

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072319.D
 Acq On : 19 Mar 2022 06:01
 Operator : VA/SY
 Sample : N1970-11
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-4-1-0-1

Quant Time: Mar 19 08:10:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

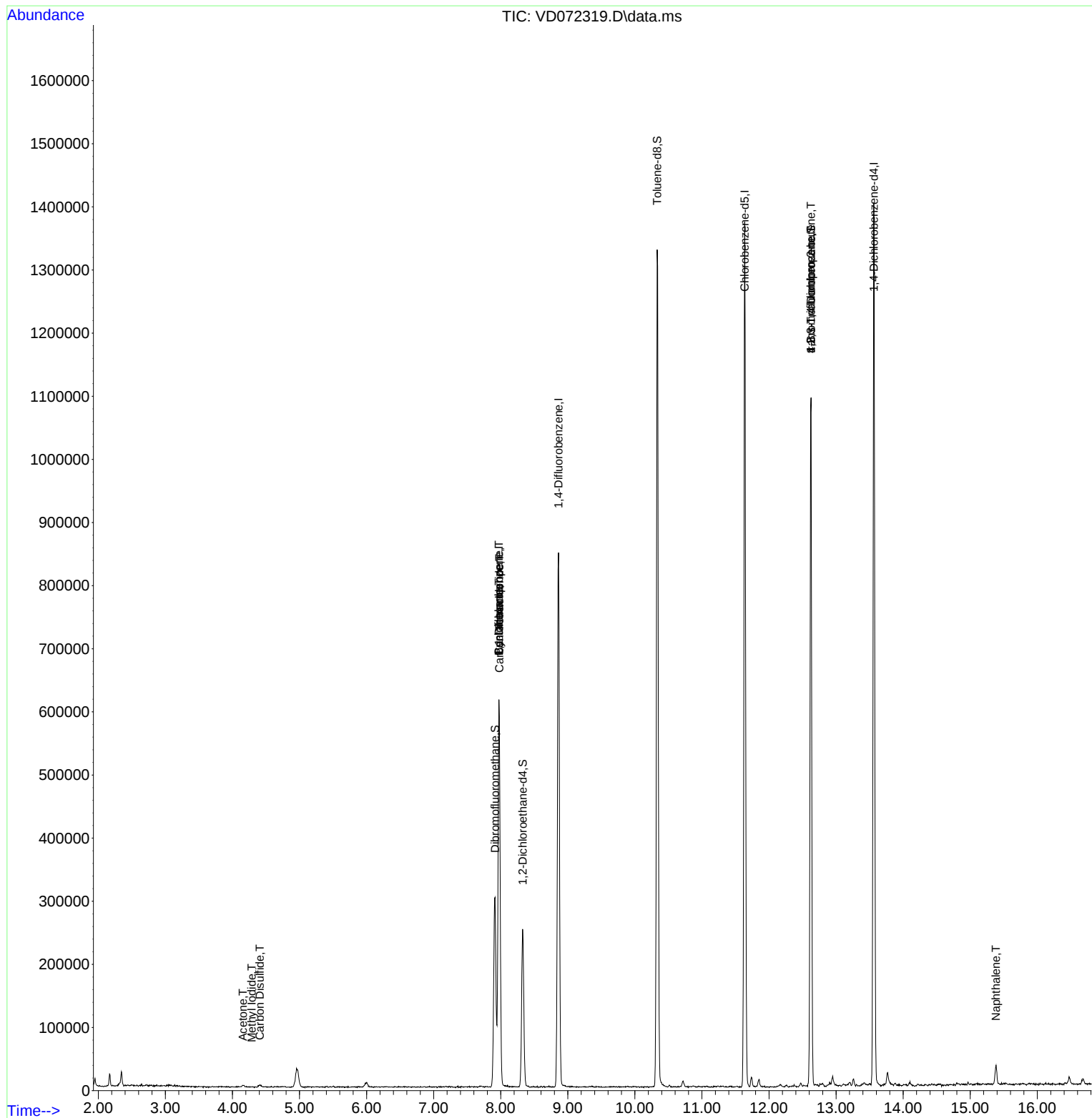
Internal Standards						
1) Pentafluorobenzene	7.973	168	443554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	724998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	767061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	366666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	195900	39.631	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	79.260%		
35) Dibromofluoromethane	7.914	113	222695	43.650	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.300%		
50) Toluene-d8	10.332	98	907843	48.665	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.320%		
62) 4-Bromofluorobenzene	12.626	95	371352	51.232	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	102.460%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	397	2.310	ug/l #	38
16) Acetone	4.156	43	5143	4.792	ug/l #	88
17) Carbon Disulfide	4.409	76	5842	2.097	ug/l	98
20) Methylene Chloride	4.956	84	22314	Below Cal		91
31) Cyclohexane	7.973	56	10229	1.324	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	37123	5.187	ug/l #	52
38) Carbon Tetrachloride	7.979	117	47133	5.793	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	191759	47.411	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	191759	117.630	ug/l #	7
95) Naphthalene	15.385	128	26808	1.966	ug/l	97

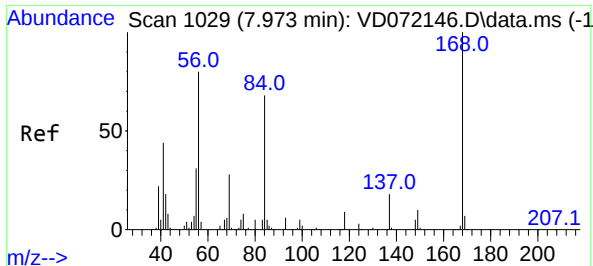
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

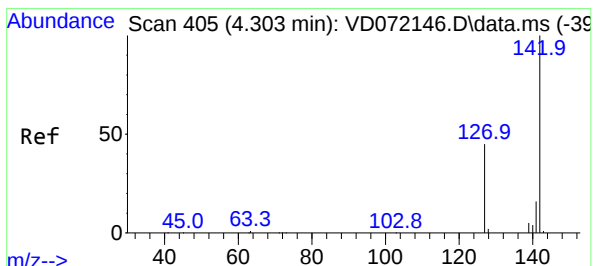
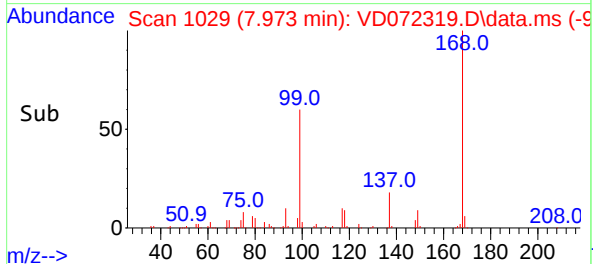
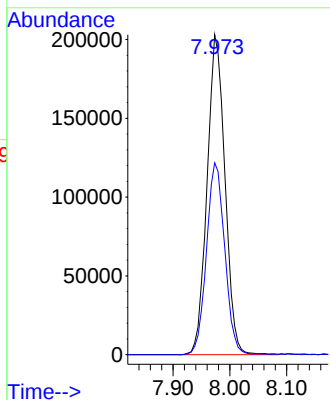
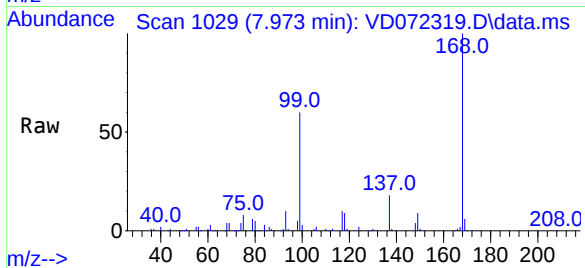




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

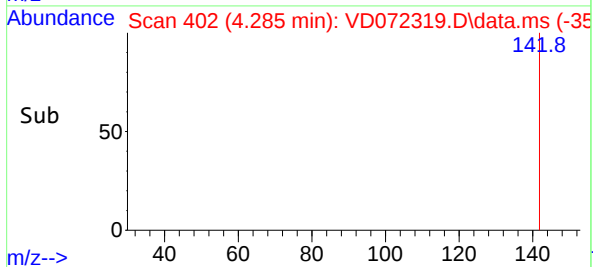
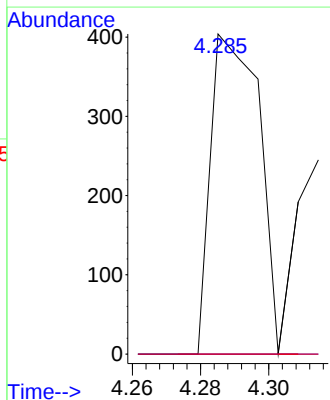
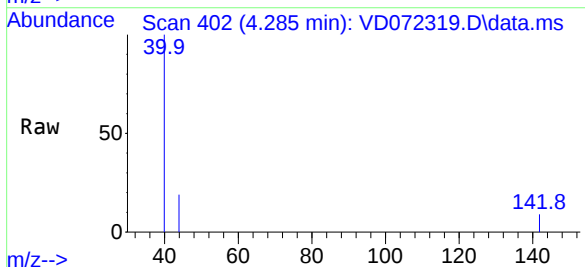
Instrument :
MSVOA_D
ClientSampleId :
G-4-1-0-1

Tgt Ion:168 Resp: 443554
Ion Ratio Lower Upper
168 100
99 59.9 49.8 74.6



#10
Methyl Iodide
Concen: 2.310 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.018 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

Tgt Ion:142 Resp: 397
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

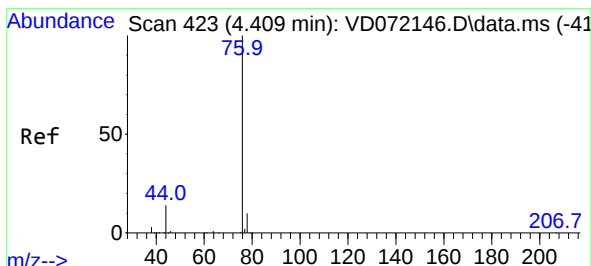
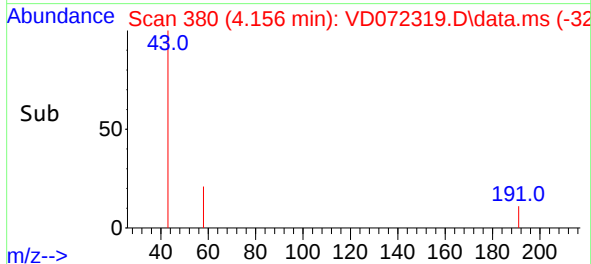
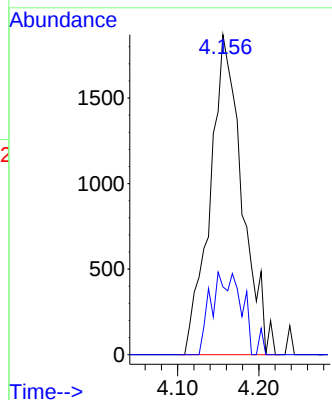
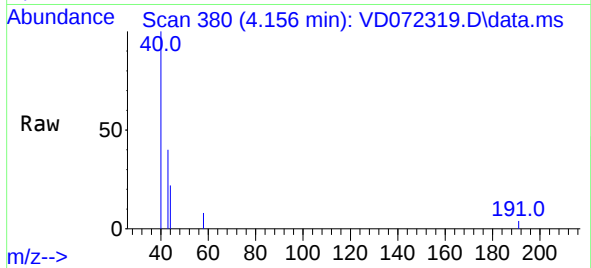




#16
Acetone
Concen: 4.792 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

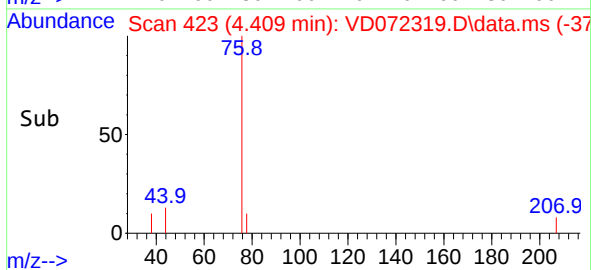
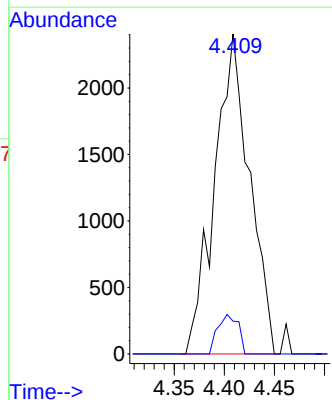
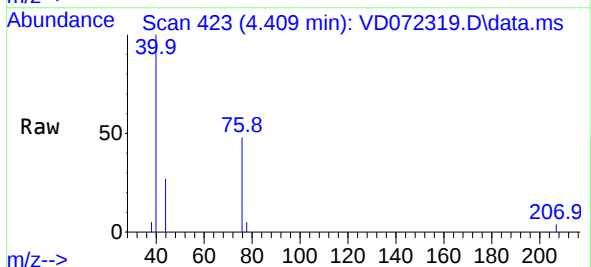
Instrument :
MSVOA_D
ClientSampleId :
G-4-1-0-1

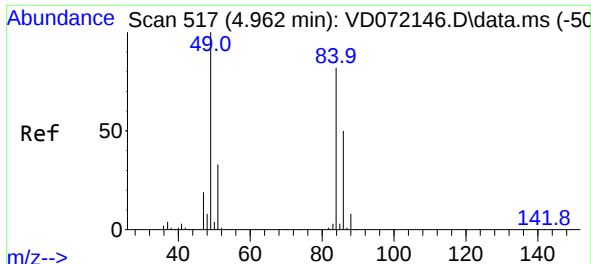
Tgt Ion: 43 Resp: 5143
Ion Ratio Lower Upper
43 100
58 21.2 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.097 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

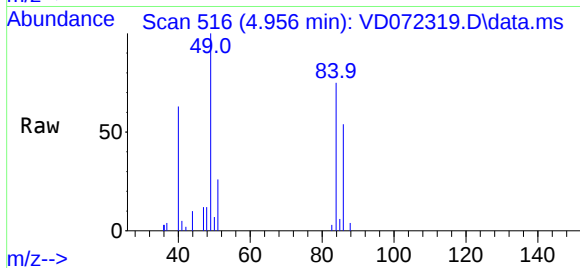
Tgt Ion: 76 Resp: 5842
Ion Ratio Lower Upper
76 100
78 10.3 7.5 11.3





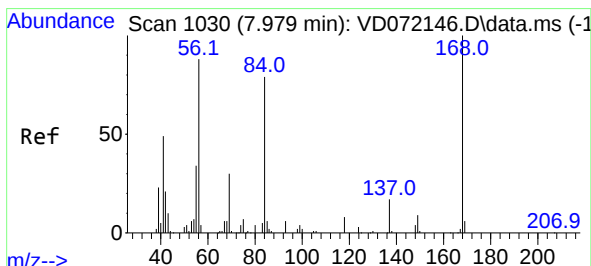
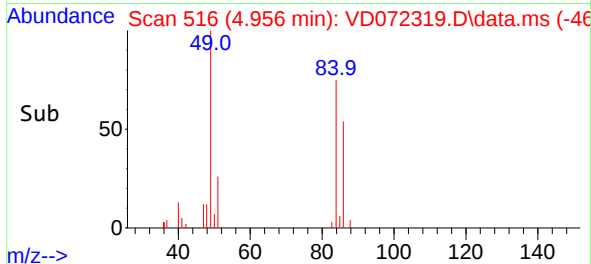
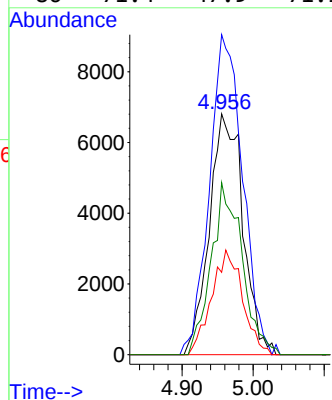
#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

Instrument :
MSVOA_D
ClientSampleId :
G-4-1-0-1



Tgt Ion: 84 Resp: 22314

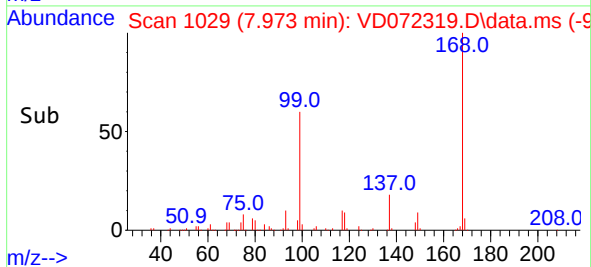
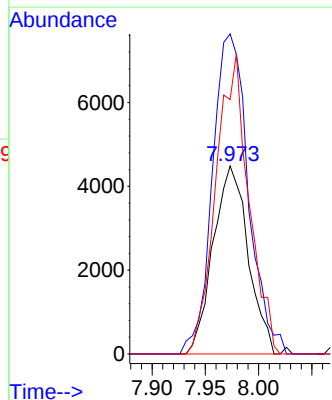
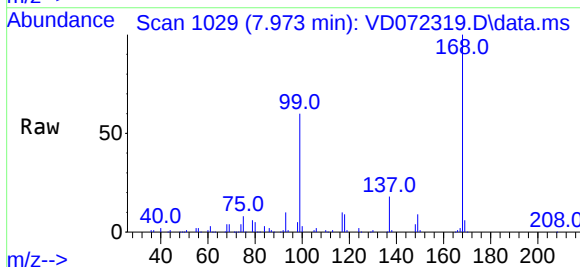
Ion	Ratio	Lower	Upper
84	100		
49	132.9	112.8	169.2
51	34.2	32.6	48.8
86	71.4	47.9	71.9

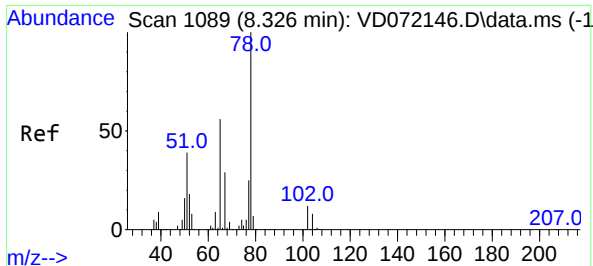


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

Tgt Ion: 56 Resp: 10229

Ion	Ratio	Lower	Upper
56	100		
69	170.2	25.4	38.2#
84	135.3	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 39.631 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072319.D

Acq: 19 Mar 2022 06:01

Instrument :

MSVOA_D

ClientSampleId :

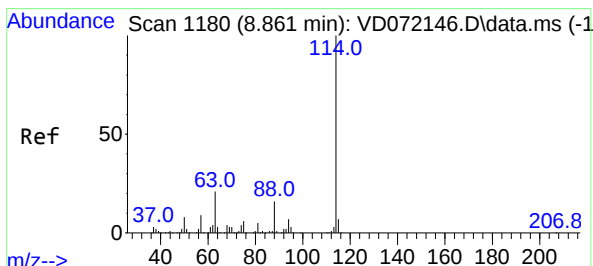
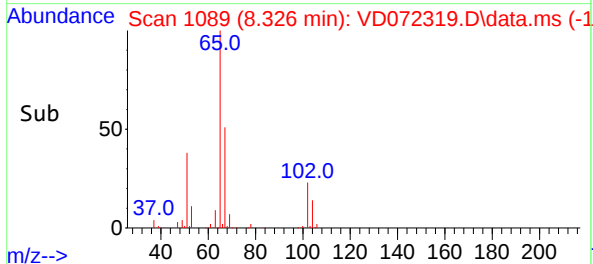
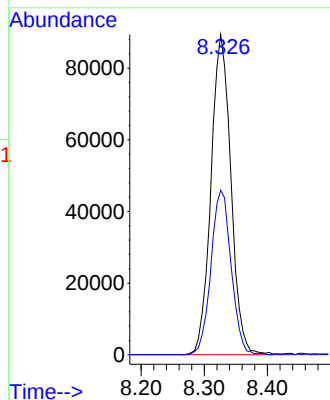
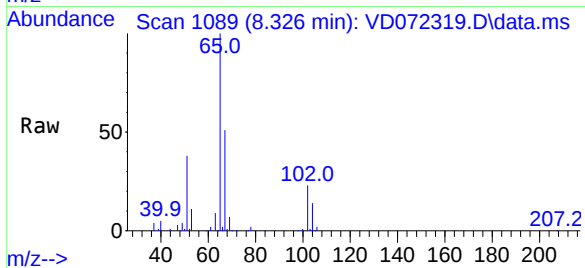
G-4-1-0-1

Tgt Ion: 65 Resp: 195900

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072319.D

Acq: 19 Mar 2022 06:01

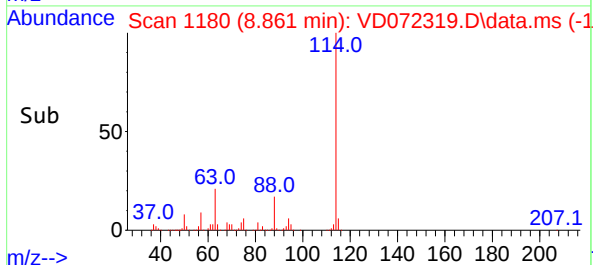
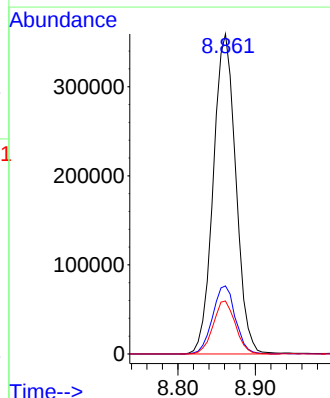
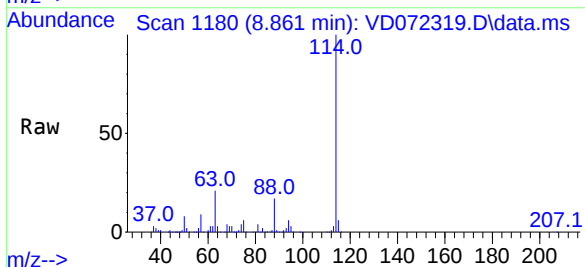
Tgt Ion: 114 Resp: 724998

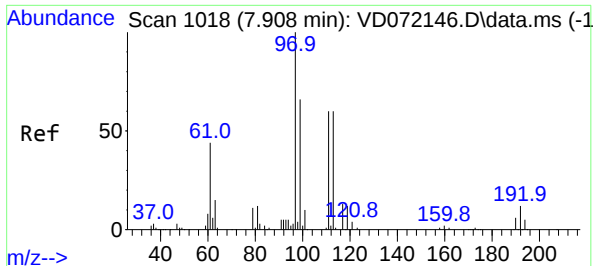
Ion Ratio Lower Upper

114 100

63 21.3 0.0 46.6

88 16.5 0.0 33.2

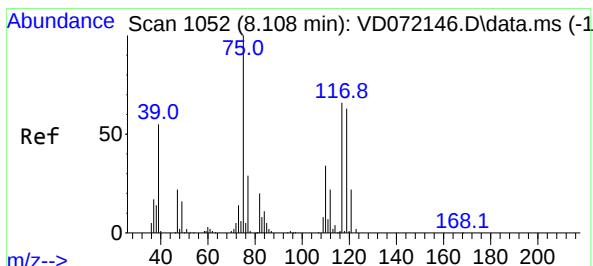
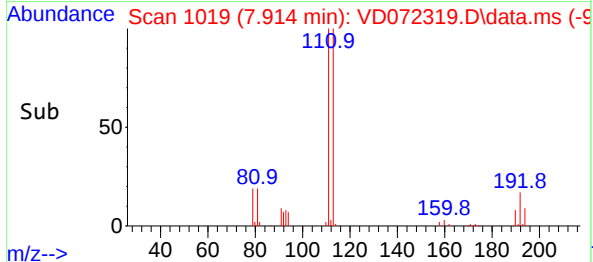
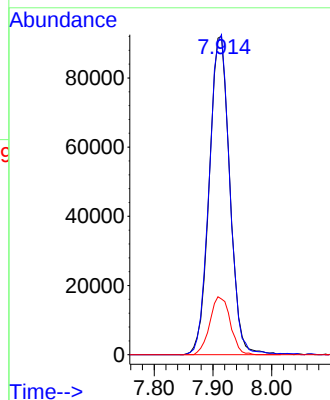
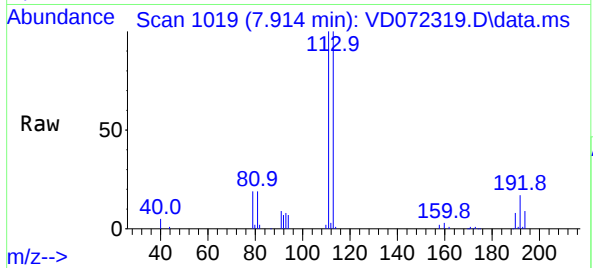




#35
Dibromofluoromethane
Concen: 43.650 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

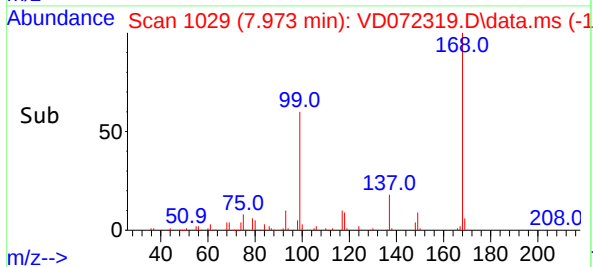
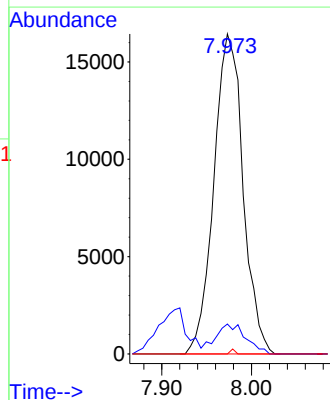
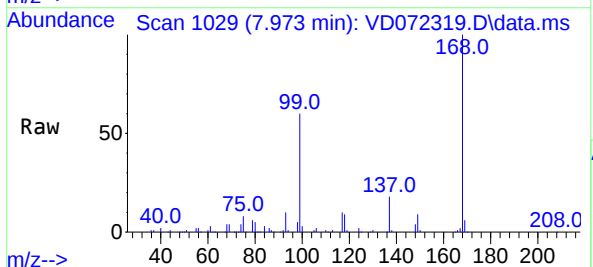
Instrument :
MSVOA_D
ClientSampleId :
G-4-1-0-1

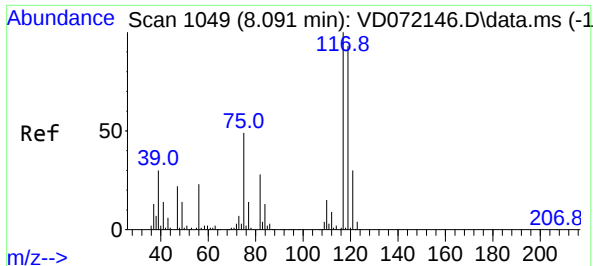
Tgt Ion:113 Resp: 222695
Ion Ratio Lower Upper
113 100
111 100.2 83.8 125.6
192 18.2 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.187 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

Tgt Ion: 75 Resp: 37123
Ion Ratio Lower Upper
75 100
110 9.8 16.4 49.1#
77 0.2 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 5.793 ug/l

RT: 7.979 min Scan# 10

Delta R.T. -0.112 min

Lab File: VD072319.D

Acq: 19 Mar 2022 06:01

Instrument :

MSVOA_D

ClientSampleId :

G-4-1-0-1

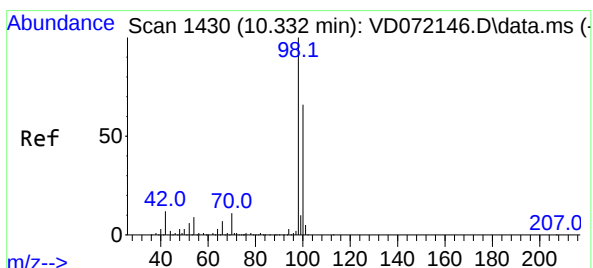
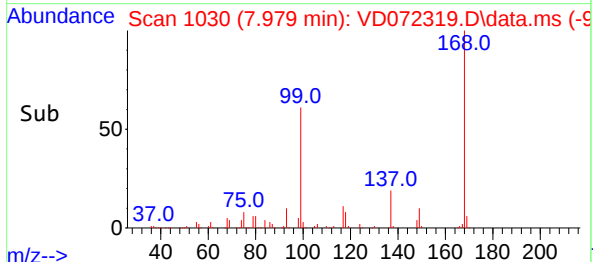
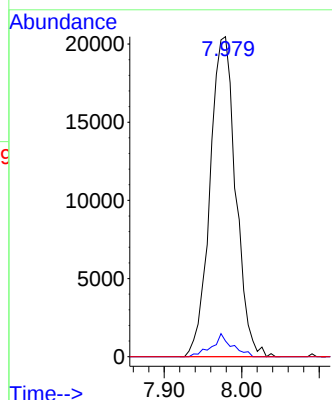
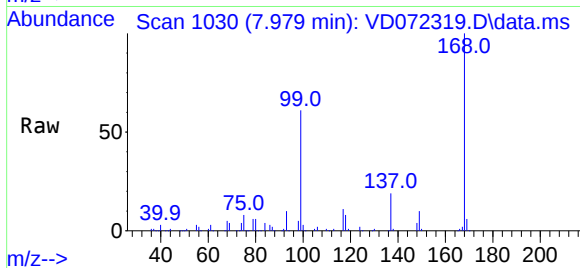
Tgt Ion:117 Resp: 47133

Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.5 36.7#



#50

Toluene-d8

Concen: 48.665 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD072319.D

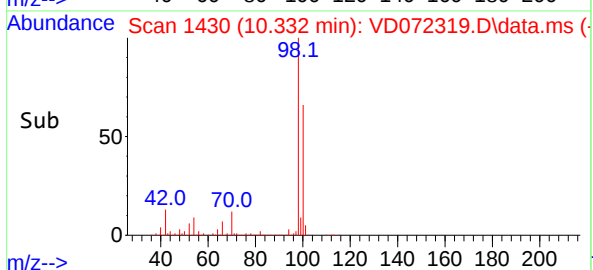
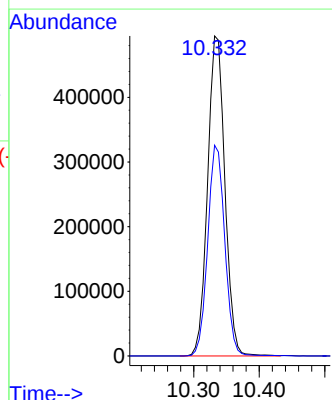
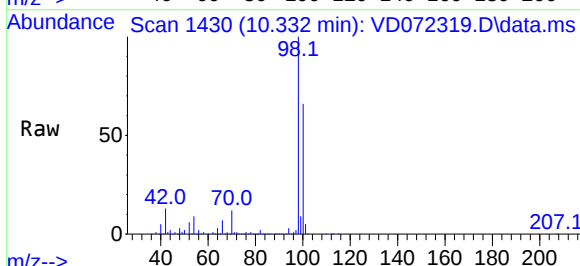
Acq: 19 Mar 2022 06:01

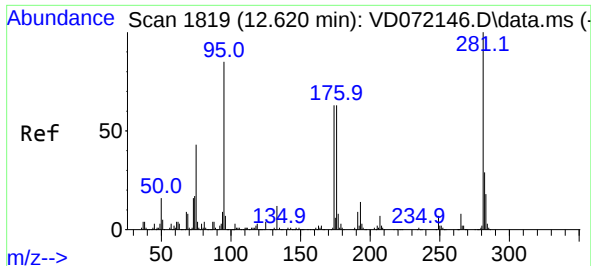
Tgt Ion: 98 Resp: 907843

Ion Ratio Lower Upper

98 100

100 65.0 52.4 78.6

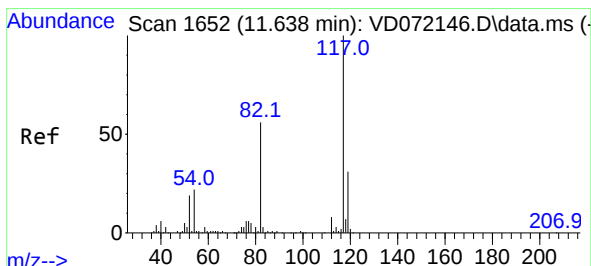
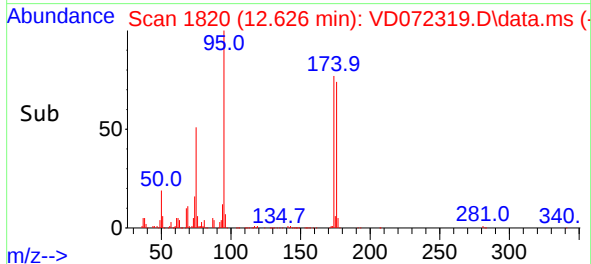
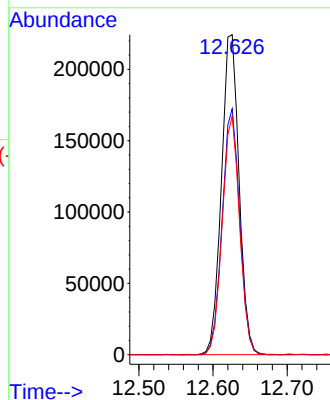
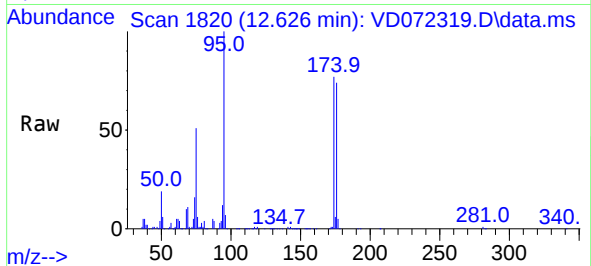




#62
4-Bromofluorobenzene
Concen: 51.232 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

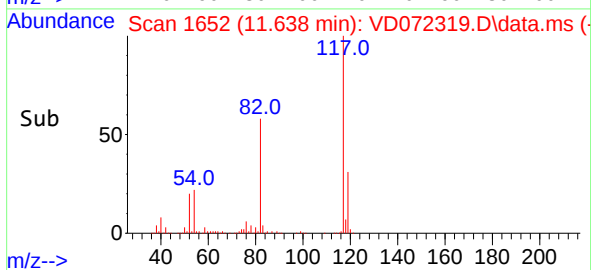
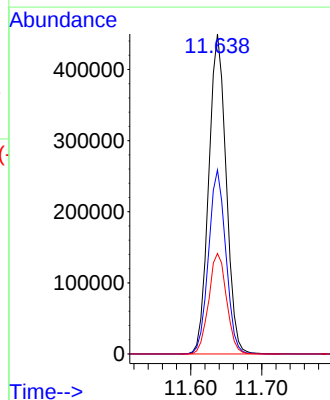
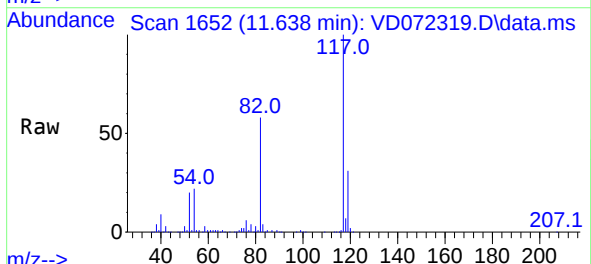
Instrument :
MSVOA_D
ClientSampleId :
G-4-1-0-1

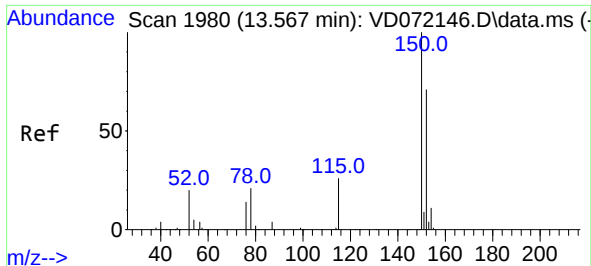
Tgt Ion: 95 Resp: 371352
Ion Ratio Lower Upper
95 100
174 76.4 0.0 152.8
176 73.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

Tgt Ion: 117 Resp: 767061
Ion Ratio Lower Upper
117 100
82 57.5 45.3 67.9
119 31.4 26.6 40.0

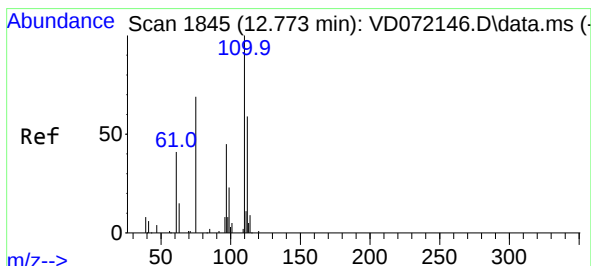
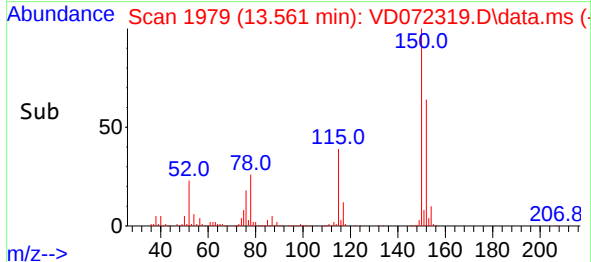
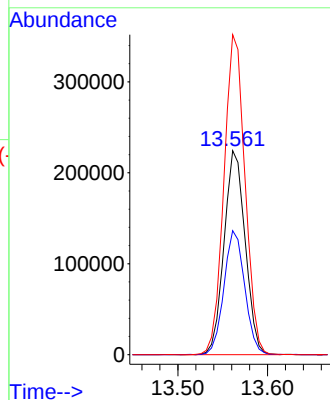
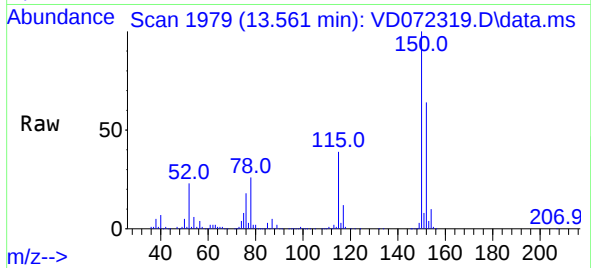




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

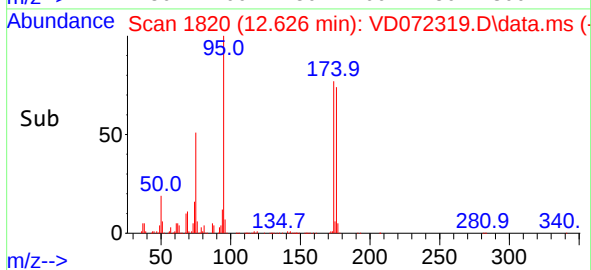
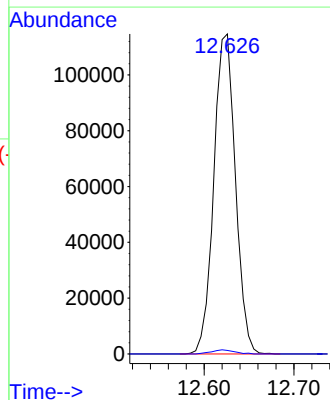
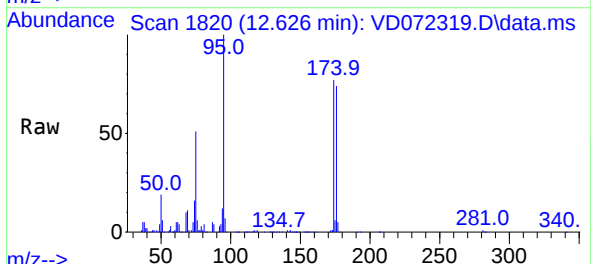
Instrument :
MSVOA_D
ClientSampleId :
G-4-1-0-1

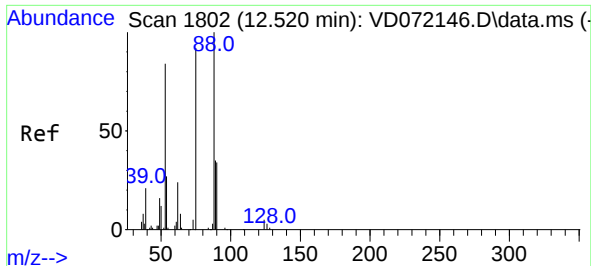
Tgt Ion:152 Resp: 366666
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 156.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.411 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

Tgt Ion: 75 Resp: 191759
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

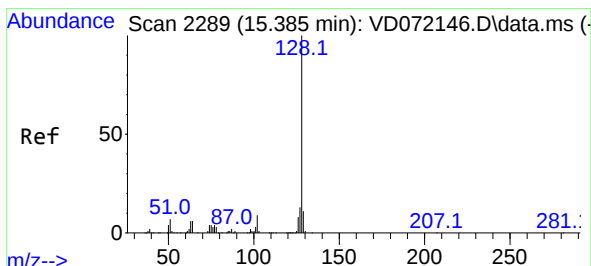
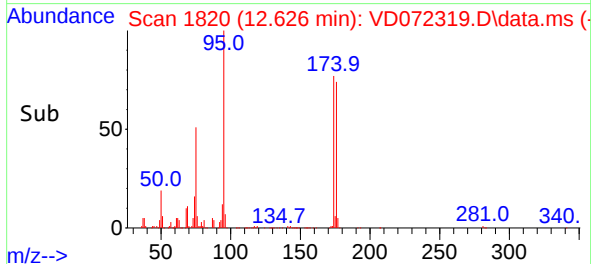
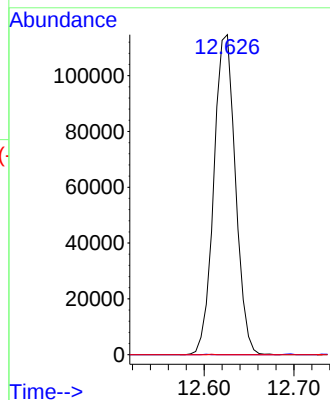
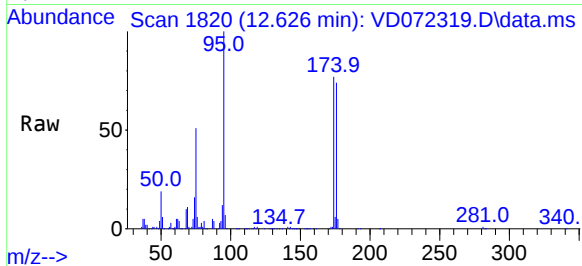




#81
trans-1,4-Dichloro-2-butene
Concen: 117.630 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

Instrument :
MSVOA_D
ClientSampleId :
G-4-1-0-1

Tgt Ion: 75 Resp: 191759
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 1.966 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072319.D
Acq: 19 Mar 2022 06:01

Tgt Ion:128 Resp: 26808
Ion Ratio Lower Upper
128 100
127 14.2 10.3 15.5
129 11.4 8.4 12.6

