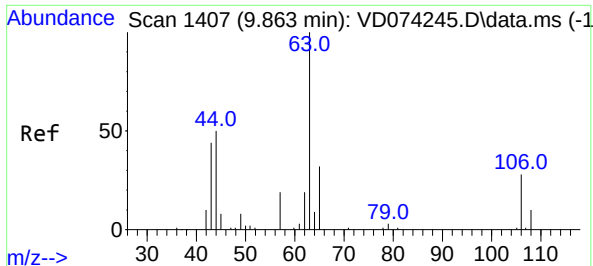
Tgt Ion:117 Resp: 9553
Ion Ratio Lower Upper
117 100
119 4.5 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 26.576 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Tgt Ion: 98 Resp: 105813
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8

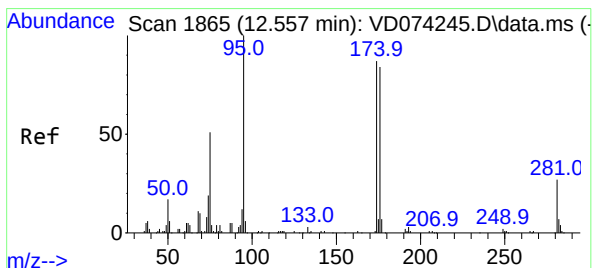
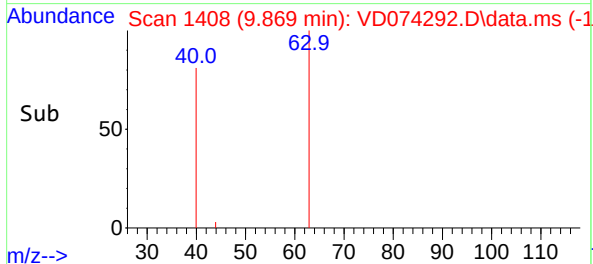
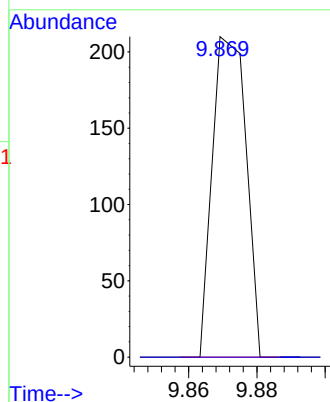
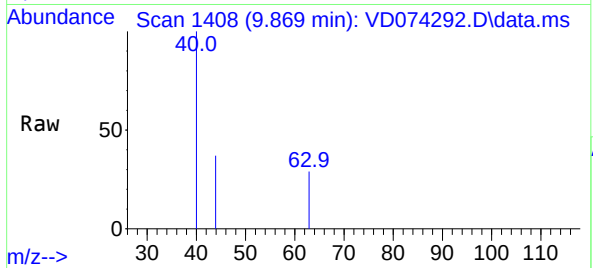




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.869 min Scan# 1407
Delta R.T. 0.006 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

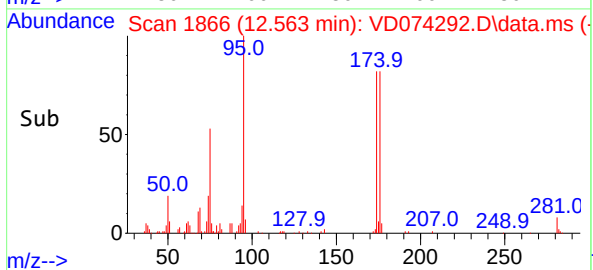
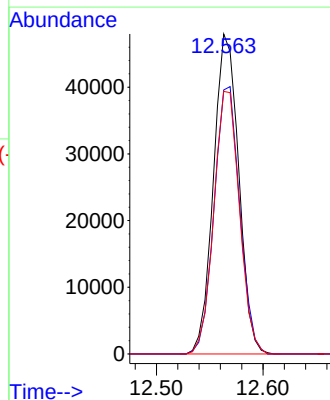
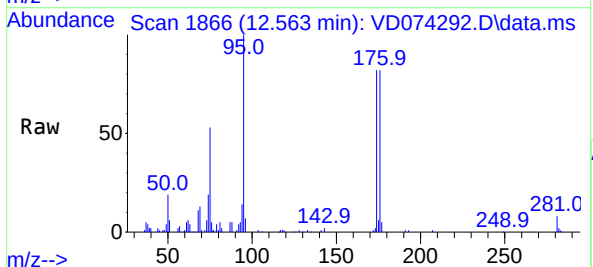
Instrument :
MSVOA_D
ClientSampleId :

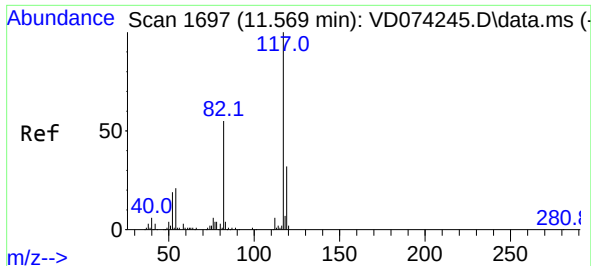
Tgt Ion: 63 Resp: 144
Ion Ratio Lower Upper
63 100
106 0.0 21.9 32.9#



#62
4-Bromofluorobenzene
Concen: 57.721 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Tgt Ion: 95 Resp: 78776
Ion Ratio Lower Upper
95 100
174 84.8 0.0 179.2
176 83.2 0.0 171.4

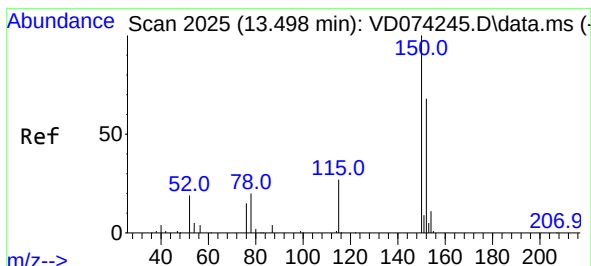
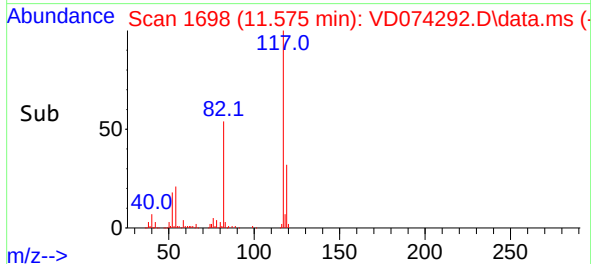
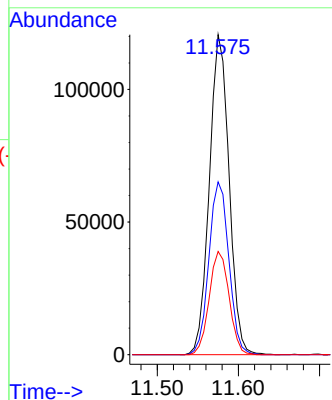
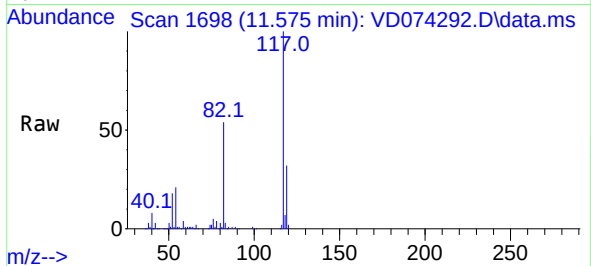




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

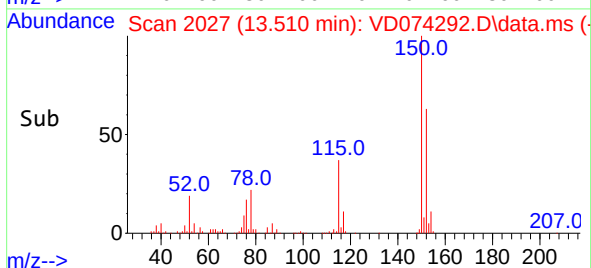
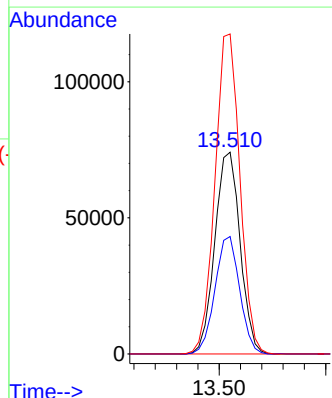
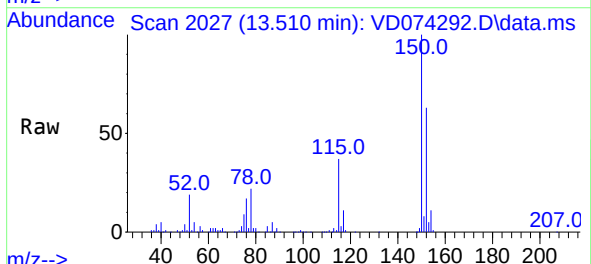
Instrument :
MSVOA_D
ClientSampleId :

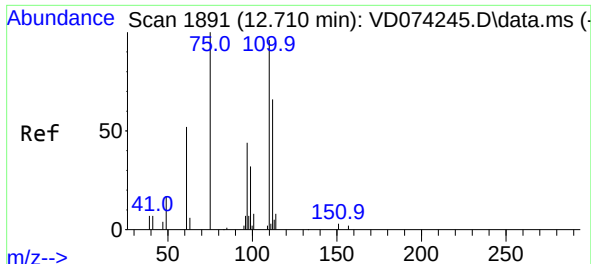
Tgt Ion:117 Resp: 203482
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Tgt Ion:152 Resp: 122130
Ion Ratio Lower Upper
152 100
115 56.8 28.4 85.2
150 156.4 0.0 351.0

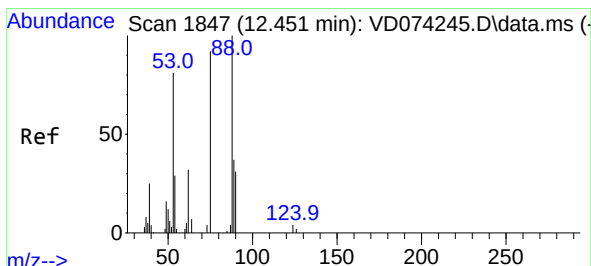
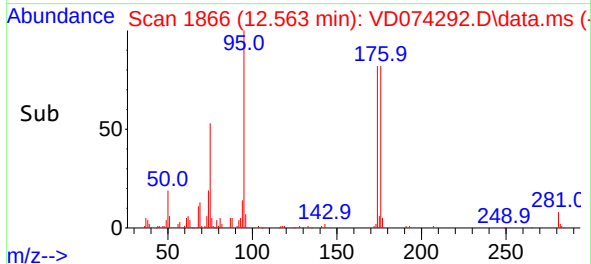
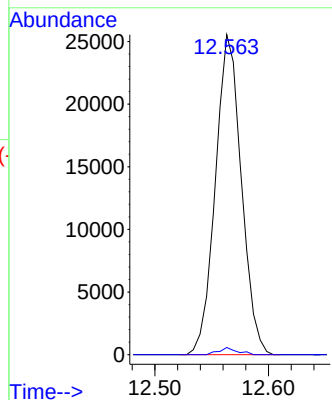
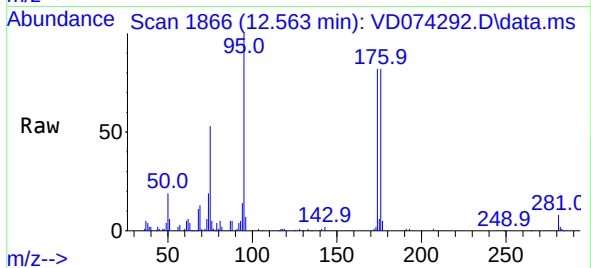




#76
1,2,3-Trichloropropane
Concen: 32.385 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 40547
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.848 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074292.D
Acq: 14 Sep 2022 18:43

Tgt Ion: 75 Resp: 40547
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

