

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
 Data File : VD072073.D
 Acq On : 23 Feb 2022 14:38
 Operator : VA/SY
 Sample : N1598-01
 Misc : 6.37G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GS-1

Quant Time: Feb 24 06:46:53 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)

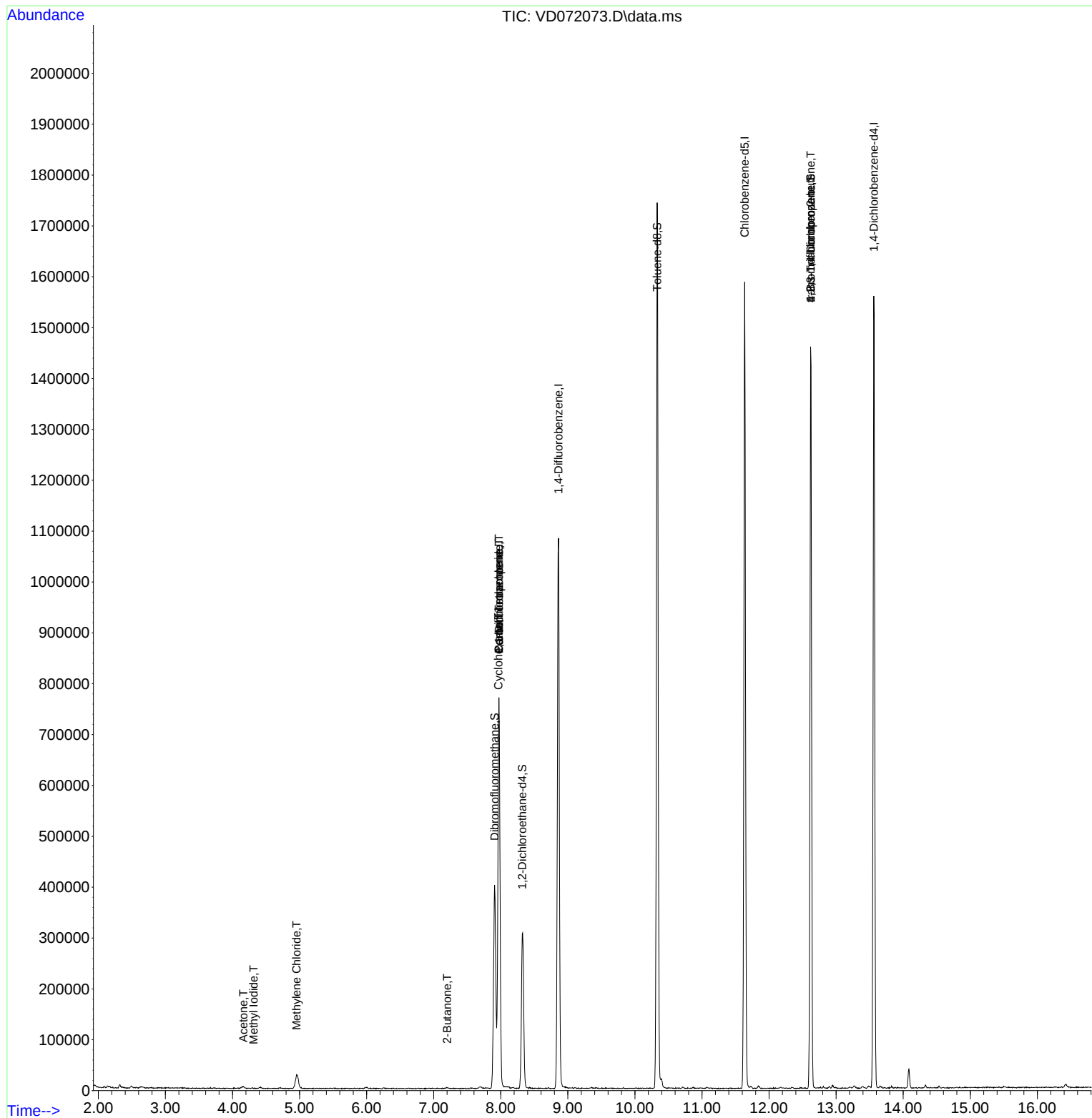
Internal Standards						
1) Pentafluorobenzene	7.973	168	551953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	928091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	887721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	413219	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	256059	44.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.440%
35) Dibromofluoromethane	7.908	113	288595	51.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.640%
50) Toluene-d8	10.332	98	1150616	55.179	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.360%
62) 4-Bromofluorobenzene	12.620	95	406362	53.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.100%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	716	Below Cal		81
10) Methyl Iodide	4.314	142	398	2.984 ug/l	#	87
16) Acetone	4.162	43	7200	5.819 ug/l	#	73
18) Methyl Acetate	4.714	43	1330	Below Cal	#	52
20) Methylene Chloride	4.956	84	21575	3.503 ug/l		89
25) 2-Butanone	7.203	43	1797	1.051 ug/l	#	50
31) Cyclohexane	7.967	56	13773	1.362 ug/l	#	5
36) 1,1-Dichloropropene	7.973	75	44479	5.222 ug/l	#	49
38) Carbon Tetrachloride	7.973	117	56768	6.503 ug/l	#	16
76) 1,2,3-Trichloropropane	12.620	75	210686	53.827 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	210686	134.795 ug/l	#	10

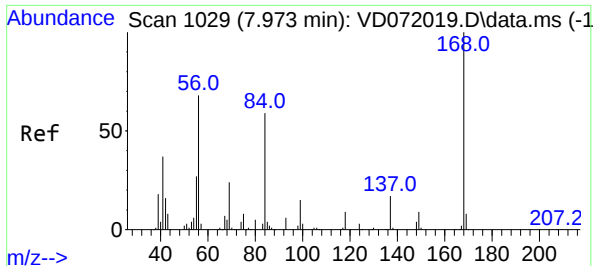
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022322\
Data File : VD072073.D
Acq On : 23 Feb 2022 14:38
Operator : VA/SY
Sample : N1598-01
Misc : 6.37G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
GS-1

Quant Time: Feb 24 06:46:53 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

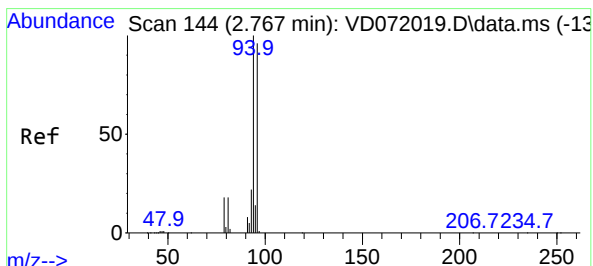
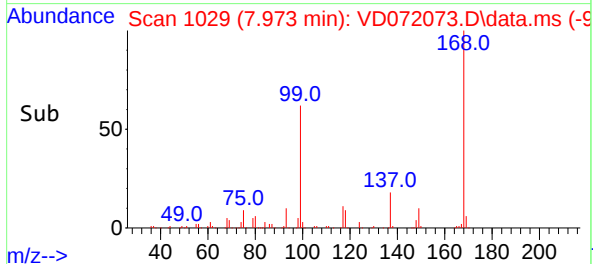
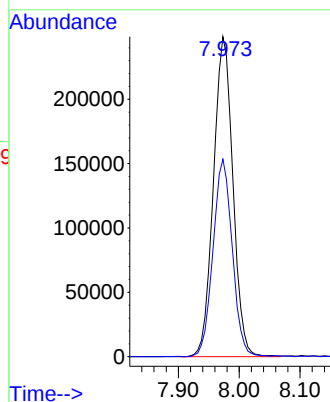
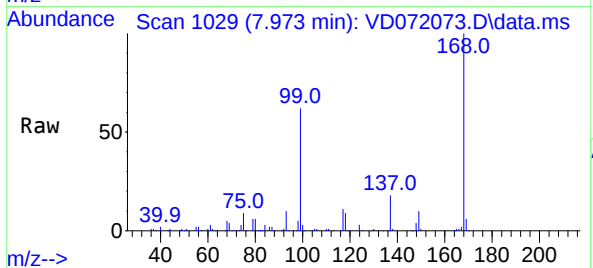




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

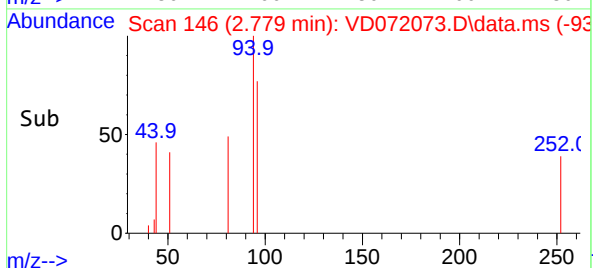
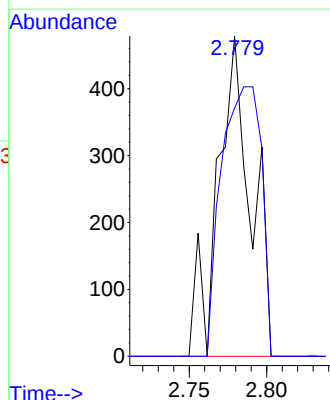
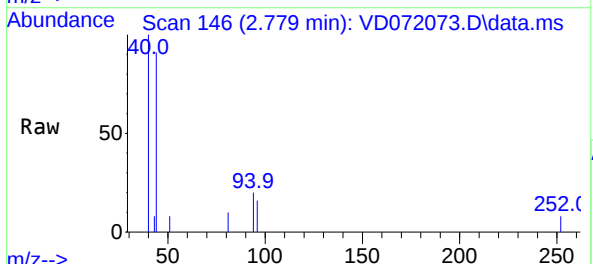
Instrument :
MSVOA_D
ClientSampleId :
GS-1

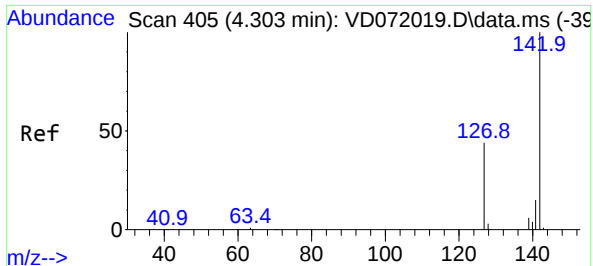
Tgt Ion:168 Resp: 551953
Ion Ratio Lower Upper
168 100
99 61.6 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion: 94 Resp: 716
Ion Ratio Lower Upper
94 100
96 77.5 76.8 115.2

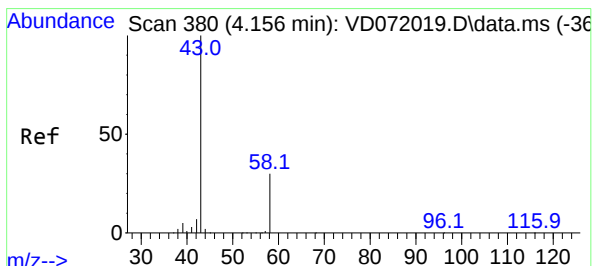
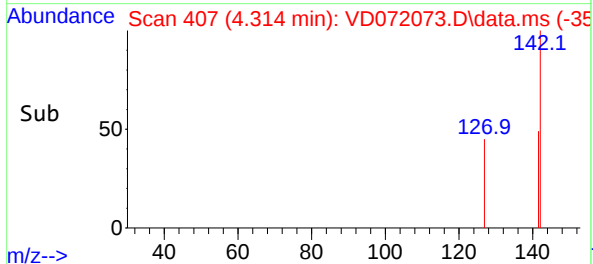
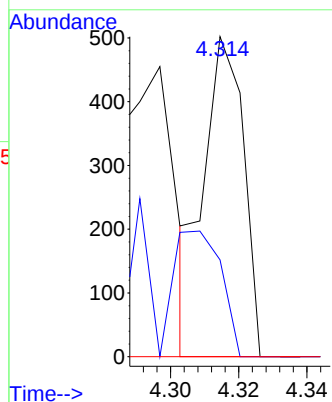
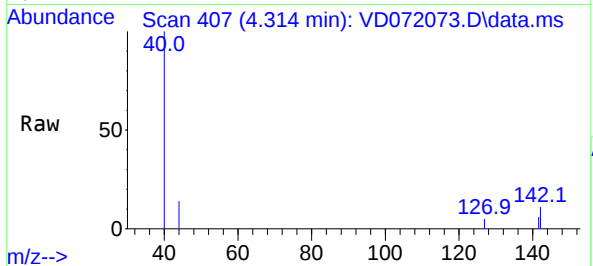




#10
Methyl Iodide
Concen: 2.984 ug/l
RT: 4.314 min Scan# 405
Delta R.T. 0.011 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

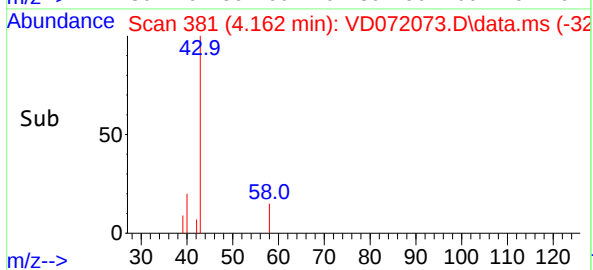
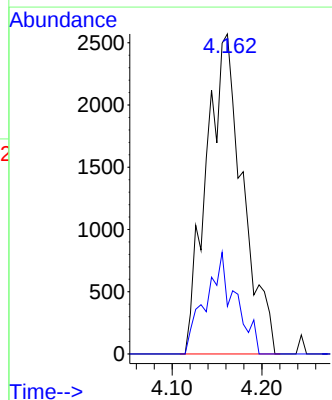
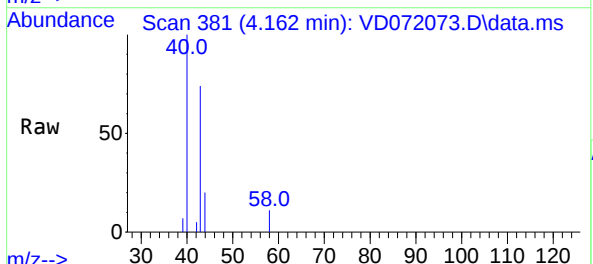
Instrument :
MSVOA_D
ClientSampleId :
GS-1

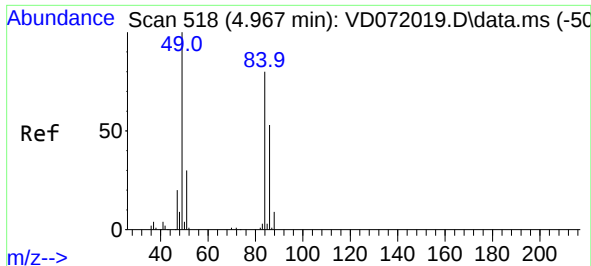
Tgt Ion:	142	Resp:	398
Ion	Ratio	Lower	Upper
142	100		
127	48.2	35.8	53.8
141	0.0	11.6	17.4#



#16
Acetone
Concen: 5.819 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion:	43	Resp:	7200
Ion	Ratio	Lower	Upper
43	100		
58	14.9	23.8	35.6#



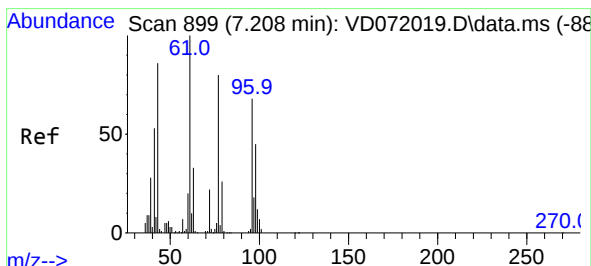
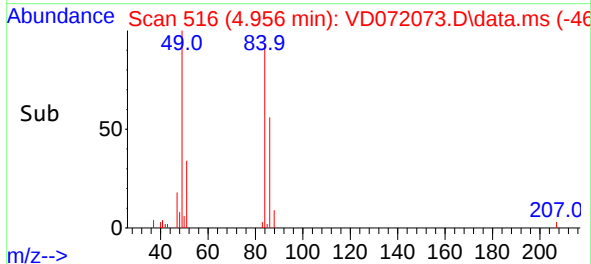
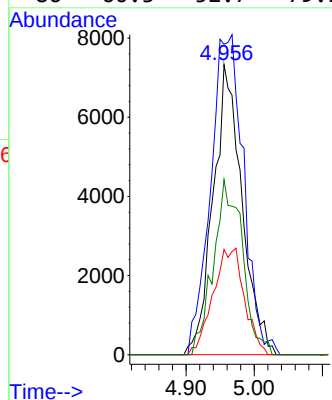
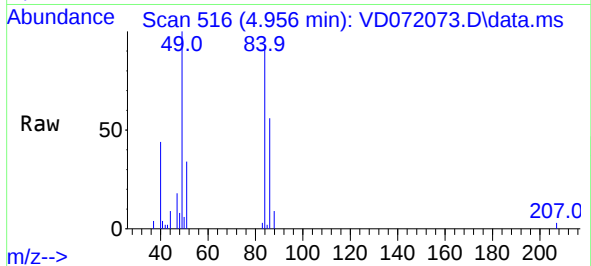


#20
Methylene Chloride
Concen: 3.503 ug/l
RT: 4.956 min Scan# 518
Delta R.T. -0.012 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Instrument :
MSVOA_D
ClientSampleId :
GS-1

Tgt Ion: 84 Resp: 21575

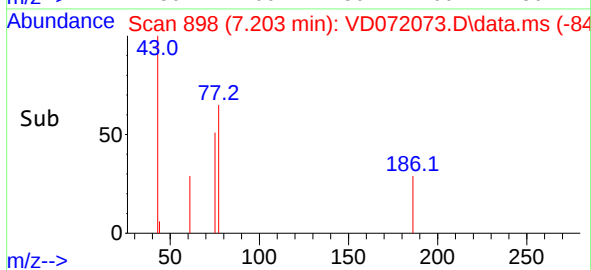
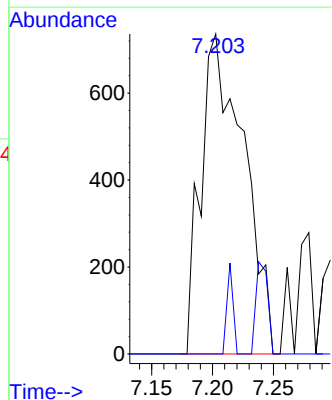
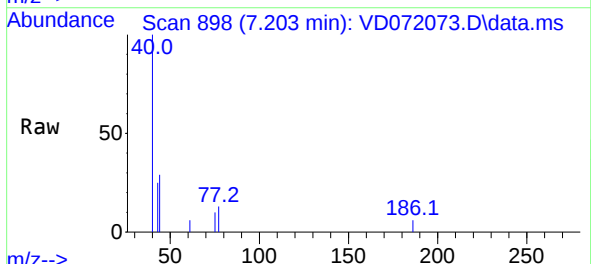
Ion	Ratio	Lower	Upper
84	100		
49	107.0	100.0	150.0
51	36.2	30.2	45.4
86	60.3	52.7	79.1

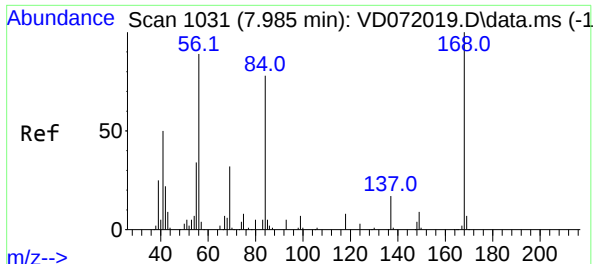


#25
2-Butanone
Concen: 1.051 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion: 43 Resp: 1797

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.3	30.5





#31

Cyclohexane

Concen: 1.362 ug/l

RT: 7.967 min Scan# 1031

Delta R.T. -0.018 min

Lab File: VD072073.D

Acq: 23 Feb 2022 14:38

Instrument :

MSVOA_D

ClientSampleId :

GS-1

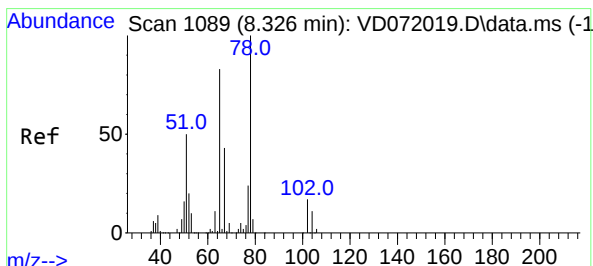
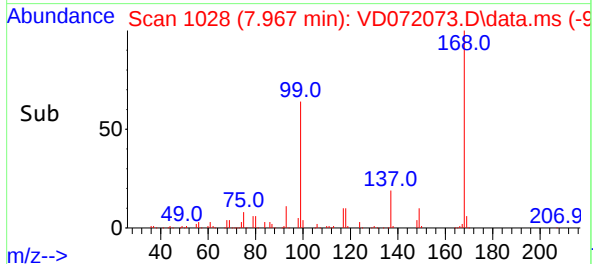
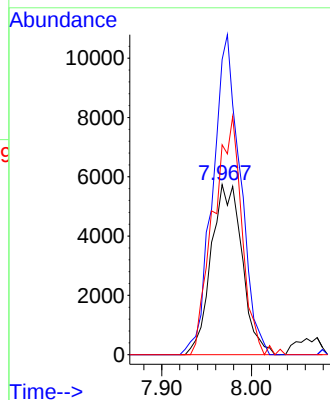
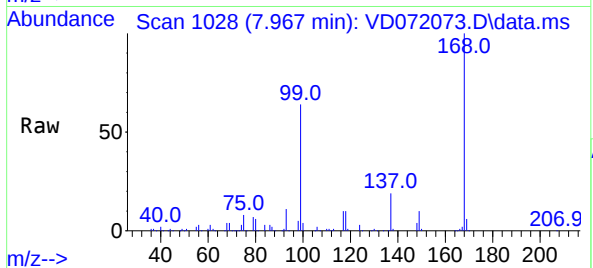
Tgt Ion: 56 Resp: 13773

Ion Ratio Lower Upper

56 100

69 173.5 28.9 43.3#

84 123.4 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 44.723 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD072073.D

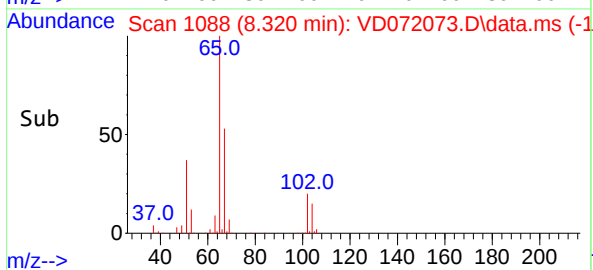
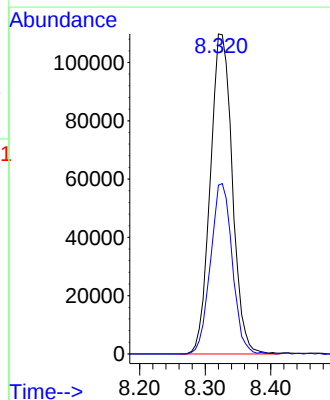
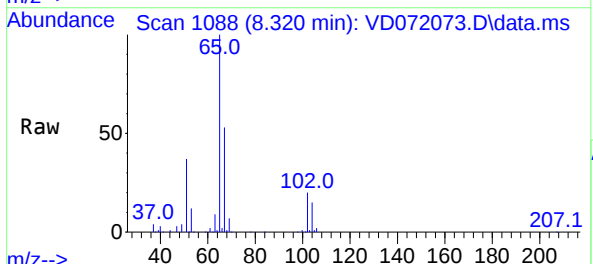
Acq: 23 Feb 2022 14:38

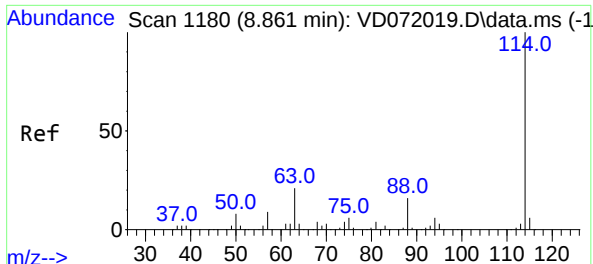
Tgt Ion: 65 Resp: 256059

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.6



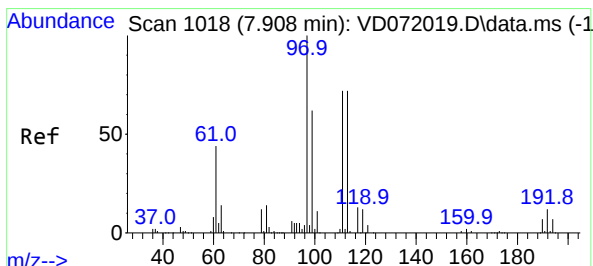
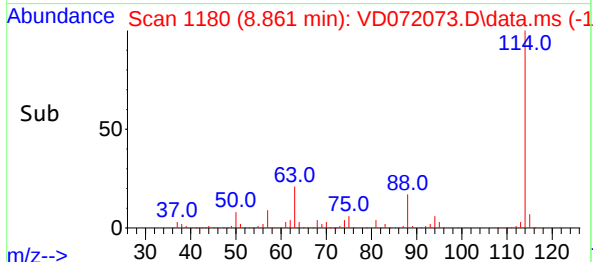
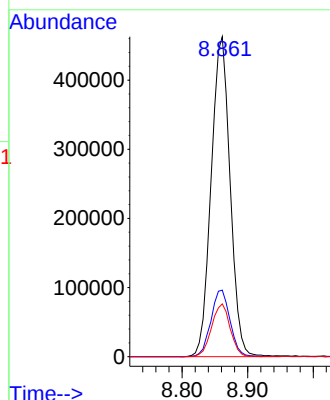
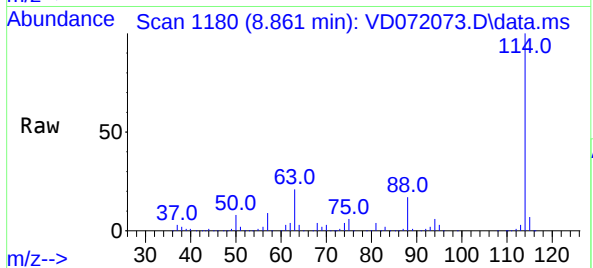


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Instrument :
MSVOA_D
ClientSampleId :
GS-1

Tgt Ion:114 Resp: 928091

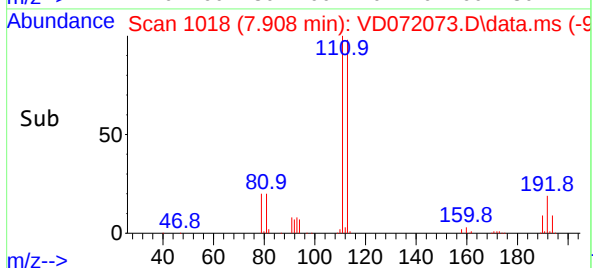
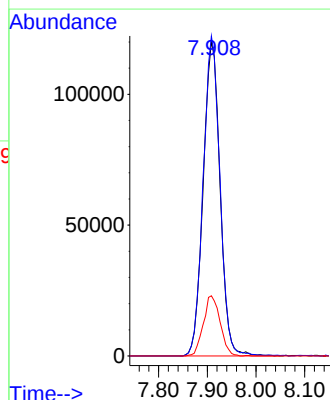
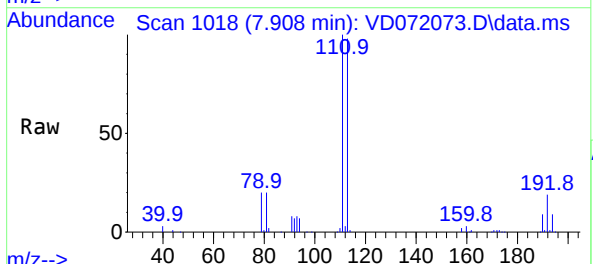
Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.2
88	16.5	0.0	31.2

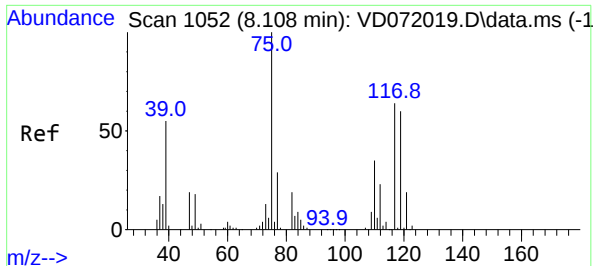


#35
Dibromofluoromethane
Concen: 51.324 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion:113 Resp: 288595

Ion	Ratio	Lower	Upper
113	100		
111	101.0	83.0	124.4
192	19.0	15.3	22.9

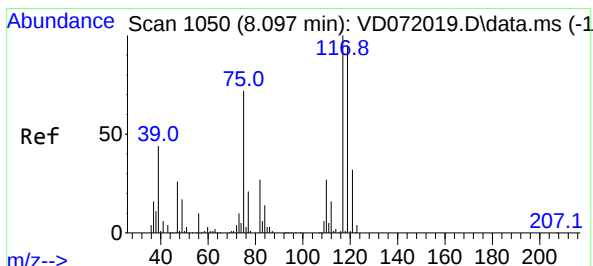
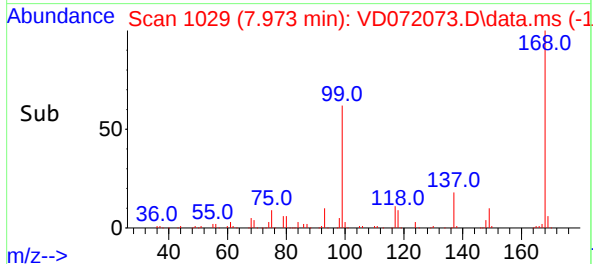
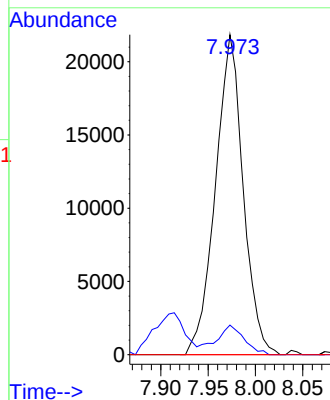
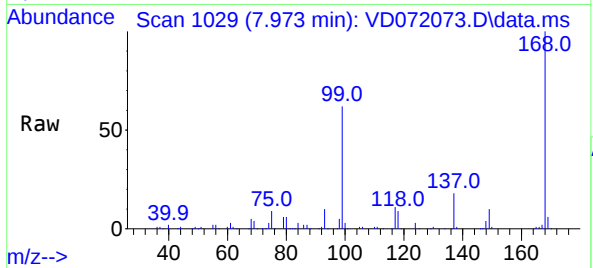




#36
1,1-Dichloropropene
Concen: 5.222 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

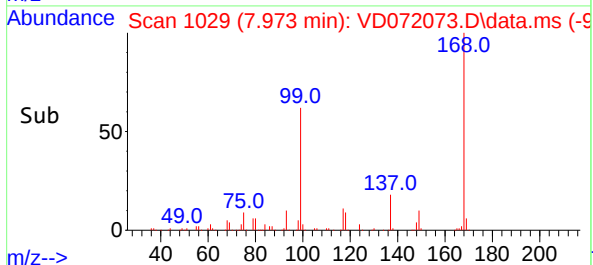
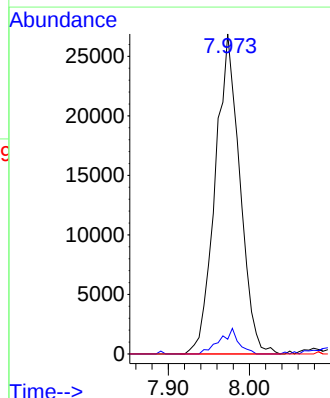
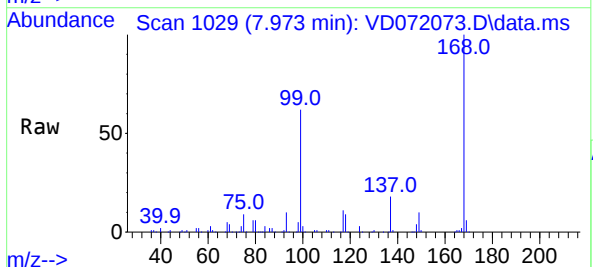
Instrument :
MSVOA_D
ClientSampleId :
GS-1

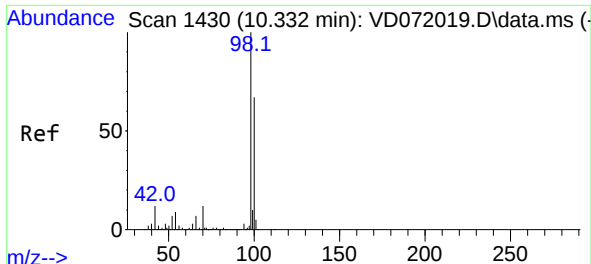
Tgt Ion: 75 Resp: 44479
Ion Ratio Lower Upper
75 100
110 8.9 17.7 53.1#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.503 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion: 117 Resp: 56768
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 25.8 38.6#

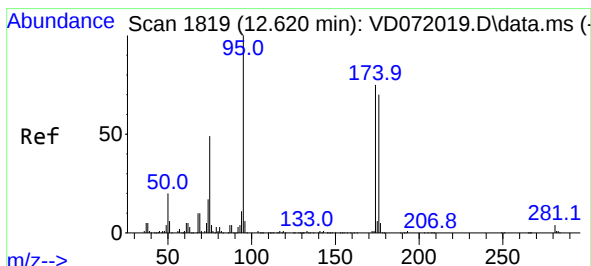
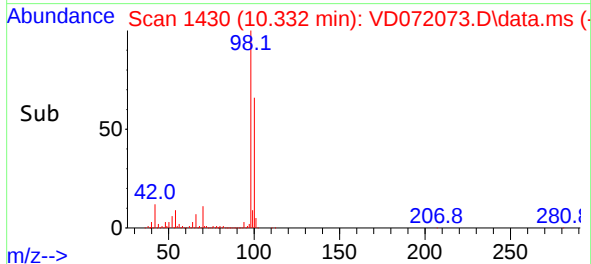
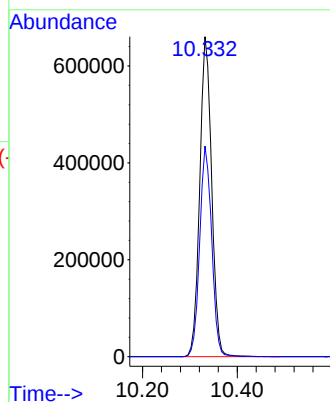
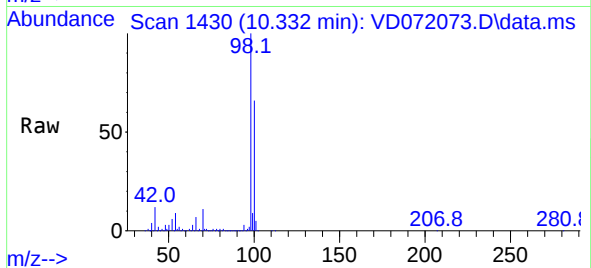




#50
Toluene-d8
Concen: 55.179 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

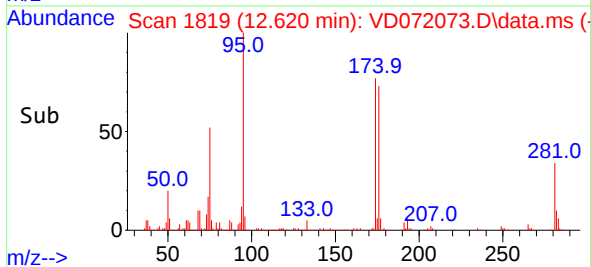
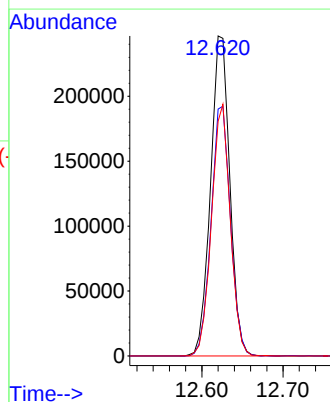
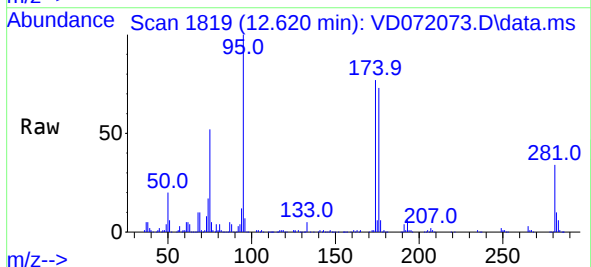
Instrument :
MSVOA_D
ClientSampleId :
GS-1

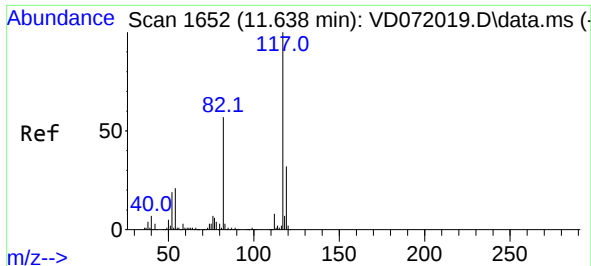
Tgt Ion: 98 Resp: 1150616
Ion Ratio Lower Upper
98 100
100 66.2 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.052 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion: 95 Resp: 406362
Ion Ratio Lower Upper
95 100
174 78.4 0.0 155.0
176 76.5 0.0 148.8

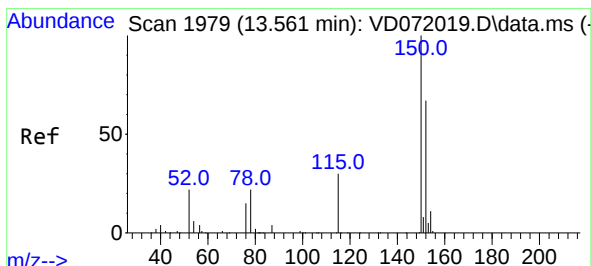
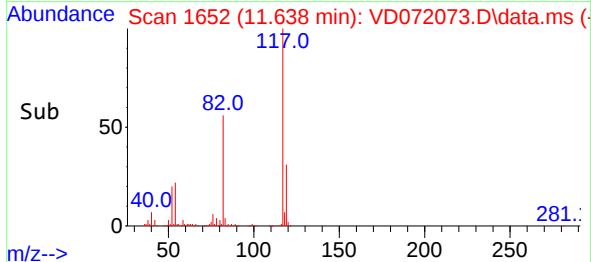
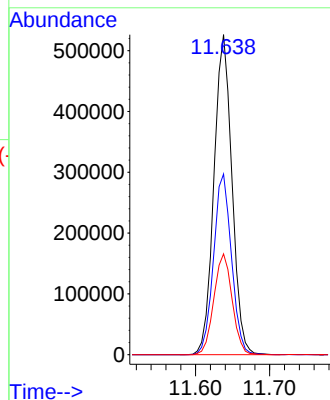
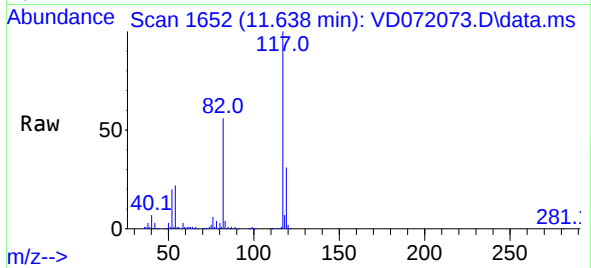




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

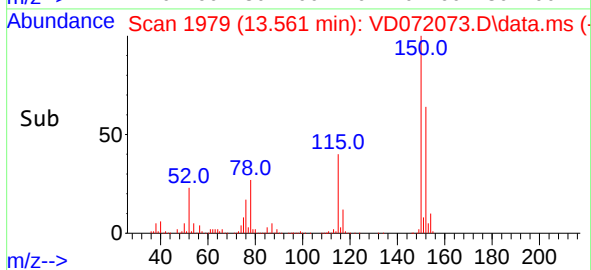
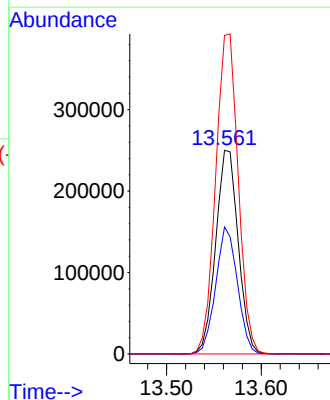
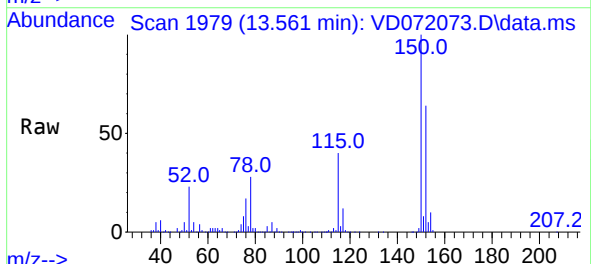
Instrument :
MSVOA_D
ClientSampleId :
GS-1

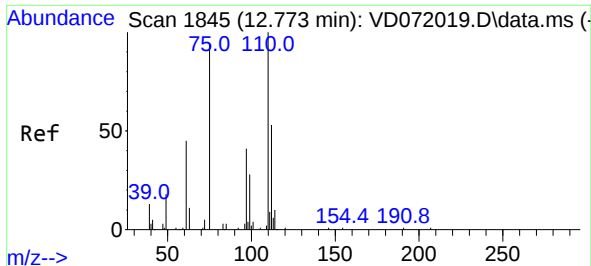
Tgt Ion:117 Resp: 887721
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion:152 Resp: 413219
Ion Ratio Lower Upper
152 100
115 60.2 29.9 89.7
150 157.4 0.0 347.6

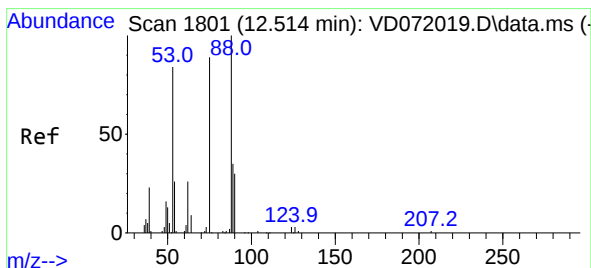
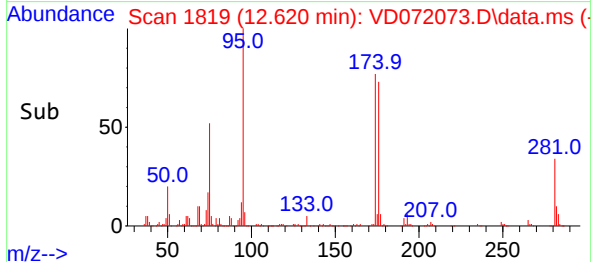
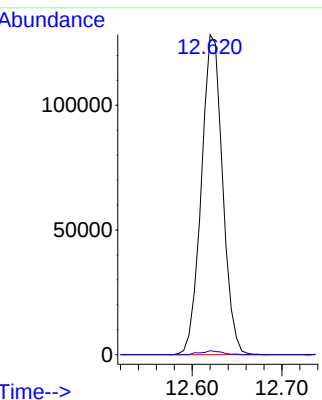
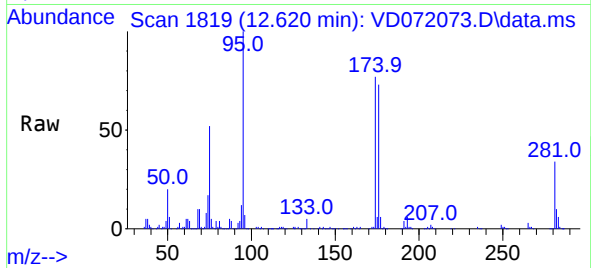




#76
1,2,3-Trichloropropane
Concen: 53.827 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Instrument :
MSVOA_D
ClientSampleId :
GS-1

Tgt Ion: 75 Resp: 210686
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.795 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072073.D
Acq: 23 Feb 2022 14:38

Tgt Ion: 75 Resp: 210686
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.7 36.4 54.6#

