

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092722\
 Data File : VD074447.D
 Acq On : 27 Sep 2022 16:08
 Operator : VA/SY
 Sample : N4809-07
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-0923

Quant Time: Sep 28 04:41:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D092622S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 03:19:14 2022
 Response via : Initial Calibration

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

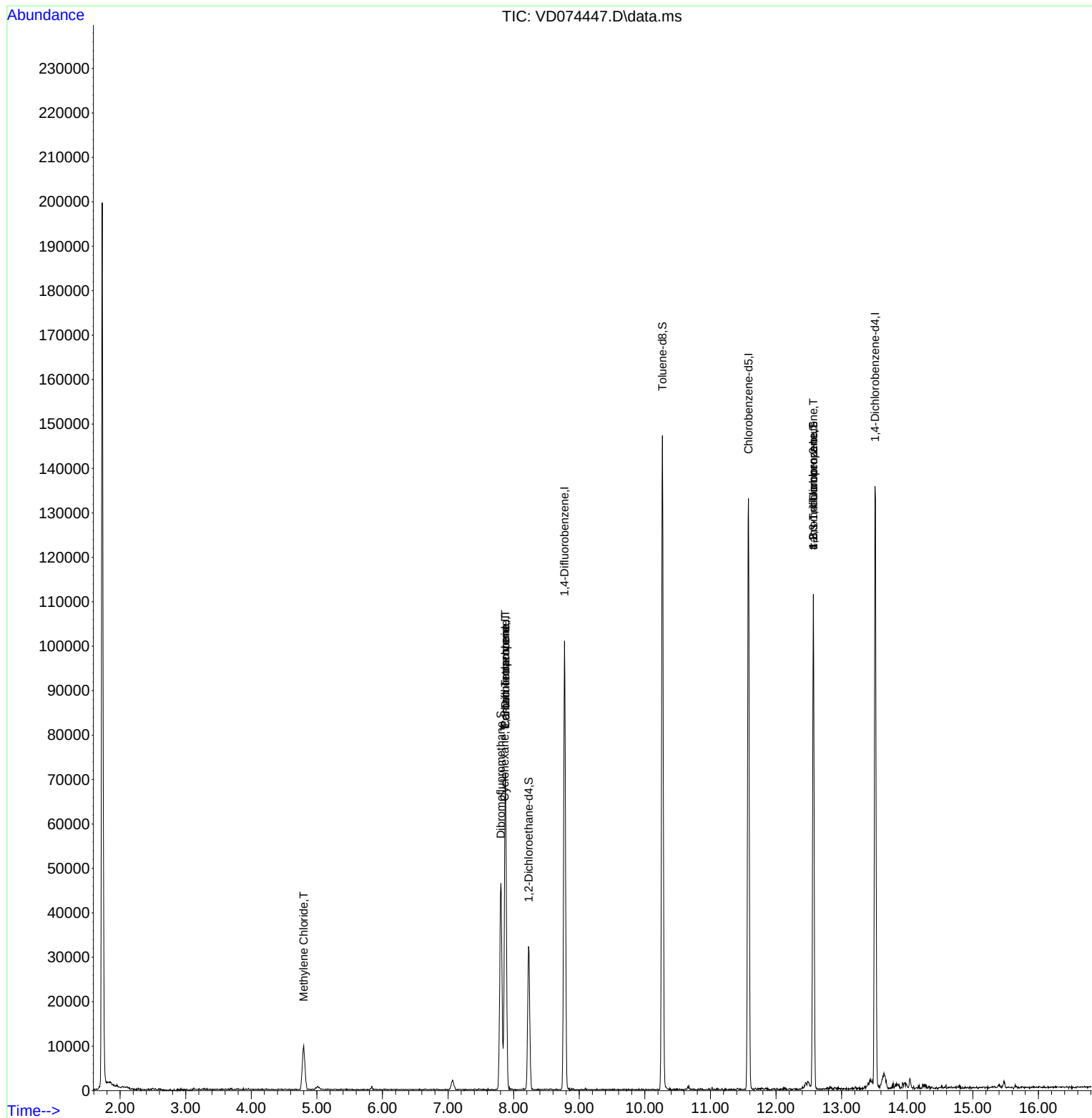
Internal Standards						
1) Pentafluorobenzene	7.875	168	59443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	97184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	85187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	40187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	25636	50.093	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.180%	
35) Dibromofluoromethane	7.804	113	34533	52.992	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.980%	
50) Toluene-d8	10.269	98	107303	48.552	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	12.569	95	33987	43.242	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	216	Below Cal	#	37
11) Tert butyl alcohol	5.034	59	65	Below Cal	#	84
20) Methylene Chloride	4.799	84	8396	4.833	ug/l	97
31) Cyclohexane	7.863	56	962	1.107	ug/l #	49
36) 1,1-Dichloropropene	7.875	75	4168	4.723	ug/l #	44
38) Carbon Tetrachloride	7.875	117	5557	6.580	ug/l #	14
76) 1,2,3-Trichloropropane	12.569	75	16646	52.959	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	16646	129.231	ug/l #	17

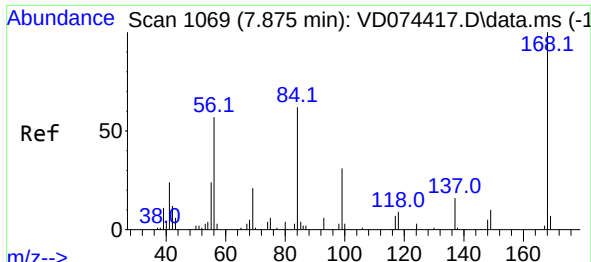
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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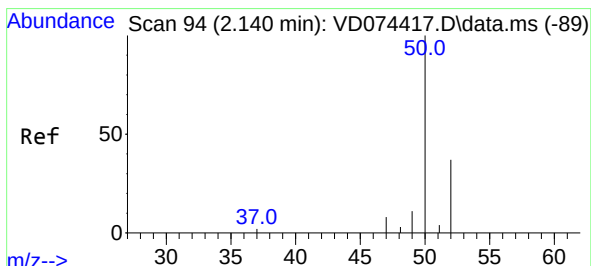
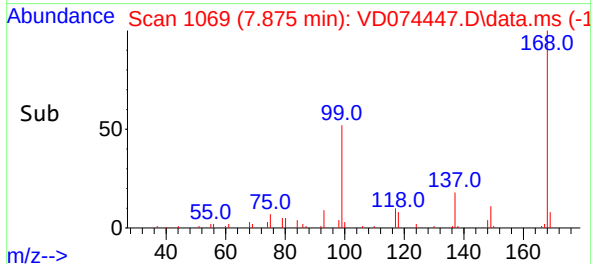
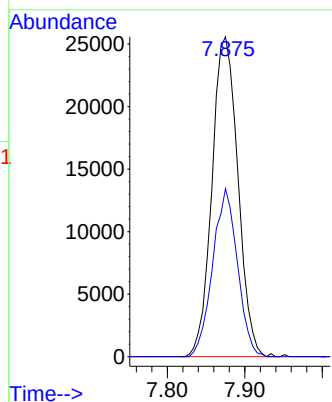
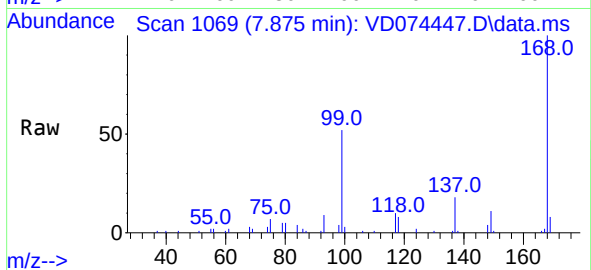




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

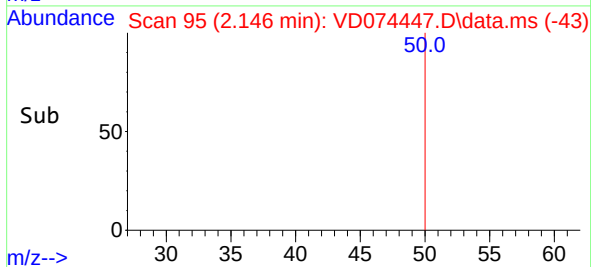
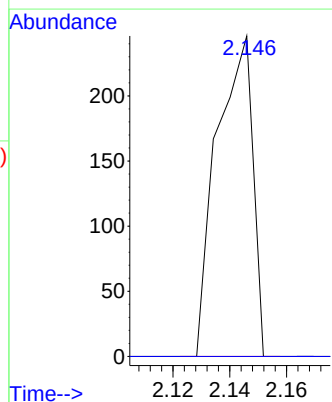
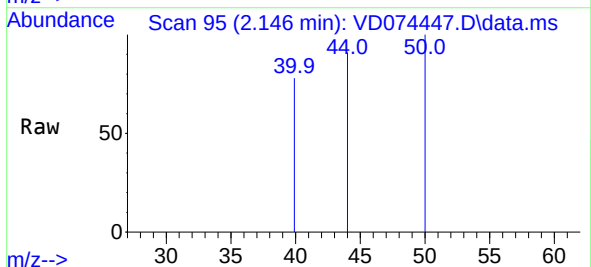
Instrument :
MSVOA_D
ClientSampleId :
TP3-0923

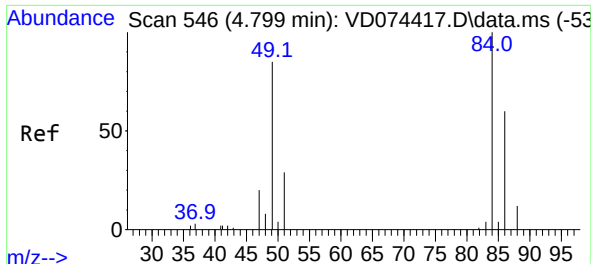
Tgt Ion:168 Resp: 59443
Ion Ratio Lower Upper
168 100
99 52.5 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Tgt Ion: 50 Resp: 216
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#



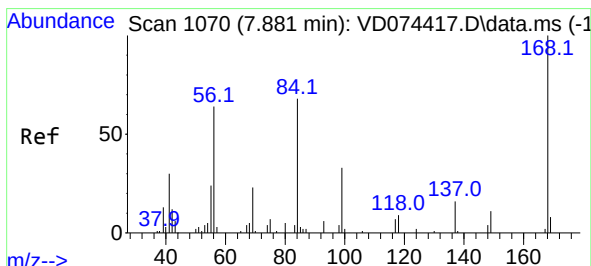
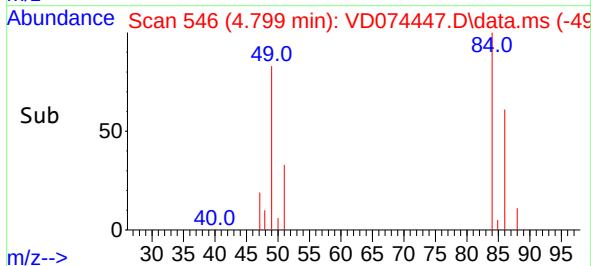
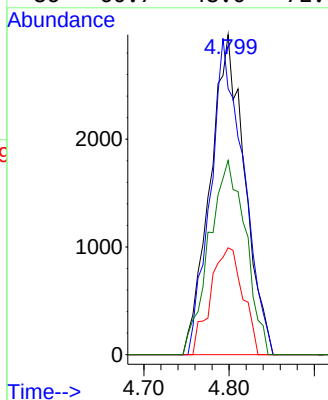
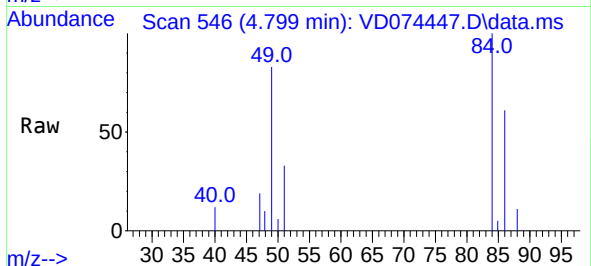


#20
Methylene Chloride
Concen: 4.833 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Instrument :
MSVOA_D
ClientSampleId :
TP3-0923

Tgt Ion: 84 Resp: 8396

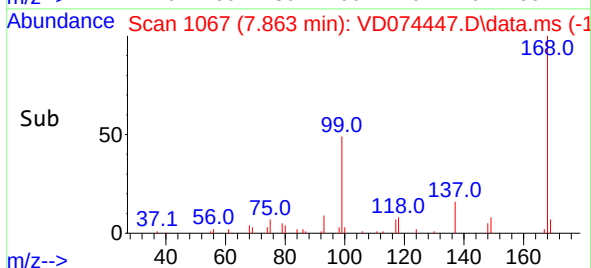
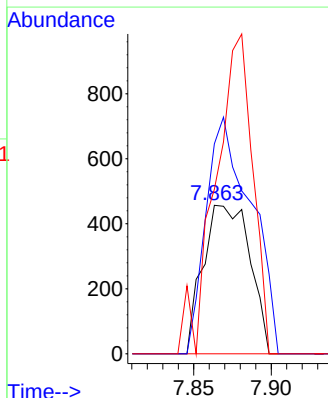
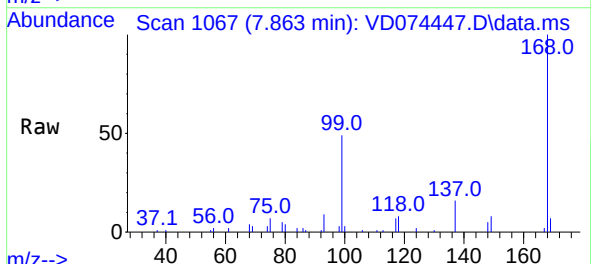
Ion	Ratio	Lower	Upper
84	100		
49	83.1	68.0	102.0
51	33.4	23.2	34.8
86	60.7	48.0	72.0

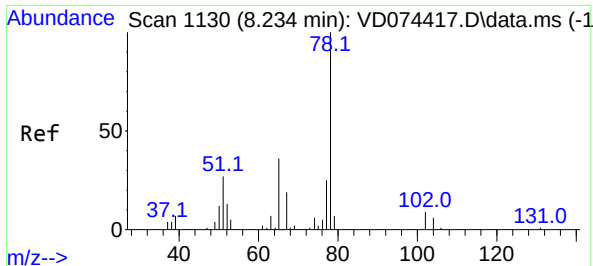


#31
Cyclohexane
Concen: 1.107 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.018 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Tgt Ion: 56 Resp: 962

Ion	Ratio	Lower	Upper
56	100		
69	141.4	29.2	43.8#
84	110.7	83.4	125.2





#33

1,2-Dichloroethane-d4

Concen: 50.093 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074447.D

Acq: 27 Sep 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

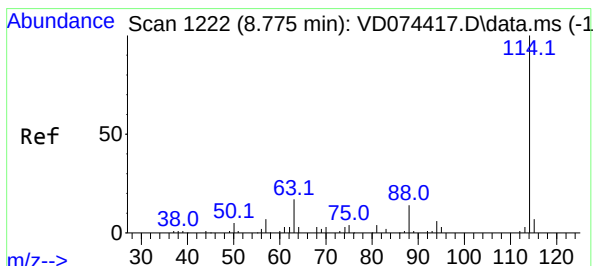
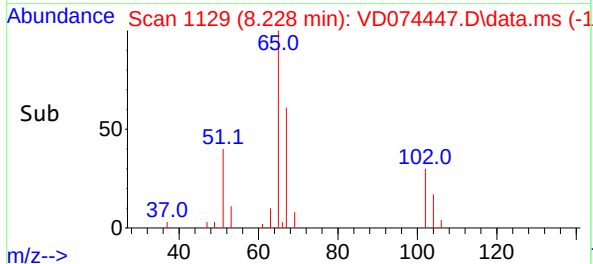
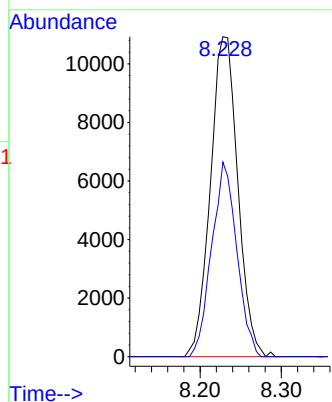
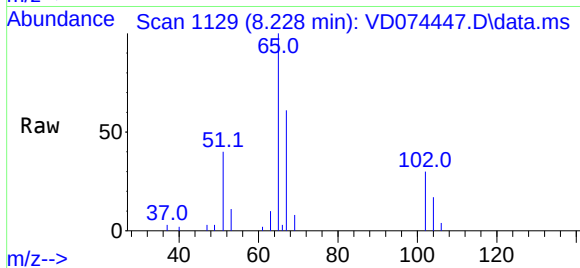
TP3-0923

Tgt Ion: 65 Resp: 25636

Ion Ratio Lower Upper

65 100

67 55.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD074447.D

Acq: 27 Sep 2022 16:08

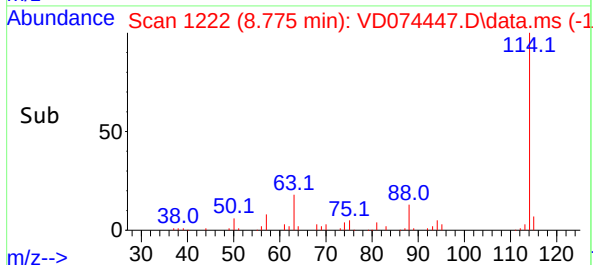
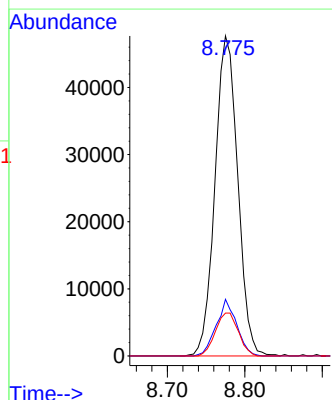
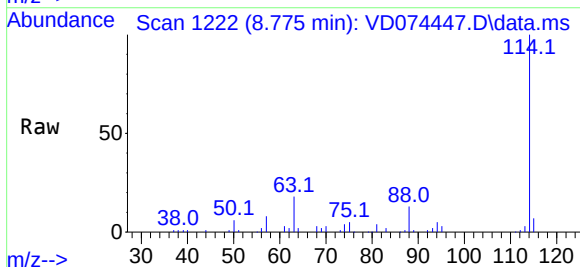
Tgt Ion: 114 Resp: 97184

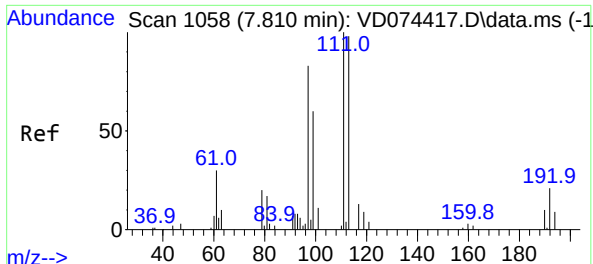
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.2

88 13.4 0.0 28.2





#35

Dibromofluoromethane

Concen: 52.992 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD074447.D

Acq: 27 Sep 2022 16:08

Instrument :

MSVOA_D

ClientSampleId :

TP3-0923

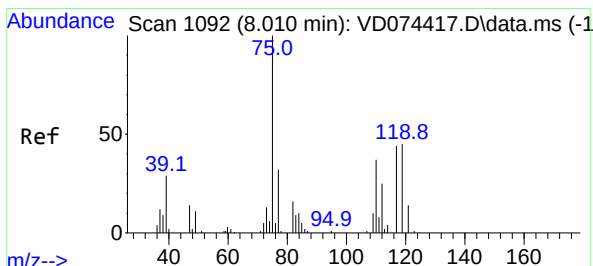
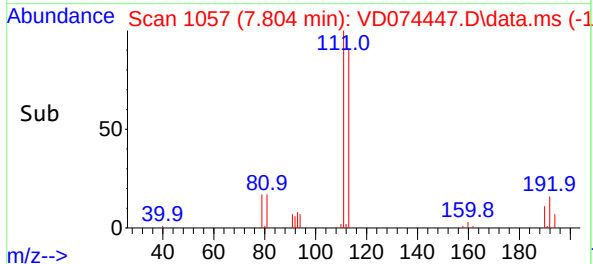
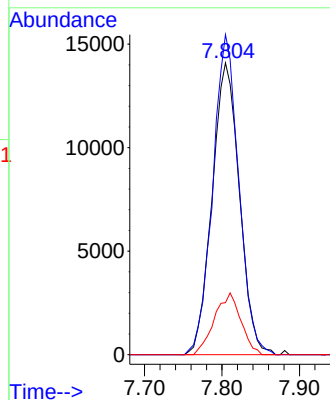
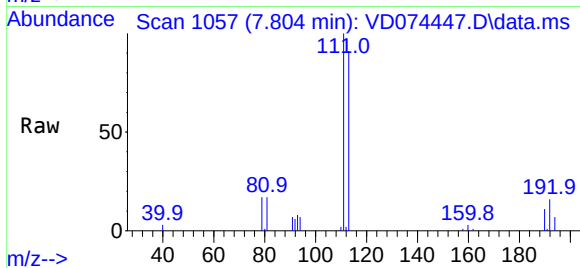
Tgt Ion:113 Resp: 34533

Ion Ratio Lower Upper

113 100

111 104.3 82.3 123.5

192 20.5 16.4 24.6



#36

1,1-Dichloropropene

Concen: 4.723 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

Lab File: VD074447.D

Acq: 27 Sep 2022 16:08

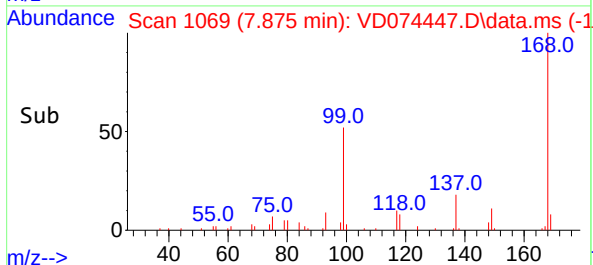
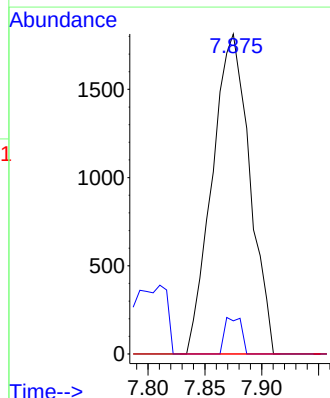
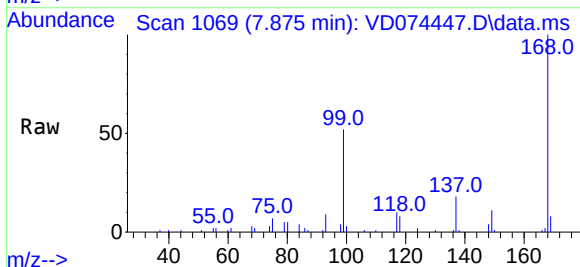
Tgt Ion: 75 Resp: 4168

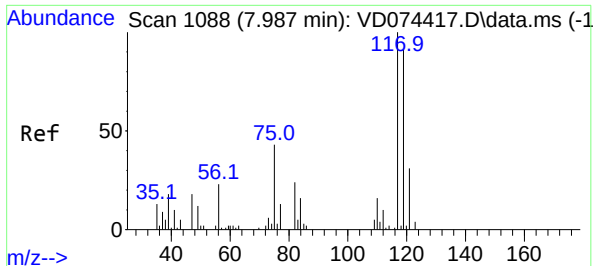
Ion Ratio Lower Upper

75 100

110 5.1 19.7 59.0#

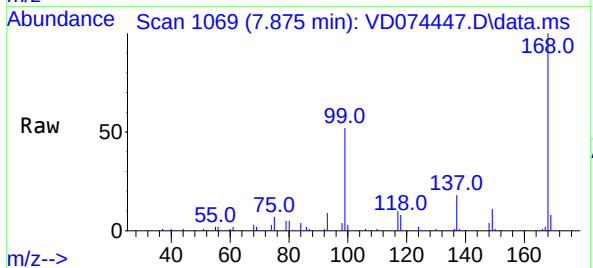
77 0.0 25.4 38.2#



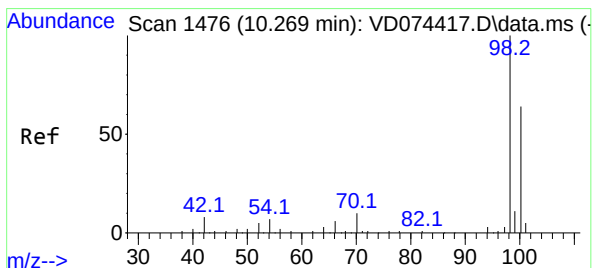
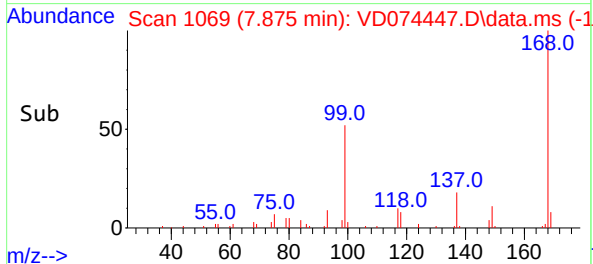
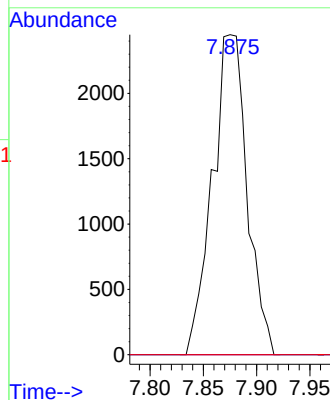


#38
Carbon Tetrachloride
Concen: 6.580 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Instrument :
MSVOA_D
ClientSampleId :
TP3-0923

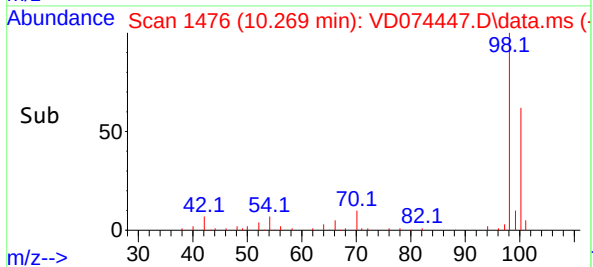
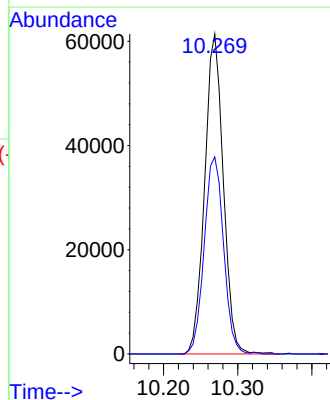
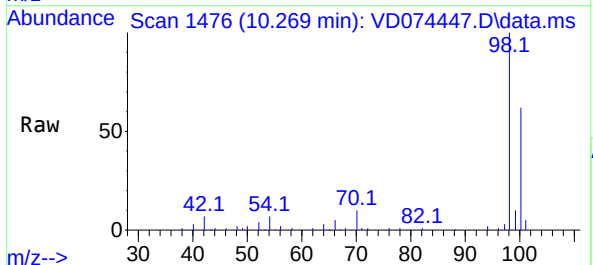


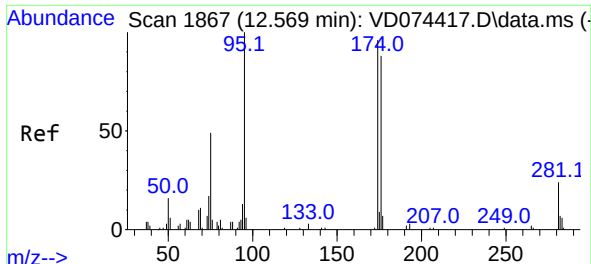
Tgt Ion:117 Resp: 5557
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 48.552 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Tgt Ion: 98 Resp: 107303
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0

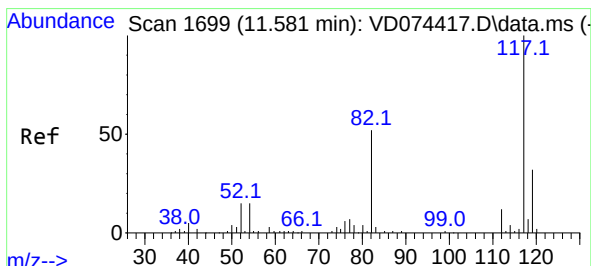
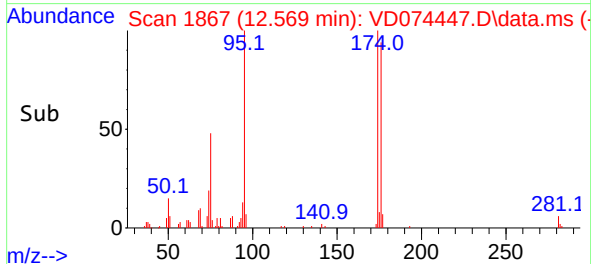
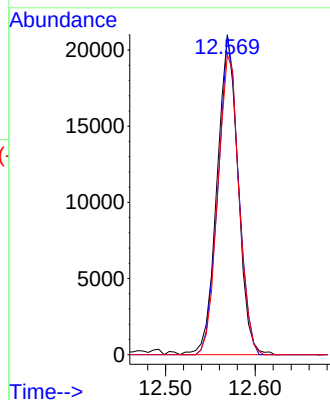
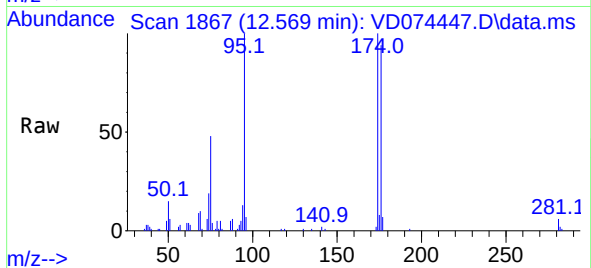




#62
4-Bromofluorobenzene
Concen: 43.242 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

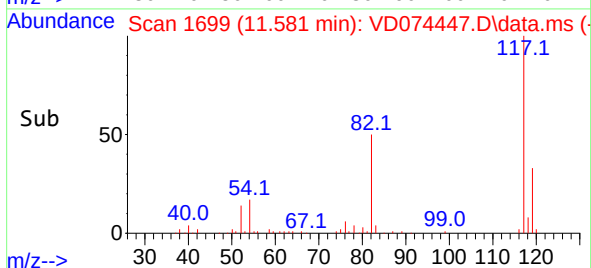
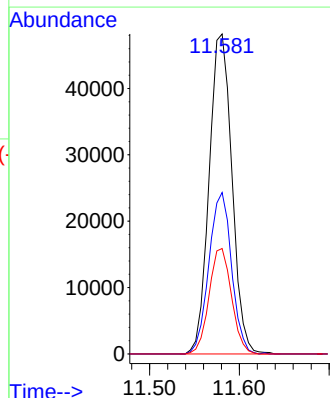
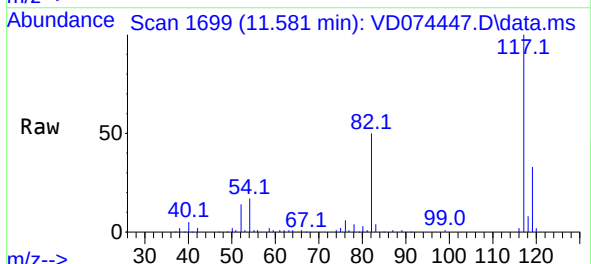
Instrument :
MSVOA_D
ClientSampleId :
TP3-0923

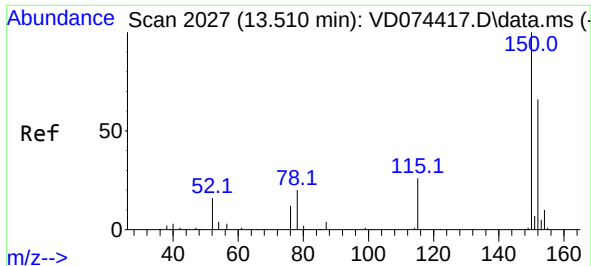
Tgt Ion:	95	Resp:	33987
Ion	Ratio	Lower	Upper
95	100		
174	96.7	0.0	197.0
176	94.3	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

Tgt Ion:	117	Resp:	85187
Ion	Ratio	Lower	Upper
117	100		
82	50.4	41.6	62.4
119	33.0	25.2	37.8

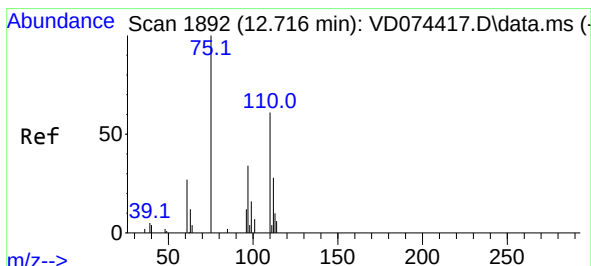
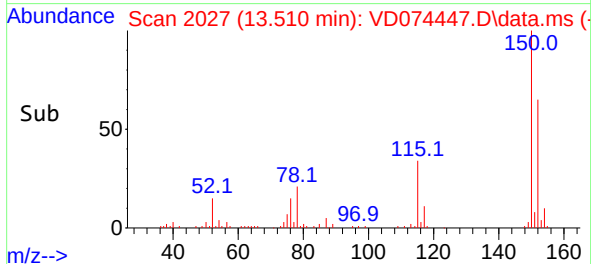
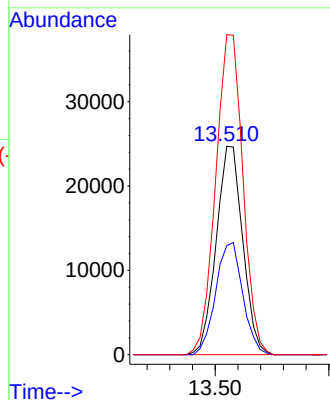
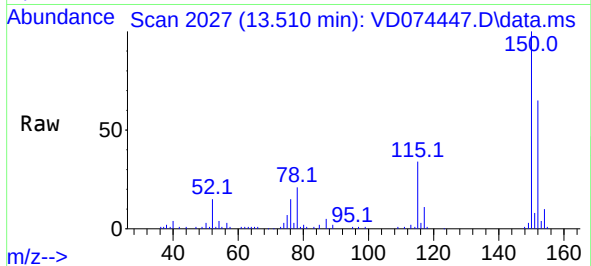




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

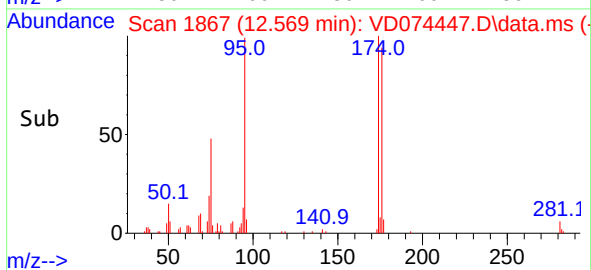
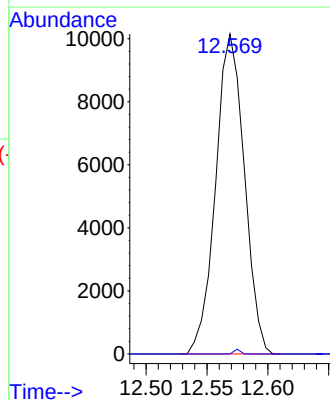
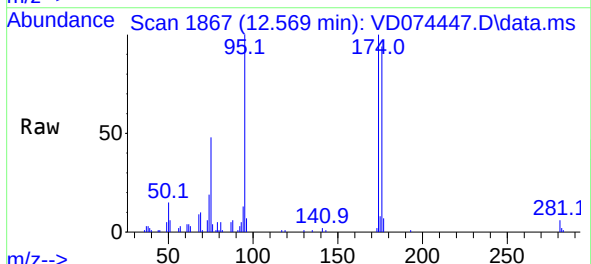
Instrument :
MSVOA_D
ClientSampleId :
TP3-0923

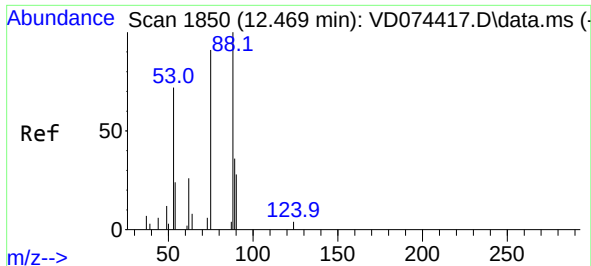
Tgt Ion:152 Resp: 40187
Ion Ratio Lower Upper
152 100
115 54.7 26.8 80.4
150 157.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 52.959 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074447.D
Acq: 27 Sep 2022 16:08

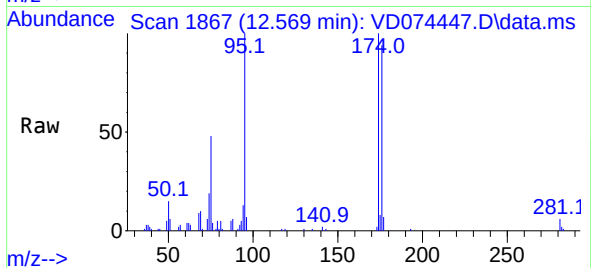
Tgt Ion: 75 Resp: 16646
Ion Ratio Lower Upper
75 100
77 0.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.231 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074447.D
 Acq: 27 Sep 2022 16:08

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3-0923



Tgt Ion:	75	Resp:	16646
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

