

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110322\
 Data File : VD074717.D
 Acq On : 03 Nov 2022 16:04
 Operator : VA/SY
 Sample : N5396-10
 Misc : 4.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-G

Quant Time: Nov 04 00:02:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

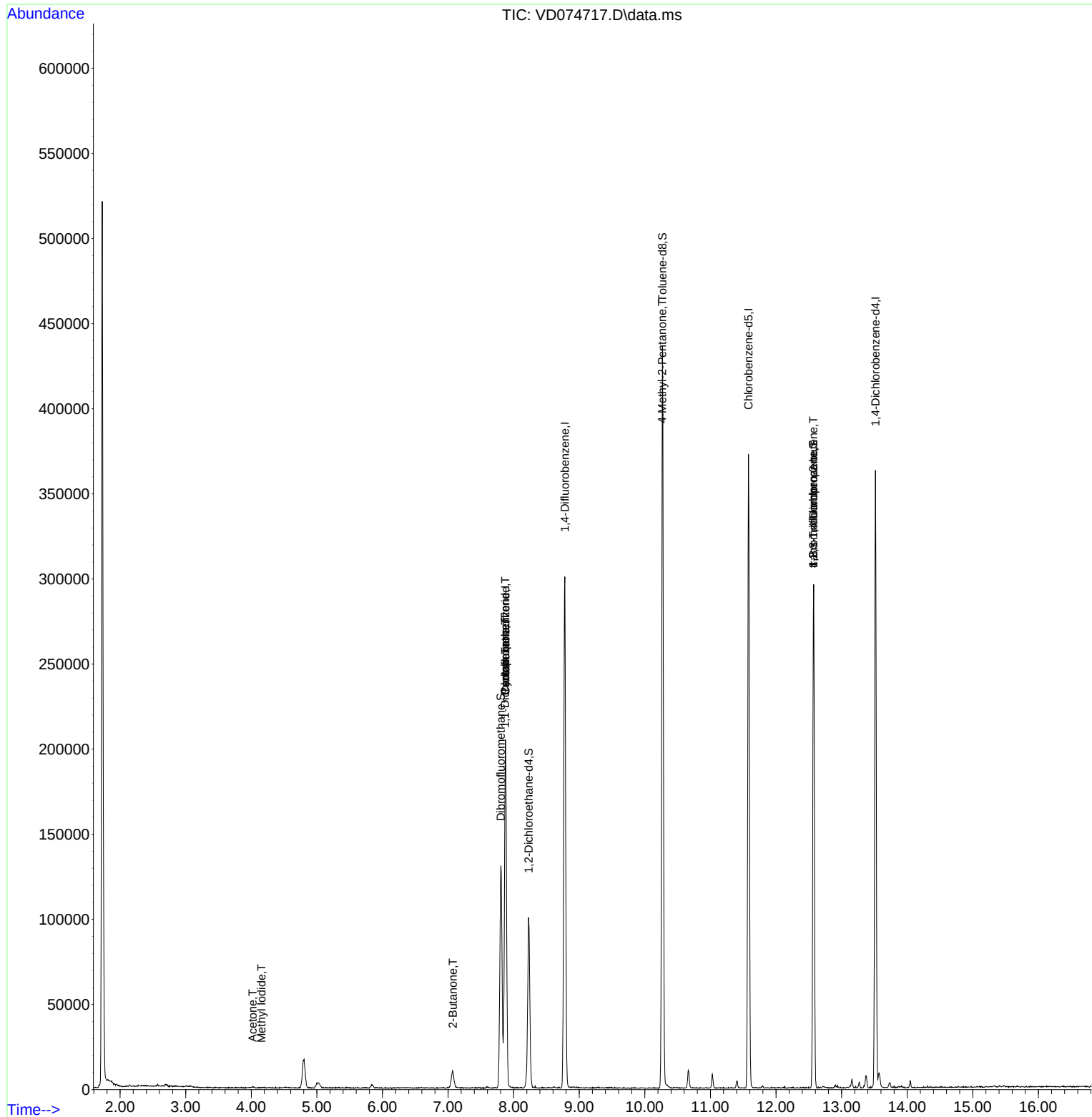
Internal Standards						
1) Pentafluorobenzene	7.875	168	166244	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	285485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	229308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75953	57.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.380%	
35) Dibromofluoromethane	7.804	113	97389	57.669	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.340%	
50) Toluene-d8	10.269	98	308041	50.006	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	12.569	95	92613	52.070	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.140%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.157	142	300	5.673	ug/l #	43
11) Tert butyl alcohol	5.022	59	3598	Below Cal	#	84
16) Acetone	4.022	43	1196	4.353	ug/l #	37
20) Methylene Chloride	4.804	84	14720	Below Cal	#	83
25) 2-Butanone	7.075	43	657	1.739	ug/l #	42
31) Cyclohexane	7.875	56	2670	1.002	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	11280	4.400	ug/l #	47
38) Carbon Tetrachloride	7.875	117	15800	6.506	ug/l #	18
51) 4-Methyl-2-Pentanone	10.263	43	938	1.216	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	44647	56.338	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	44647	133.733	ug/l #	17

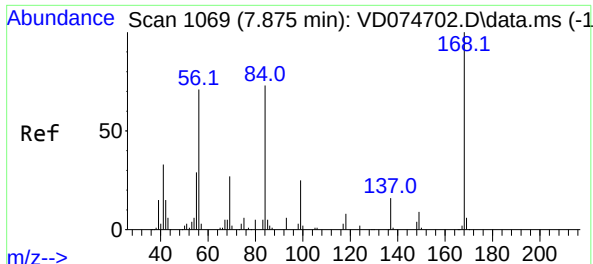
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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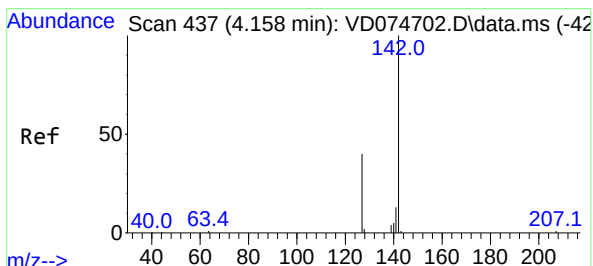
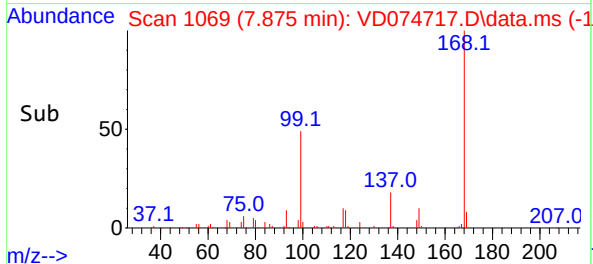
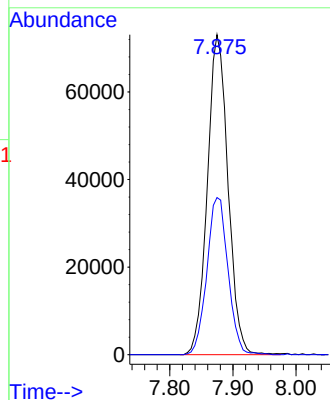
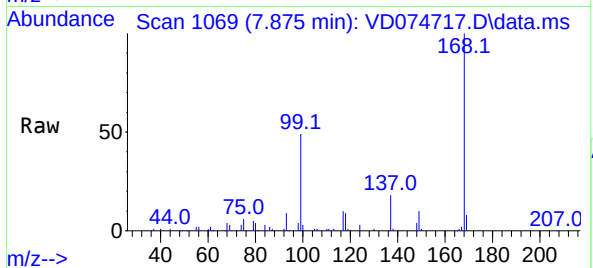




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

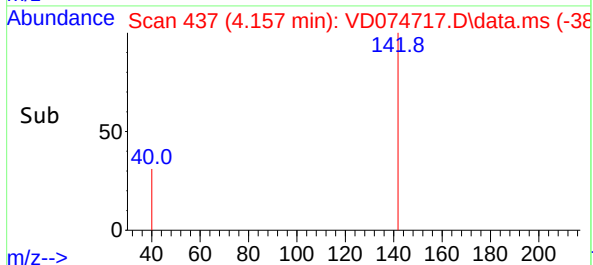
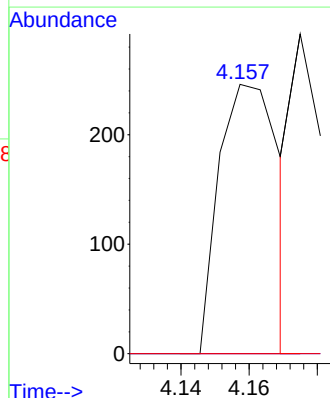
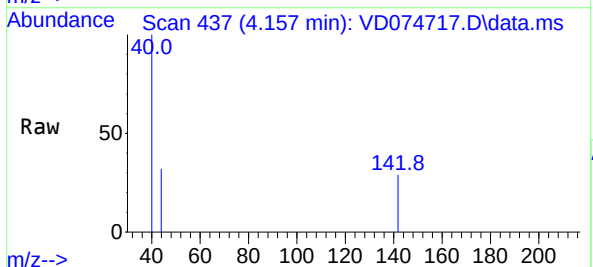
Instrument :
MSVOA_D
ClientSampleId :
TP-G

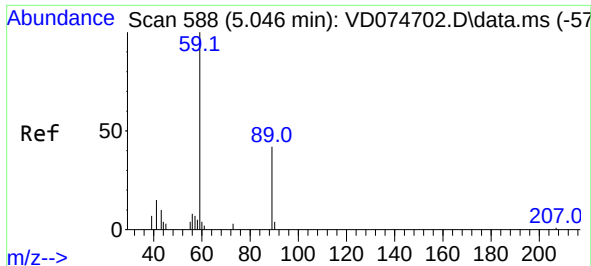
Tgt Ion:168 Resp: 166244
Ion Ratio Lower Upper
168 100
99 49.1 40.9 61.3



#10
Methyl Iodide
Concen: 5.673 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Tgt Ion:142 Resp: 300
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: 5.022 min Scan# 51

Delta R.T. -0.024 min

Lab File: VD074717.D

Acq: 03 Nov 2022 16:04

Instrument :

MSVOA_D

ClientSampleId :

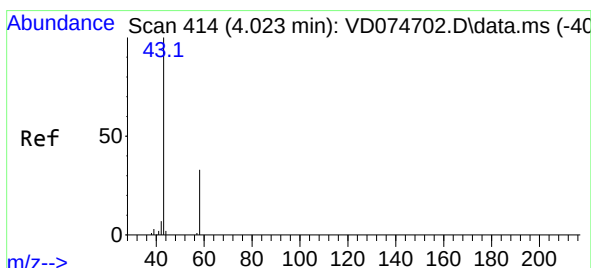
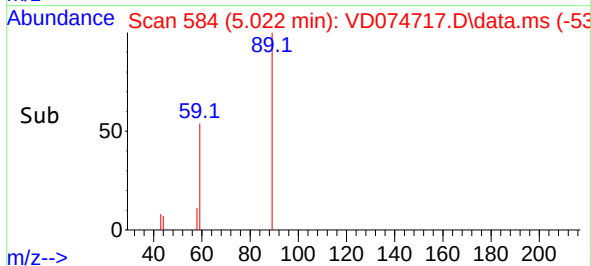
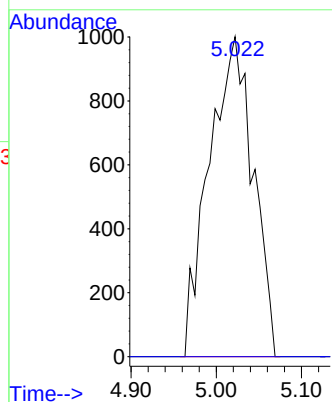
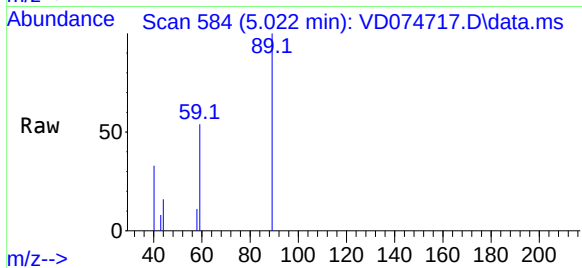
TP-G

Tgt Ion: 59 Resp: 3598

Ion Ratio Lower Upper

59 100

57 0.0 4.4 6.6#



#16

Acetone

Concen: 4.353 ug/l

RT: 4.022 min Scan# 414

Delta R.T. -0.001 min

Lab File: VD074717.D

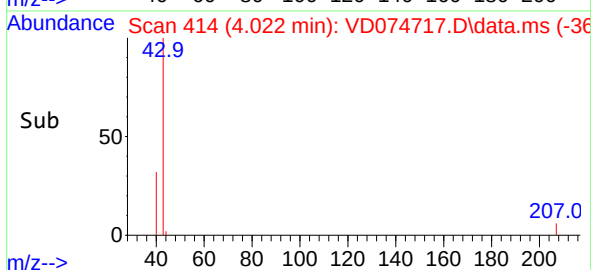
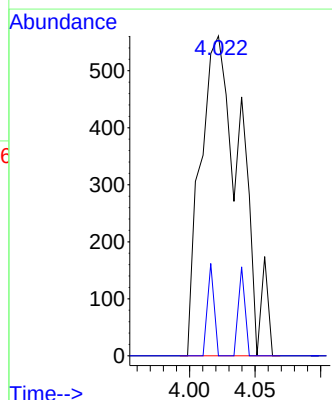
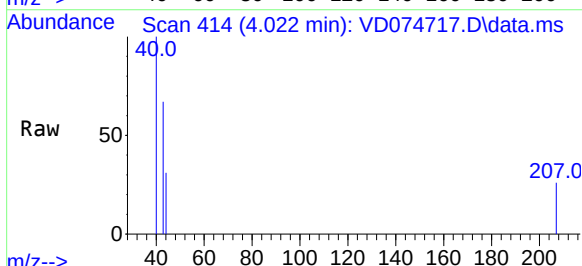
Acq: 03 Nov 2022 16:04

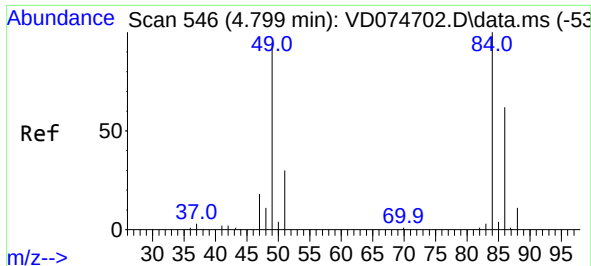
Tgt Ion: 43 Resp: 1196

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



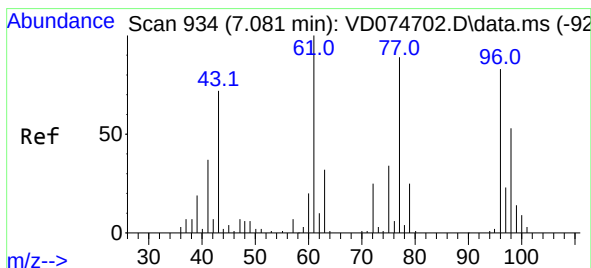
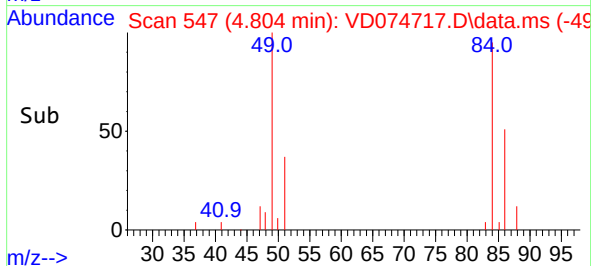
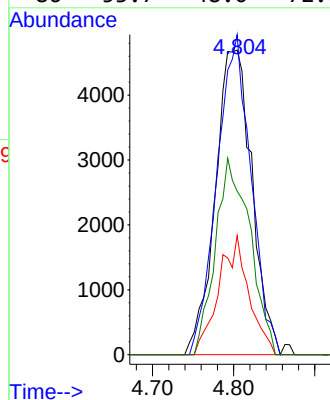
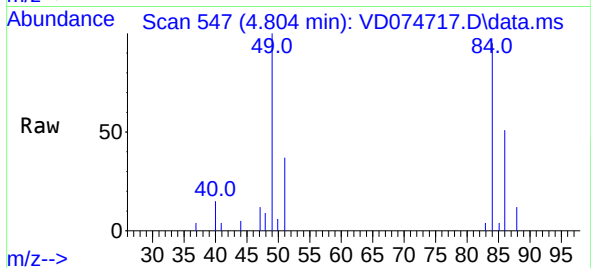


#20
Methylene Chloride
Concen: Below Cal
RT: 4.804 min Scan# 54
Delta R.T. 0.005 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :
TP-G

Tgt Ion: 84 Resp: 14720

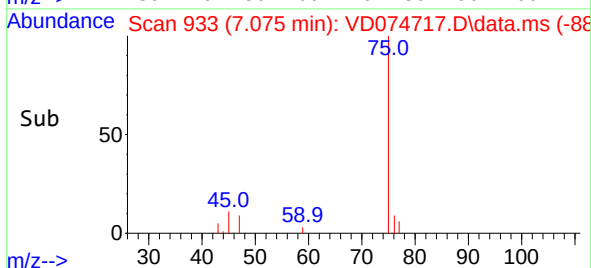
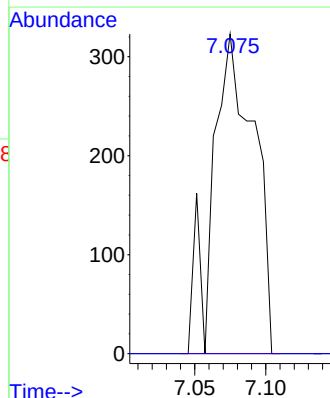
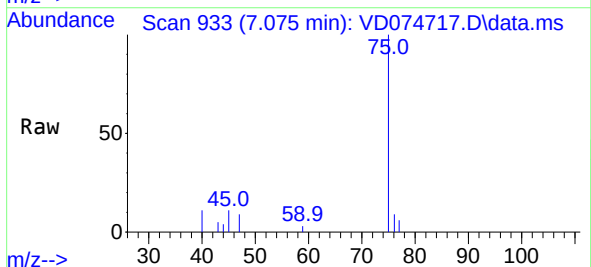
Ion	Ratio	Lower	Upper
84	100		
49	105.0	68.0	102.0#
51	39.1	23.2	34.8#
86	53.7	48.0	72.0

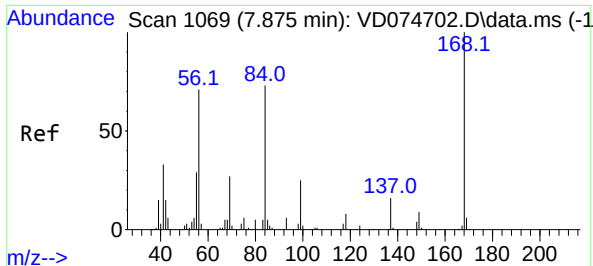


#25
2-Butanone
Concen: 1.739 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Tgt Ion: 43 Resp: 657

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.8	38.8#

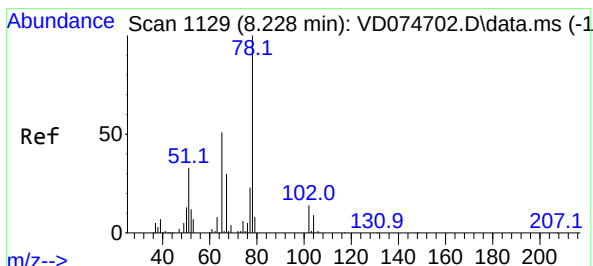
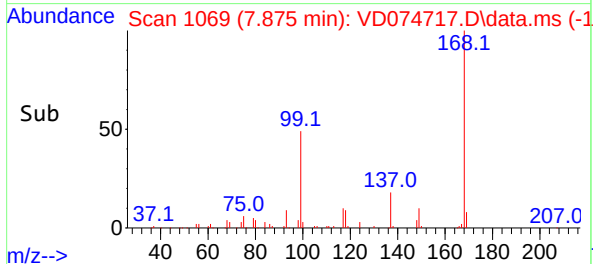
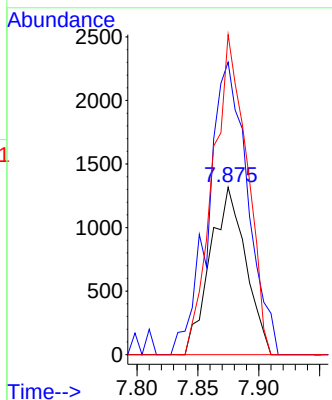
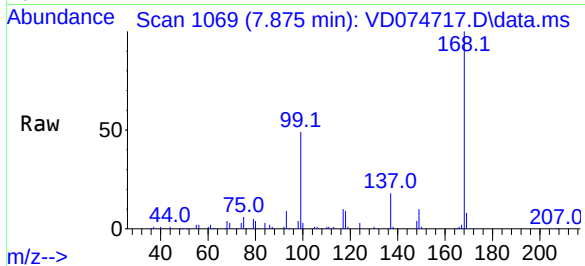




#31
Cyclohexane
Concen: 1.002 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

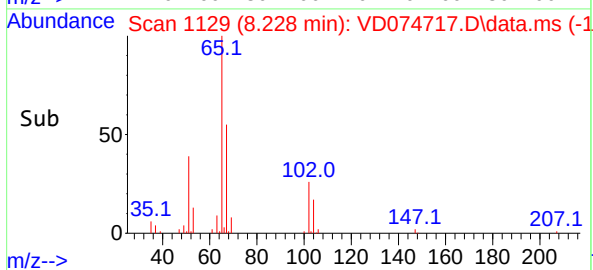
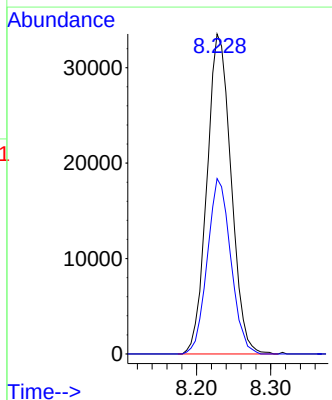
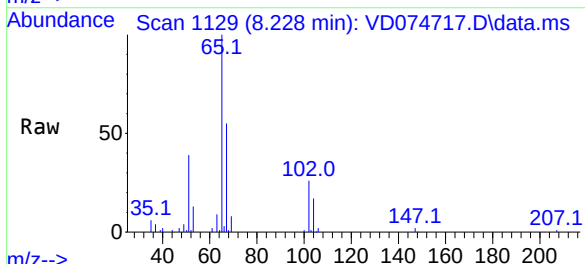
Instrument :
MSVOA_D
ClientSampleId :
TP-G

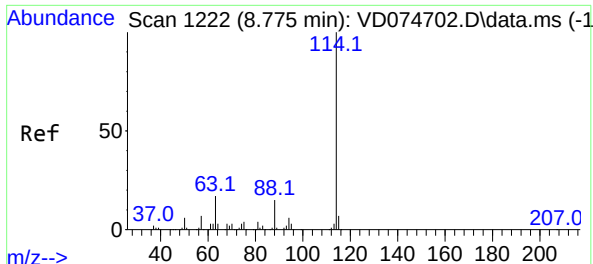
Tgt Ion: 56 Resp: 2670
Ion Ratio Lower Upper
56 100
69 174.8 29.2 43.8#
84 191.2 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 57.685 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Tgt Ion: 65 Resp: 75953
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074717.D

Acq: 03 Nov 2022 16:04

Instrument :

MSVOA_D

ClientSampleId :

TP-G

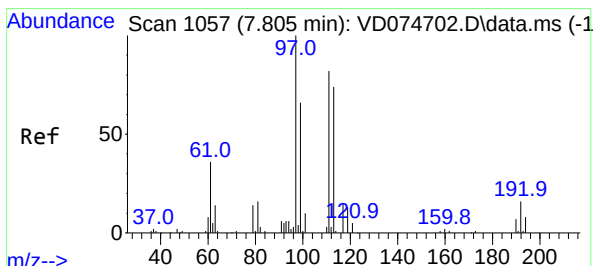
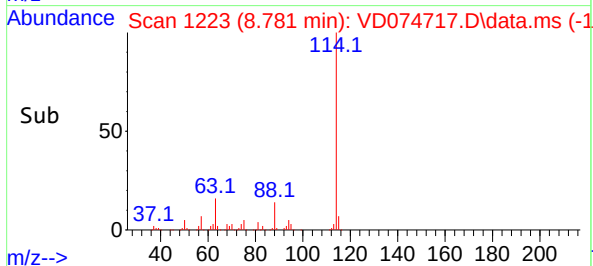
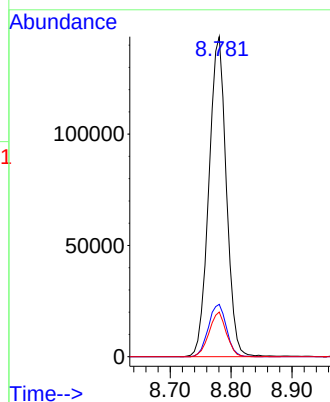
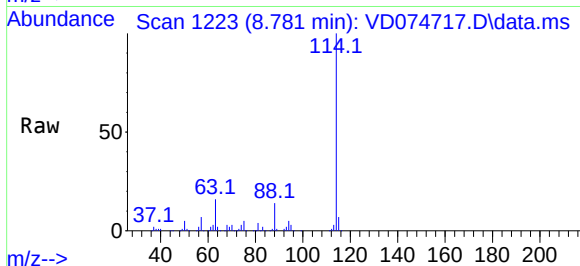
Tgt Ion:114 Resp: 285485

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.9 0.0 28.2



#35

Dibromofluoromethane

Concen: 57.669 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074717.D

Acq: 03 Nov 2022 16:04

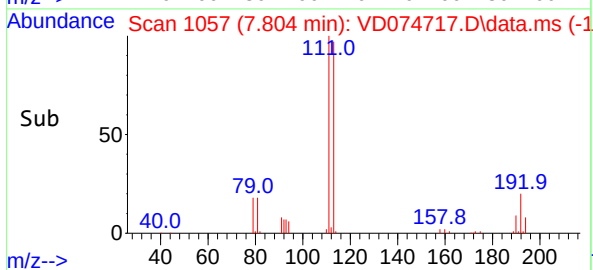
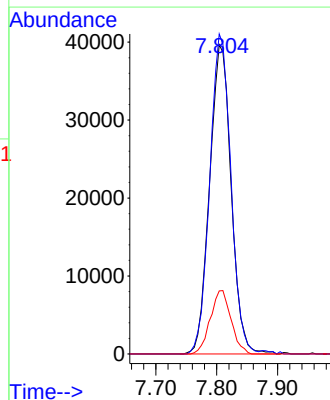
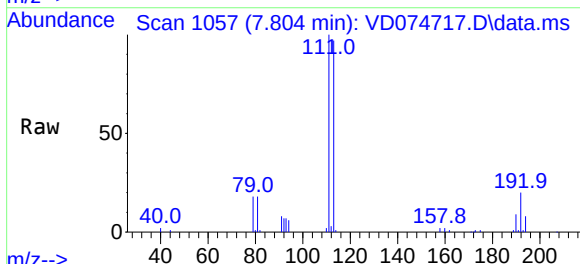
Tgt Ion:113 Resp: 97389

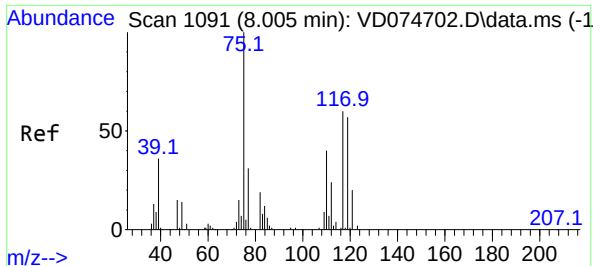
Ion Ratio Lower Upper

113 100

111 101.4 82.3 123.5

192 19.7 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.400 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD074717.D

Acq: 03 Nov 2022 16:04

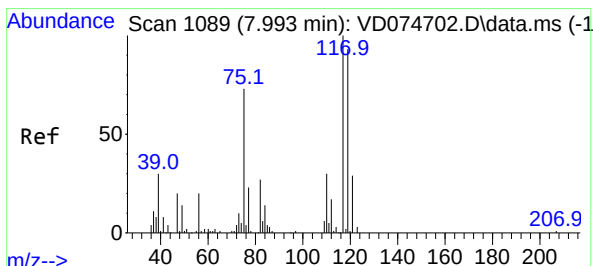
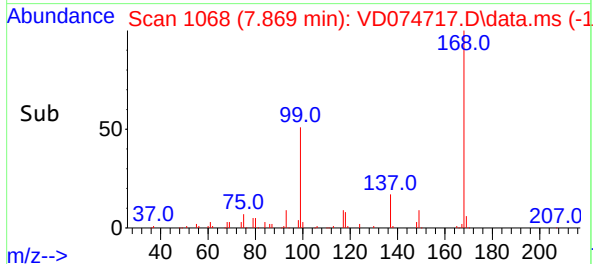
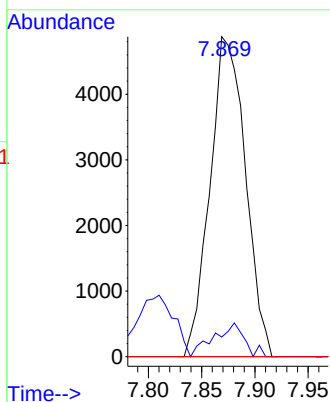
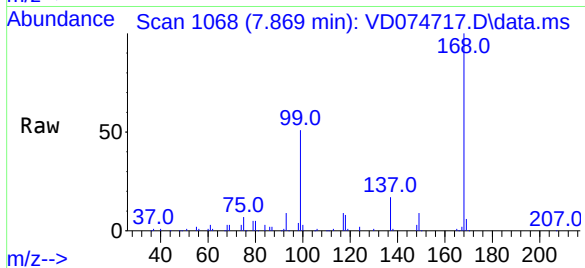
Instrument :

MSVOA_D

ClientSampleId :

TP-G

Tgt Ion:	75	Resp:	11280
Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.7	59.0#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 6.506 ug/l

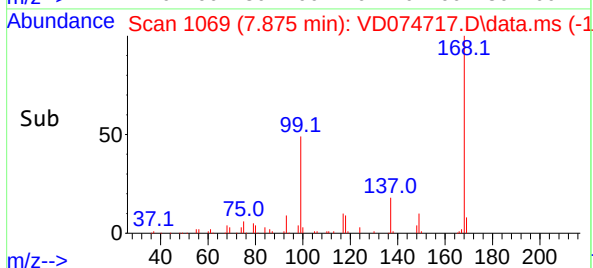
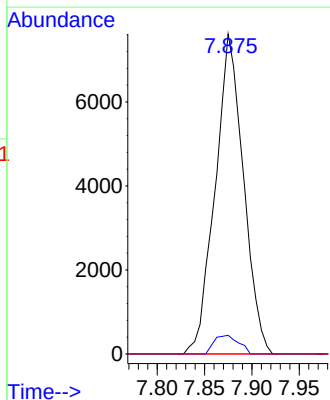
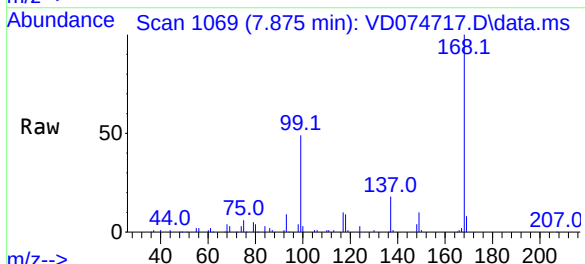
RT: 7.875 min Scan# 1069

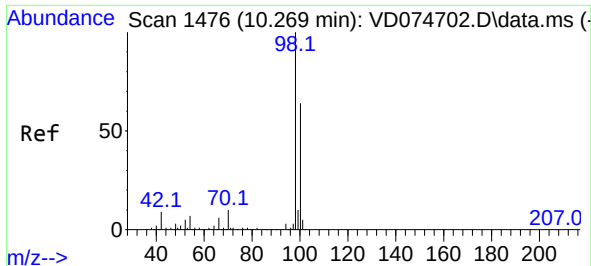
Delta R.T. -0.118 min

Lab File: VD074717.D

Acq: 03 Nov 2022 16:04

Tgt Ion:	117	Resp:	15800
Ion	Ratio	Lower	Upper
117	100		
119	5.8	73.1	109.7#
121	0.0	25.0	37.6#

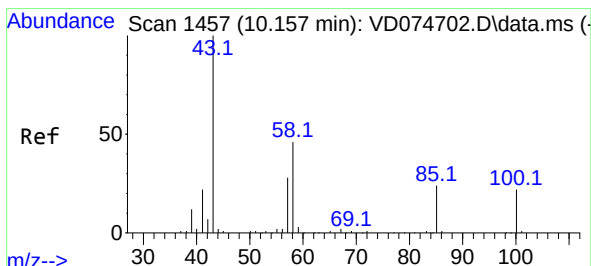
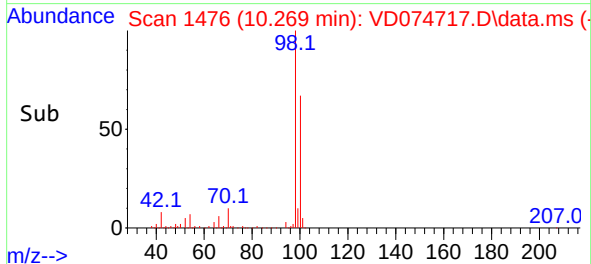
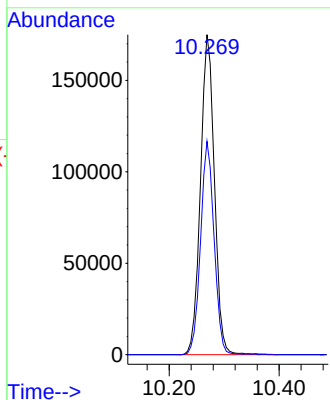
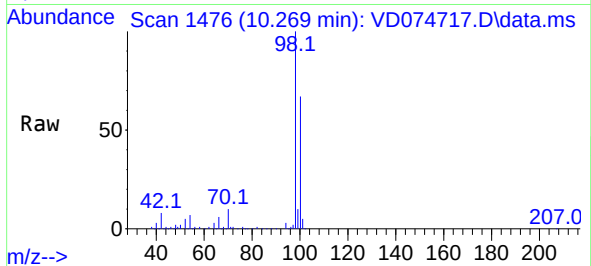




#50
Toluene-d8
Concen: 50.006 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

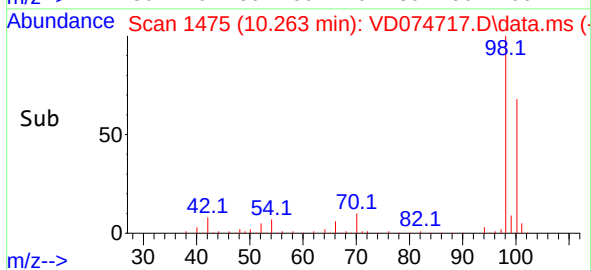
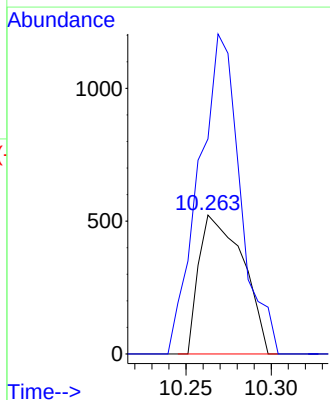
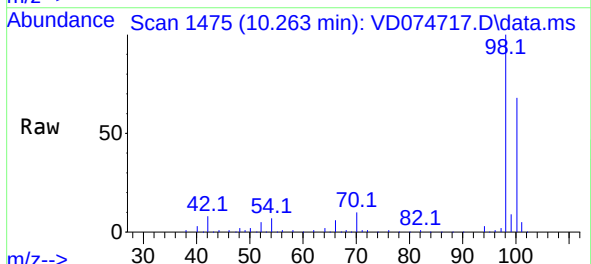
Instrument :
MSVOA_D
ClientSampleId :
TP-G

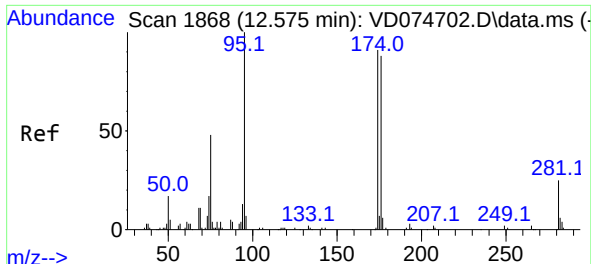
Tgt Ion: 98 Resp: 308041
Ion Ratio Lower Upper
98 100
100 64.7 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.216 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Tgt Ion: 43 Resp: 938
Ion Ratio Lower Upper
43 100
58 217.7 37.8 56.6#

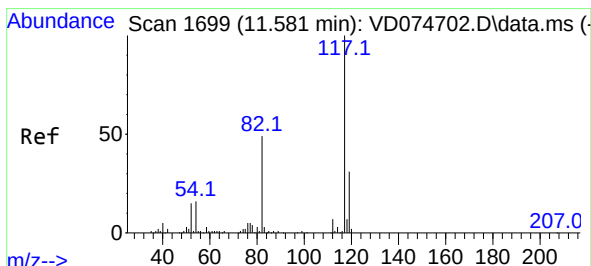
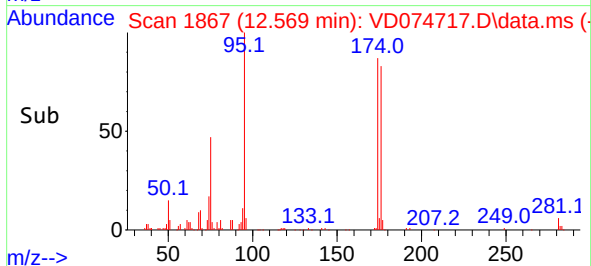
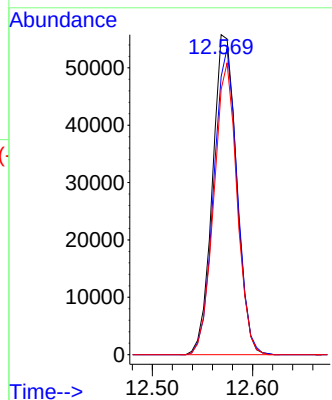
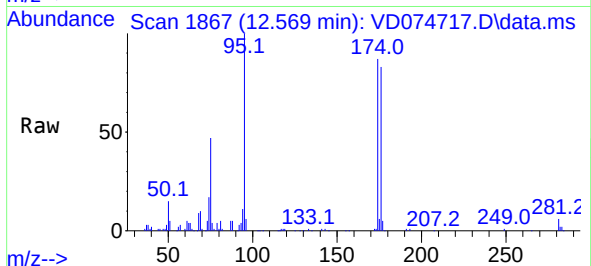




#62
4-Bromofluorobenzene
Concen: 52.070 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

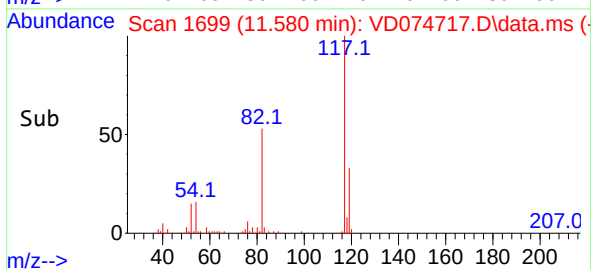
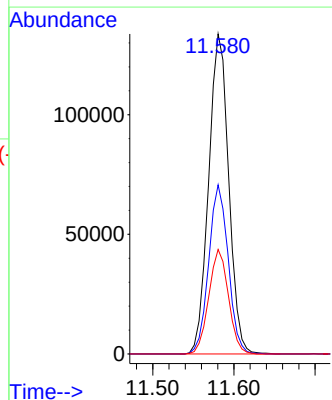
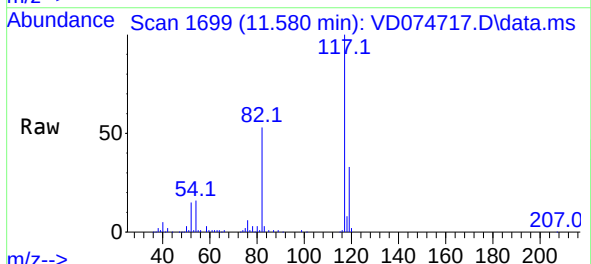
Instrument :
MSVOA_D
ClientSampleId :
TP-G

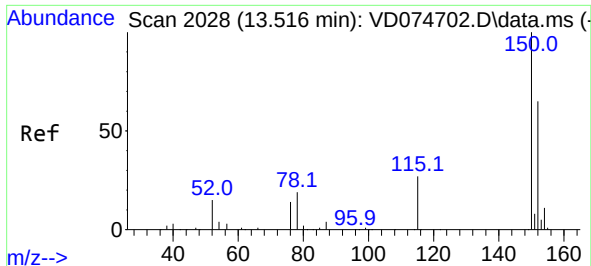
Tgt Ion:	95	Resp:	92613
Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	197.0
176	87.6	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Tgt Ion:	117	Resp:	229308
Ion	Ratio	Lower	Upper
117	100		
82	52.9	41.6	62.4
119	32.6	25.2	37.8

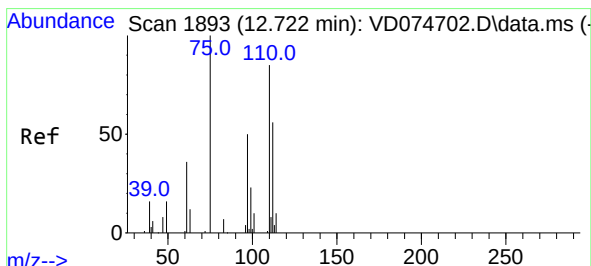
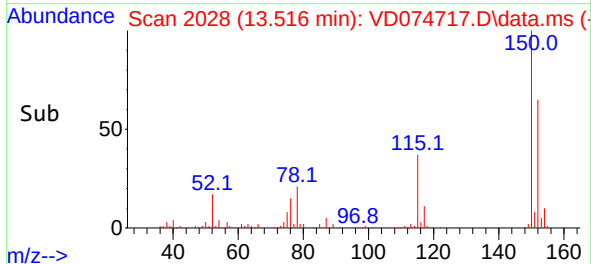
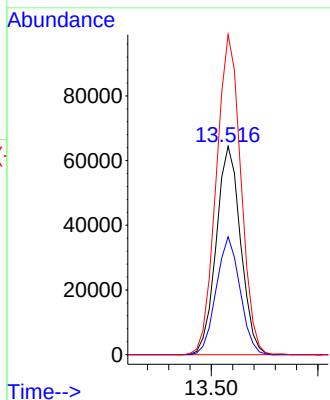
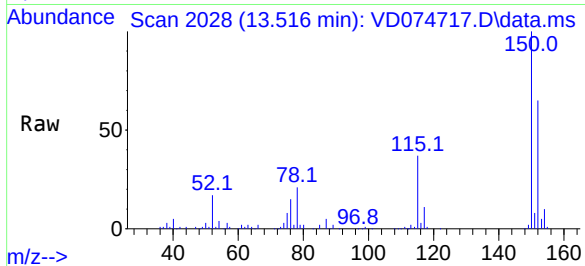




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

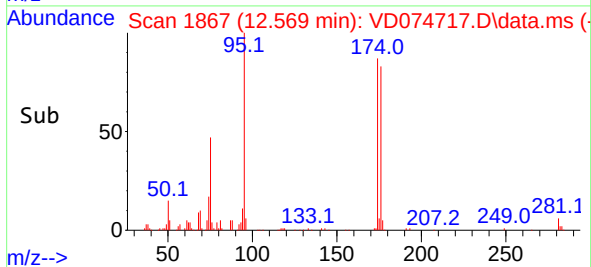
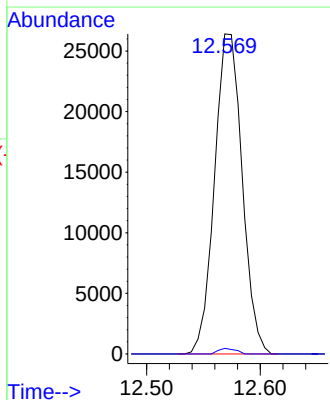
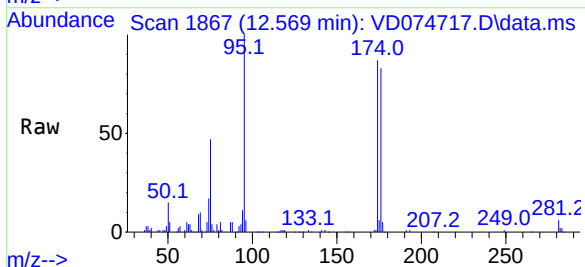
Instrument :
MSVOA_D
ClientSampleId :
TP-G

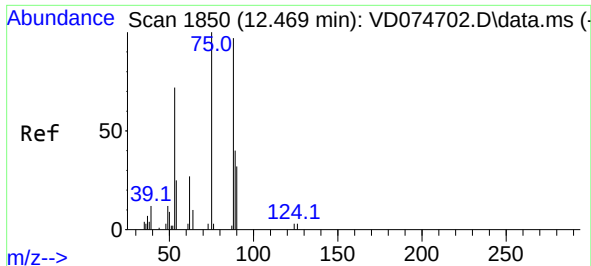
Tgt Ion:152 Resp: 102229
Ion Ratio Lower Upper
152 100
115 55.2 26.8 80.4
150 155.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 56.338 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

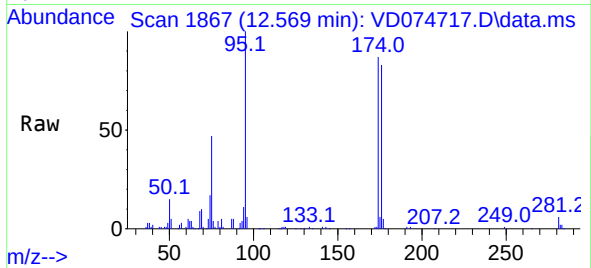
Tgt Ion: 75 Resp: 44647
Ion Ratio Lower Upper
75 100
77 1.1 185.8 557.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.733 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD074717.D
Acq: 03 Nov 2022 16:04

Instrument :
MSVOA_D
ClientSampleId :
TP-G



Tgt Ion: 75 Resp: 44647
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

