

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072074.D
 Acq On : 23 Feb 2022 15:06
 Operator : VA/SY
 Sample : N1598-02
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-2

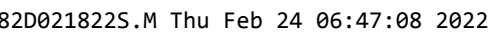
Quant Time: Feb 24 06:47:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

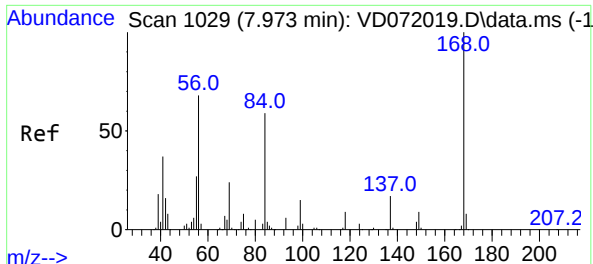
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	547186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	919104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	878259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	408048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	256803	45.244	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.480%
35) Dibromofluoromethane	7.908	113	280094	50.299	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.600%
50) Toluene-d8	10.332	98	1130973	54.767	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.626	95	415673	54.798	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.600%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	809	Below Cal	#	56
10) Methyl Iodide	4.315	142	373	2.981	ug/l #	89
11) Tert butyl alcohol	5.220	59	392	1.210	ug/l #	80
16) Acetone	4.156	43	5073	4.136	ug/l	98
18) Methyl Acetate	4.726	43	219	Below Cal	#	52
20) Methylene Chloride	4.967	84	37679	6.172	ug/l	97
31) Cyclohexane	7.973	56	13188	1.315	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	44998	5.335	ug/l #	50
38) Carbon Tetrachloride	7.973	117	58415	6.757	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	214809	55.576	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	214809	139.175	ug/l #	10

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

Quant Time: Feb 24 06:47:04 2022
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Response via : Initial Calibration

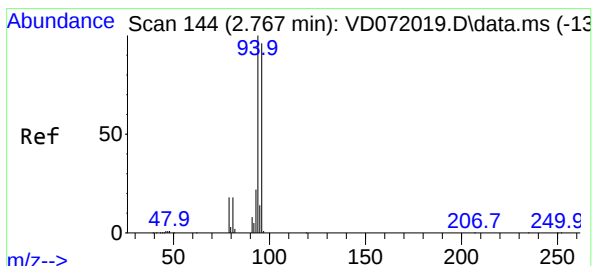
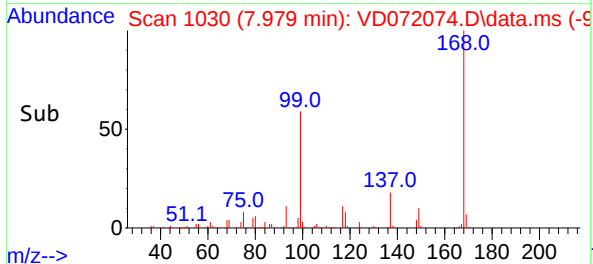
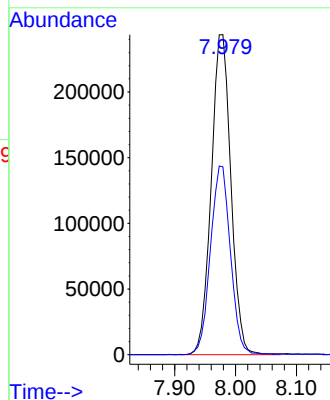
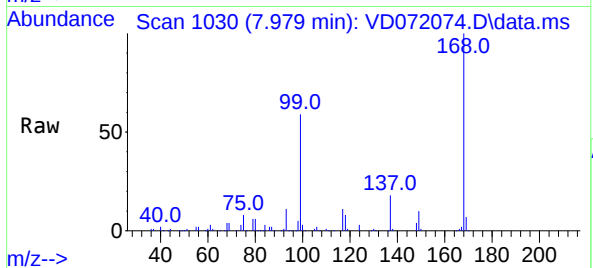




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

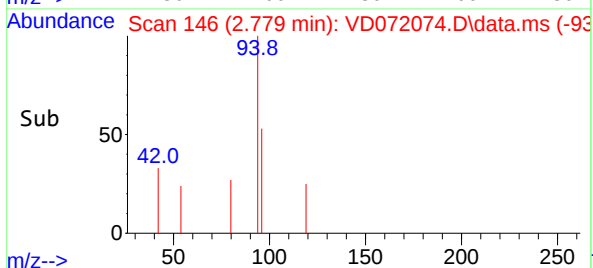
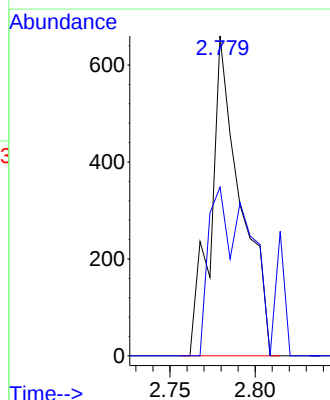
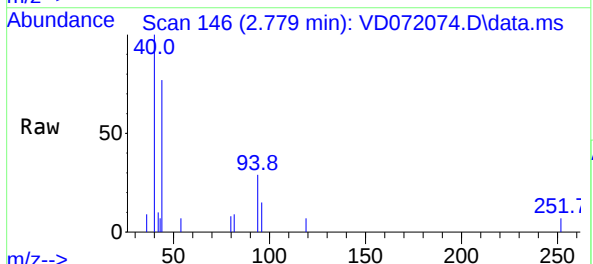
Instrument :
MSVOA_D
ClientSampleId :
GS-2

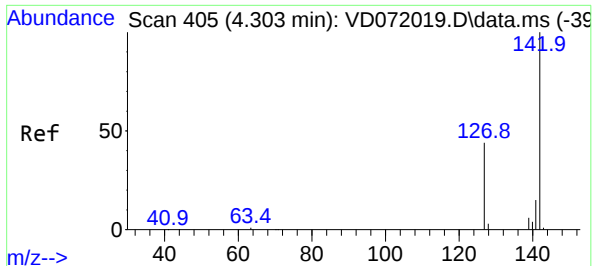
Tgt Ion:168 Resp: 547186
Ion Ratio Lower Upper
168 100
99 58.6 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 94 Resp: 809
Ion Ratio Lower Upper
94 100
96 52.7 76.8 115.2#

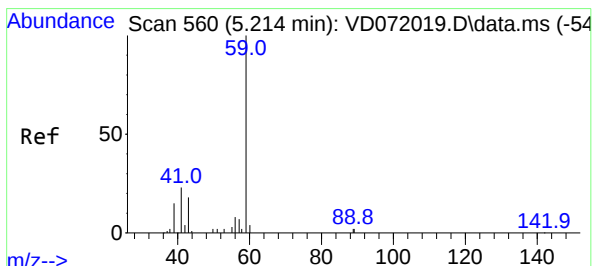
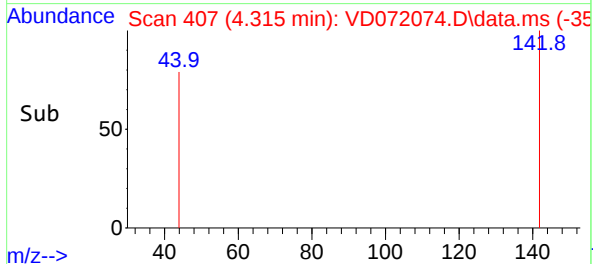
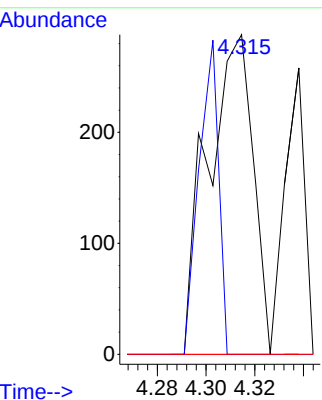
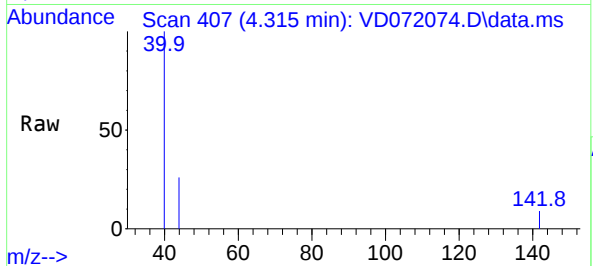




#10
Methyl Iodide
Concen: 2.981 ug/l
RT: 4.315 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

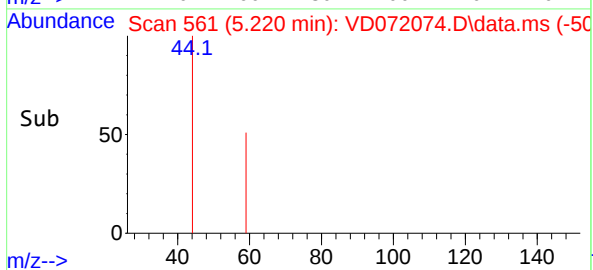
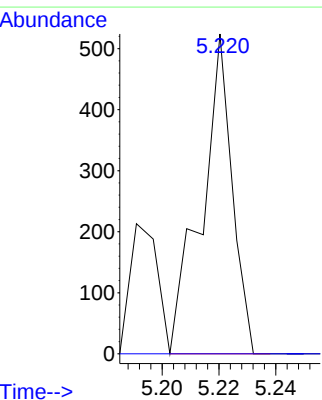
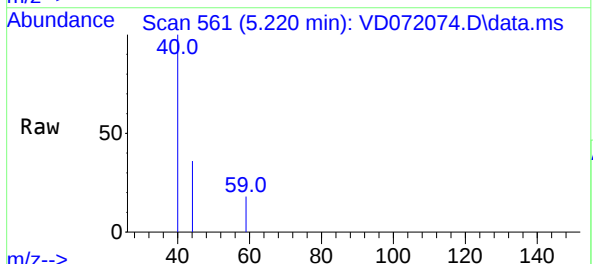
Instrument :
MSVOA_D
ClientSampleId :
GS-2

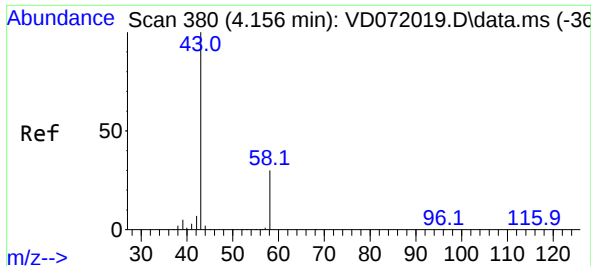
Tgt Ion:142 Resp: 373
Ion Ratio Lower Upper
142 100
127 42.4 35.8 53.8
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 1.210 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.006 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.2#

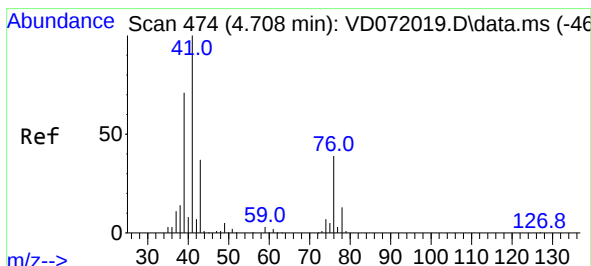
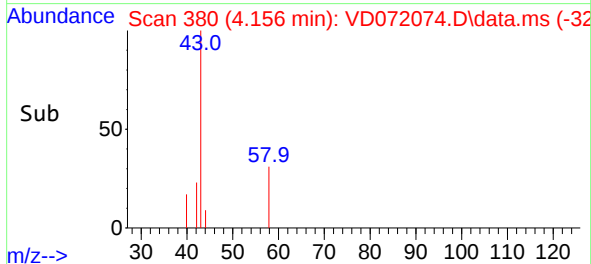
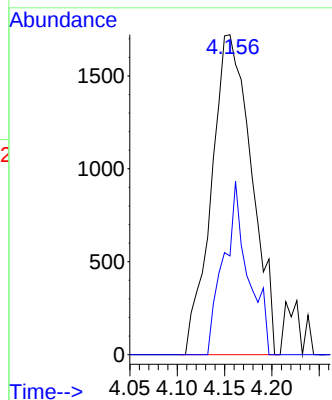
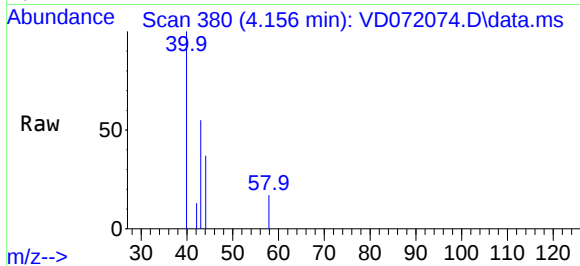




#16
Acetone
Concen: 4.136 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

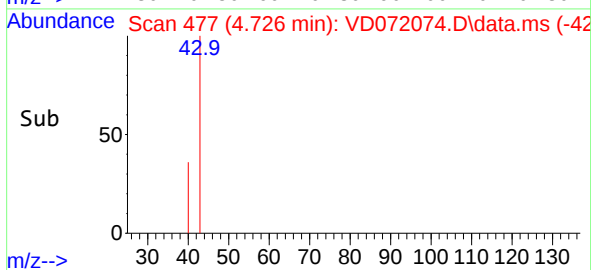
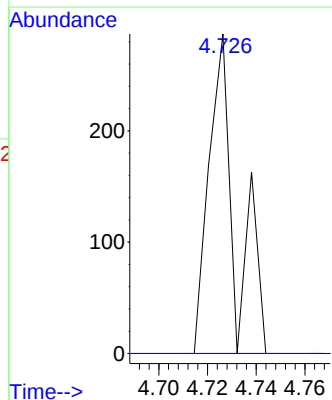
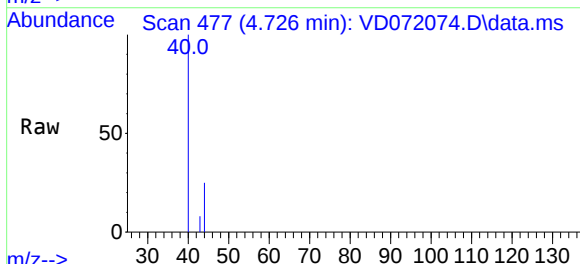
Instrument :
MSVOA_D
Client SampleId :
GS-2

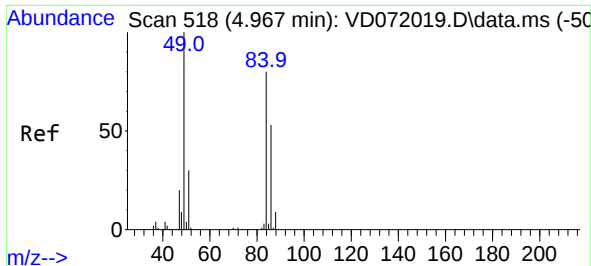
Tgt Ion: 43 Resp: 5073
Ion Ratio Lower Upper
43 100
58 30.8 23.8 35.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.018 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 43 Resp: 219
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



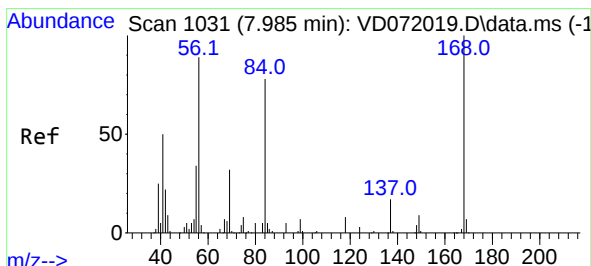
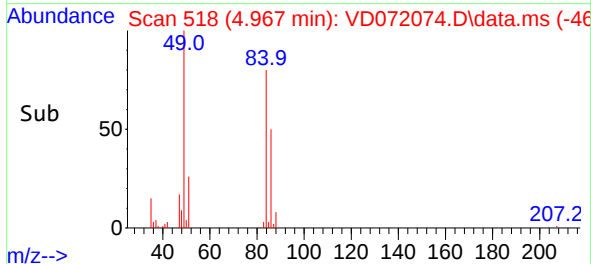
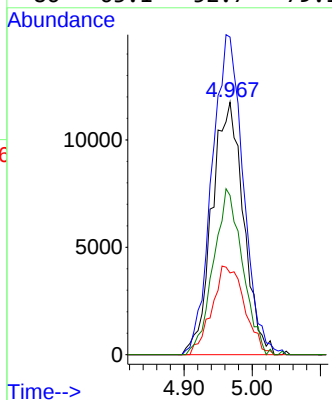
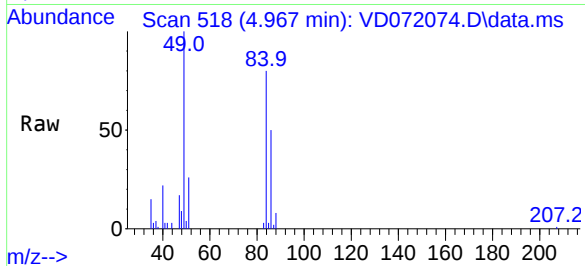


#20
Methylene Chloride
Concen: 6.172 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Instrument :
MSVOA_D
ClientSampleId :
GS-2

Tgt Ion: 84 Resp: 37679

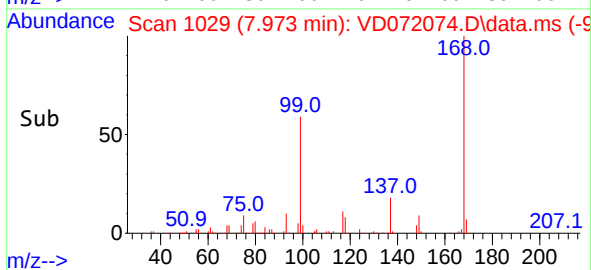
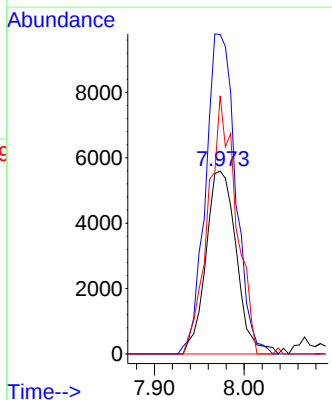
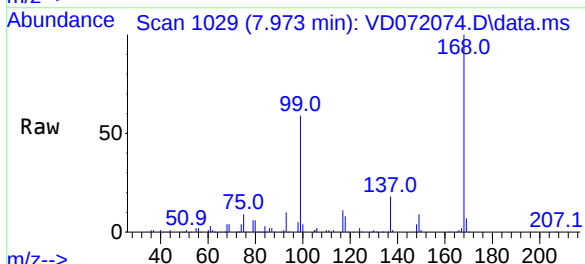
Ion	Ratio	Lower	Upper
84	100		
49	125.8	100.0	150.0
51	32.4	30.2	45.4
86	63.1	52.7	79.1

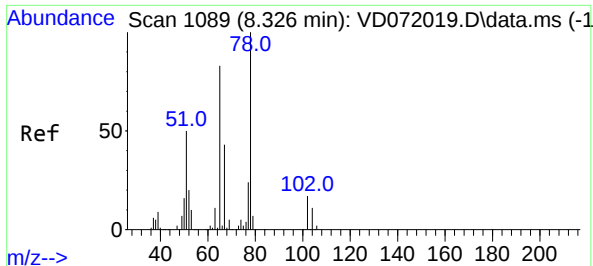


#31
Cyclohexane
Concen: 1.315 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 56 Resp: 13188

Ion	Ratio	Lower	Upper
56	100		
69	174.7	28.9	43.3#
84	141.1	70.6	105.8#

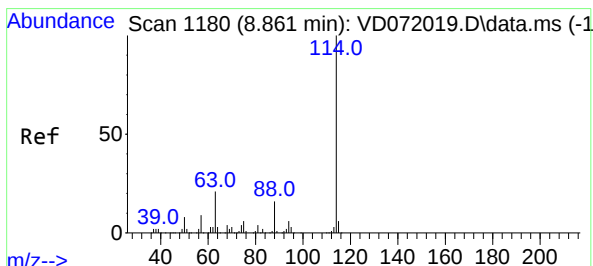
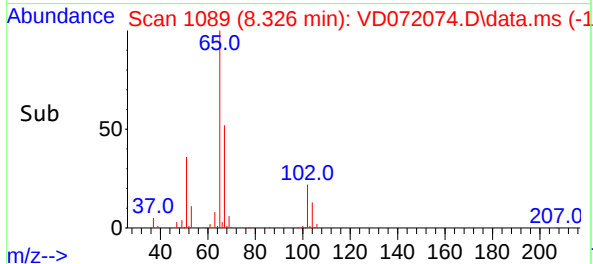
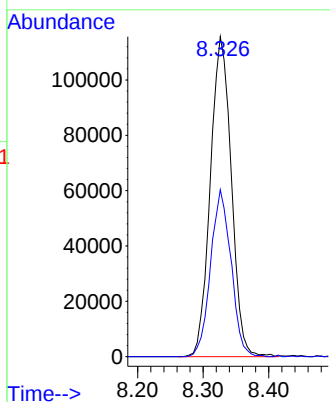
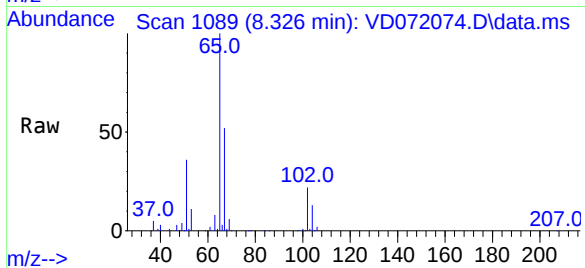




#33
1,2-Dichloroethane-d4
Concen: 45.244 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

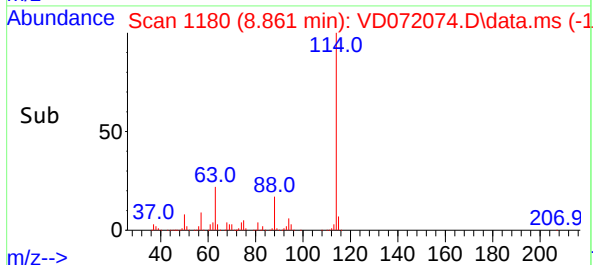
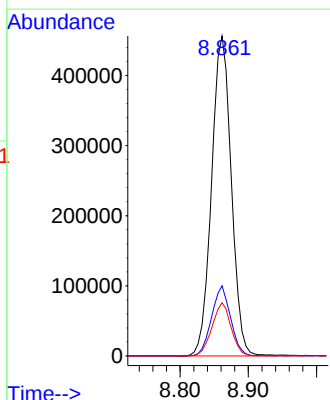
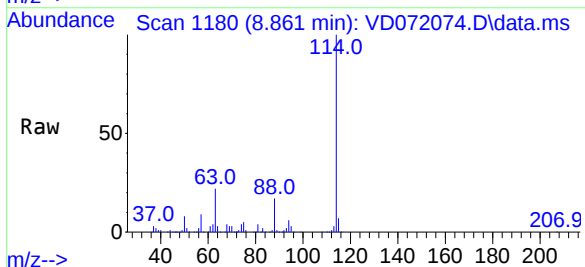
Instrument :
MSVOA_D
ClientSampleId :
GS-2

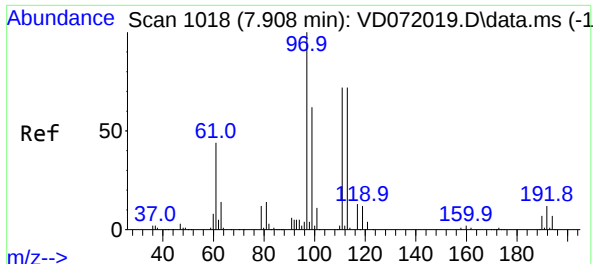
Tgt Ion: 65 Resp: 256803
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 114 Resp: 919104
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.2
88 16.7 0.0 31.2

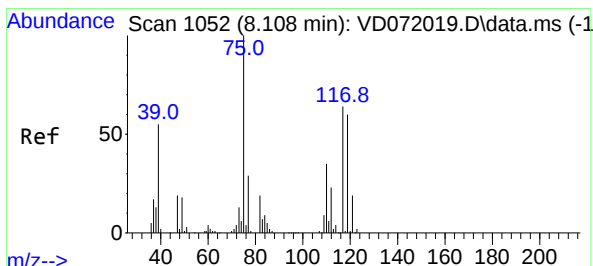
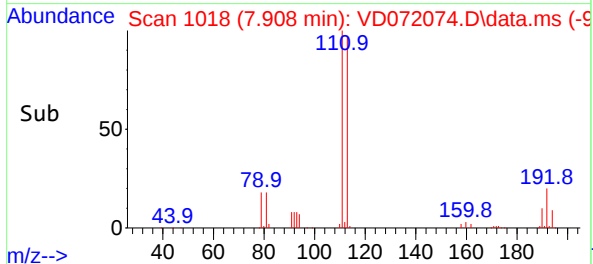
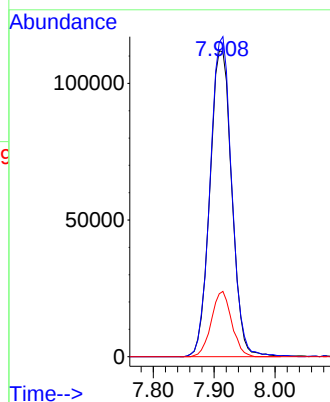
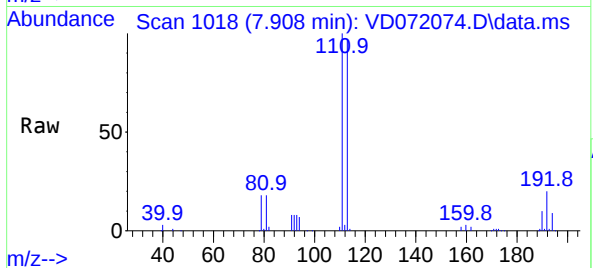




#35
Dibromofluoromethane
Concen: 50.299 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

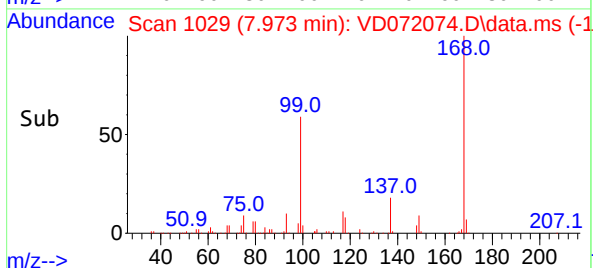
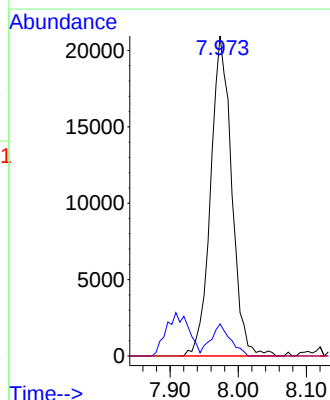
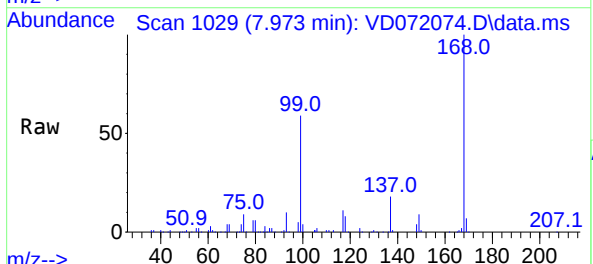
Instrument :
MSVOA_D
ClientSampleId :
GS-2

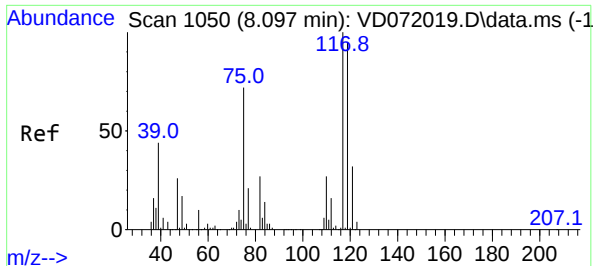
Tgt Ion:113 Resp: 280094
Ion Ratio Lower Upper
113 100
111 102.8 83.0 124.4
192 19.8 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.335 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 75 Resp: 44998
Ion Ratio Lower Upper
75 100
110 9.2 17.7 53.1#
77 0.0 24.8 37.2#

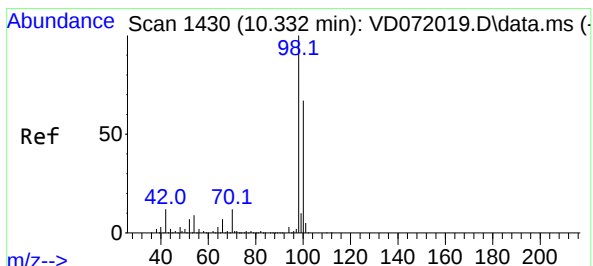
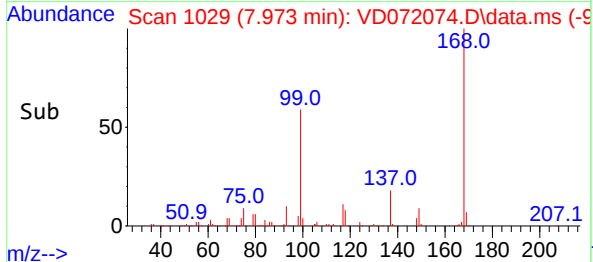
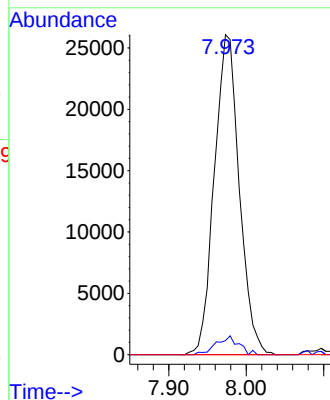
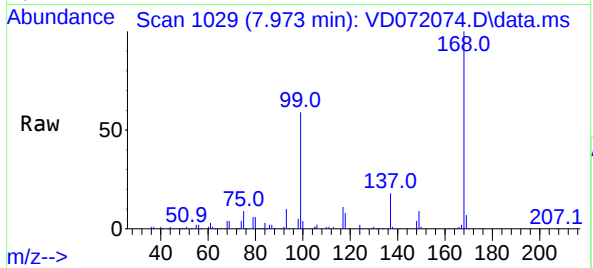




#38
Carbon Tetrachloride
Concen: 6.757 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

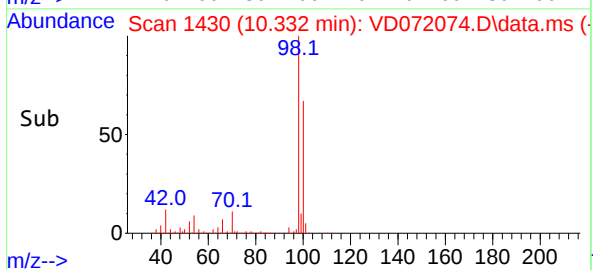
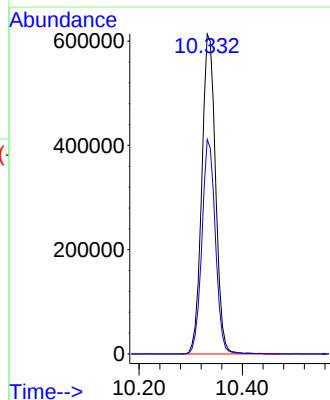
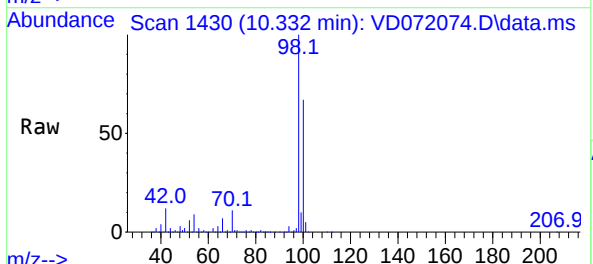
Instrument :
MSVOA_D
ClientSampleId :
GS-2

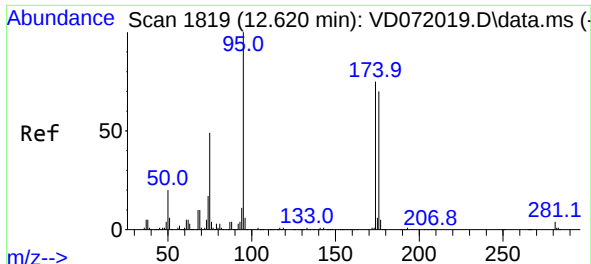
Tgt Ion:117 Resp: 58415
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 54.767 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 98 Resp: 1130973
Ion Ratio Lower Upper
98 100
100 65.7 53.8 80.6

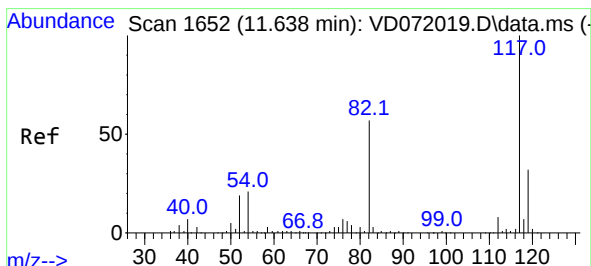
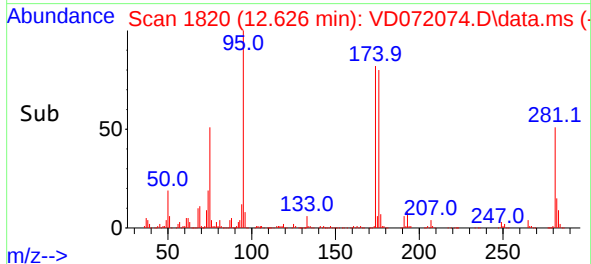
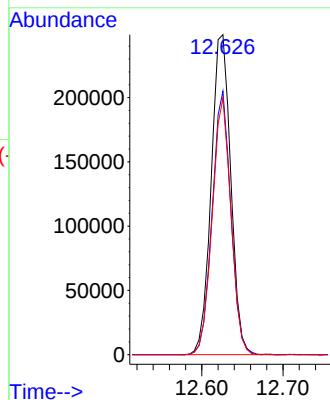
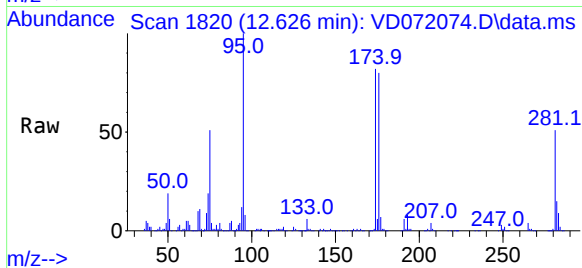




#62
4-Bromofluorobenzene
Concen: 54.798 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

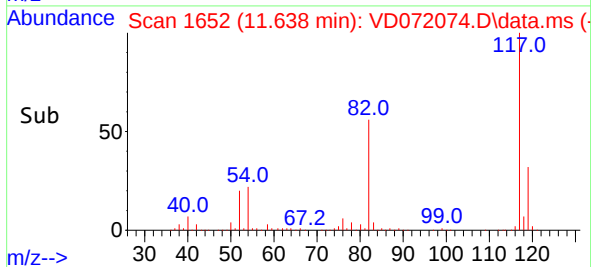
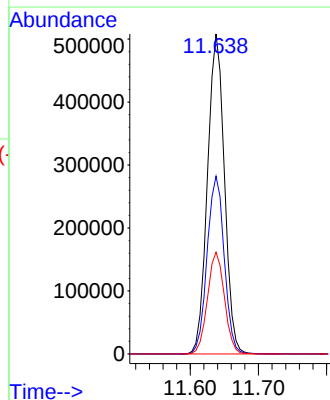
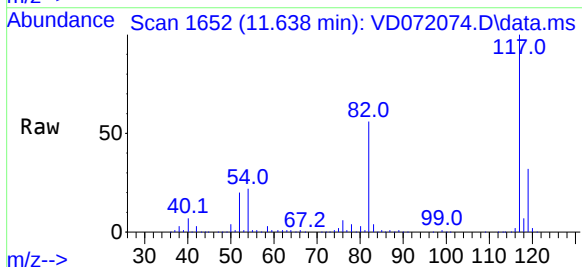
Instrument :
MSVOA_D
ClientSampleId :
GS-2

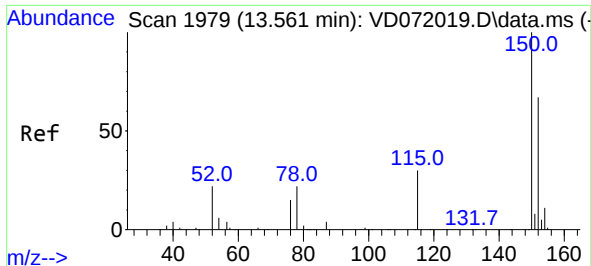
Tgt Ion: 95 Resp: 415673
Ion Ratio Lower Upper
95 100
174 78.9 0.0 155.0
176 76.5 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

Tgt Ion: 117 Resp: 878259
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 31.8 25.4 38.2

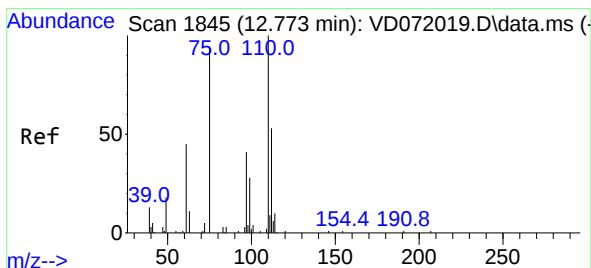
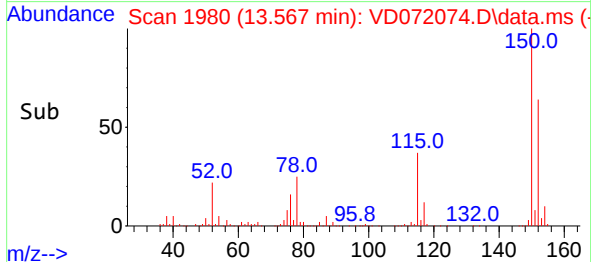
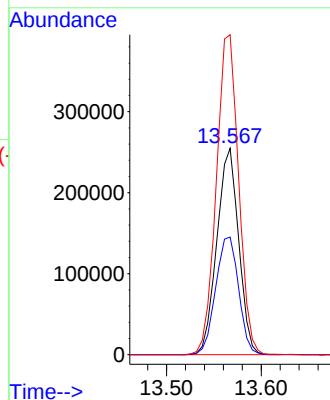
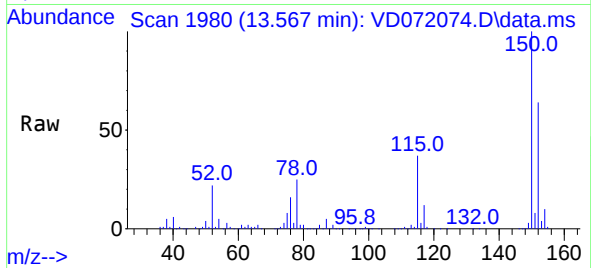




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

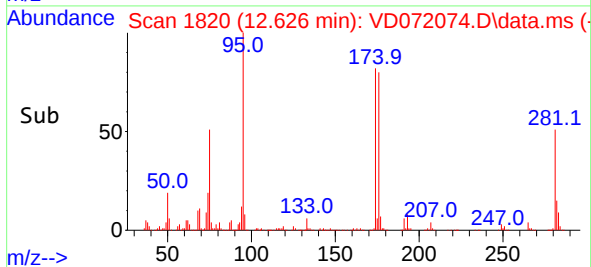
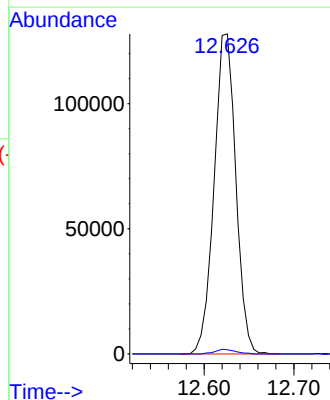
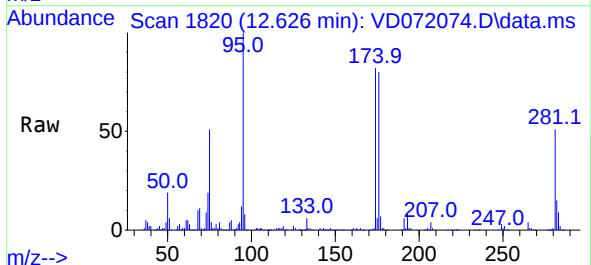
Instrument :
MSVOA_D
ClientSampleId :
GS-2

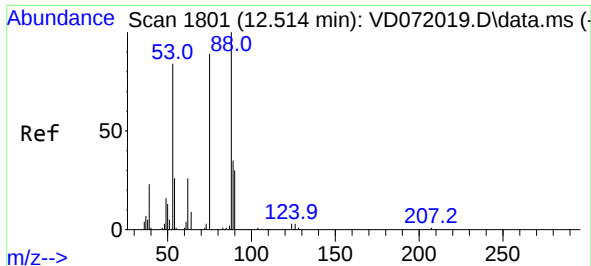
Tgt Ion:152 Resp: 408048
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.7
150 158.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 55.576 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072074.D
Acq: 23 Feb 2022 15:06

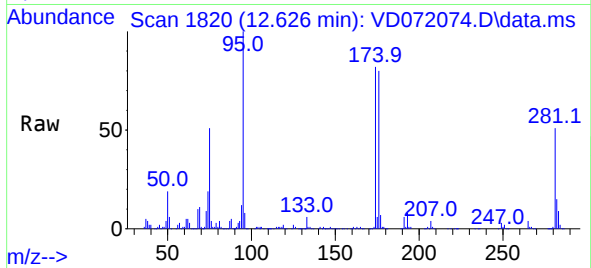
Tgt Ion: 75 Resp: 214809
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.175 ug/l
 RT: 12.626 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VD072074.D
 Acq: 23 Feb 2022 15:06

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-2



Tgt Ion: 75 Resp: 214809
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.2 120.4#
 89 0.8 36.4 54.6#

