

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100722\
 Data File : VD074485.D
 Acq On : 07 Oct 2022 12:37
 Operator : VA/SY
 Sample : N5014-04RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 02:24:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 01:54:40 2022
 Response via : Initial Calibration

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

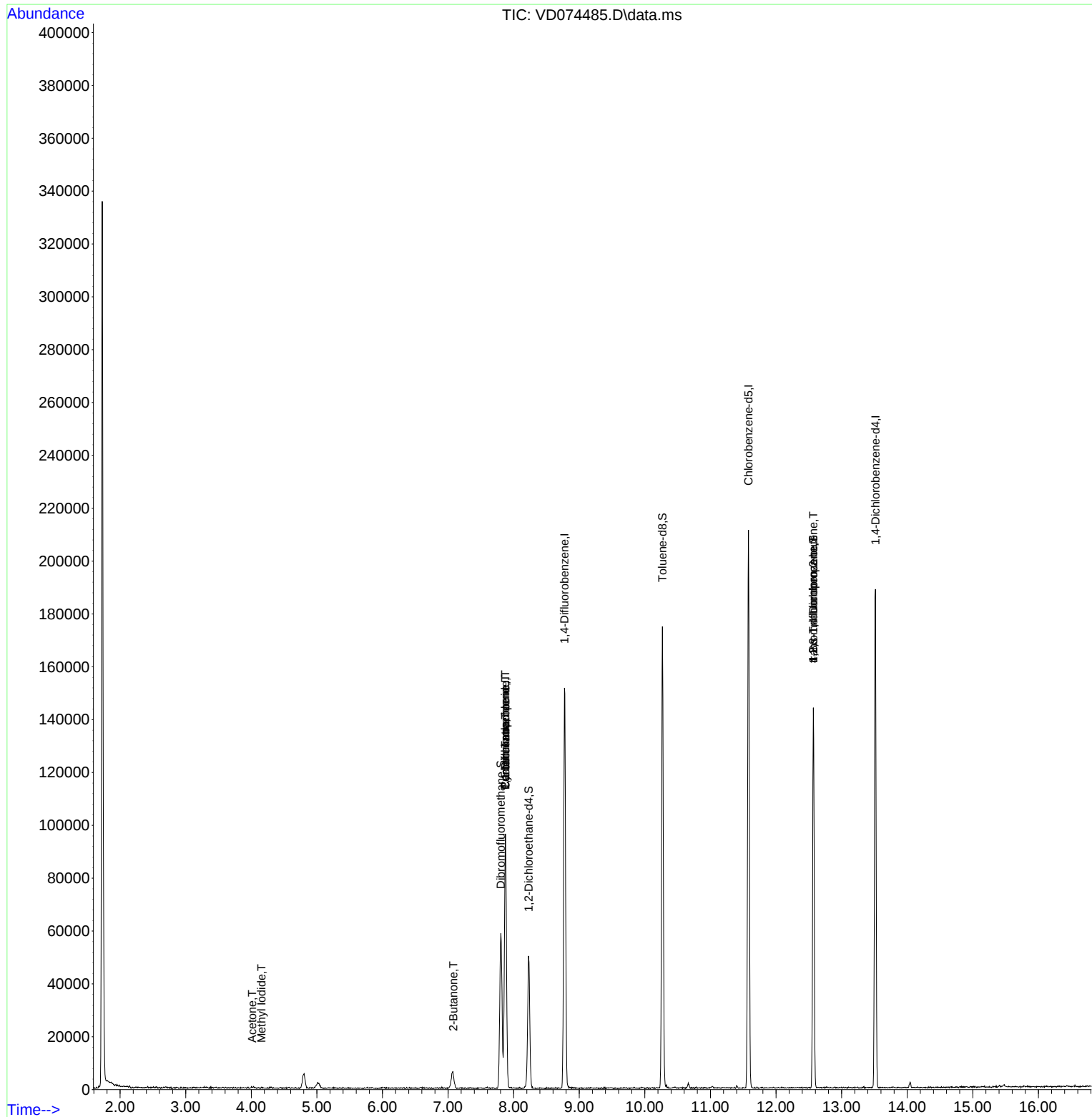
Internal Standards						
1) Pentafluorobenzene	7.875	168	76910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	145097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	130661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	54239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	39068	57.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.340%
35) Dibromofluoromethane	7.804	113	43980	45.966	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.269	98	125766	36.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.000%
62) 4-Bromofluorobenzene	12.569	95	44712	40.188	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.380%
Target Compounds						
10) Methyl Iodide	4.158	142	380	6.104	ug/l #	43
11) Tert butyl alcohol	5.010	59	2199	Below Cal	#	84
16) Acetone	4.016	43	756	15.794	ug/l #	37
20) Methylene Chloride	4.793	84	2560	Below Cal	#	83
25) 2-Butanone	7.081	43	422	2.153	ug/l #	42
31) Cyclohexane	7.875	56	1415	1.031	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	5774	4.299	ug/l #	44
38) Carbon Tetrachloride	7.875	117	7474	6.280	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	22677	54.465	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	22677	121.518	ug/l #	17

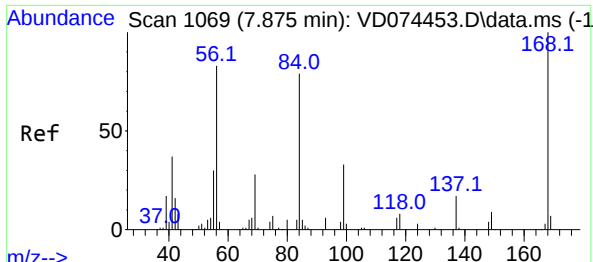
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

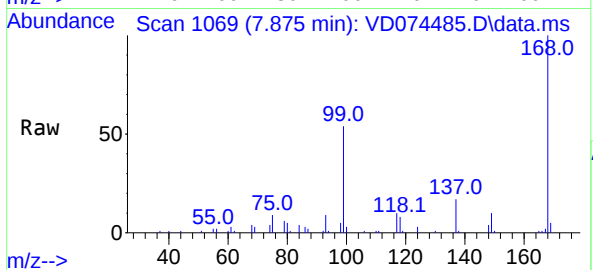
Quant Time: Oct 08 02:24:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100522S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 06 01:54:40 2022
Response via : Initial Calibration



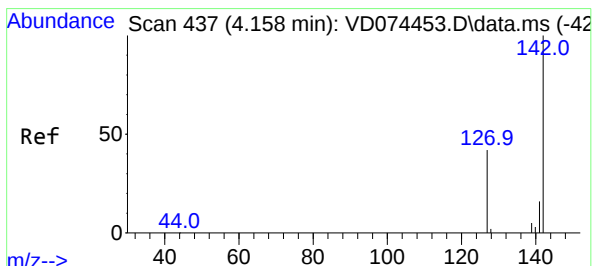
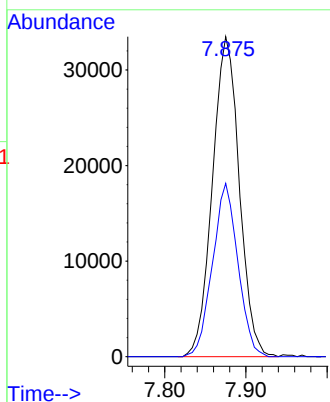
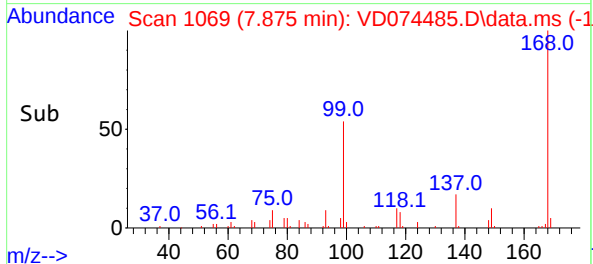


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Instrument :
MSVOA_D
ClientSampleId :

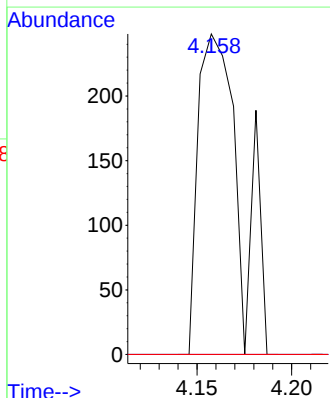
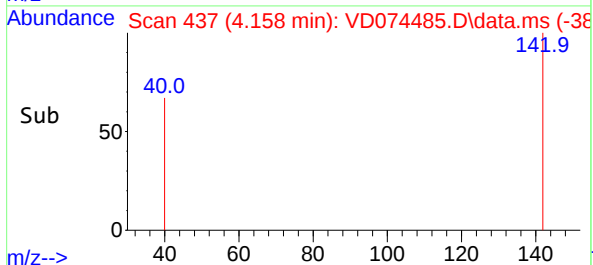
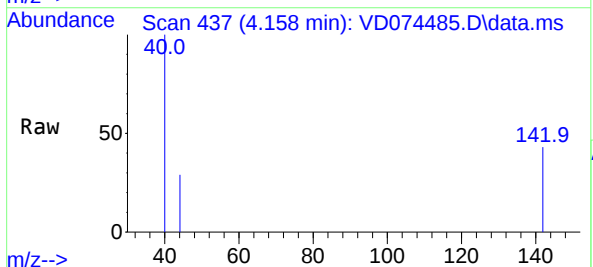


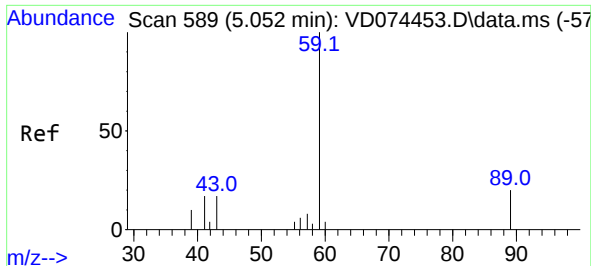
Tgt Ion:168 Resp: 76910
Ion Ratio Lower Upper
168 100
99 54.1 40.9 61.3



#10
Methyl Iodide
Concen: 6.104 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

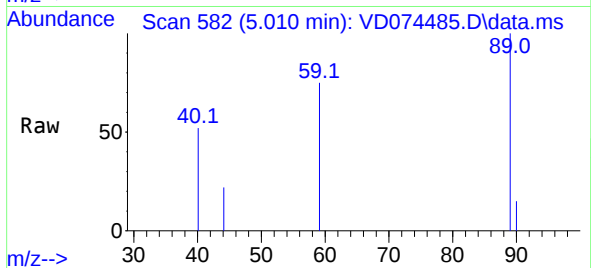
Tgt Ion:142 Resp: 380
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



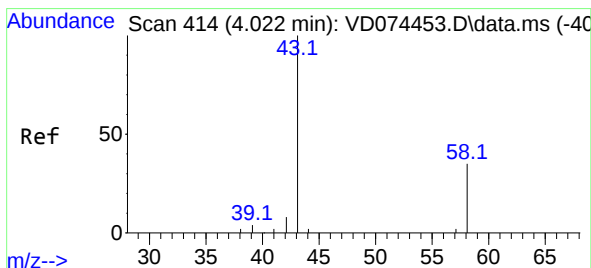
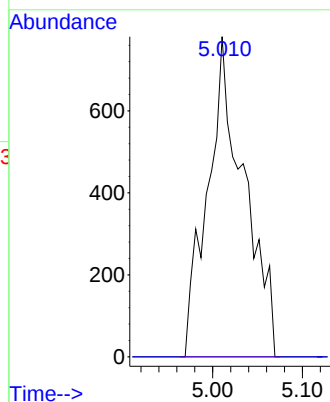
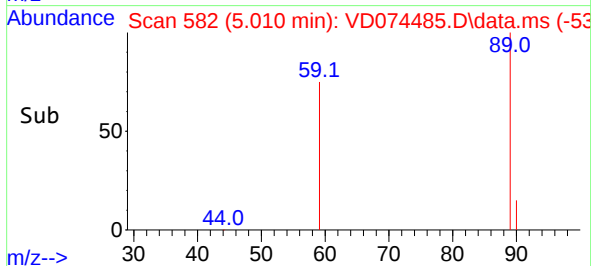


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.010 min Scan# 51
Delta R.T. -0.042 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Instrument :
MSVOA_D
ClientSampleId :

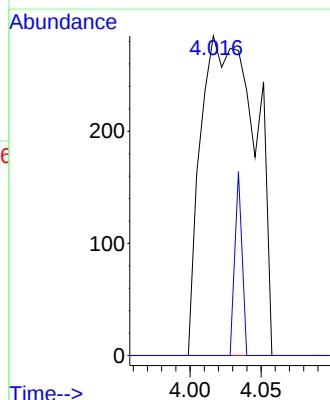
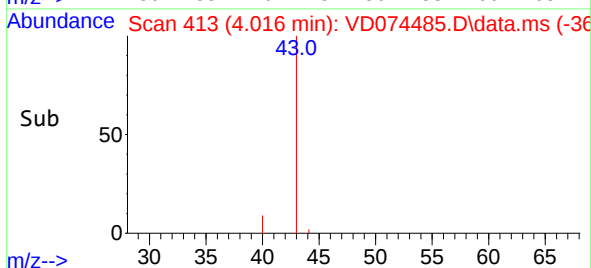
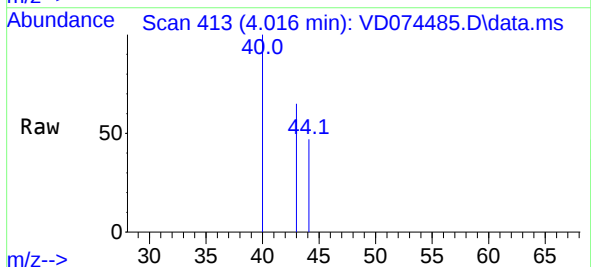


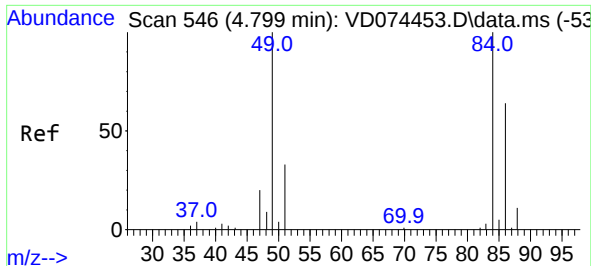
Tgt Ion: 59 Resp: 2199
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 15.794 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

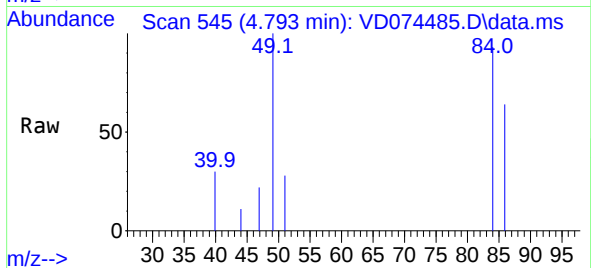
Tgt Ion: 43 Resp: 756
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



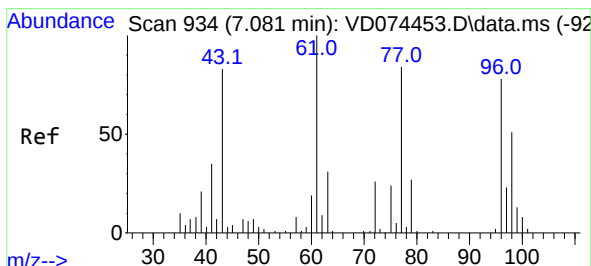
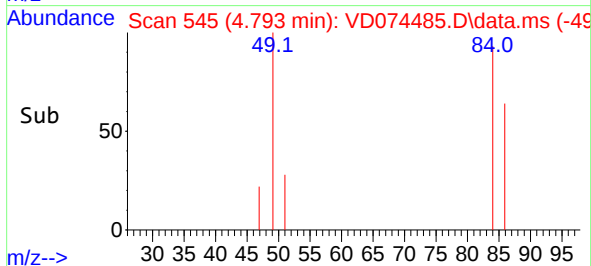
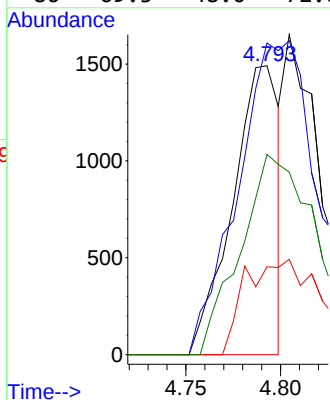


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Instrument :
MSVOA_D
ClientSampleId :

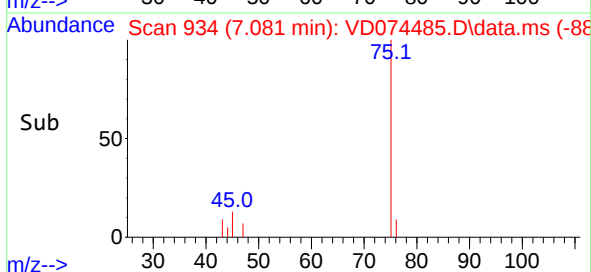
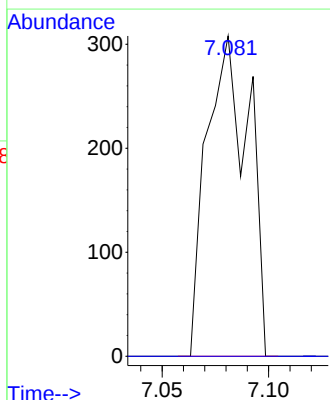
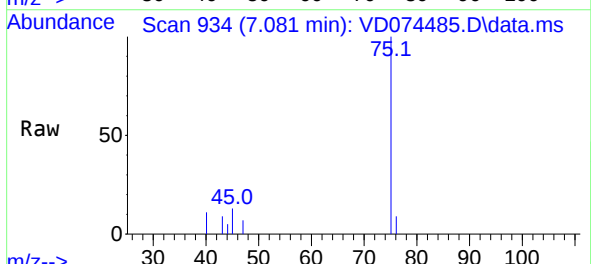


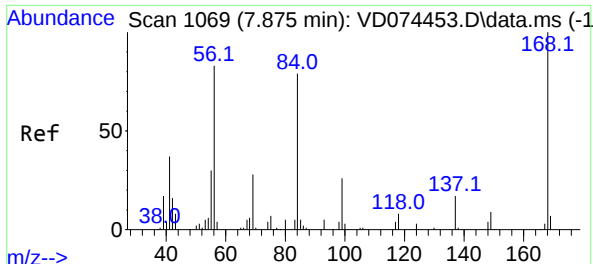
Tgt Ion: 84 Resp: 2560
Ion Ratio Lower Upper
84 100
49 107.8 68.0 102.0#
51 30.4 23.2 34.8
86 69.3 48.0 72.0



#25
2-Butanone
Concen: 2.153 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

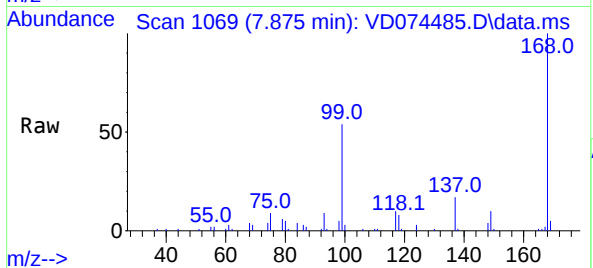
Tgt Ion: 43 Resp: 422
Ion Ratio Lower Upper
43 100
72 0.0 25.8 38.8#



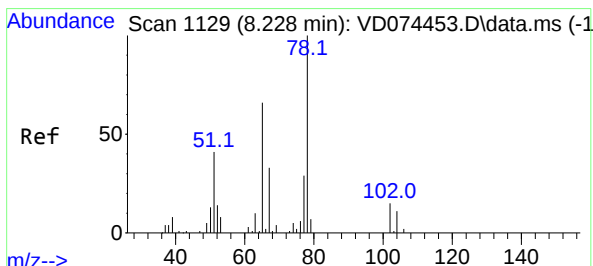
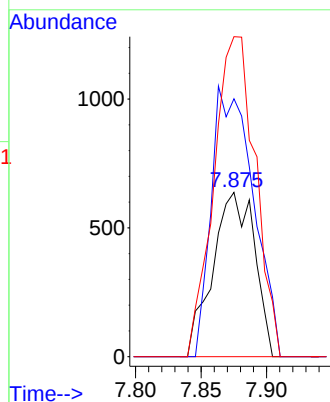
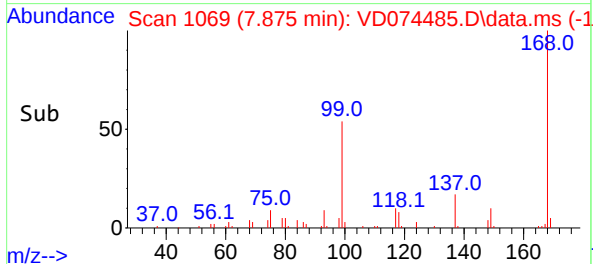


#31
Cyclohexane
Concen: 1.031 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Instrument :
MSVOA_D
ClientSampleId :

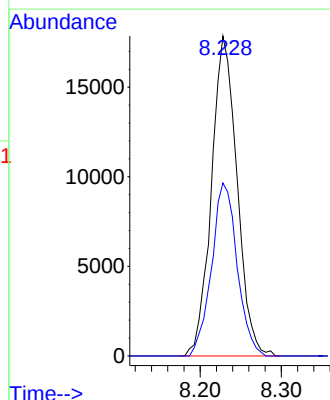
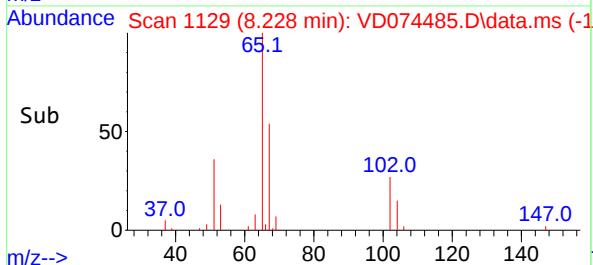
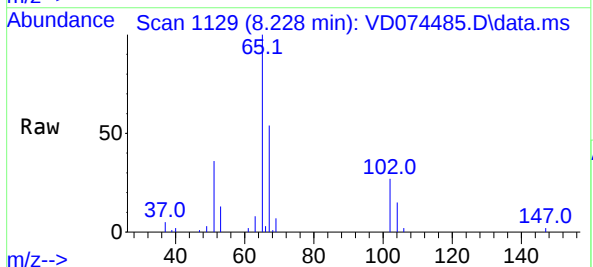


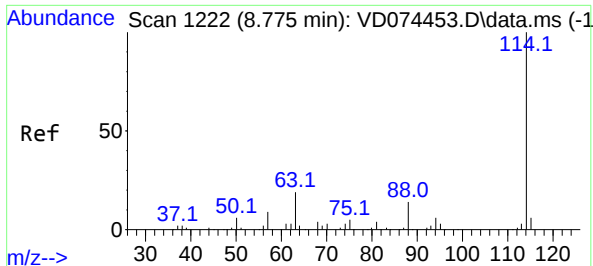
Tgt Ion: 56 Resp: 1415
Ion Ratio Lower Upper
56 100
69 156.9 29.2 43.8#
84 194.7 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 57.174 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Tgt Ion: 65 Resp: 39068
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# 11

Delta R.T. -0.000 min

Lab File: VD074485.D

Acq: 07 Oct 2022 12:37

Instrument :

MSVOA_D

ClientSampleId :

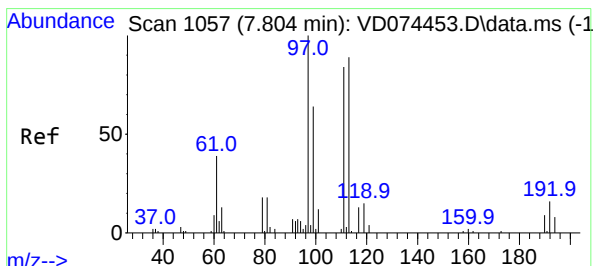
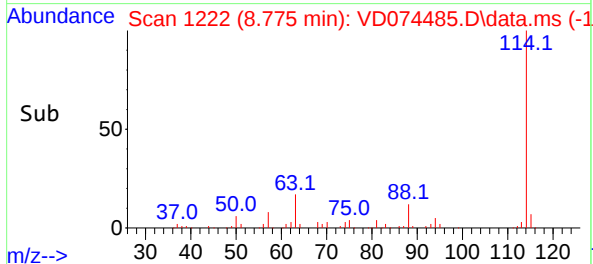
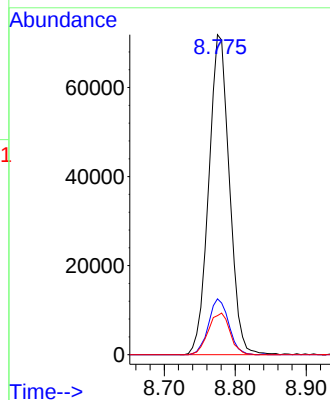
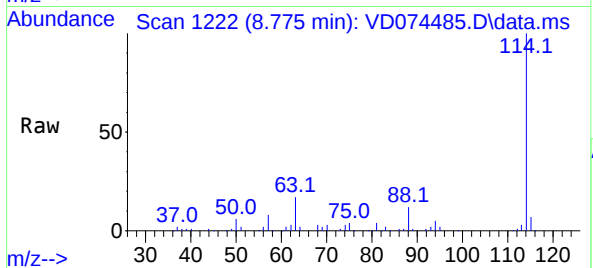
Tgt Ion:114 Resp: 145097

Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.2

88 12.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 45.966 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074485.D

Acq: 07 Oct 2022 12:37

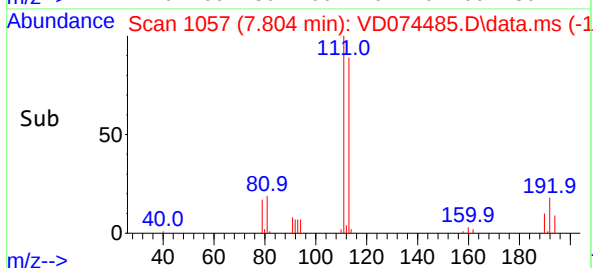
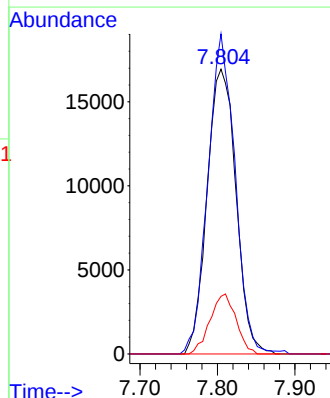
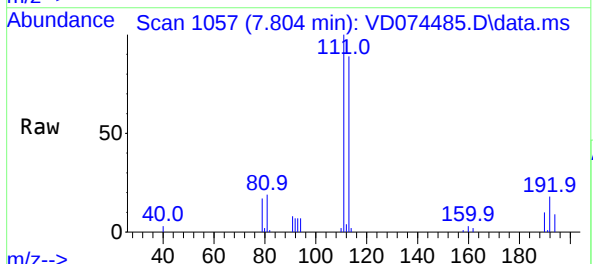
Tgt Ion:113 Resp: 43980

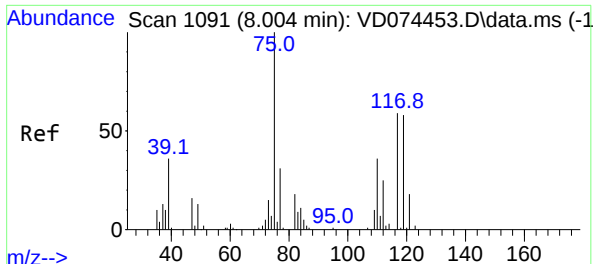
Ion Ratio Lower Upper

113 100

111 105.1 82.3 123.5

192 18.9 16.4 24.6

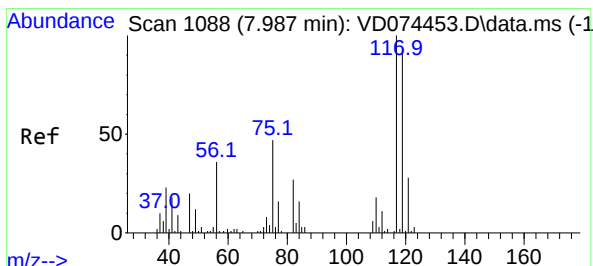
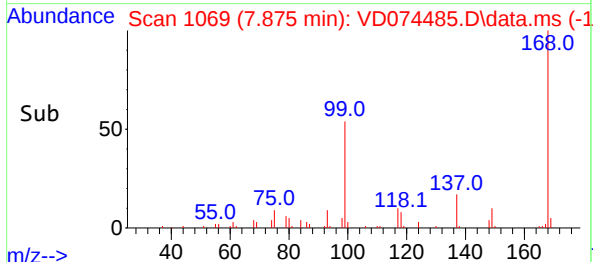
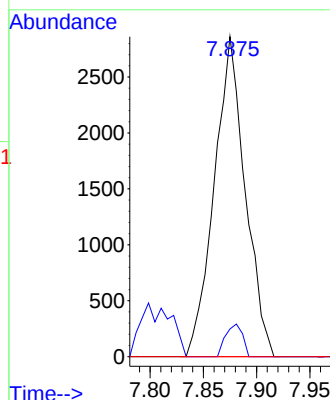
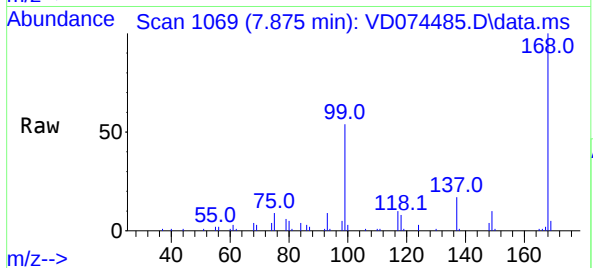




#36
1,1-Dichloropropene
Concen: 4.299 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

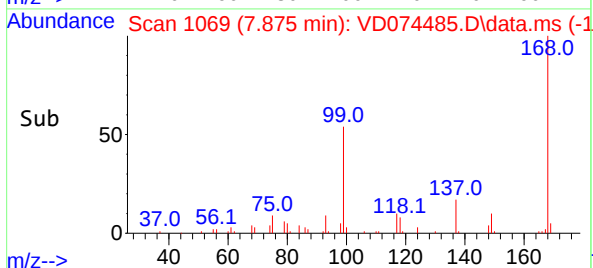
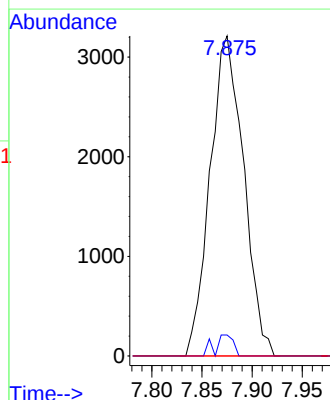
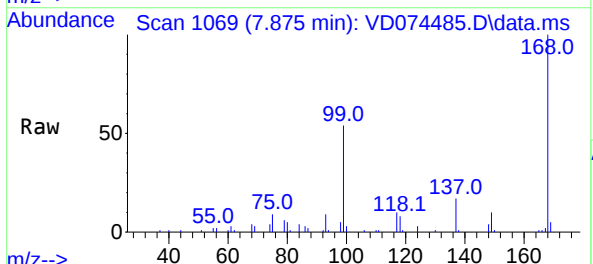
Instrument :
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ClientSampleId :

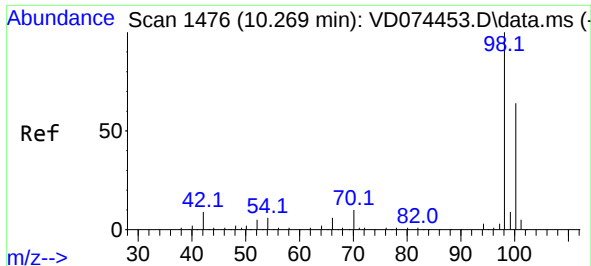
Tgt Ion: 75 Resp: 5774
Ion Ratio Lower Upper
75 100
110 5.6 19.7 59.0#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 6.280 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Tgt Ion: 117 Resp: 7474
Ion Ratio Lower Upper
117 100
119 6.5 73.1 109.7#
121 0.0 25.0 37.6#

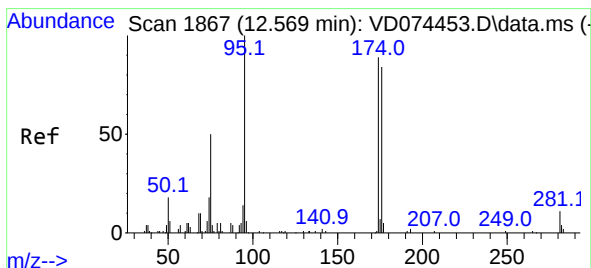
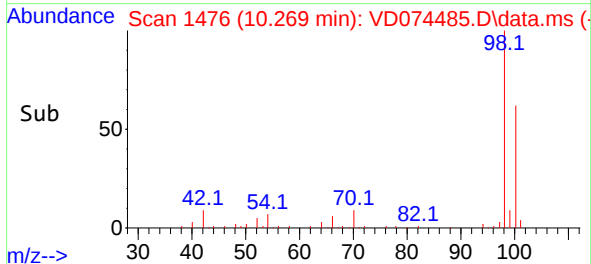
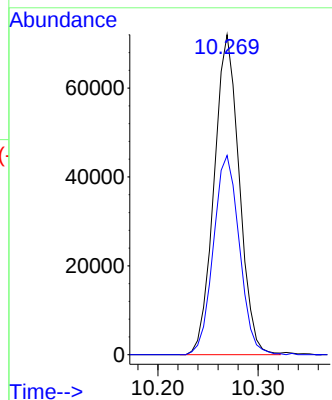
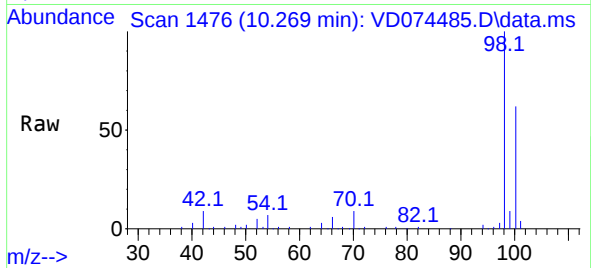




#50
Toluene-d8
Concen: 36.495 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

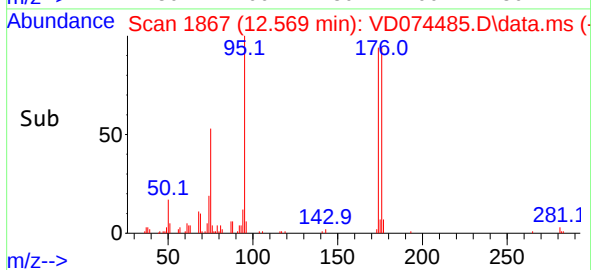
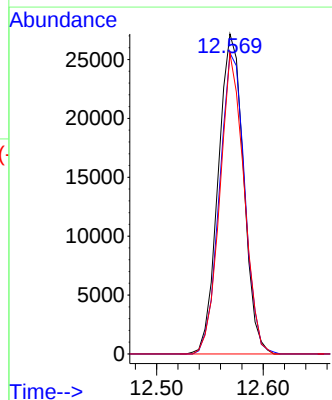
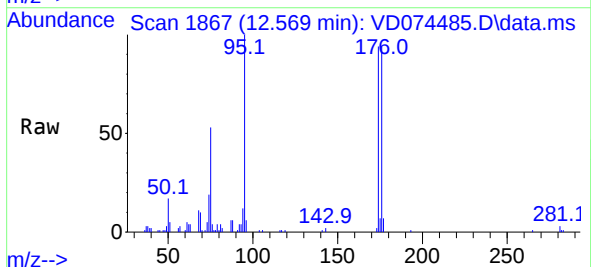
Instrument :
MSVOA_D
ClientSampleId :

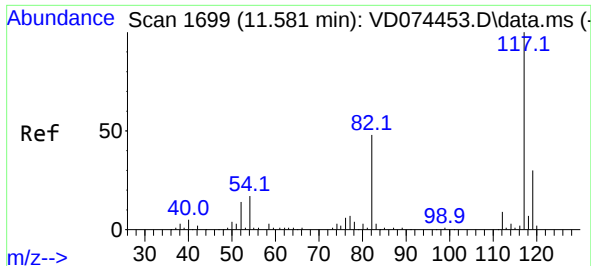
Tgt Ion: 98 Resp: 125766
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 40.188 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Tgt Ion: 95 Resp: 44712
Ion Ratio Lower Upper
95 100
174 93.4 0.0 197.0
176 89.3 0.0 182.6

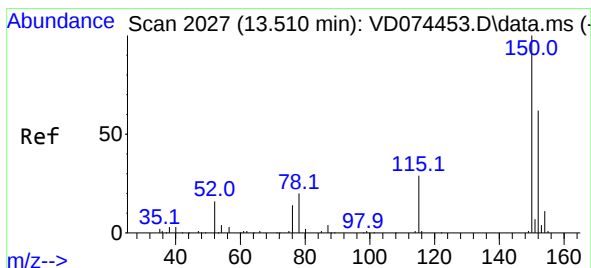
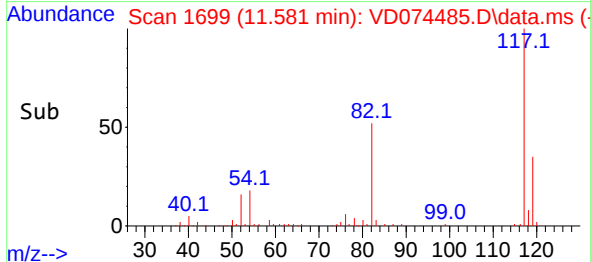
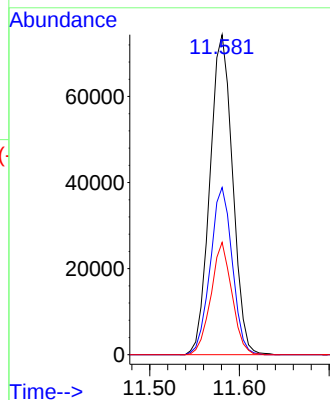
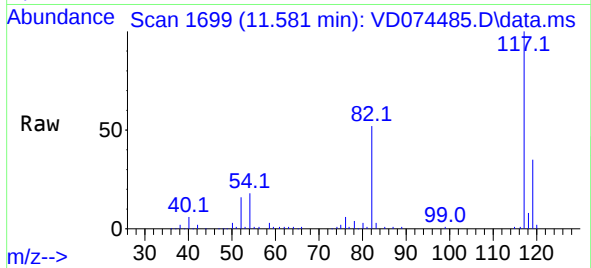




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

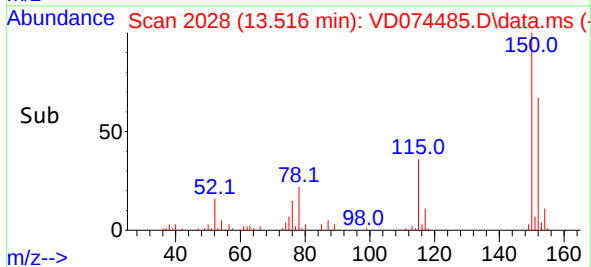
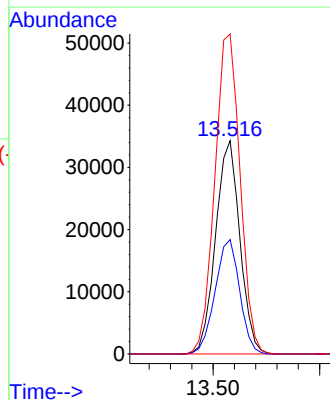
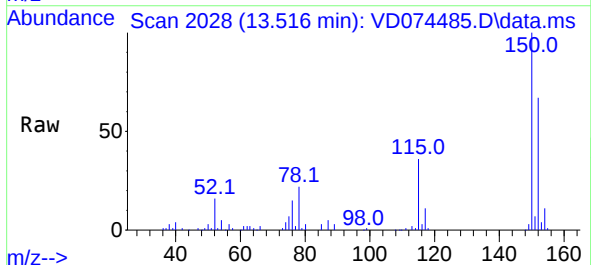
Instrument :
MSVOA_D
ClientSampleId :

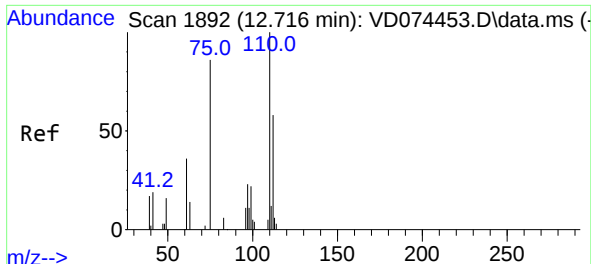
Tgt Ion:117 Resp: 130661
Ion Ratio Lower Upper
117 100
82 52.3 41.6 62.4
119 35.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Tgt Ion:152 Resp: 54239
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 156.1 0.0 348.2

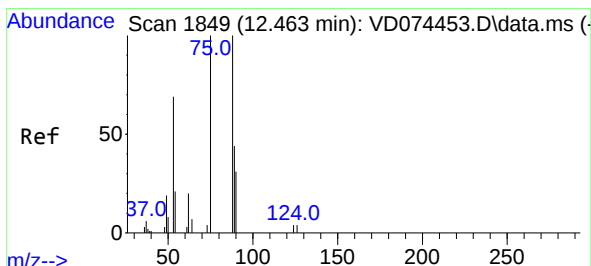
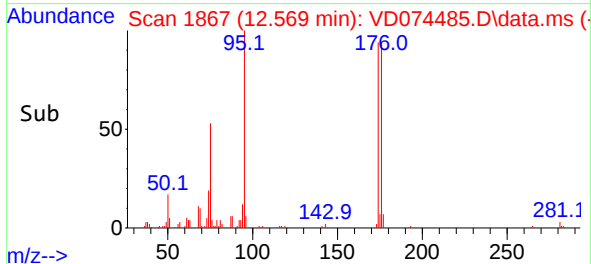
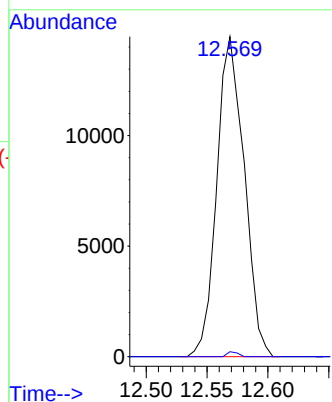
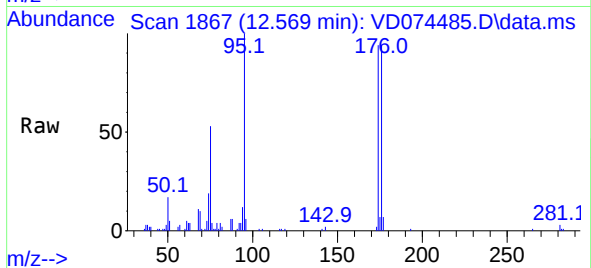




#76
1,2,3-Trichloropropane
Concen: 54.465 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 22677
Ion Ratio Lower Upper
75 100
77 0.6 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.518 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074485.D
Acq: 07 Oct 2022 12:37

Tgt Ion: 75 Resp: 22677
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

