

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076545.D
 Acq On : 22 Jun 2023 18:12
 Operator : KP/SY
 Sample : 03365-03
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP2

Quant Time: Jun 23 06:37:19 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)

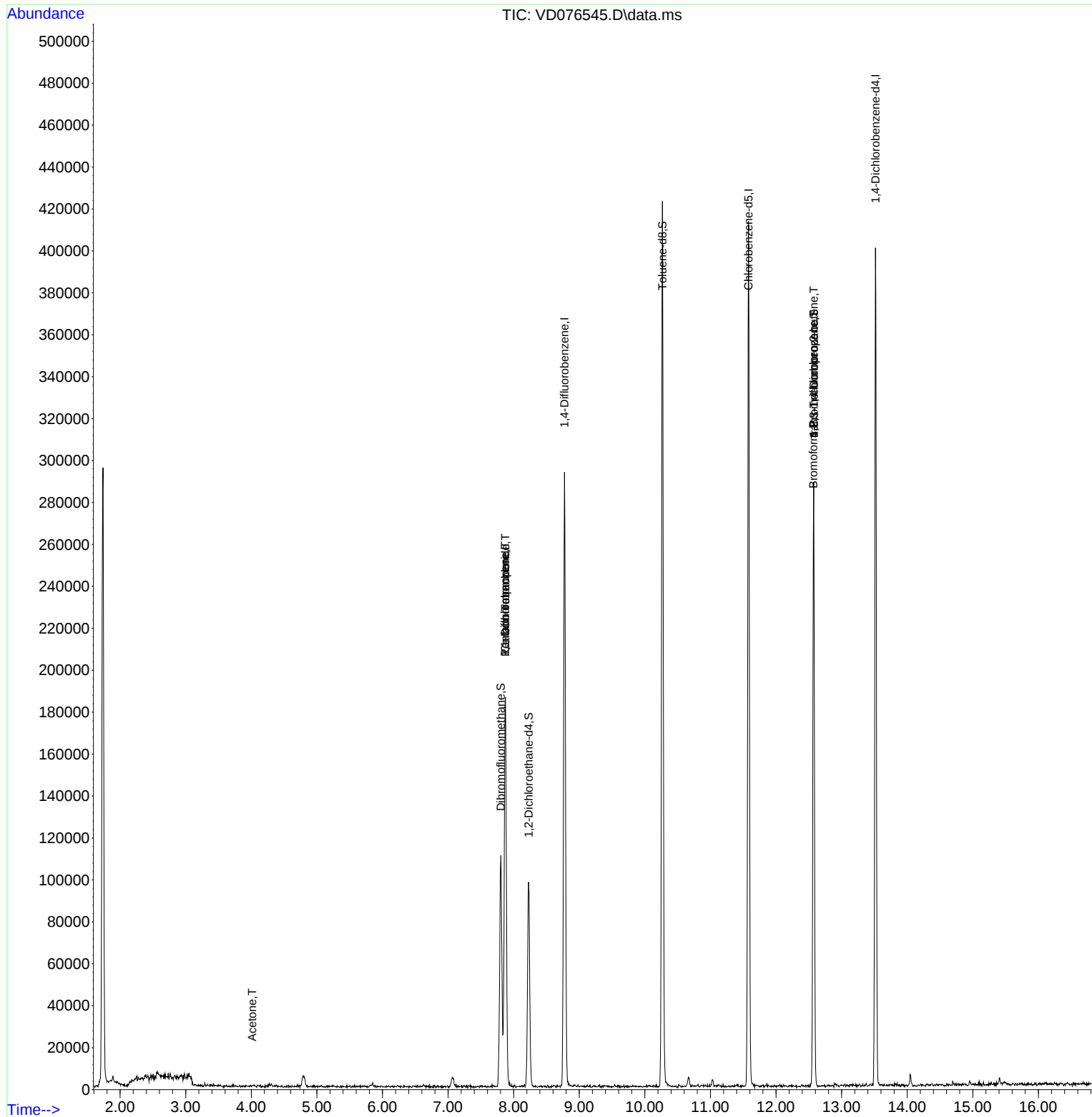
Internal Standards						
1) Pentafluorobenzene	7.869	168	145077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	252514	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	227960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	73919	50.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.700%	
35) Dibromofluoromethane	7.804	113	74718	49.809	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.620%	
50) Toluene-d8	10.269	98	278917	49.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.060%	
62) 4-Bromofluorobenzene	12.575	95	83813	45.394	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	440	1.272	ug/l #	32
20) Methylene Chloride	4.787	84	1698	Below Cal	#	58
28) Bromochloromethane	7.510	49	70	Below Cal	#	1
36) 1,1-Dichloropropene	7.869	75	11378	5.416	ug/l #	49
38) Carbon Tetrachloride	7.875	117	14556	7.752	ug/l #	15
71) Bromoform	12.569	173	986	1.060	ug/l #	28
76) 1,2,3-Trichloropropane	12.575	75	44658	43.313	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	44658	94.910	ug/l #	17

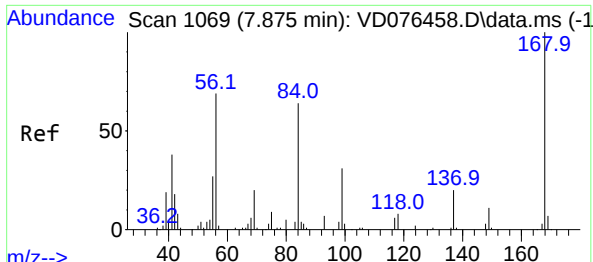
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration

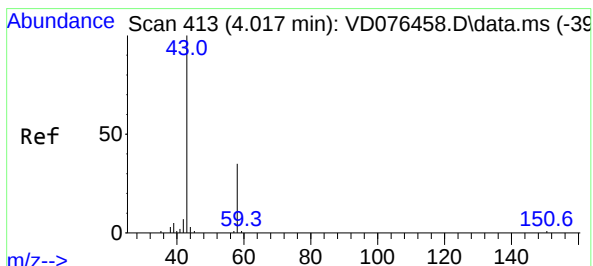
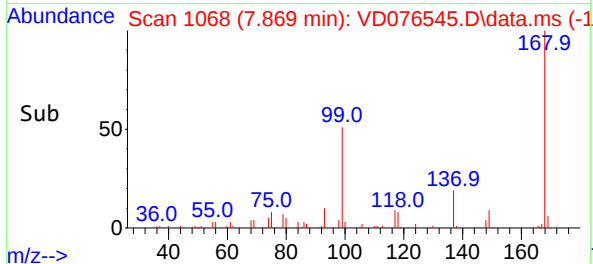
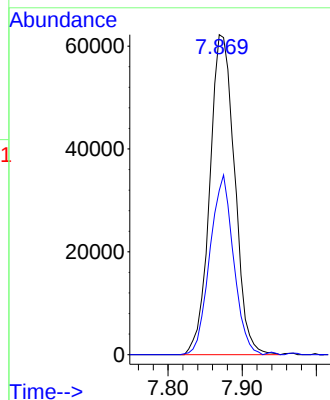
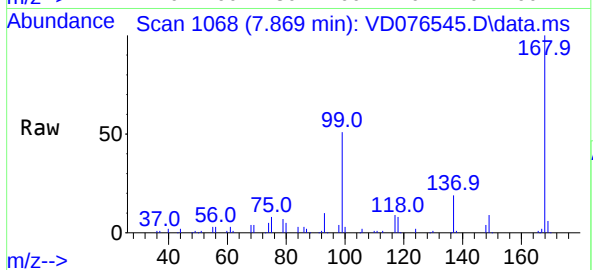




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

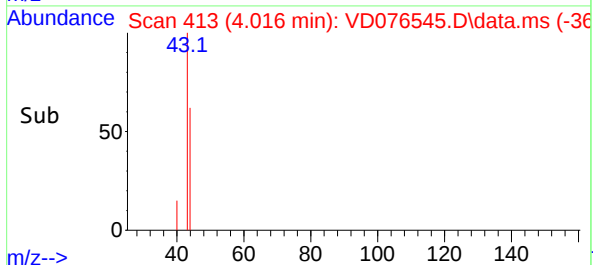
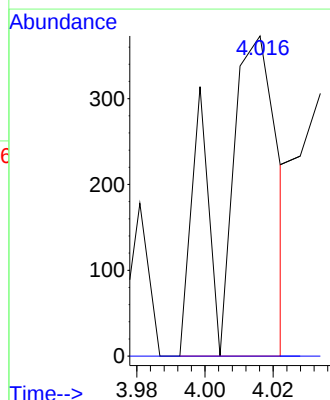
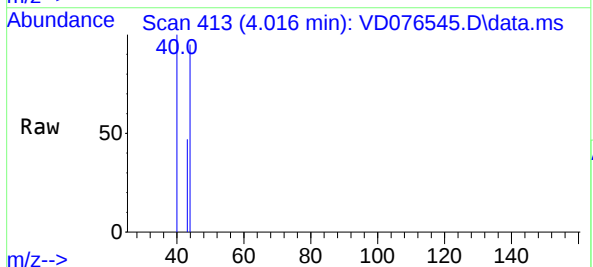
Instrument :
MSVOA_D
ClientSampleId :
TP2

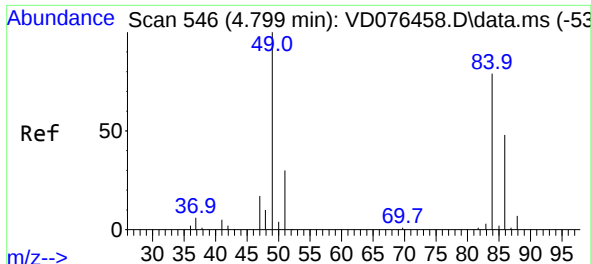
Tgt Ion:168 Resp: 145077
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#16
Acetone
Concen: 1.272 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



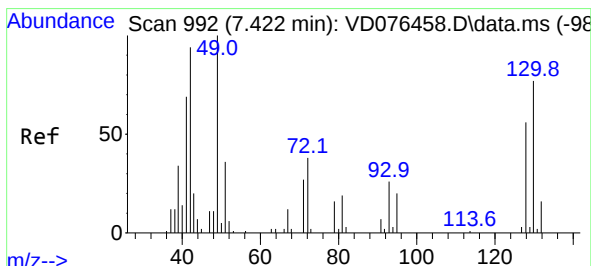
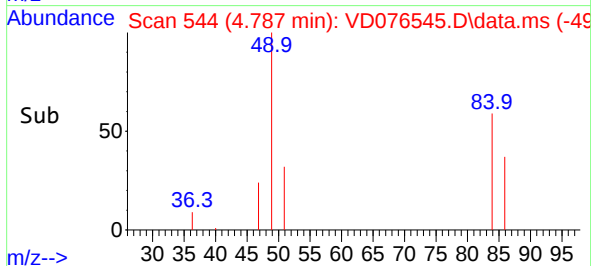
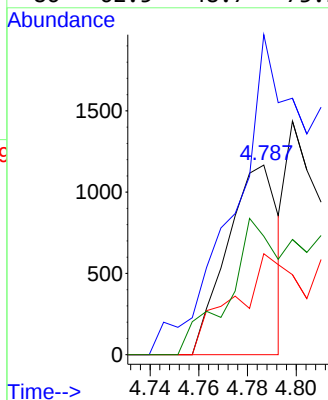
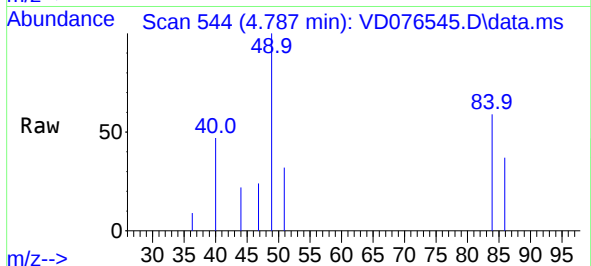


#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Instrument :
MSVOA_D
ClientSampleId :
TP2

Tgt Ion: 84 Resp: 1698

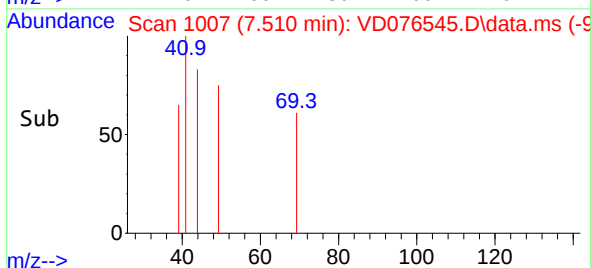
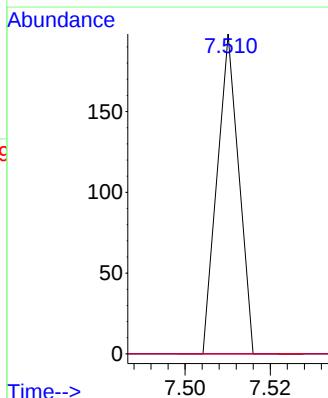
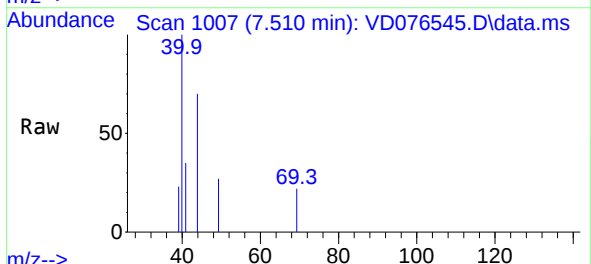
Ion	Ratio	Lower	Upper
84	100		
49	154.3	71.4	107.2#
51	53.2	24.5	36.7#
86	62.5	48.7	73.1

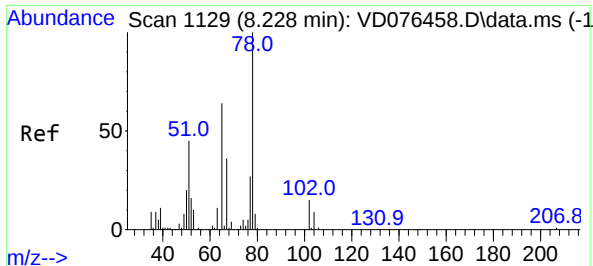


#28
Bromochloromethane
Concen: Below Cal
RT: 7.510 min Scan# 1007
Delta R.T. 0.088 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion: 49 Resp: 70

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	6.0
130	0.0	83.2	124.8#

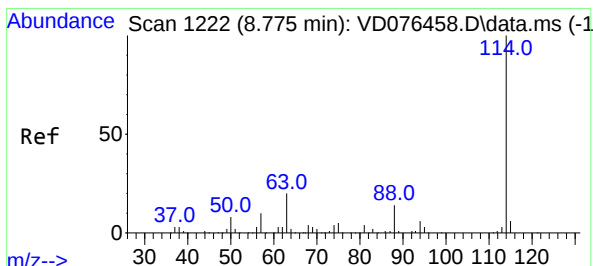
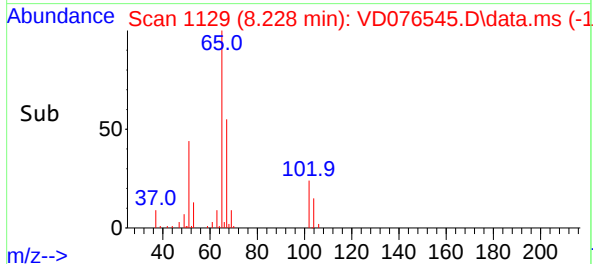
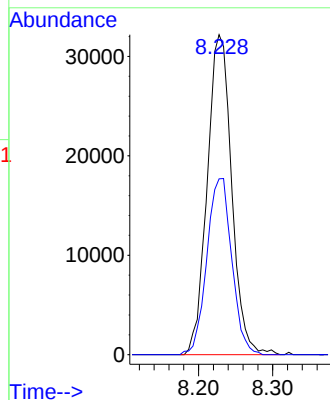
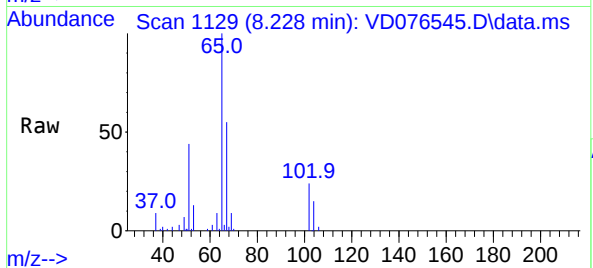




#33
1,2-Dichloroethane-d4
Concen: 50.854 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

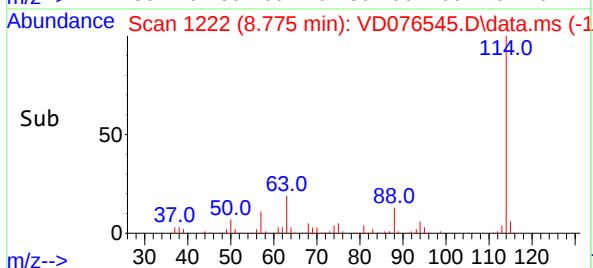
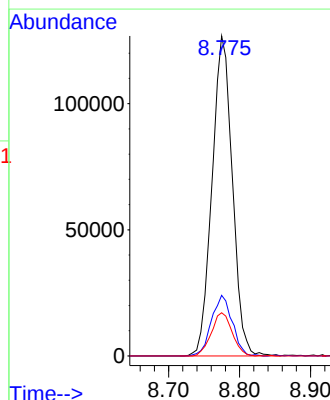
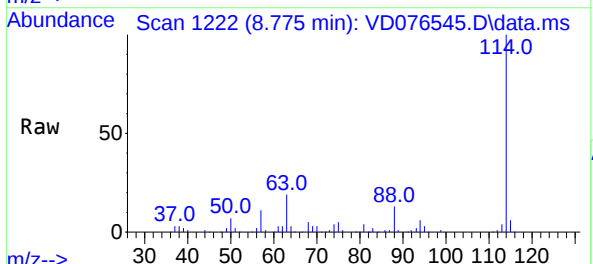
Instrument :
MSVOA_D
ClientSampleId :
TP2

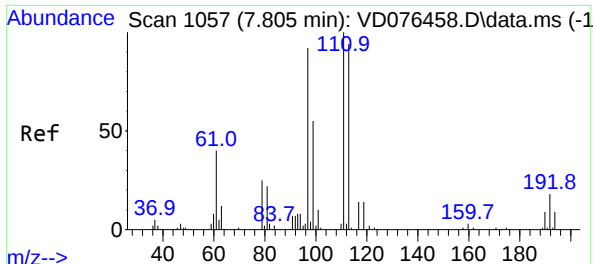
Tgt Ion: 65 Resp: 73919
Ion Ratio Lower Upper
65 100
67 56.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion: 114 Resp: 252514
Ion Ratio Lower Upper
114 100
63 18.9 0.0 33.4
88 13.5 0.0 26.2

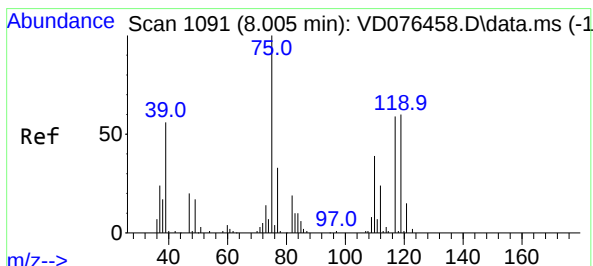
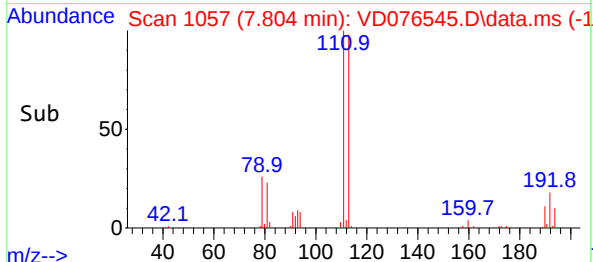
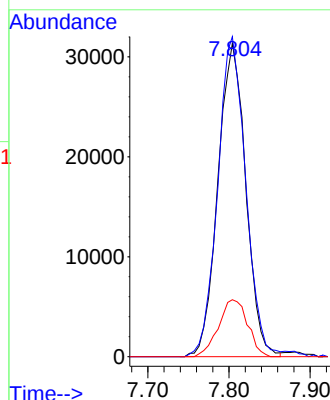
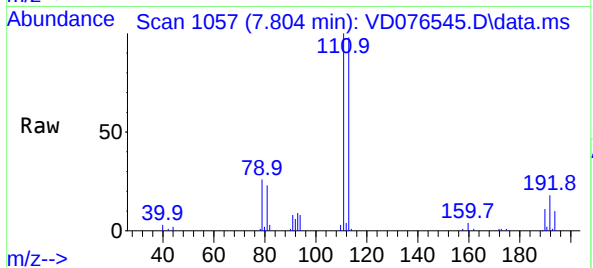




#35
Dibromofluoromethane
Concen: 49.809 ug/l
RT: 7.804 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

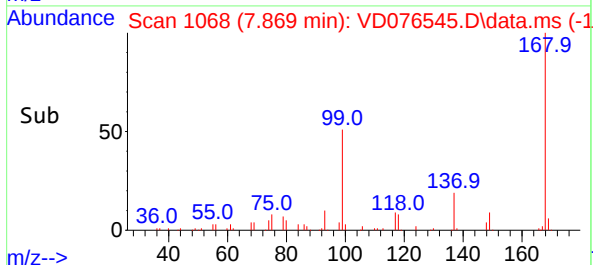
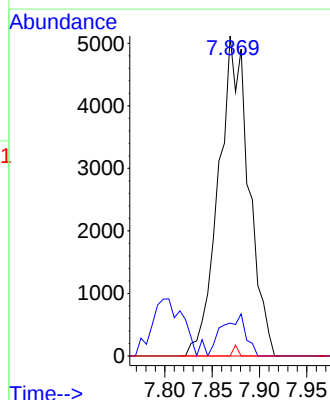
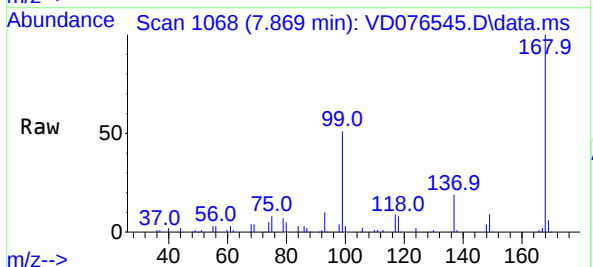
Instrument :
MSVOA_D
ClientSampleId :
TP2

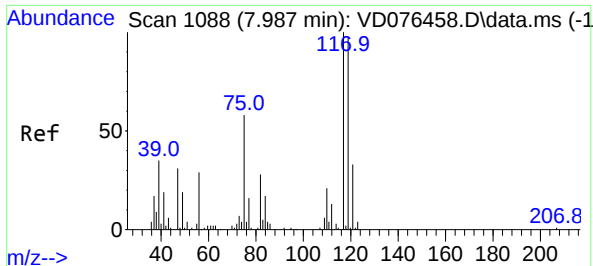
Tgt Ion:113 Resp: 74718
Ion Ratio Lower Upper
113 100
111 103.7 84.7 127.1
192 19.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.416 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion: 75 Resp: 11378
Ion Ratio Lower Upper
75 100
110 10.1 19.9 59.6#
77 0.5 24.7 37.1#

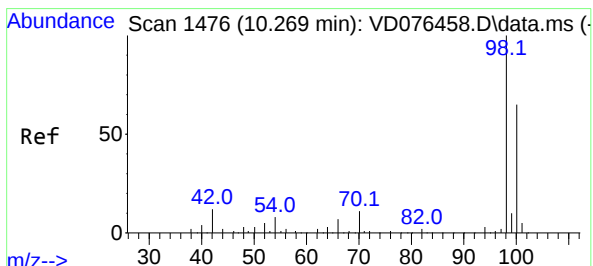
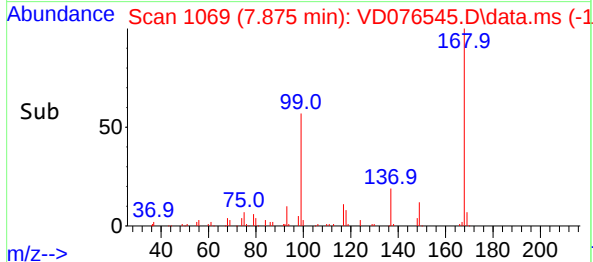
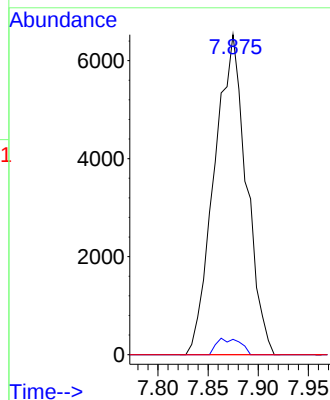
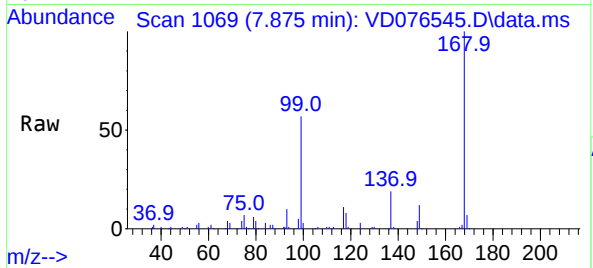




#38
Carbon Tetrachloride
Concen: 7.752 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

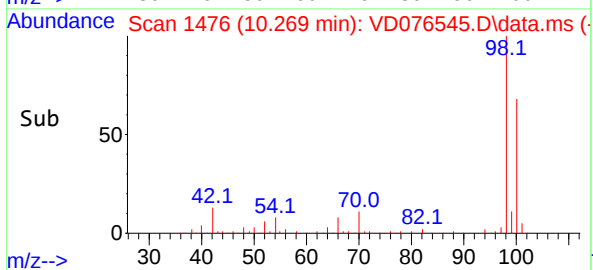
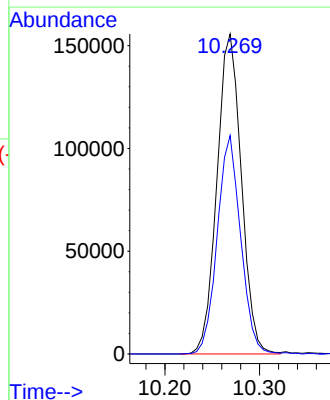
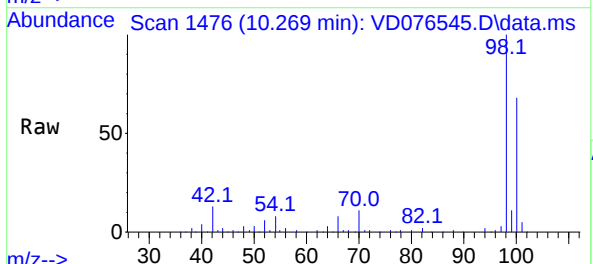
Instrument :
MSVOA_D
ClientSampleId :
TP2

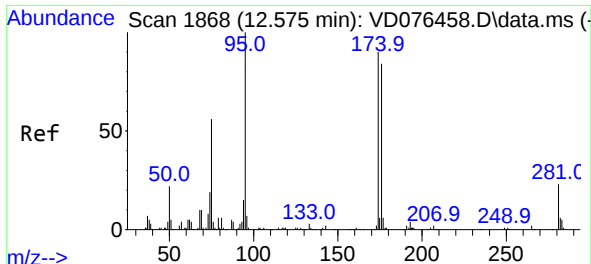
Tgt Ion:117 Resp: 14556
Ion Ratio Lower Upper
117 100
119 4.8 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.027 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion: 98 Resp: 278917
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5

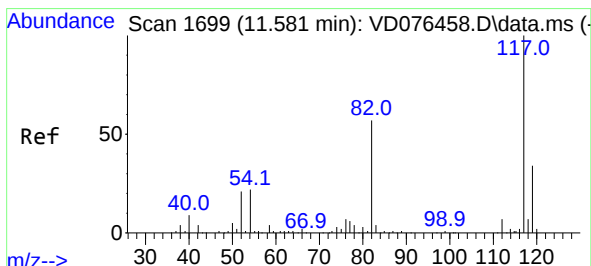
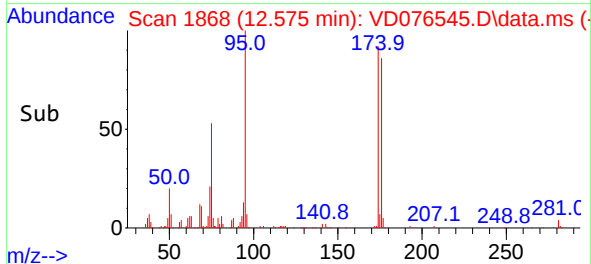
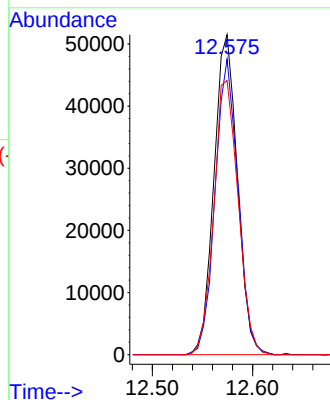
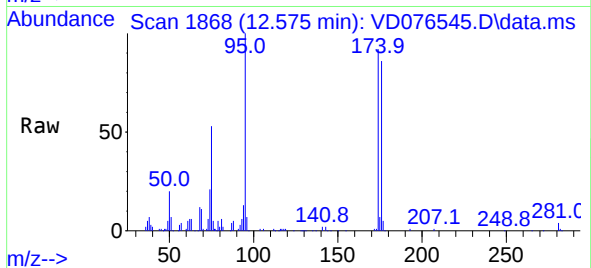




#62
4-Bromofluorobenzene
Concen: 45.394 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

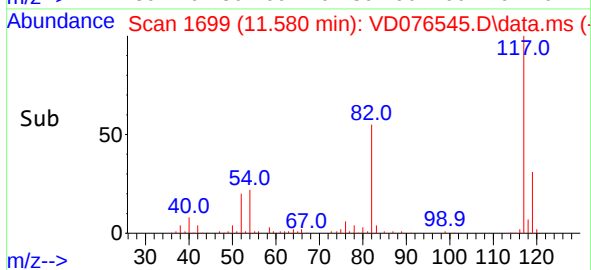
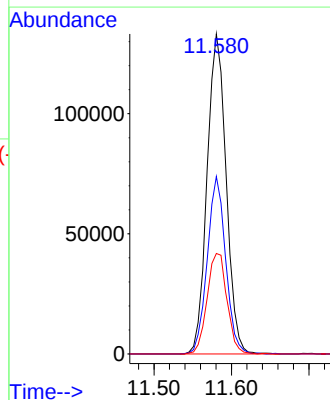
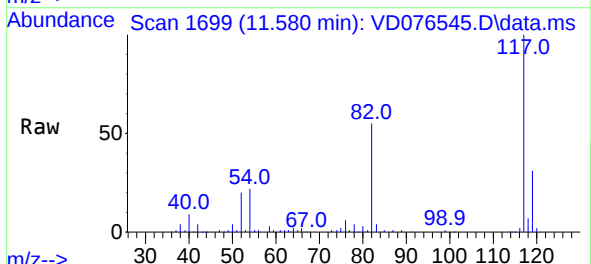
Instrument :
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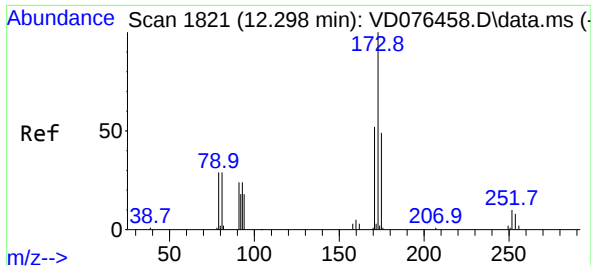
Tgt Ion:	95	Resp:	83813
Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	201.8
176	88.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion:	117	Resp:	227960
Ion	Ratio	Lower	Upper
117	100		
82	55.5	38.3	57.5
119	31.4	25.0	37.4

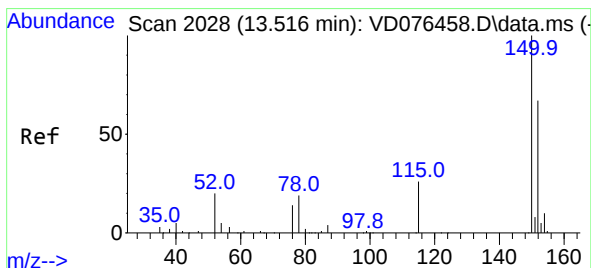
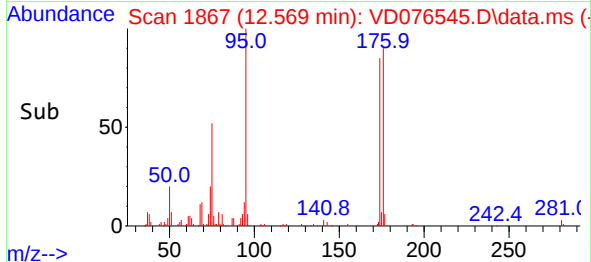
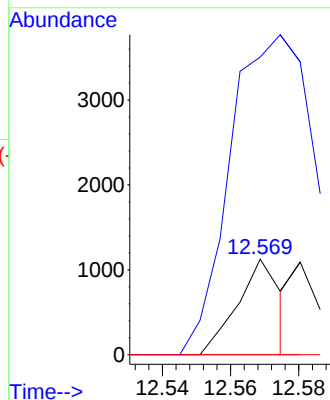
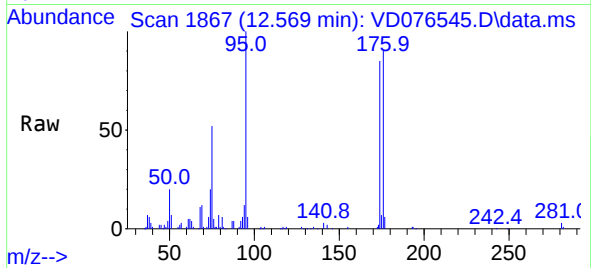




#71
Bromoform
Concen: 1.060 ug/l
RT: 12.569 min Scan# 1821
Delta R.T. 0.270 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

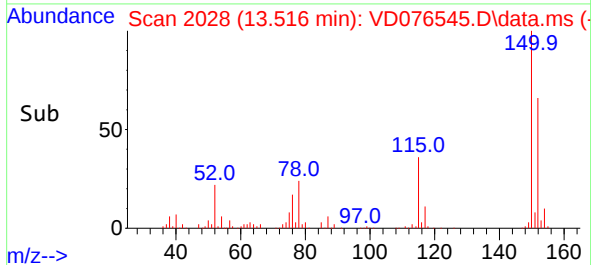
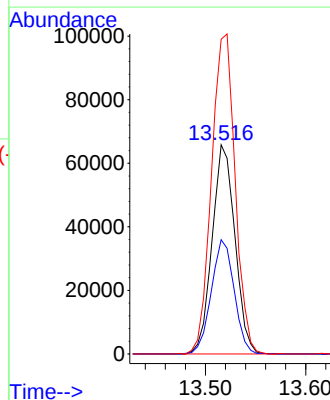
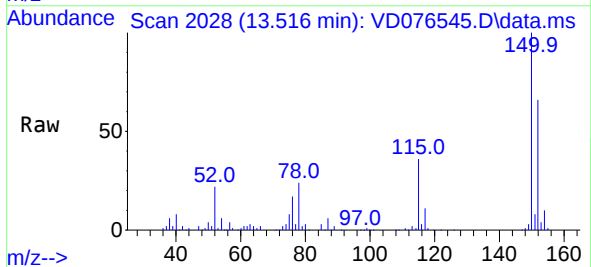
Instrument :
MSVOA_D
ClientSampleId :
TP2

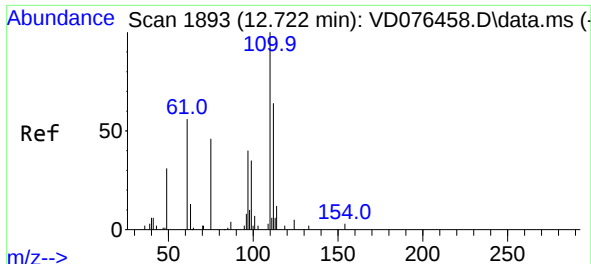
Tgt Ion:173 Resp: 986
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion:152 Resp: 103886
Ion Ratio Lower Upper
152 100
115 54.8 27.1 81.3
150 158.3 0.0 353.6

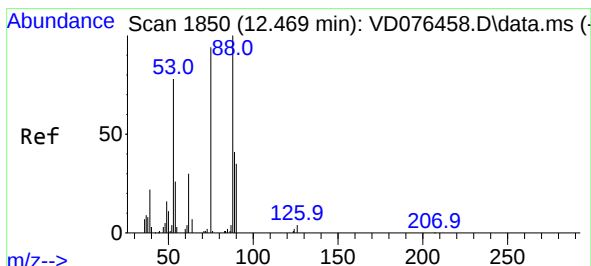
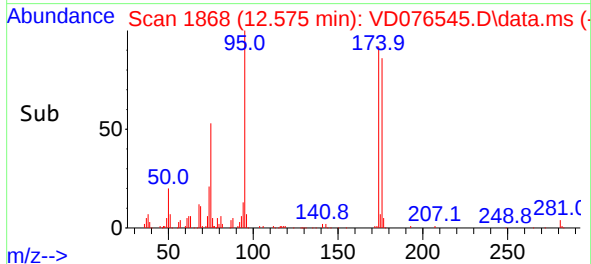
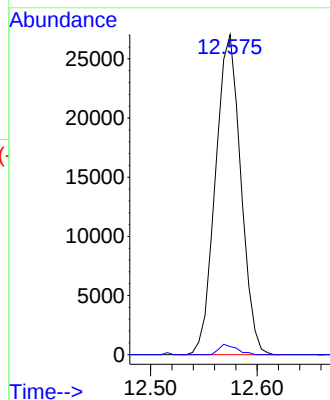
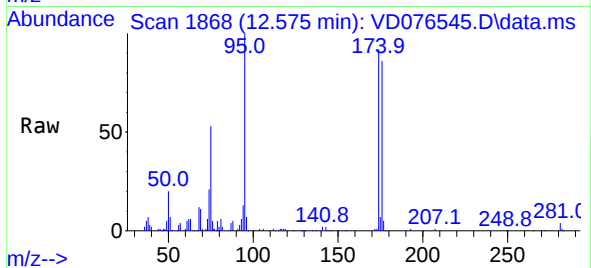




#76
1,2,3-Trichloropropane
Concen: 43.313 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Instrument :
MSVOA_D
ClientSampleId :
TP2

Tgt Ion: 75 Resp: 44658
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.910 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.105 min
Lab File: VD076545.D
Acq: 22 Jun 2023 18:12

Tgt Ion: 75 Resp: 44658
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

