

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
 Data File : VD076492.D
 Acq On : 20 Jun 2023 15:16
 Operator : KP/SY
 Sample : 03310-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW11-GW-968-970

Quant Time: Jun 20 15:30:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	143386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	242883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	79223	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71773	49.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.804	113	71085	49.266	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.540%
50) Toluene-d8	10.269	98	264800	48.391	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.575	95	72194	40.651	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.300%

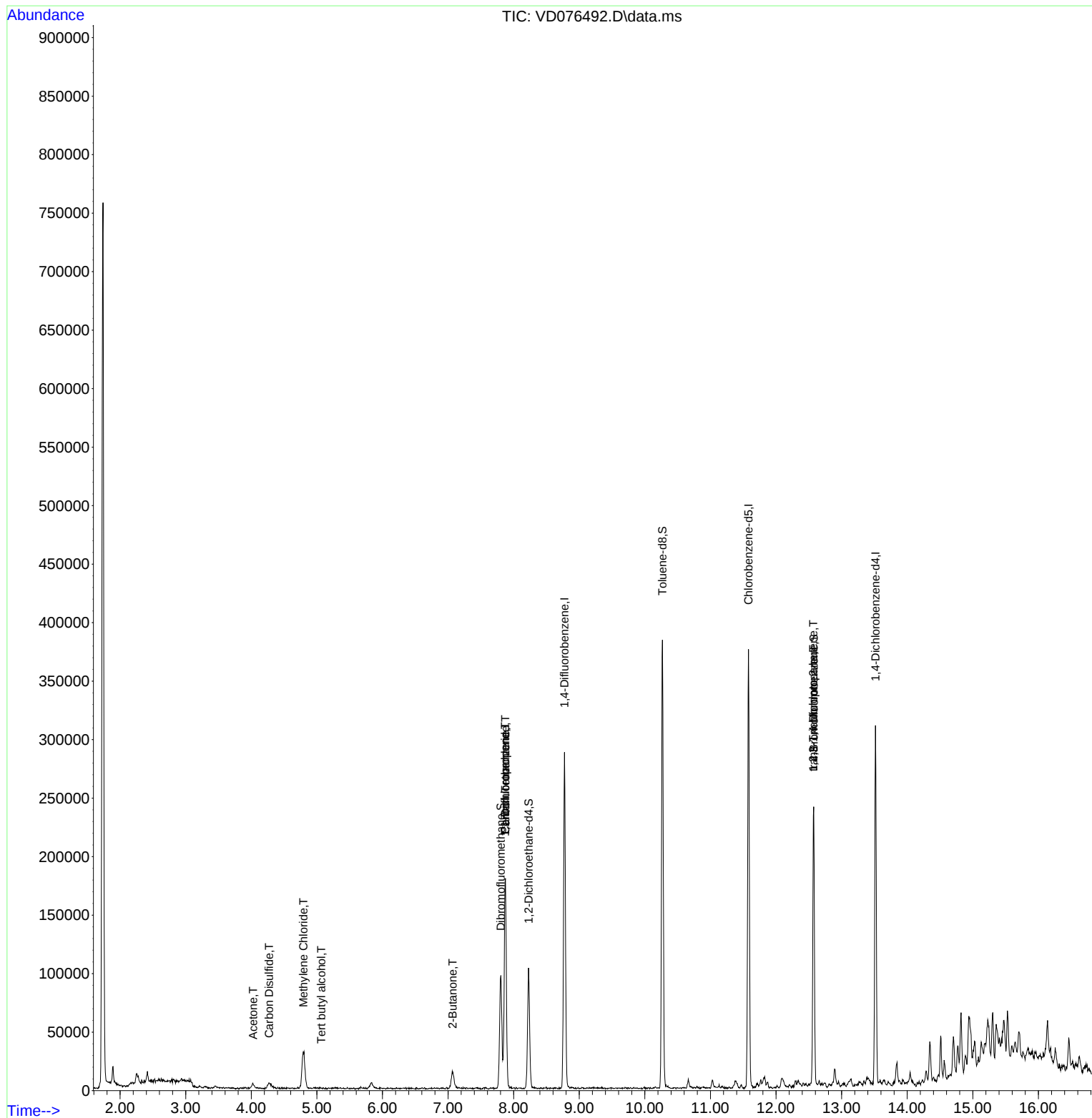
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.069	59	606	4.886	ug/l #	59
16) Acetone	4.028	43	6627	19.385	ug/l #	85
17) Carbon Disulfide	4.269	76	7080	1.975	ug/l	97
20) Methylene Chloride	4.793	84	23361	5.237	ug/l #	77
25) 2-Butanone	7.069	43	629	1.190	ug/l #	37
28) Bromochloromethane	7.293	49	86	Below Cal	#	1
36) 1,1-Dichloropropene	7.869	75	10198	5.047	ug/l #	45
38) Carbon Tetrachloride	7.875	117	14444	7.998	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	37829	48.112	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	37829	105.424	ug/l #	17

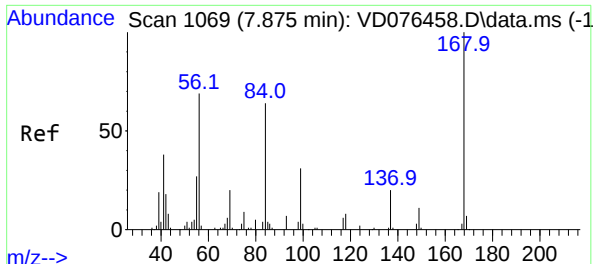
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062023\
Data File : VD076492.D
Acq On : 20 Jun 2023 15:16
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Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-968-970

Quant Time: Jun 20 15:30:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

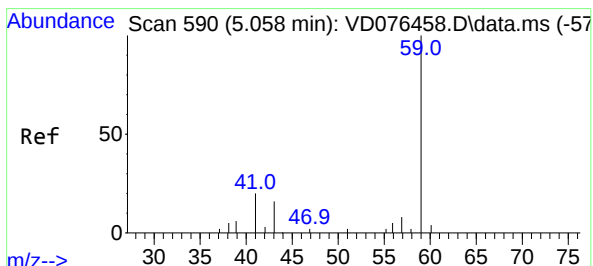
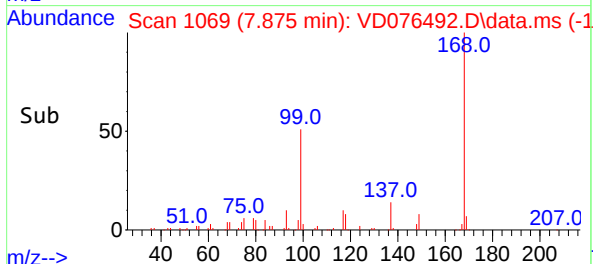
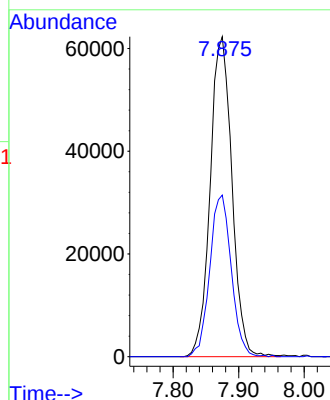
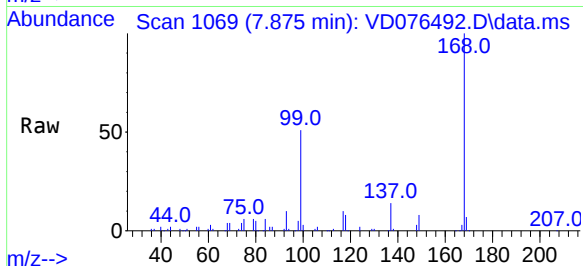




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

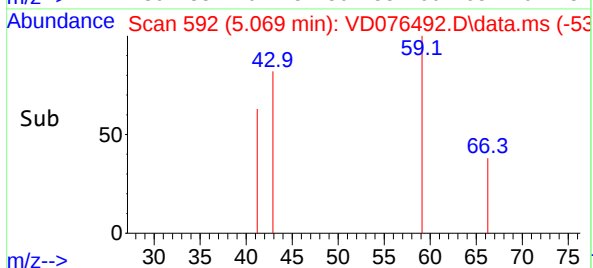
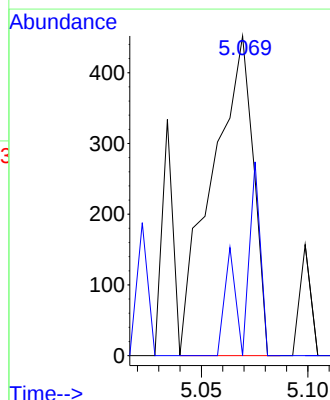
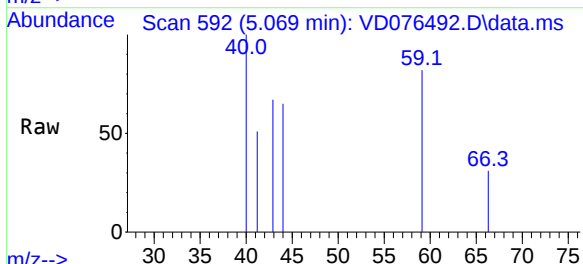
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-968-970

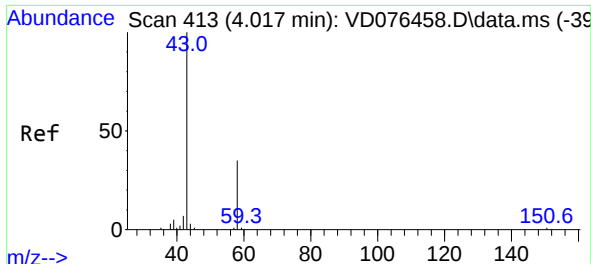
Tgt Ion:168 Resp: 143386
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1



#11
Tert butyl alcohol
Concen: 4.886 ug/l
RT: 5.069 min Scan# 592
Delta R.T. 0.012 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 24.9 7.8 11.8#

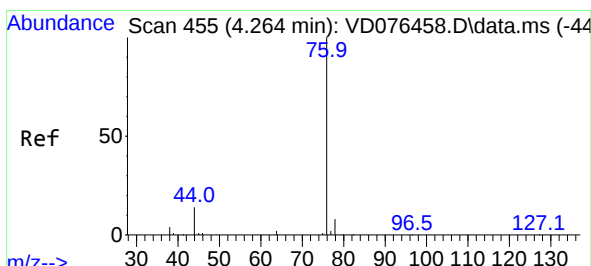
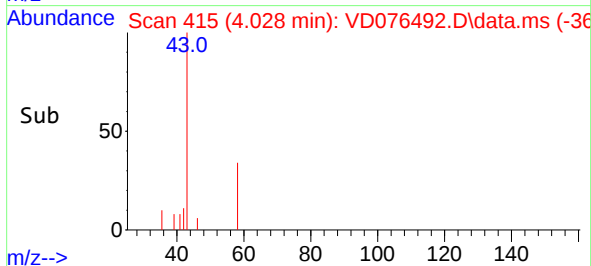
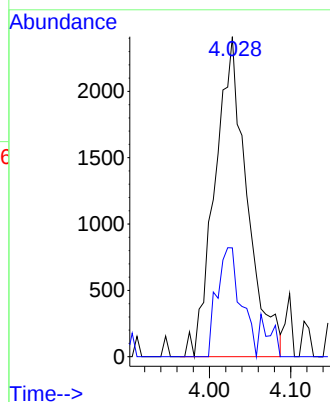
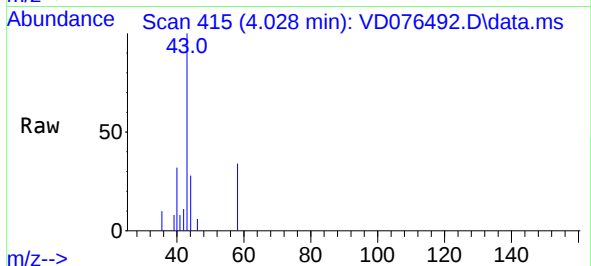




#16
Acetone
Concen: 19.385 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

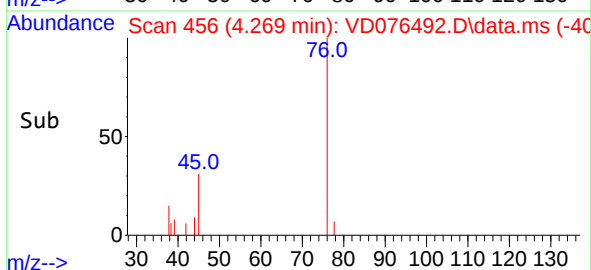
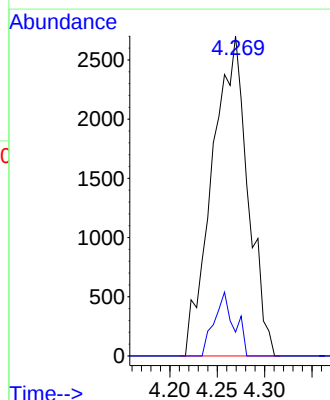
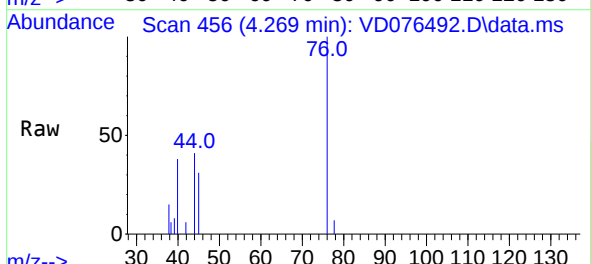
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-968-970

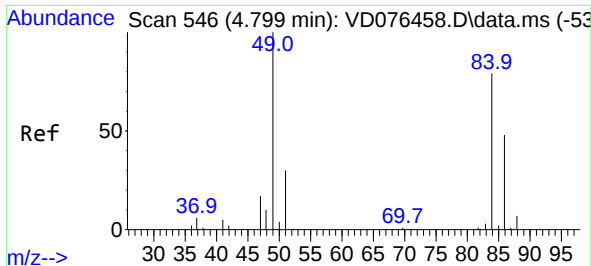
Tgt Ion: 43 Resp: 6627
Ion Ratio Lower Upper
43 100
58 34.0 34.7 52.1#



#17
Carbon Disulfide
Concen: 1.975 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Tgt Ion: 76 Resp: 7080
Ion Ratio Lower Upper
76 100
78 7.4 6.8 10.2

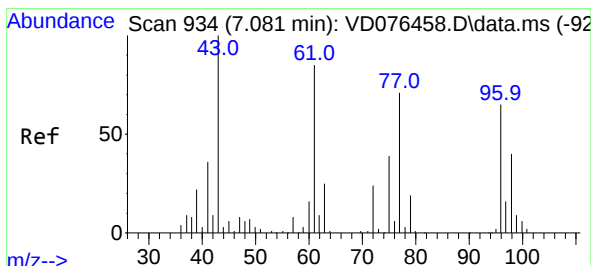
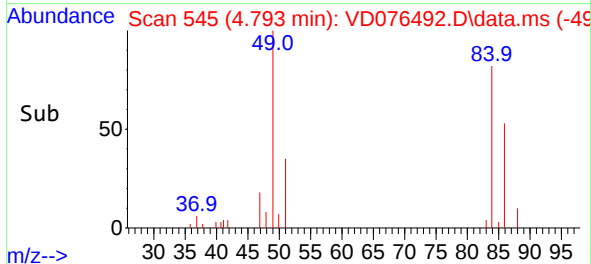
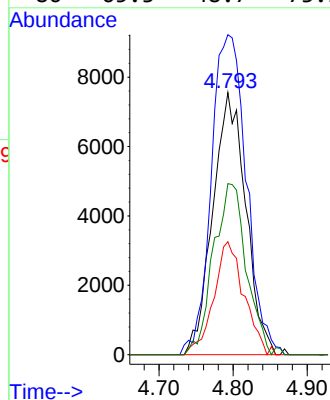
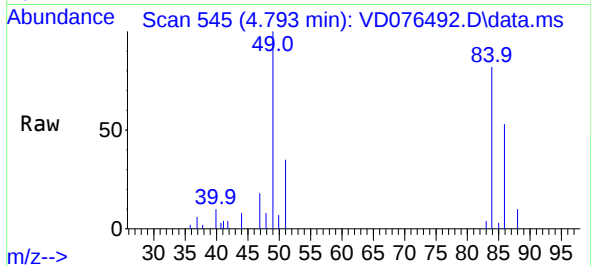




#20
Methylene Chloride
Concen: 5.237 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

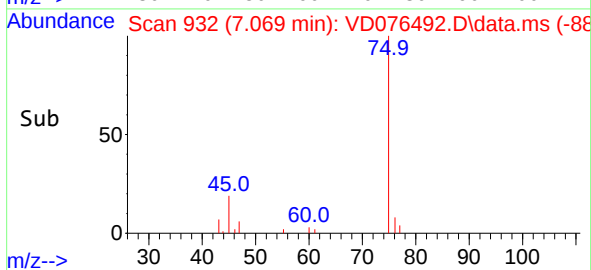
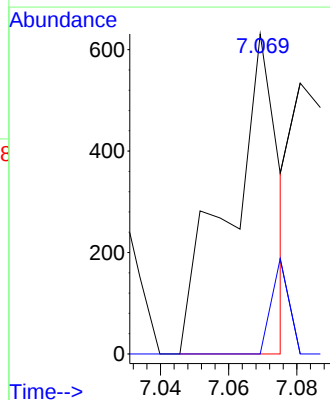
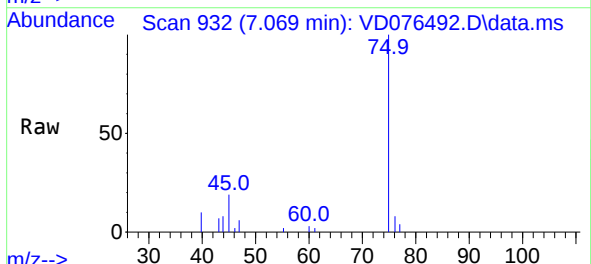
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-968-970

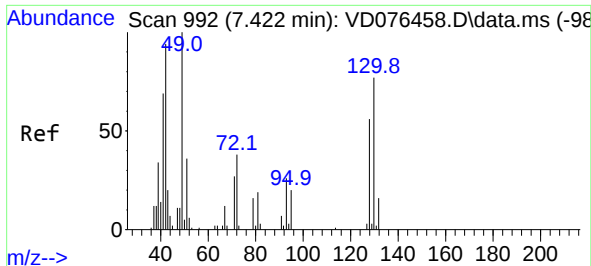
Tgt Ion:	84	Resp:	23361
Ion	Ratio	Lower	Upper
84	100		
49	122.1	71.4	107.2#
51	43.1	24.5	36.7#
86	65.3	48.7	73.1



#25
2-Butanone
Concen: 1.190 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

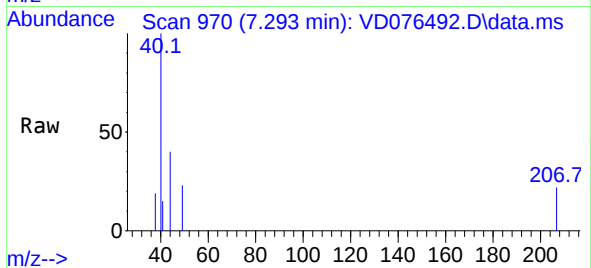
Tgt Ion:	43	Resp:	629
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



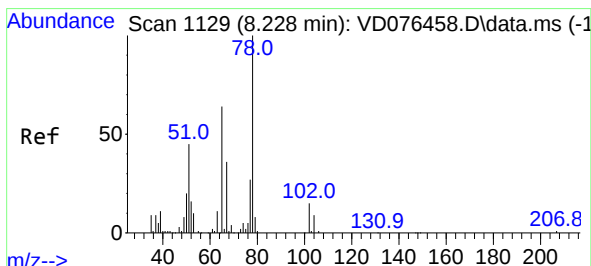
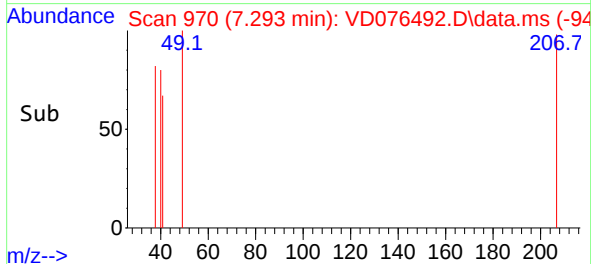
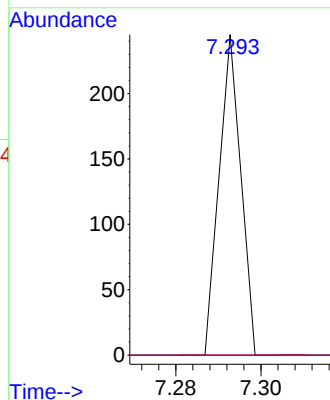


#28
Bromochloromethane
Concen: Below Cal
RT: 7.293 min Scan# 91
Delta R.T. -0.129 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-968-970

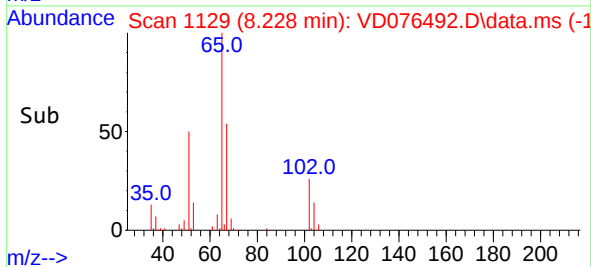
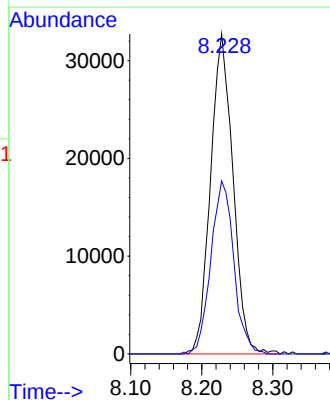
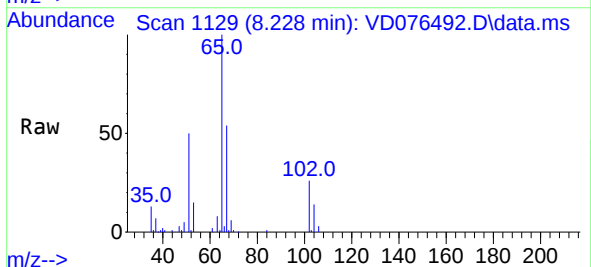


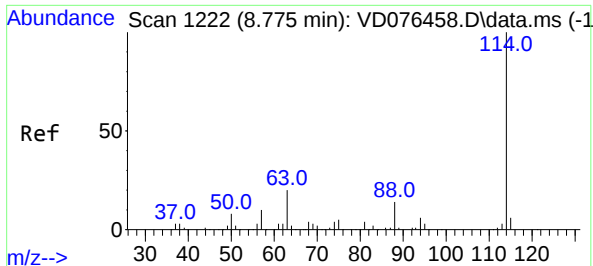
Tgt Ion: 49 Resp: 86
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 49.960 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Tgt Ion: 65 Resp: 71773
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076492.D

Acq: 20 Jun 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW11-GW-968-970

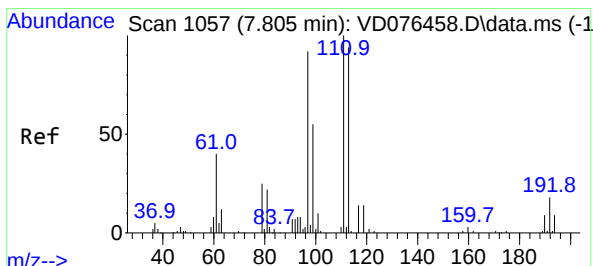
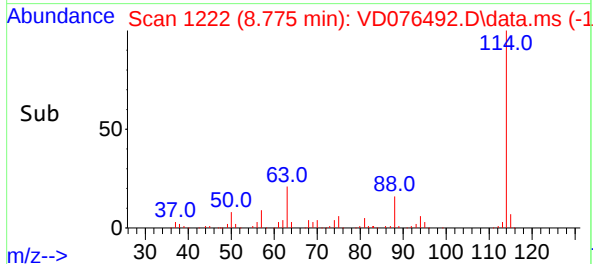
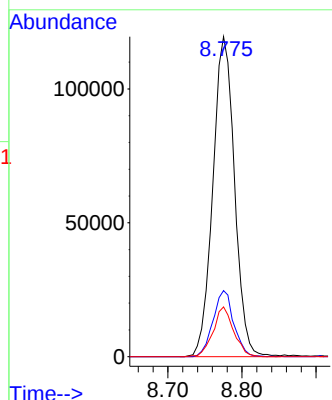
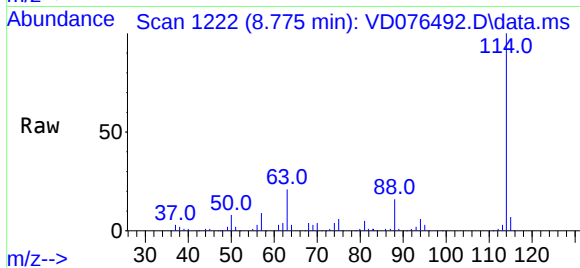
Tgt Ion:114 Resp: 242883

Ion Ratio Lower Upper

114 100

63 20.7 0.0 33.4

88 15.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.266 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076492.D

Acq: 20 Jun 2023 15:16

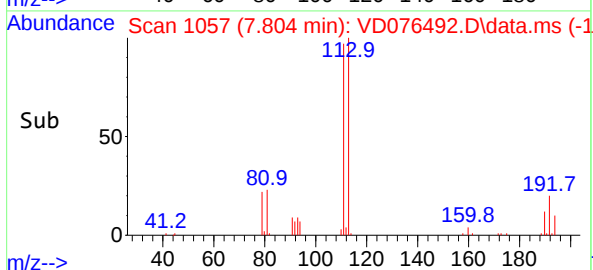
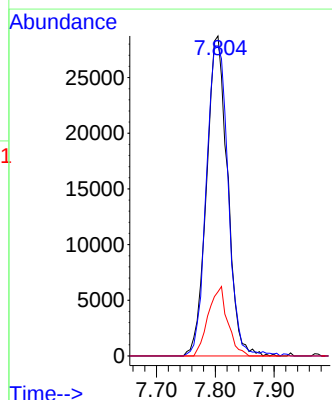
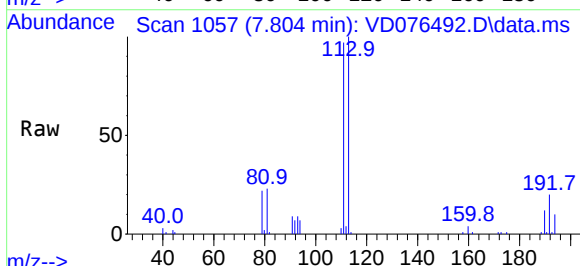
Tgt Ion:113 Resp: 71085

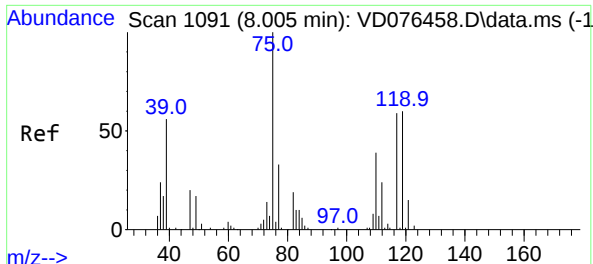
Ion Ratio Lower Upper

113 100

111 100.4 84.7 127.1

192 20.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.047 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD076492.D

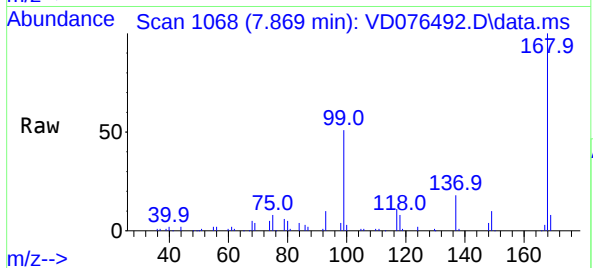
Acq: 20 Jun 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB-RW11-GW-968-970



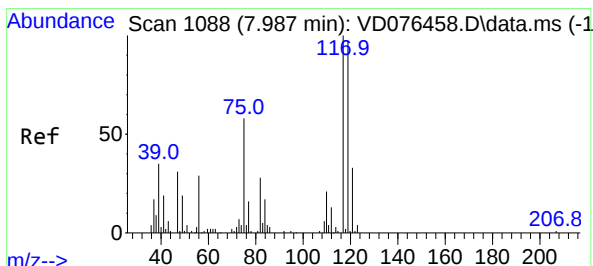
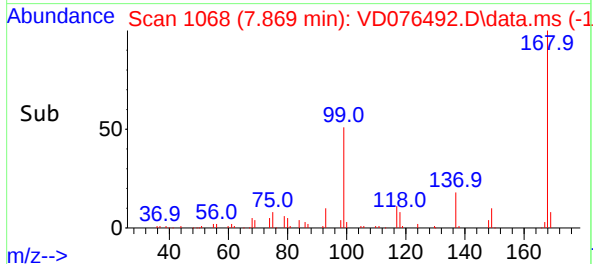
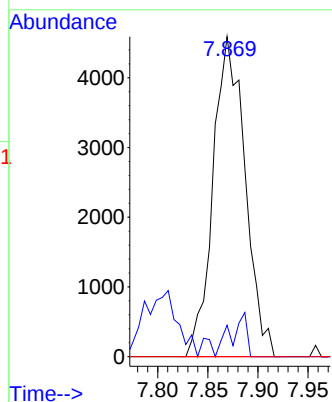
Tgt Ion: 75 Resp: 10198

Ion Ratio Lower Upper

75 100

110 6.8 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.998 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD076492.D

Acq: 20 Jun 2023 15:16

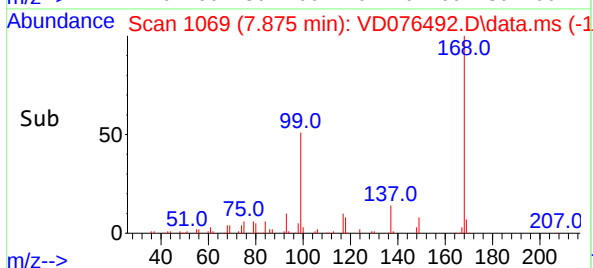
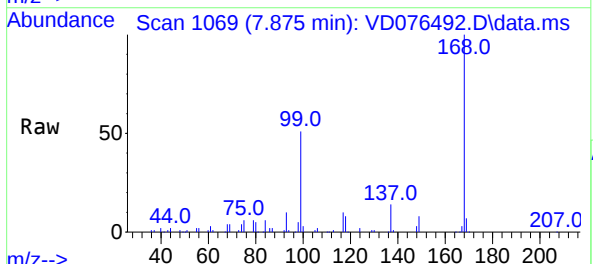
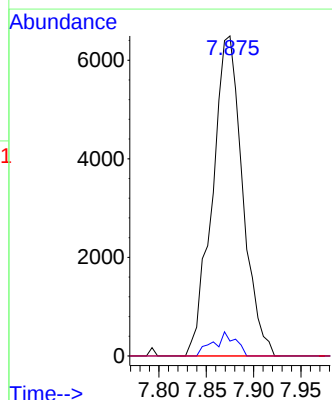
Tgt Ion: 117 Resp: 14444

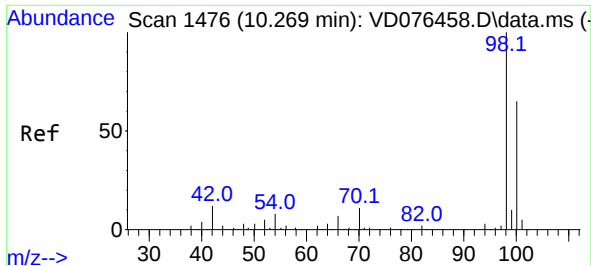
Ion Ratio Lower Upper

117 100

119 4.7 78.0 117.0#

121 0.0 24.2 36.2#

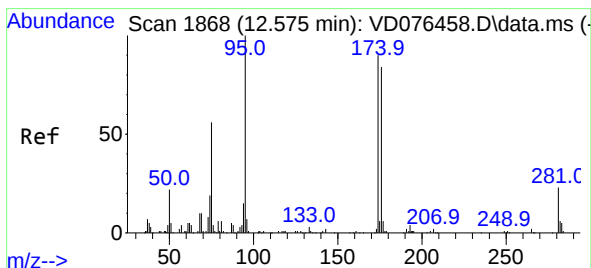
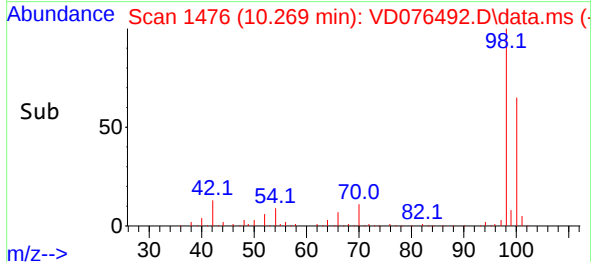
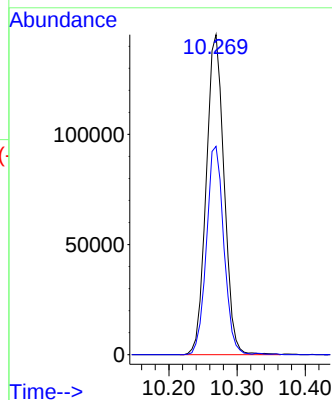
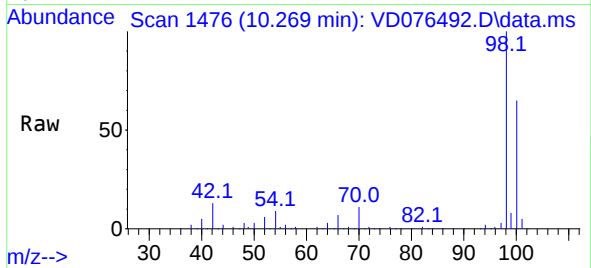




#50
Toluene-d8
Concen: 48.391 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

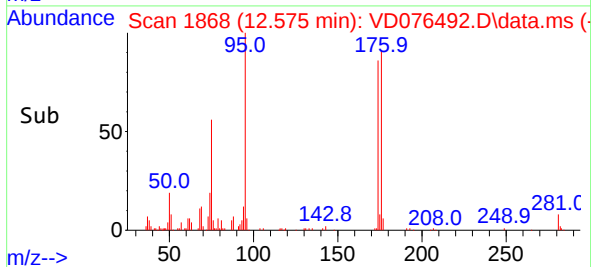
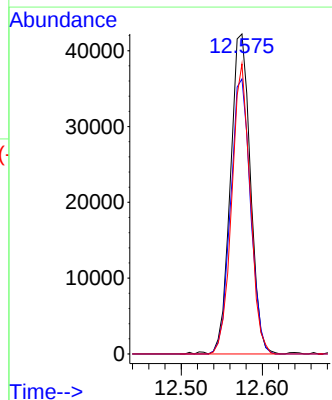
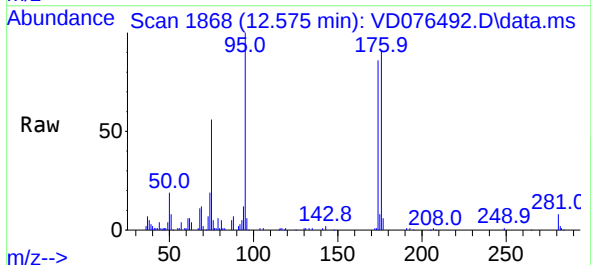
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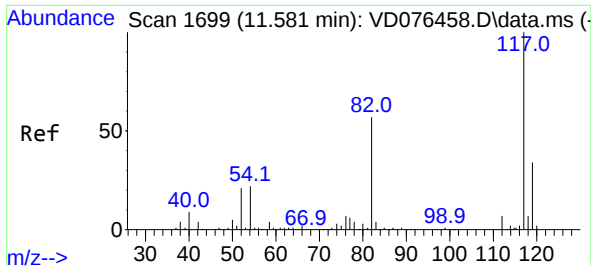
Tgt Ion: 98 Resp: 264800
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 40.651 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Tgt Ion: 95 Resp: 72194
Ion Ratio Lower Upper
95 100
174 85.5 0.0 201.8
176 83.0 0.0 191.8

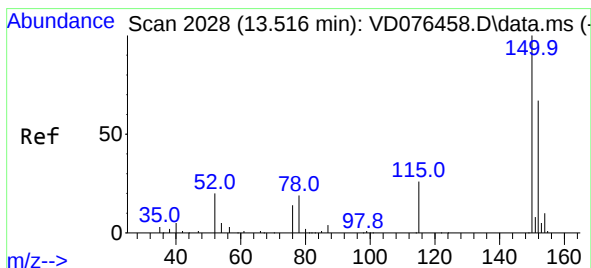
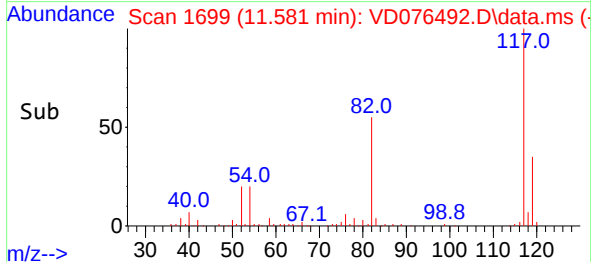
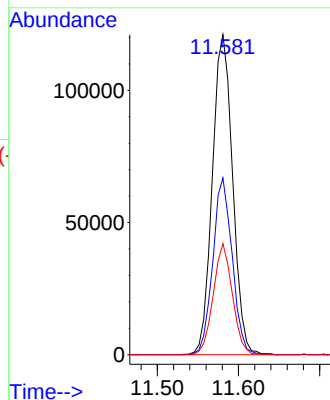
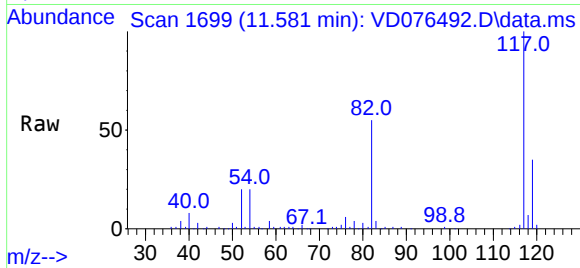




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

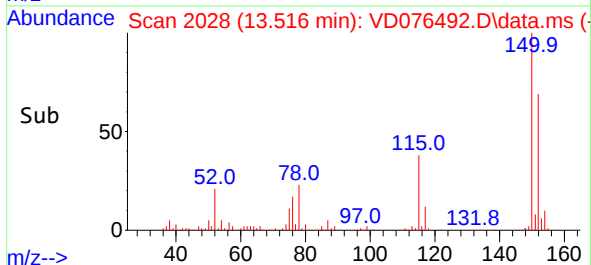
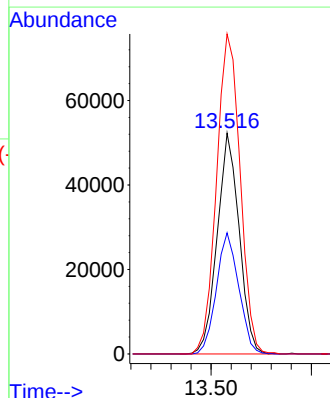
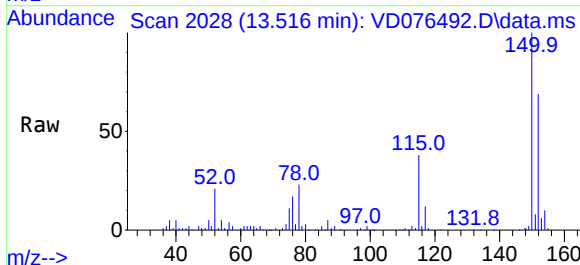
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-968-970

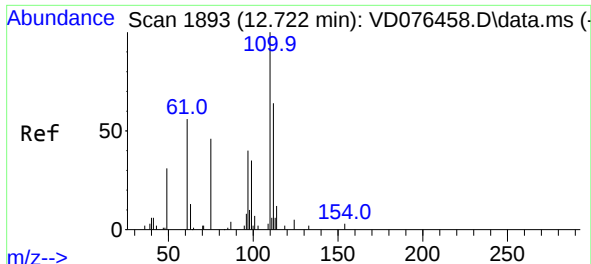
Tgt Ion:	117	Resp:	210167
Ion	Ratio	Lower	Upper
117	100		
82	55.3	38.3	57.5
119	34.7	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Tgt Ion:	152	Resp:	79223
Ion	Ratio	Lower	Upper
152	100		
115	55.8	27.1	81.3
150	155.7	0.0	353.6

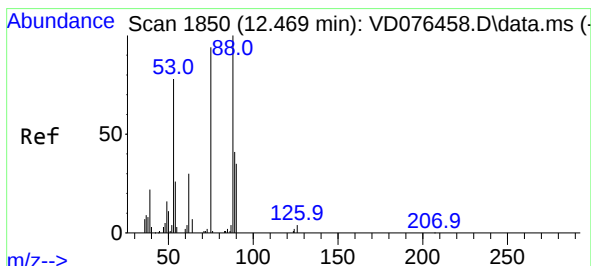
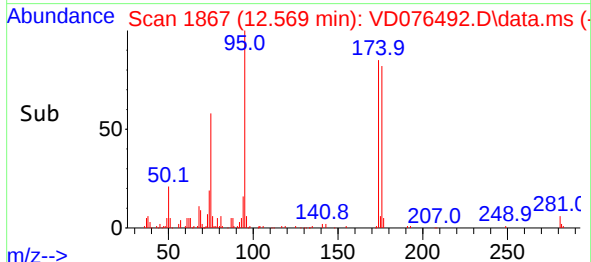
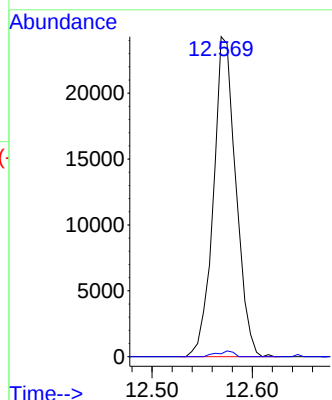
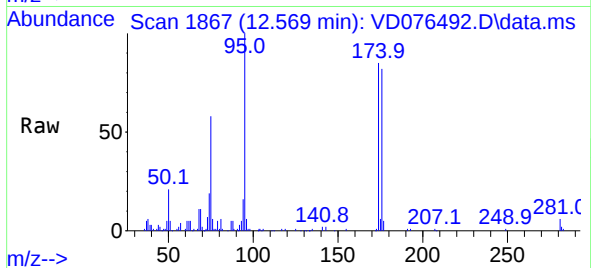




#76
1,2,3-Trichloropropane
Concen: 48.112 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW11-GW-968-970

Tgt Ion: 75 Resp: 37829
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.424 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076492.D
Acq: 20 Jun 2023 15:16

Tgt Ion: 75 Resp: 37829
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 37.9 56.9#

