

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091422\
 Data File : VD074288.D
 Acq On : 14 Sep 2022 16:48
 Operator : VA/SY
 Sample : N4579-19
 Misc : 2.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 15 04:14:58 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)

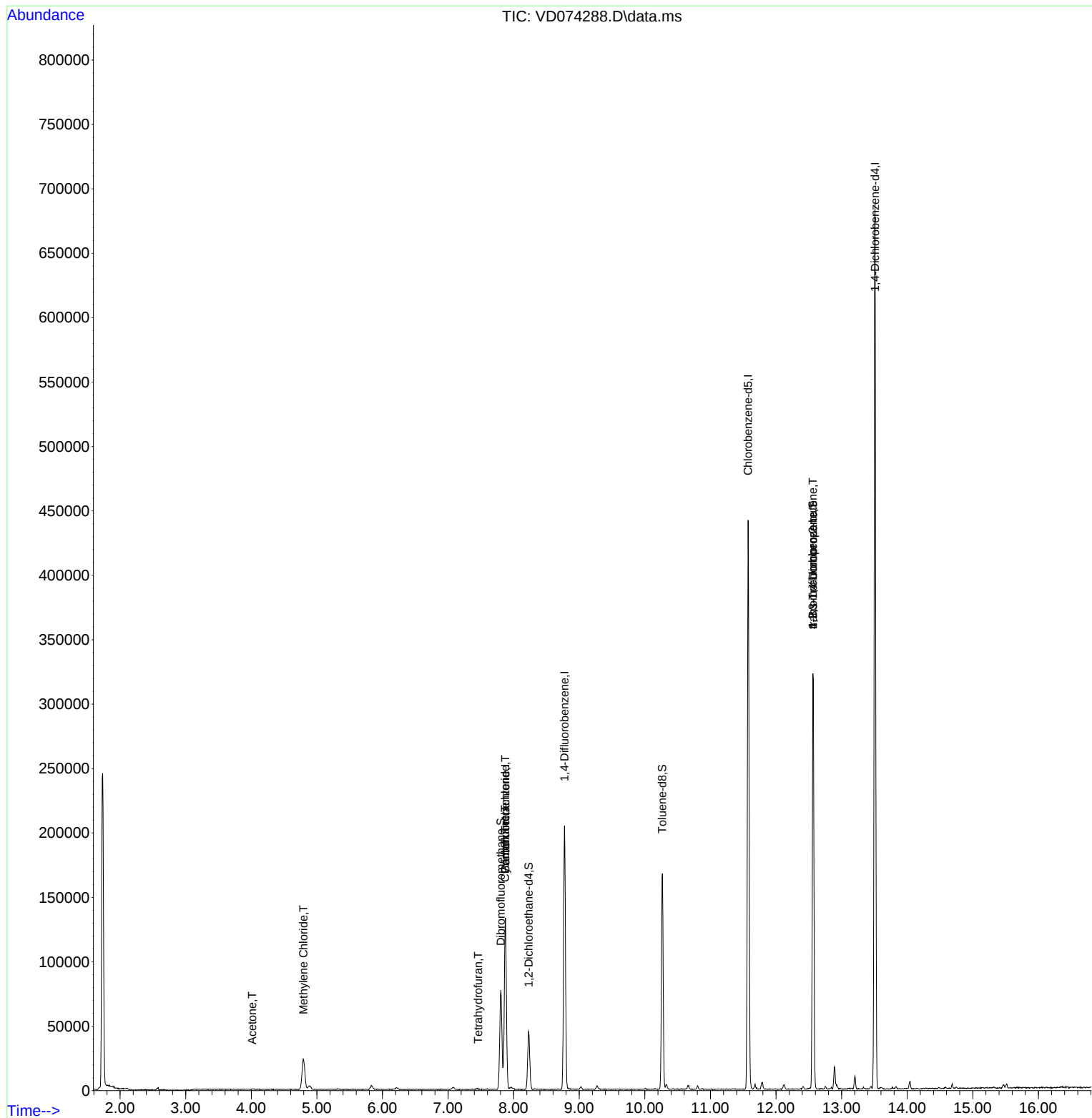
Internal Standards						
1) Pentafluorobenzene	7.875	168	101464	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	252657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	186693	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	33182	32.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.160%
35) Dibromofluoromethane	7.804	113	55890	45.571	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.140%
50) Toluene-d8	10.263	98	121660	27.254	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	54.500%
62) 4-Bromofluorobenzene	12.563	95	99289	65.888	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.780%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	226	1.058	ug/l #	42
20) Methylene Chloride	4.793	84	18389	9.184	ug/l #	95
29) Tetrahydrofuran	7.457	42	705	3.211	ug/l #	40
31) Cyclohexane	7.869	56	2965	1.387	ug/l #	53
38) Carbon Tetrachloride	7.875	117	10440	5.854	ug/l #	11
58) 2-Chloroethyl Vinyl ether	9.863	63	60	Below Cal	#	47
76) 1,2,3-Trichloropropane	12.563	75	51450	26.883	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	51450	66.280	ug/l #	100

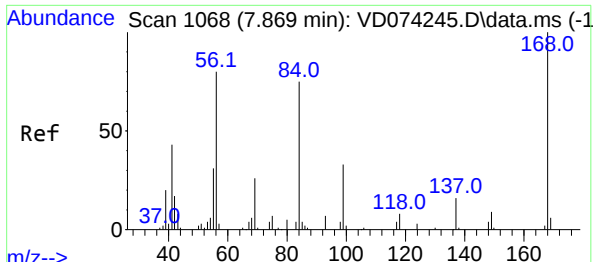
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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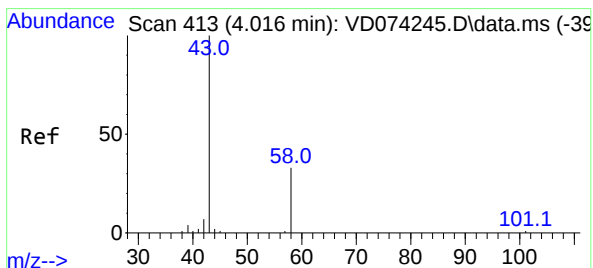
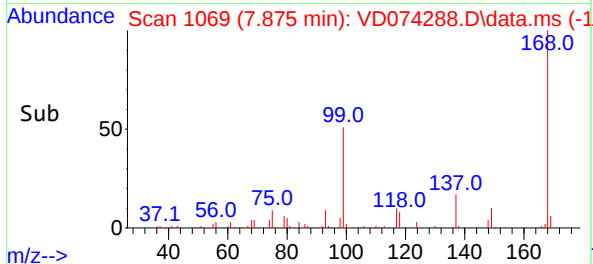
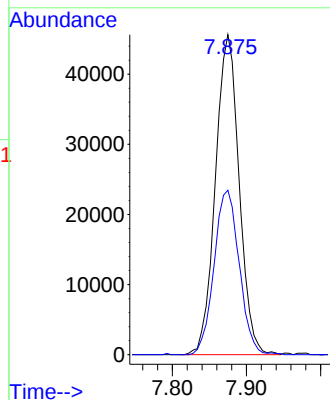
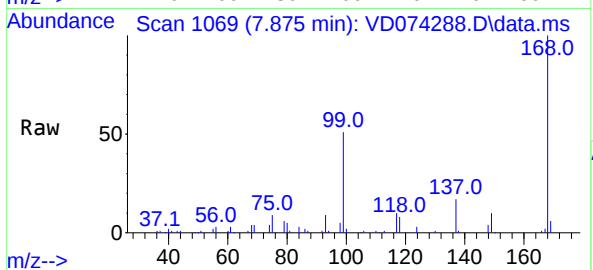




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

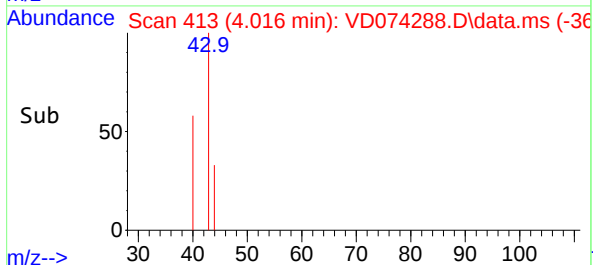
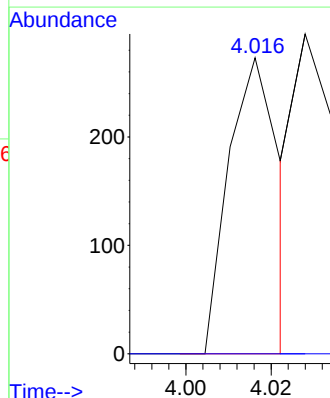
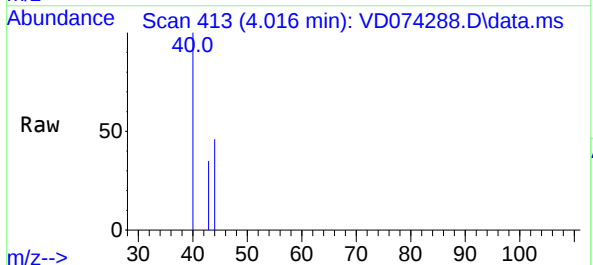
Instrument :
MSVOA_D
ClientSampleId :

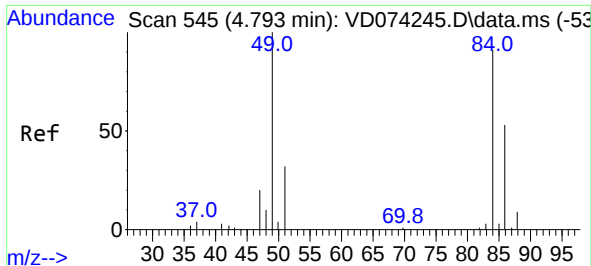
Tgt Ion:168 Resp: 101464
Ion Ratio Lower Upper
168 100
99 51.4 43.0 64.6



#16
Acetone
Concen: 1.058 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

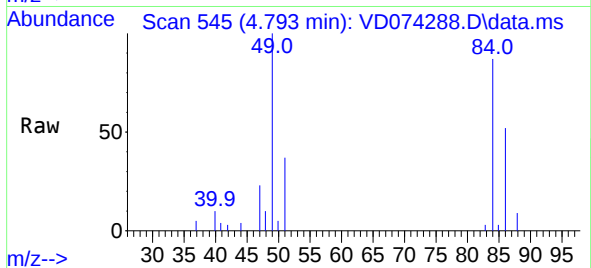
Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
58 0.0 26.4 39.6#





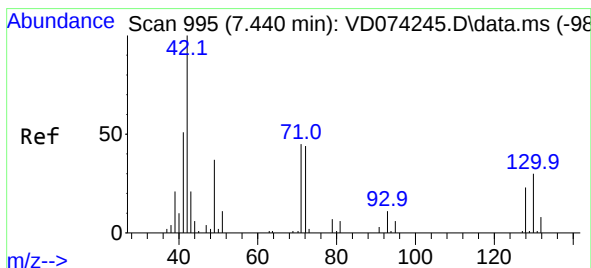
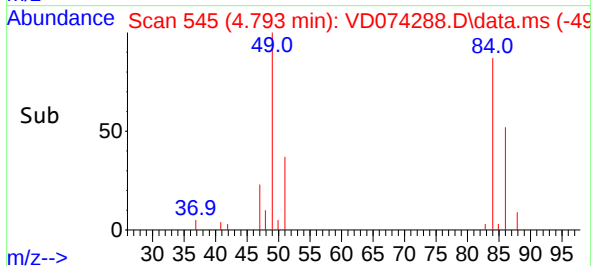
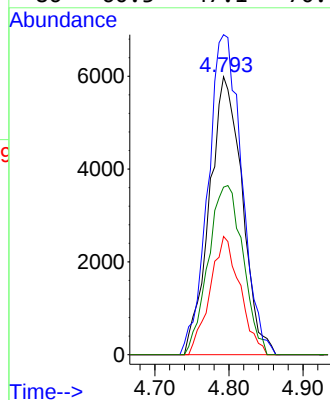
#20
Methylene Chloride
Concen: 9.184 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 18389

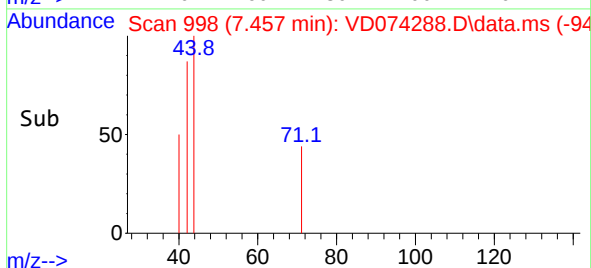
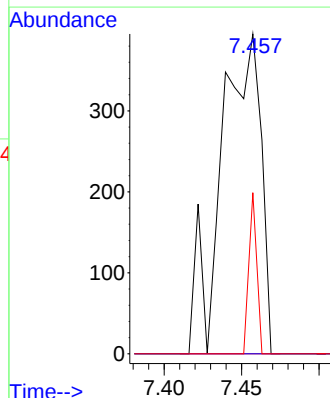
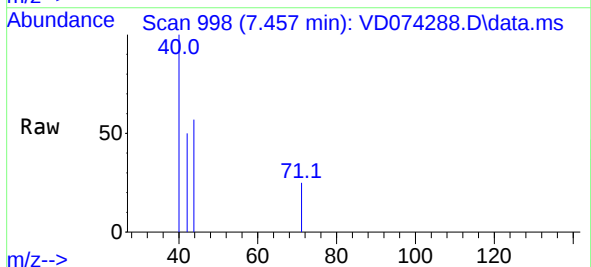
Ion	Ratio	Lower	Upper
84	100		
49	115.1	88.4	132.6
51	42.5	28.0	42.0#
86	60.3	47.1	70.7

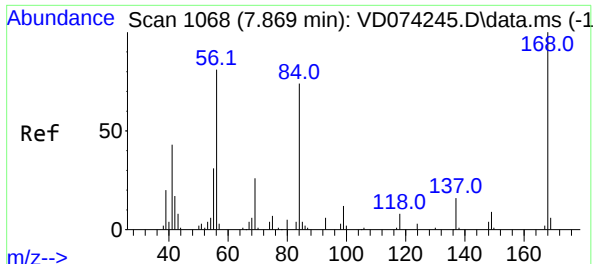


#29
Tetrahydrofuran
Concen: 3.211 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.017 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

Tgt Ion: 42 Resp: 705

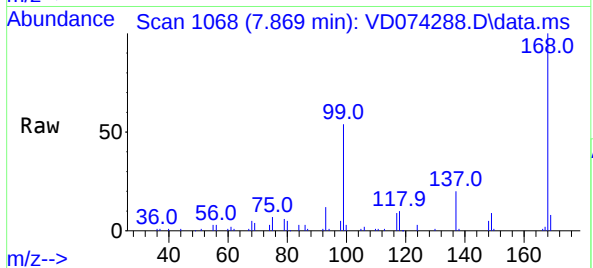
Ion	Ratio	Lower	Upper
42	100		
72	0.0	36.1	54.1#
71	9.9	34.1	51.1#



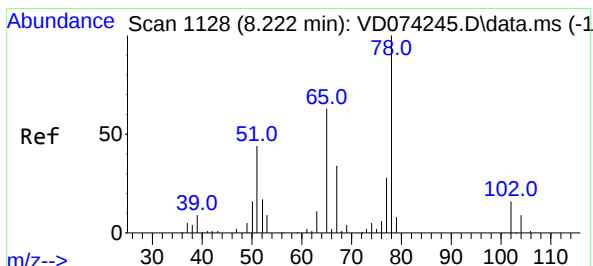
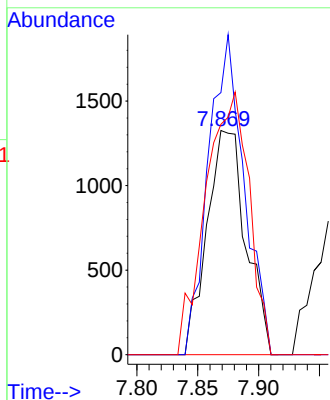
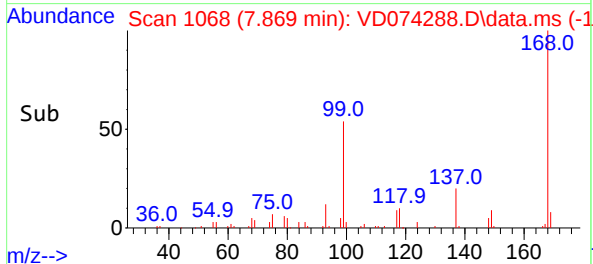


#31
Cyclohexane
Concen: 1.387 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

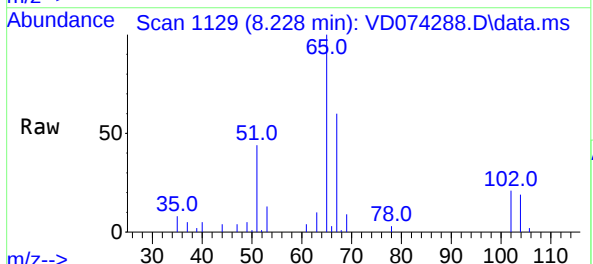
Instrument :
MSVOA_D
ClientSampleId :



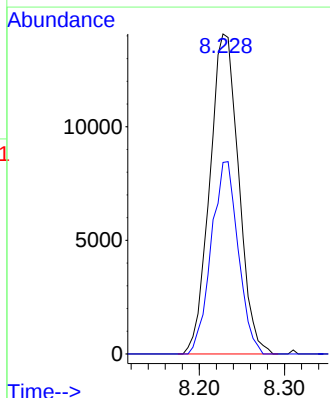
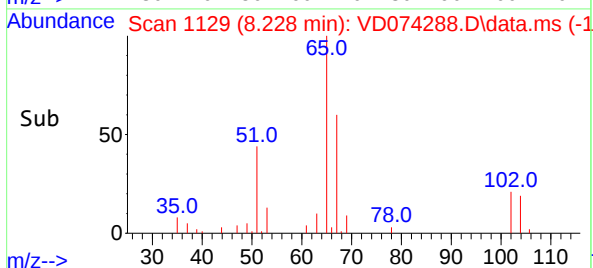
Tgt Ion: 56 Resp: 2965
Ion Ratio Lower Upper
56 100
69 116.9 25.7 38.5#
84 102.8 73.9 110.9

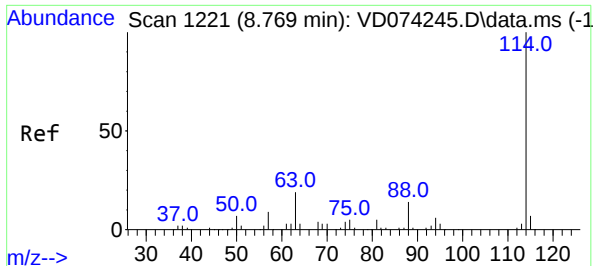


#33
1,2-Dichloroethane-d4
Concen: 32.077 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48



Tgt Ion: 65 Resp: 33182
Ion Ratio Lower Upper
65 100
67 55.9 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: VD074288.D

Acq: 14 Sep 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

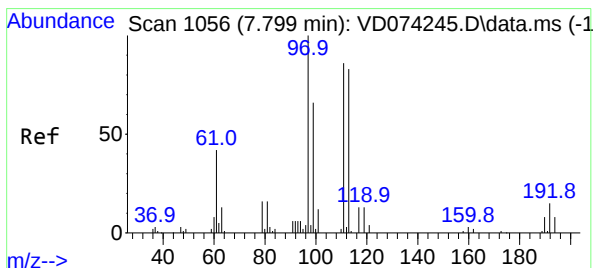
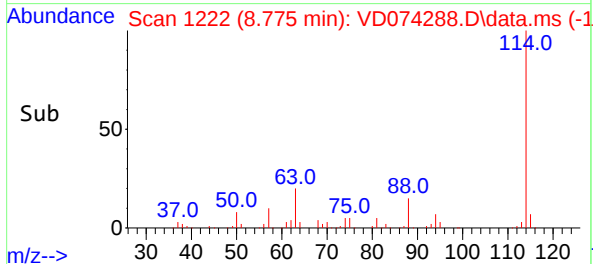
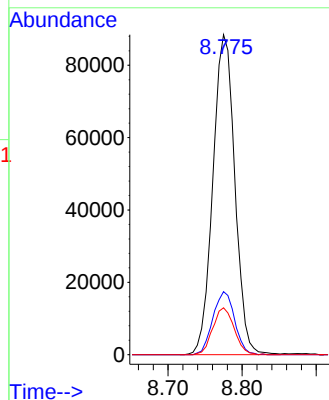
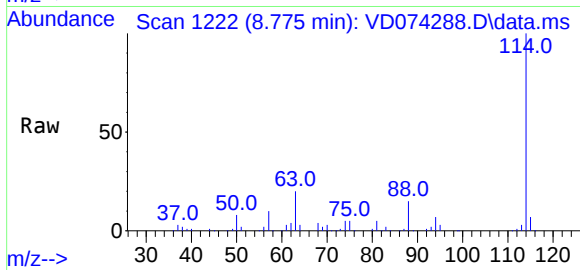
Tgt Ion:114 Resp: 182101

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.6

88 14.7 0.0 28.4



#35

Dibromofluoromethane

Concen: 45.571 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.005 min

Lab File: VD074288.D

Acq: 14 Sep 2022 16:48

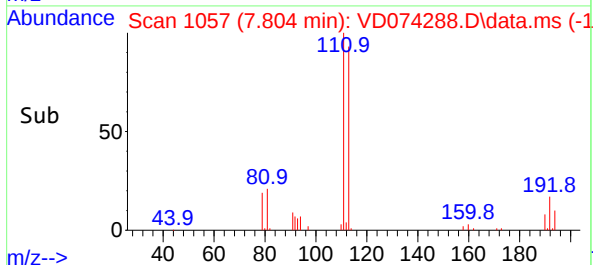
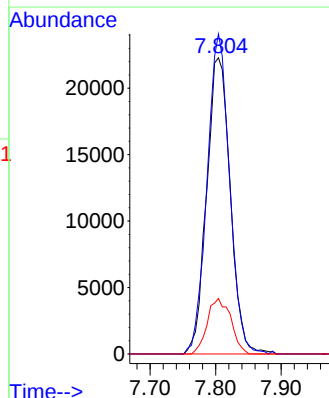
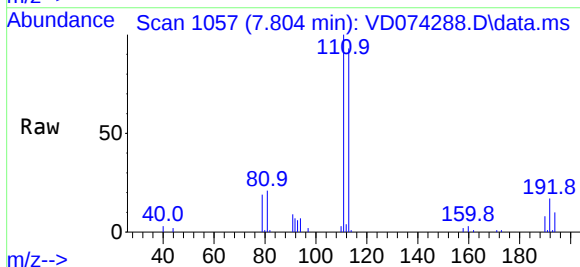
Tgt Ion:113 Resp: 55890

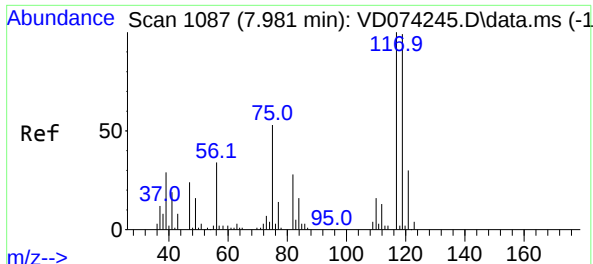
Ion Ratio Lower Upper

113 100

111 102.7 83.0 124.6

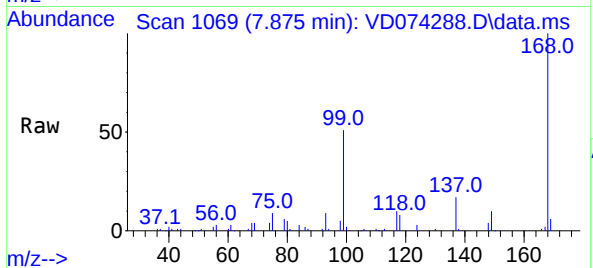
192 18.6 16.2 24.2



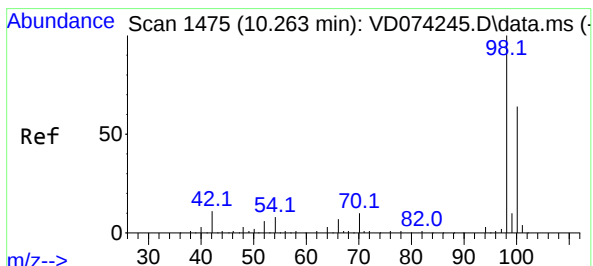
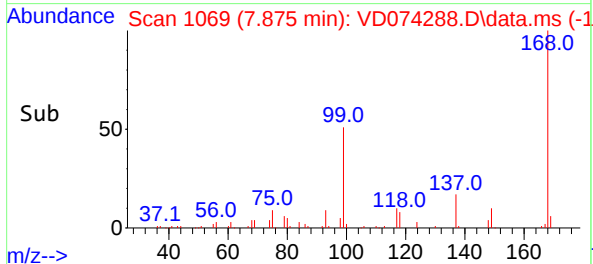
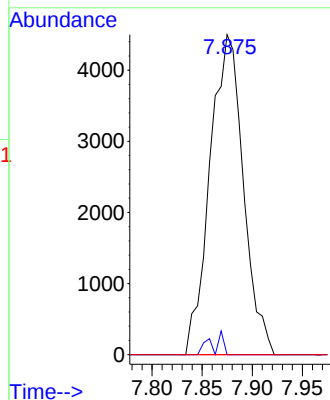


#38
Carbon Tetrachloride
Concen: 5.854 ug/l
RT: 7.875 min Scan# 1087
Delta R.T. -0.106 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :

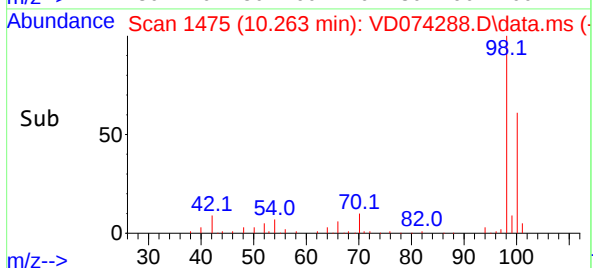
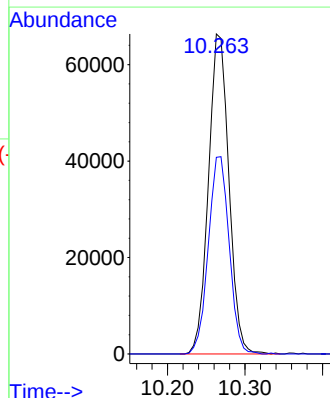
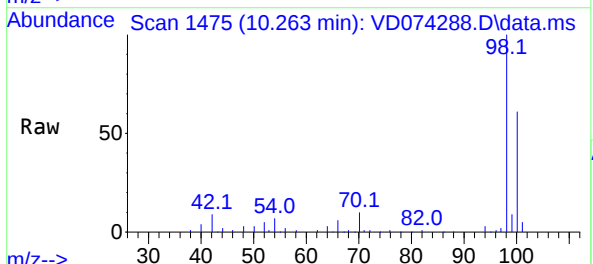


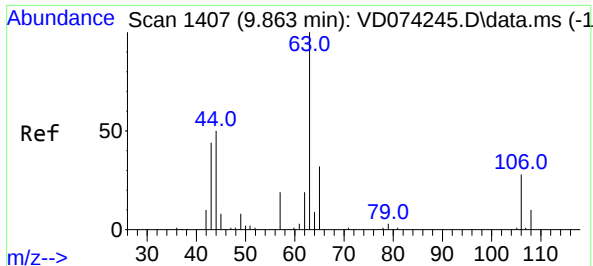
Tgt Ion:117 Resp: 10440
Ion Ratio Lower Upper
117 100
119 0.0 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 27.254 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

Tgt Ion: 98 Resp: 121660
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8





#58

2-Chloroethyl Vinyl ether

Concen: Below Cal

RT: 9.863 min Scan# 1407

Delta R.T. -0.000 min

Lab File: VD074288.D

Acq: 14 Sep 2022 16:48

Instrument :

MSVOA_D

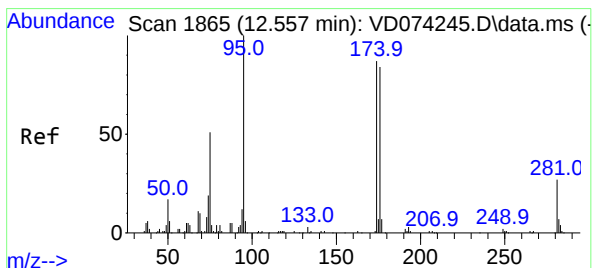
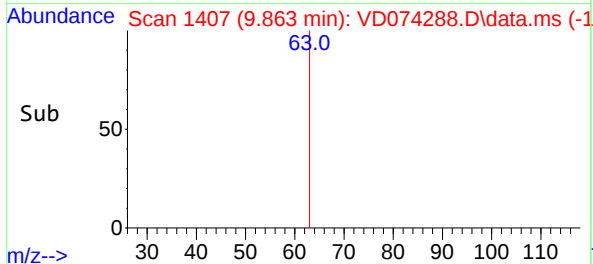
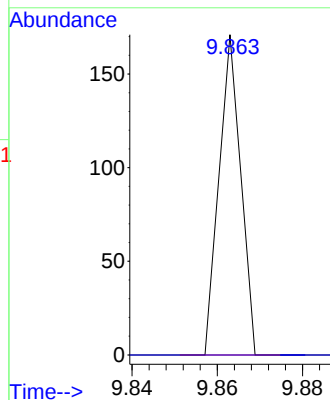
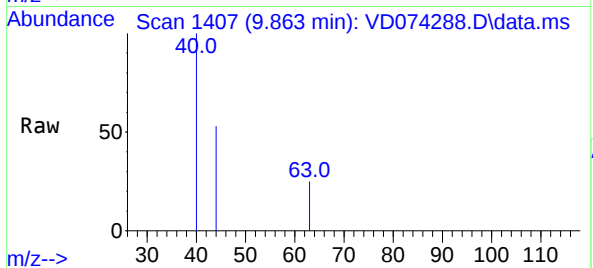
ClientSampleId :

Tgt Ion: 63 Resp: 60

Ion Ratio Lower Upper

63 100

106 0.0 21.9 32.9#



#62

4-Bromofluorobenzene

Concen: 65.888 ug/l

RT: 12.563 min Scan# 1866

Delta R.T. 0.006 min

Lab File: VD074288.D

Acq: 14 Sep 2022 16:48

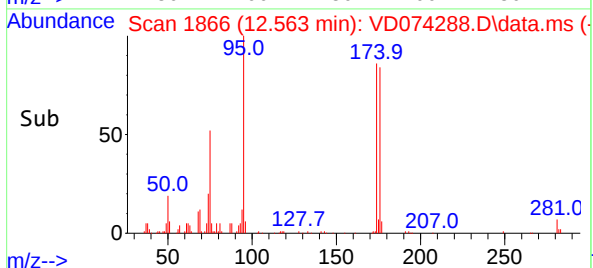
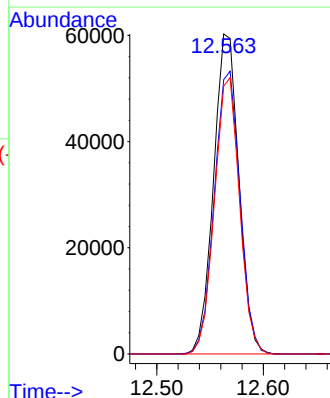
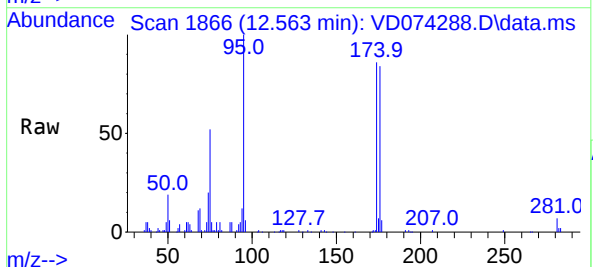
Tgt Ion: 95 Resp: 99289

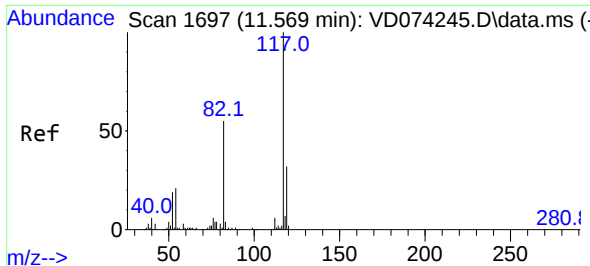
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.2

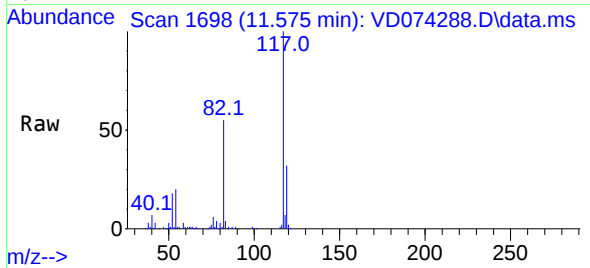
176 85.3 0.0 171.4



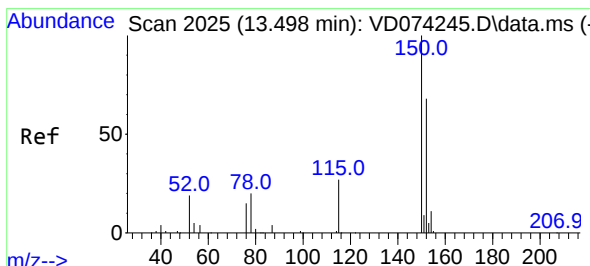
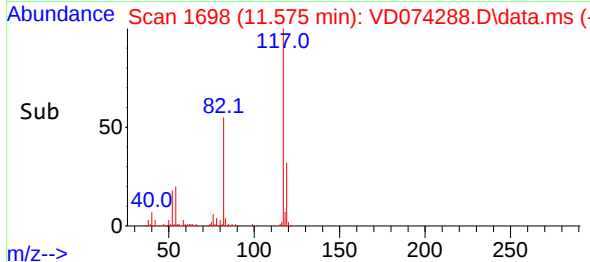
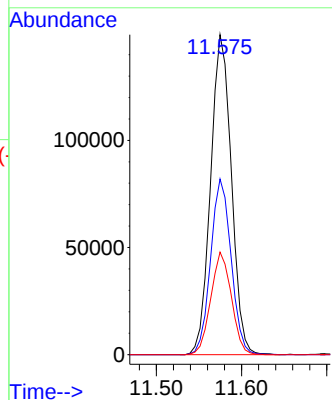


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :

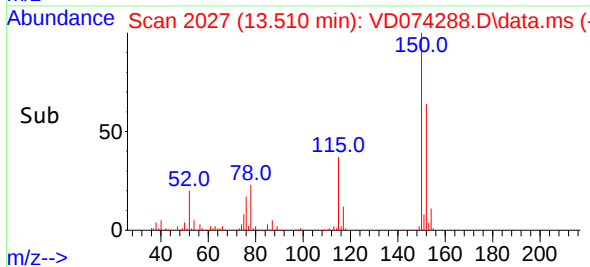
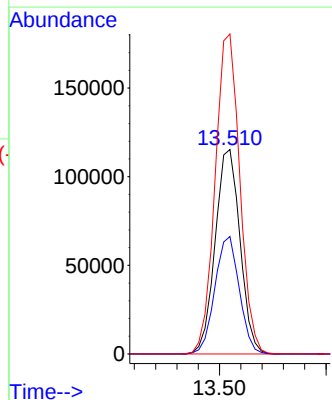
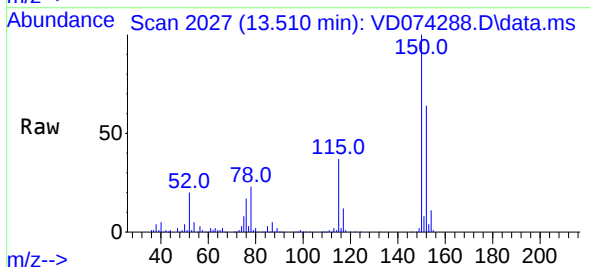


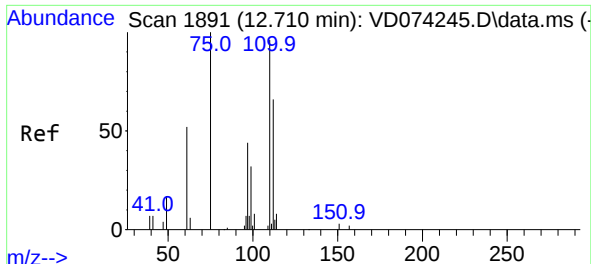
Tgt Ion:117 Resp: 252657
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.012 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

Tgt Ion:152 Resp: 186693
Ion Ratio Lower Upper
152 100
115 56.4 28.4 85.2
150 155.3 0.0 351.0

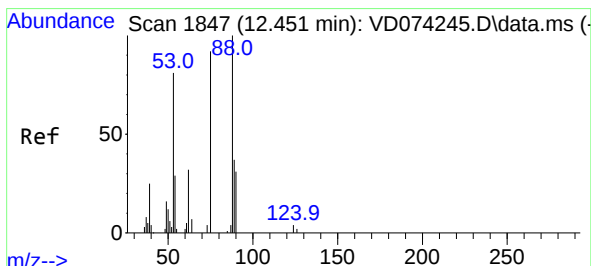
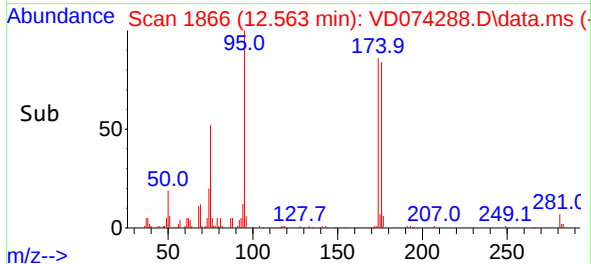
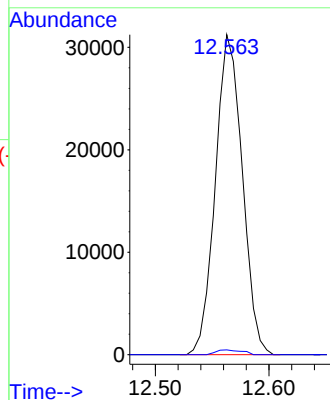
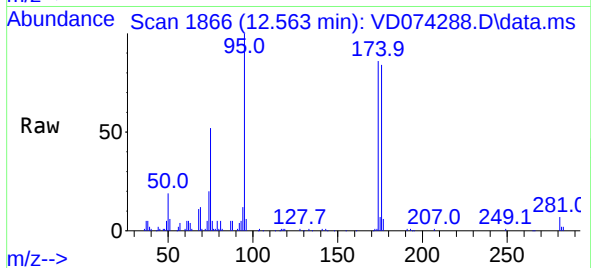




#76
1,2,3-Trichloropropane
Concen: 26.883 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.147 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 51450
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.280 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.112 min
Lab File: VD074288.D
Acq: 14 Sep 2022 16:48

Tgt Ion: 75 Resp: 51450
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

