

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072326.D
 Acq On : 19 Mar 2022 09:20
 Operator : VA/SY
 Sample : N1972-09
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-5-6-12-13

Quant Time: Mar 21 01:29:25 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)

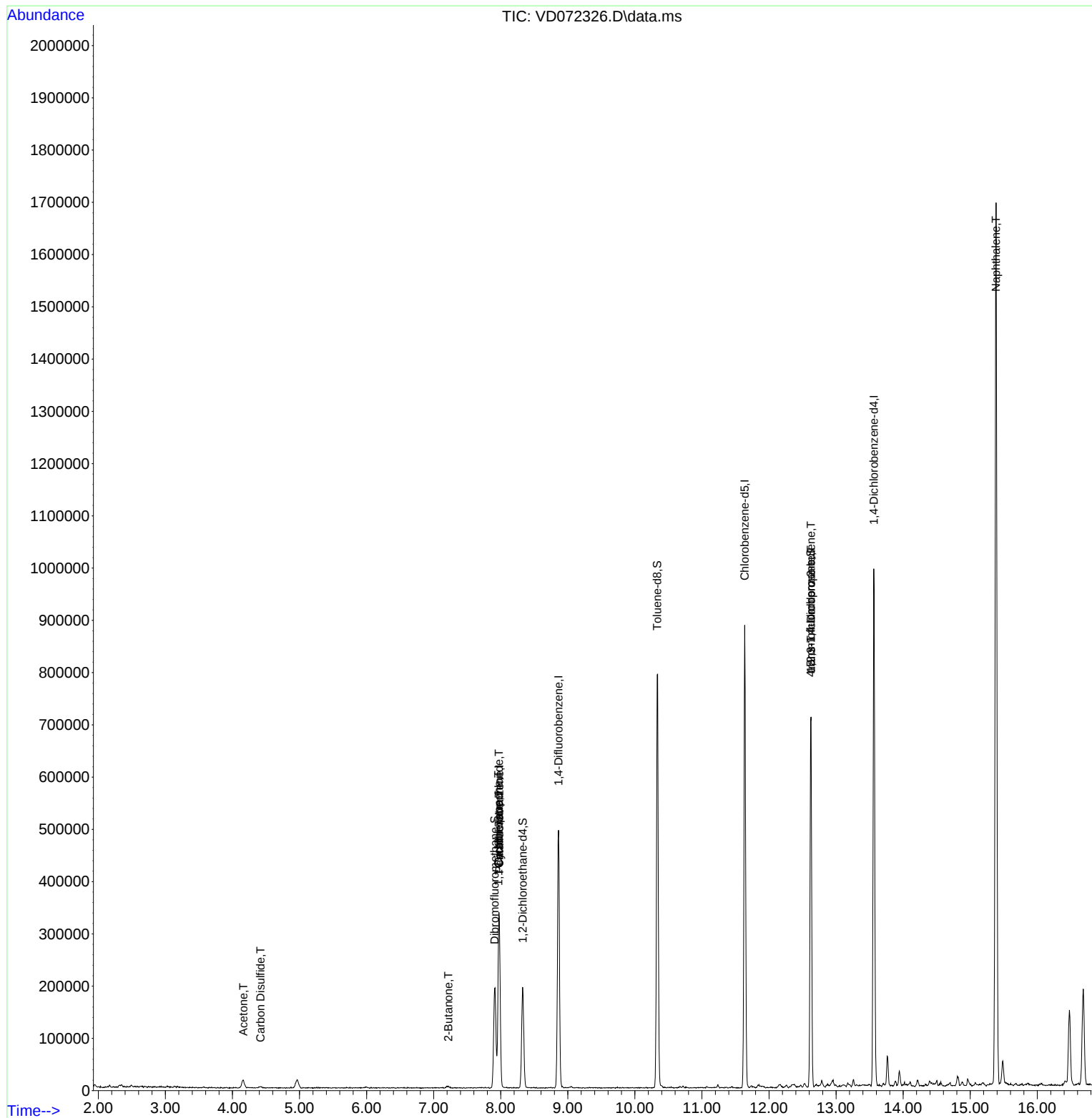
Internal Standards						
1) Pentafluorobenzene	7.979	168	247876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	415265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	487268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	153707	55.642	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.280%
35) Dibromofluoromethane	7.909	113	143566	49.129	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.332	98	536004	50.163	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.620	95	242817	58.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.960%
Target Compounds						
						Qvalue
16) Acetone	4.162	43	28680	47.817	ug/l	92
17) Carbon Disulfide	4.421	76	4679	2.355	ug/l #	74
20) Methylene Chloride	4.968	84	12076	Below Cal	#	80
25) 2-Butanone	7.220	43	5960	7.453	ug/l #	84
31) Cyclohexane	7.973	56	6287	1.457	ug/l #	17
36) 1,1-Dichloropropene	7.967	75	21036	5.131	ug/l #	53
38) Carbon Tetrachloride	7.973	117	25559	5.485	ug/l #	16
76) 1,2,3-Trichloropropane	12.626	75	127138	44.407	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	127138	110.178	ug/l #	7
95) Naphthalene	15.385	128	1432452	148.384	ug/l	99

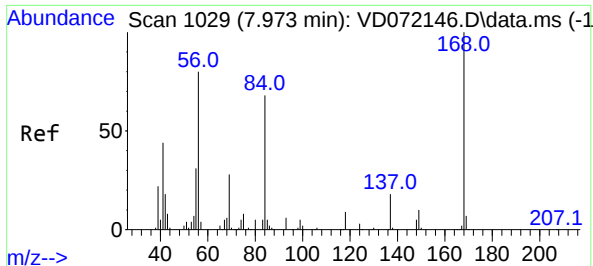
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.979 min Scan# 1029

Delta R.T. 0.006 min

Lab File: VD072326.D

Acq: 19 Mar 2022 09:20

Instrument :

MSVOA_D

ClientSampleId :

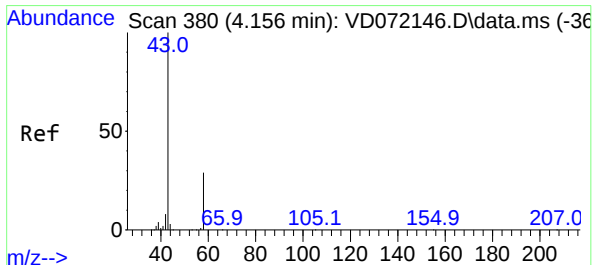
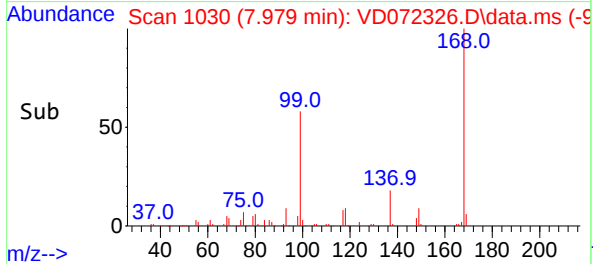
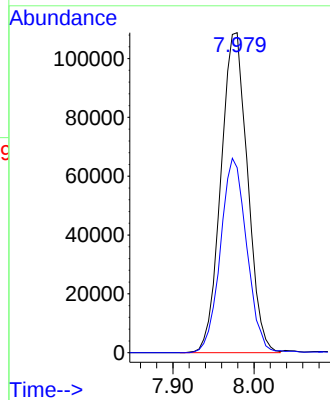
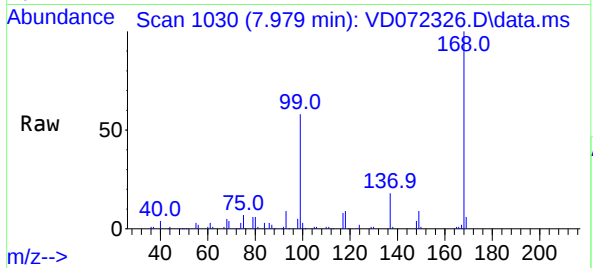
G-5-6-12-13

Tgt Ion:168 Resp: 247876

Ion Ratio Lower Upper

168 100

99 57.8 49.8 74.6



#16

Acetone

Concen: 47.817 ug/l

RT: 4.162 min Scan# 381

Delta R.T. 0.006 min

Lab File: VD072326.D

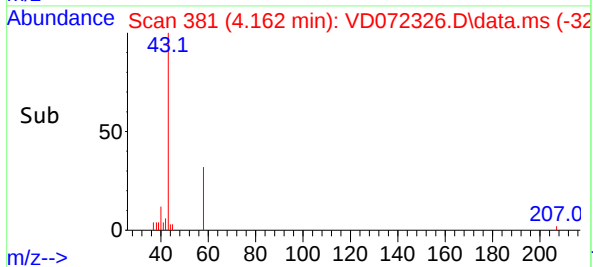
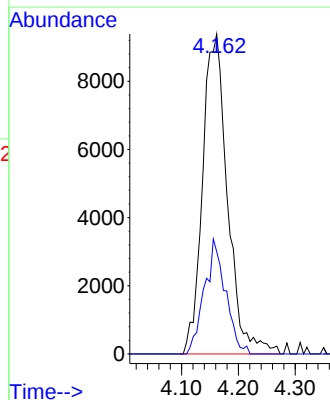
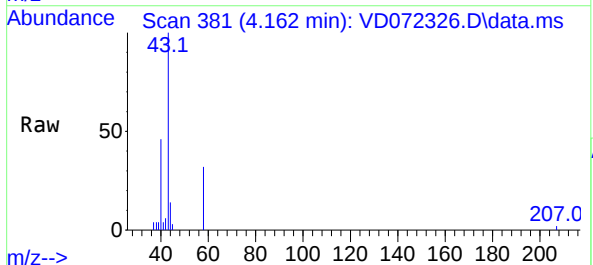
Acq: 19 Mar 2022 09:20

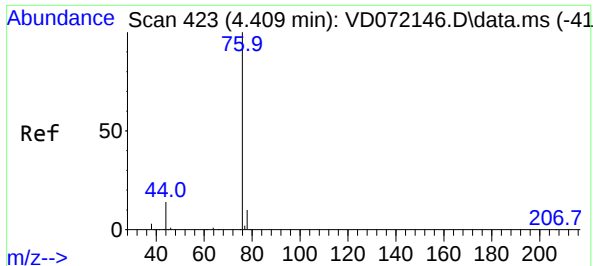
Tgt Ion: 43 Resp: 28680

Ion Ratio Lower Upper

43 100

58 32.0 22.1 33.1

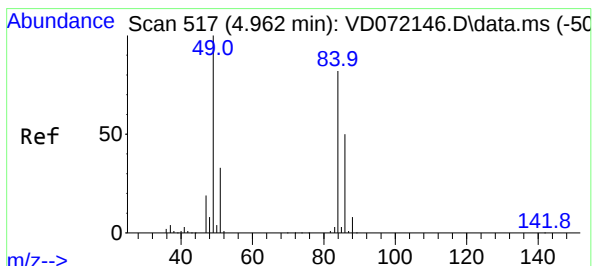
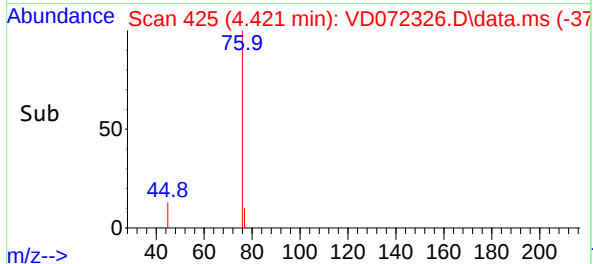
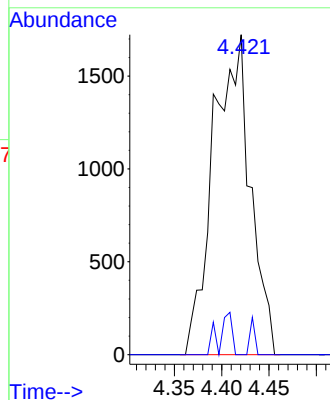
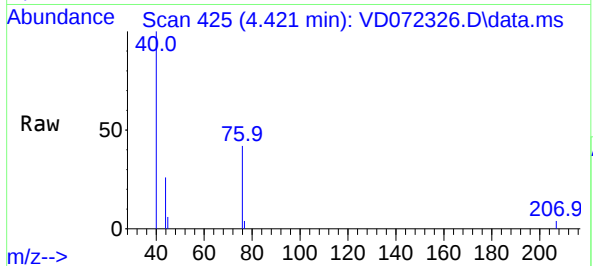




#17
Carbon Disulfide
Concen: 2.355 ug/l
RT: 4.421 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

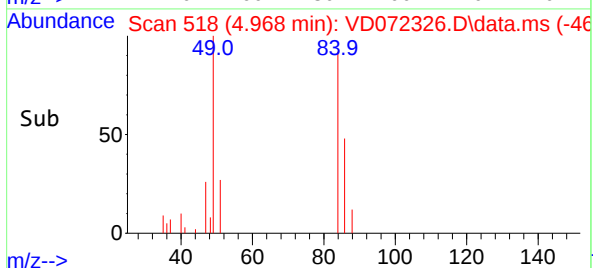
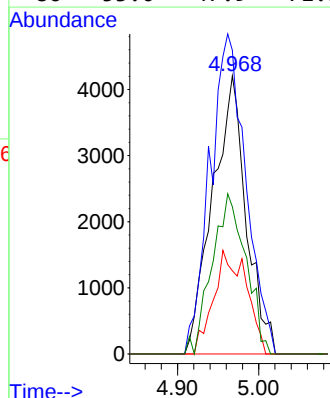
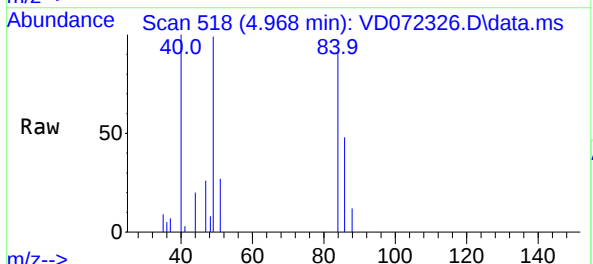
Instrument :
MSVOA_D
ClientSampleId :
G-5-6-12-13

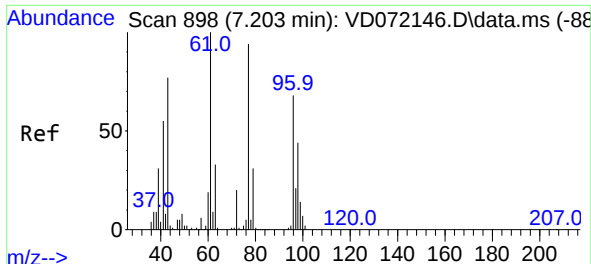
Tgt Ion: 76 Resp: 4679
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion: 84 Resp: 12076
Ion Ratio Lower Upper
84 100
49 109.2 112.8 169.2#
51 29.9 32.6 48.8#
86 53.0 47.9 71.9

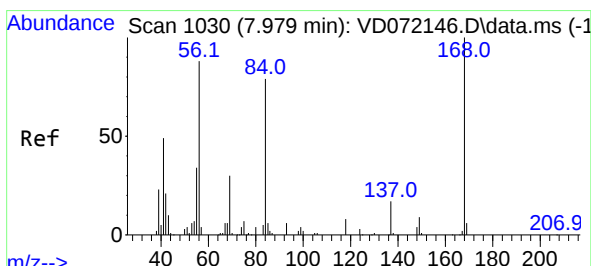
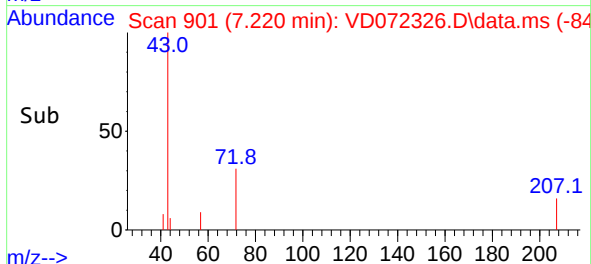
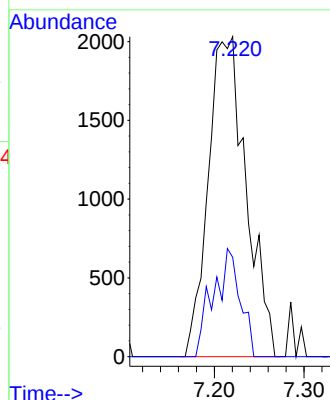
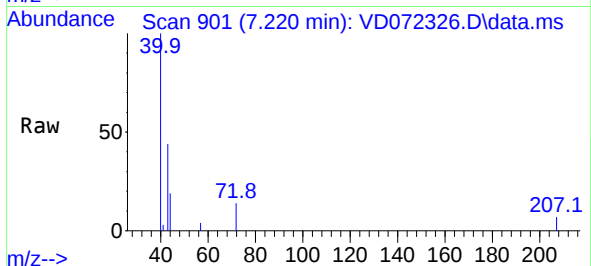




#25
2-Butanone
Concen: 7.453 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.018 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

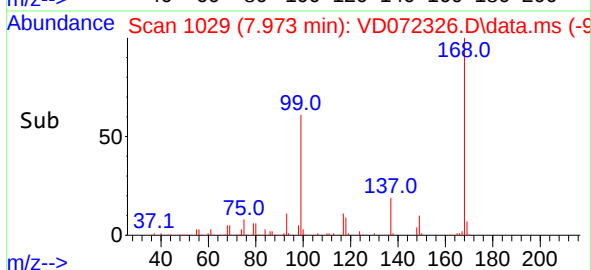
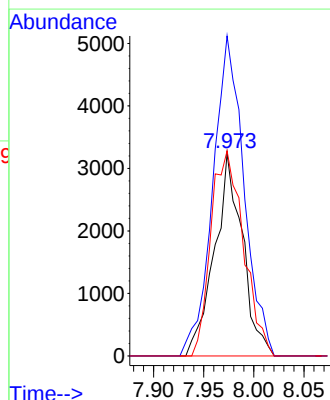
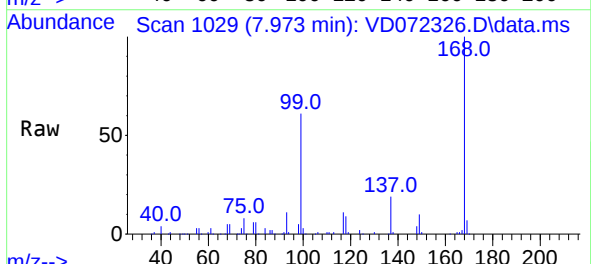
Instrument :
MSVOA_D
ClientSampleId :
G-5-6-12-13

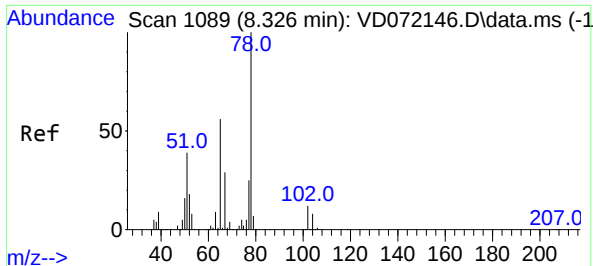
Tgt Ion: 43 Resp: 5960
Ion Ratio Lower Upper
43 100
72 31.1 18.6 27.8#



#31
Cyclohexane
Concen: 1.457 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion: 56 Resp: 6287
Ion Ratio Lower Upper
56 100
69 157.8 25.4 38.2#
84 101.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 55.642 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072326.D

Acq: 19 Mar 2022 09:20

Instrument :

MSVOA_D

ClientSampleId :

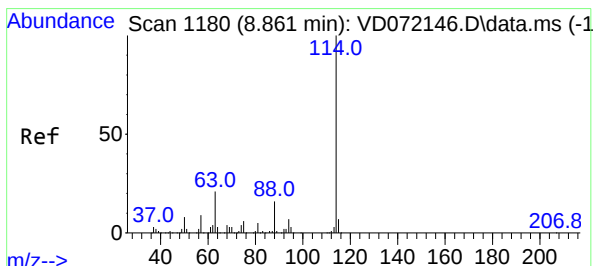
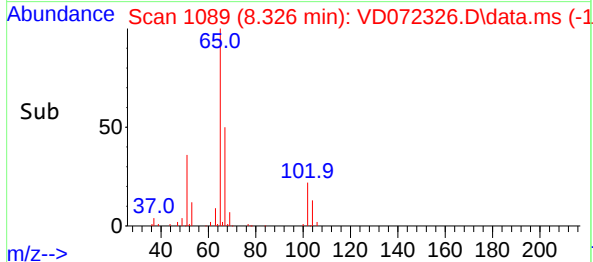
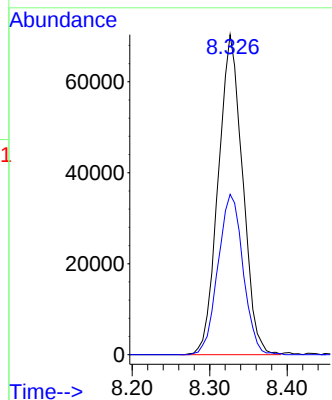
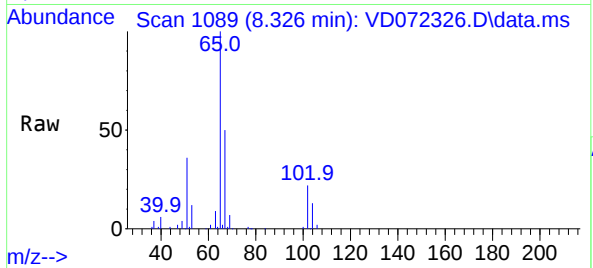
G-5-6-12-13

Tgt Ion: 65 Resp: 153707

Ion Ratio Lower Upper

65 100

67 51.5 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: VD072326.D

Acq: 19 Mar 2022 09:20

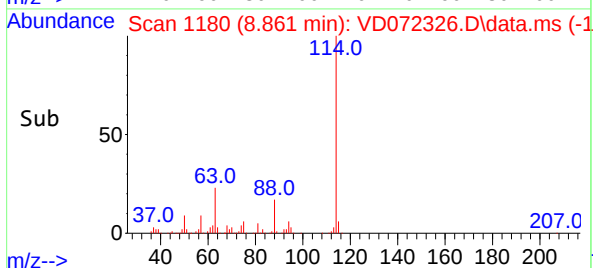
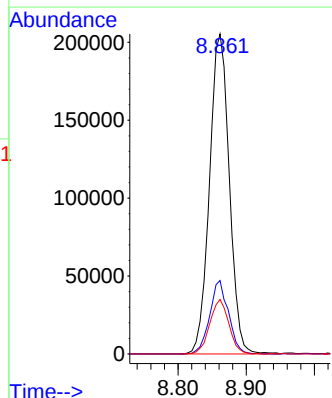
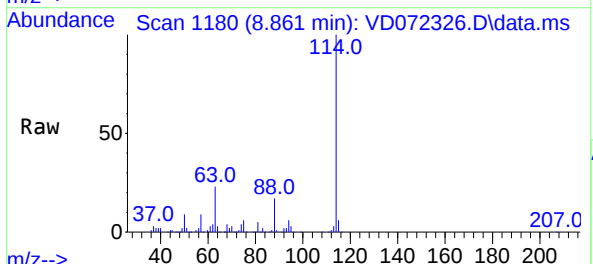
Tgt Ion: 114 Resp: 415265

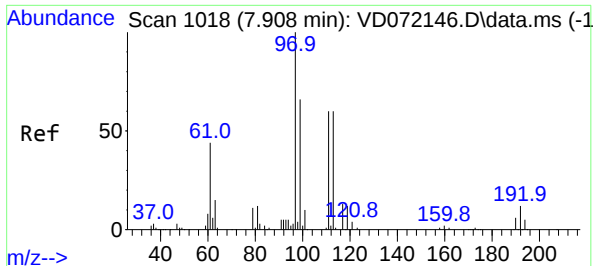
Ion Ratio Lower Upper

114 100

63 23.0 0.0 46.6

88 17.0 0.0 33.2

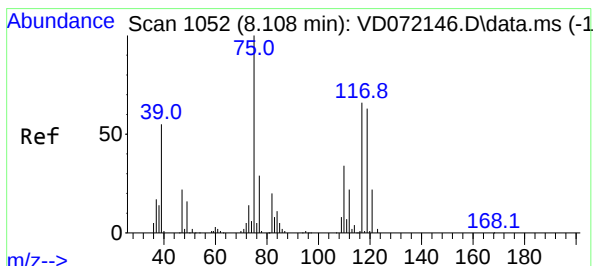
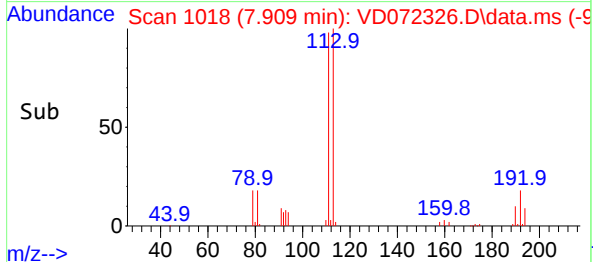
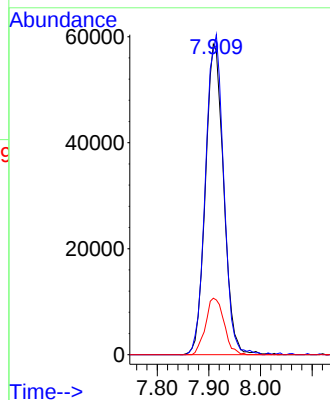
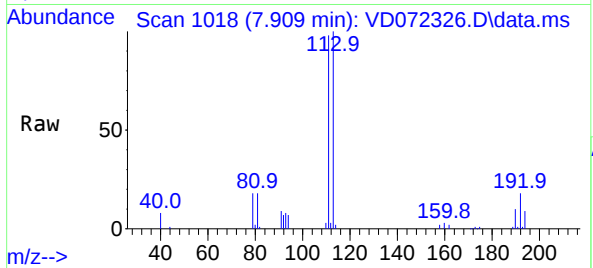




#35
Dibromofluoromethane
Concen: 49.129 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

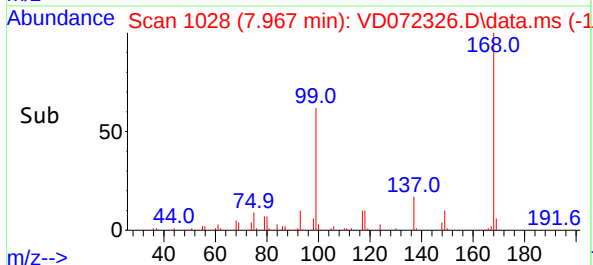
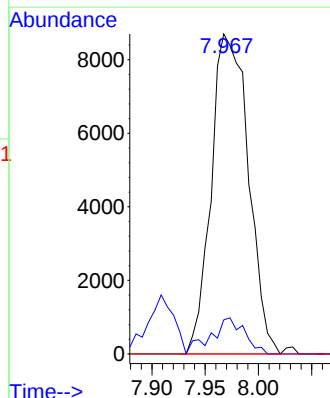
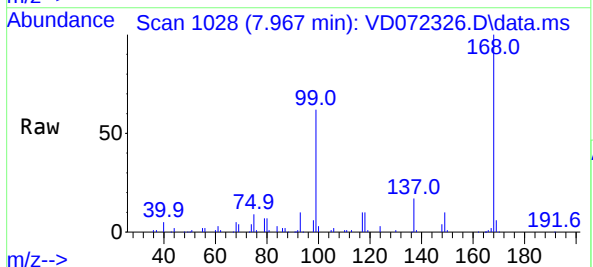
Instrument :
MSVOA_D
ClientSampleId :
G-5-6-12-13

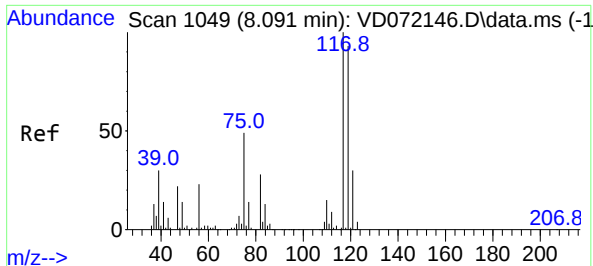
Tgt Ion:113 Resp: 143566
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 18.5 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.141 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion: 75 Resp: 21036
Ion Ratio Lower Upper
75 100
110 10.2 16.4 49.1#
77 0.0 24.2 36.2#

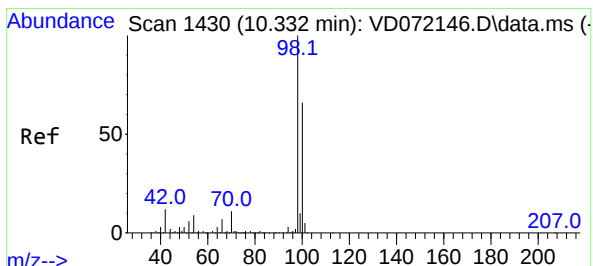
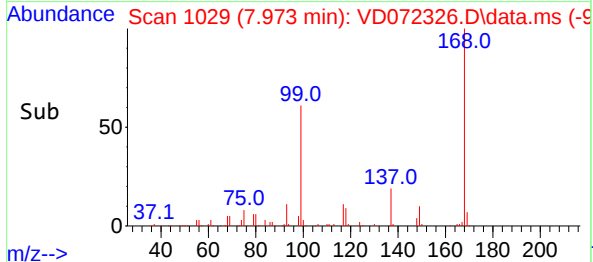
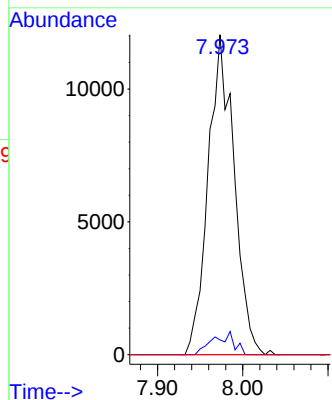
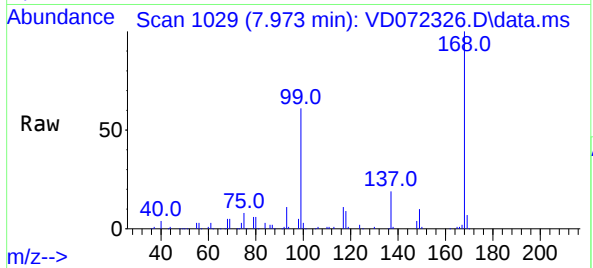




#38
Carbon Tetrachloride
Concen: 5.485 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

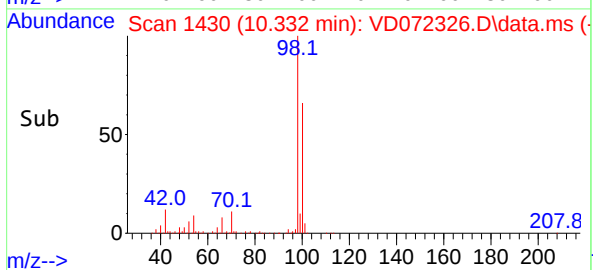
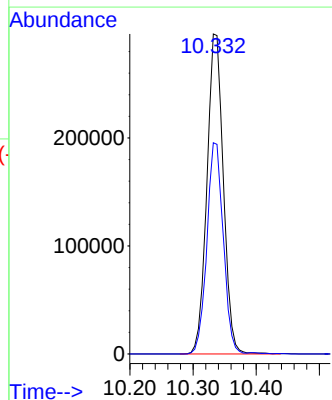
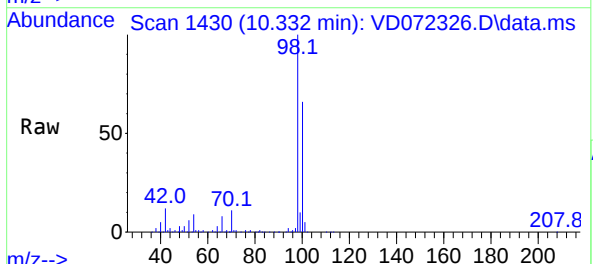
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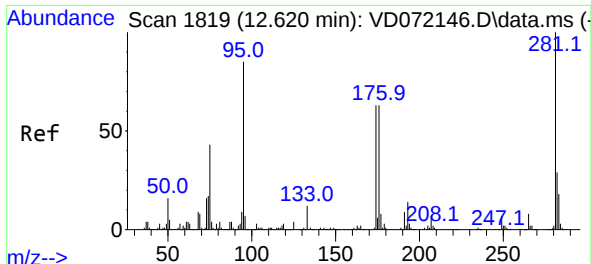
Tgt Ion:117 Resp: 25559
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.163 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion: 98 Resp: 536004
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6

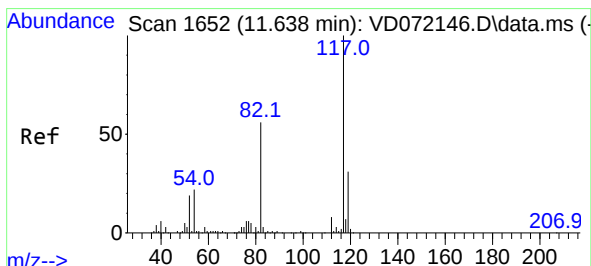
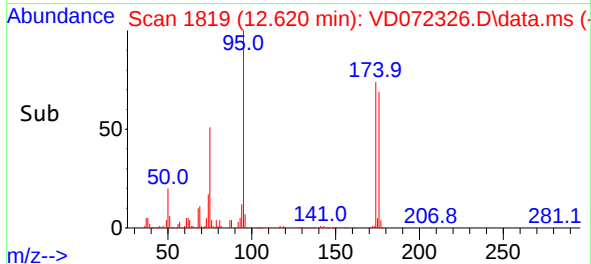
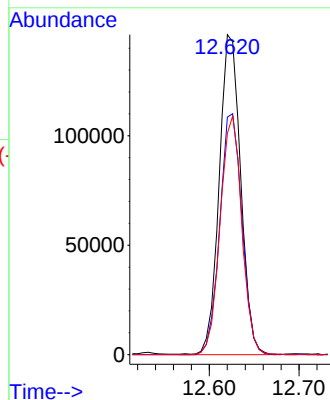
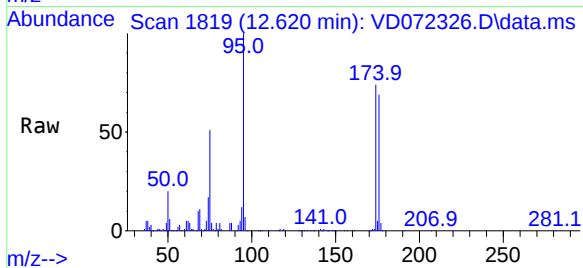




#62
4-Bromofluorobenzene
Concen: 58.485 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

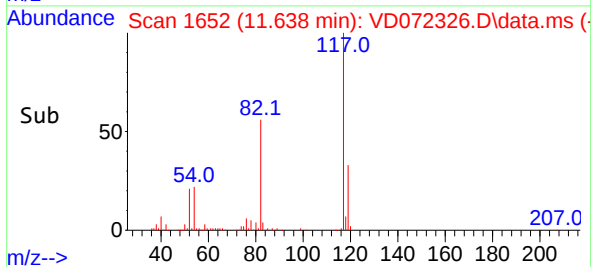
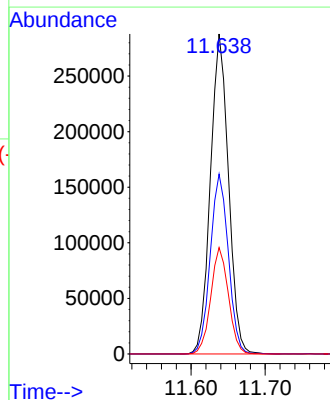
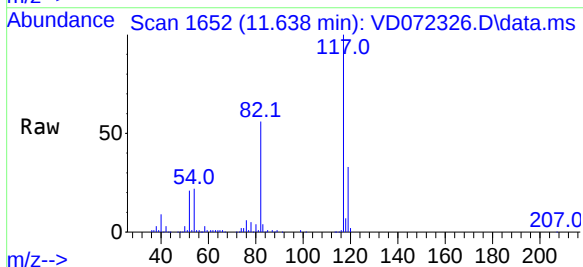
Instrument :
MSVOA_D
ClientSampleId :
G-5-6-12-13

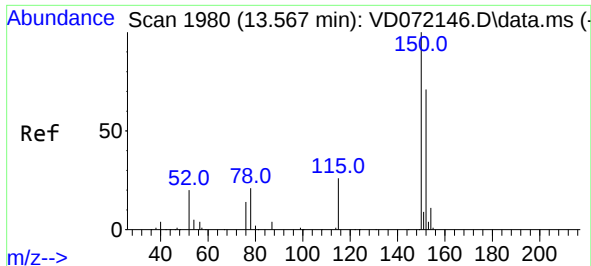
Tgt Ion: 95 Resp: 242817
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion: 117 Resp: 487268
Ion Ratio Lower Upper
117 100
82 56.2 45.3 67.9
119 33.3 26.6 40.0

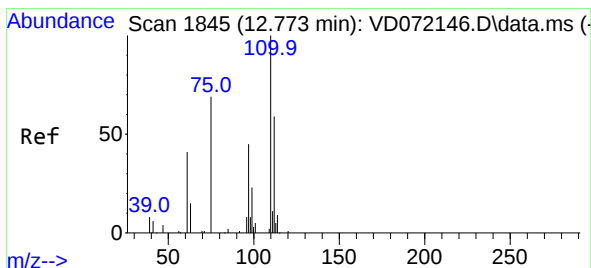
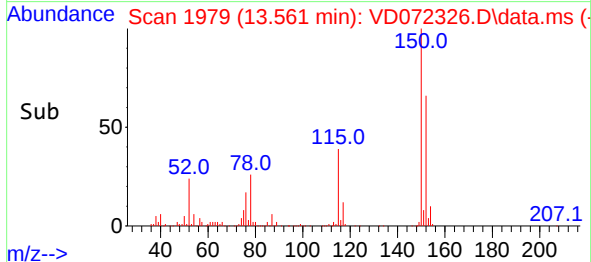
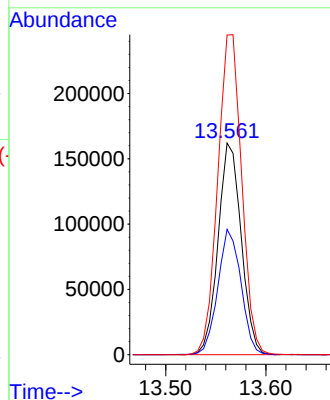
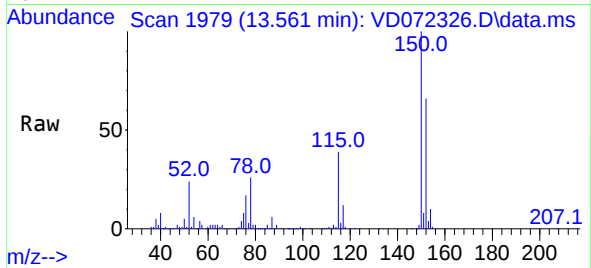




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

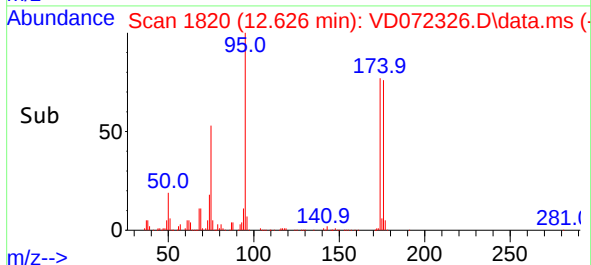
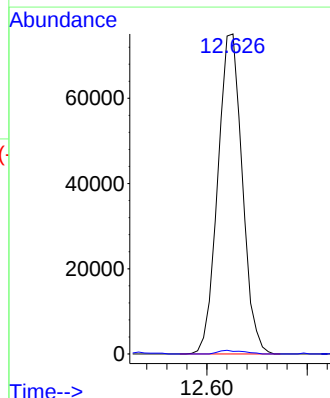
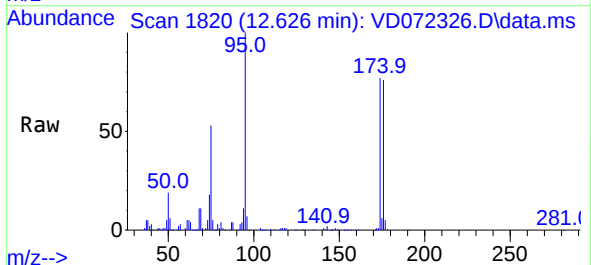
Instrument :
MSVOA_D
ClientSampleId :
G-5-6-12-13

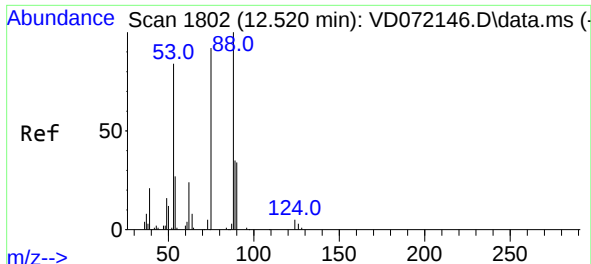
Tgt Ion:152 Resp: 259546
Ion Ratio Lower Upper
152 100
115 59.3 31.3 93.8
150 156.6 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.407 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion: 75 Resp: 127138
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

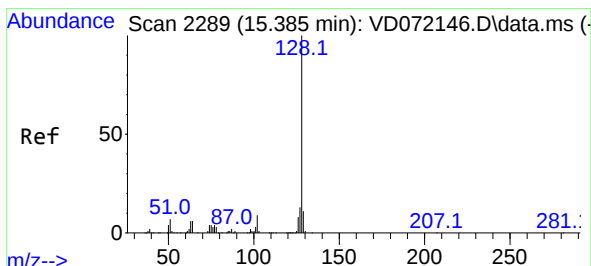
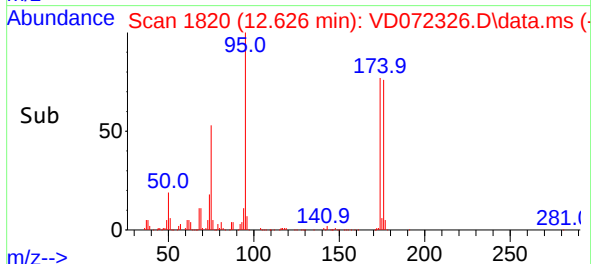
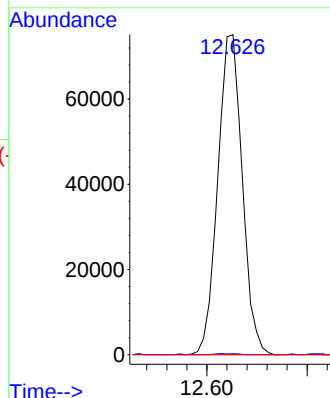
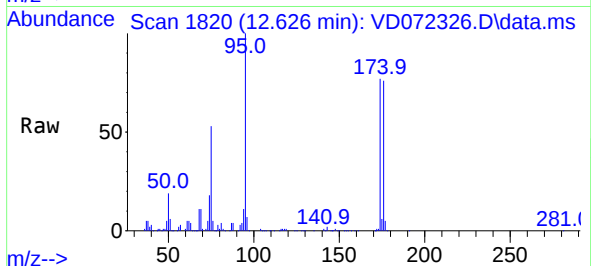




#81
trans-1,4-Dichloro-2-butene
Concen: 110.178 ug/l
RT: 12.626 min Scan# 1802
Delta R.T. 0.106 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Instrument :
MSVOA_D
ClientSampleId :
G-5-6-12-13

Tgt Ion: 75 Resp: 127138
Ion Ratio Lower Upper
75 100
53 0.3 86.5 129.7#
89 0.0 33.9 50.9#



#95
Naphthalene
Concen: 148.384 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072326.D
Acq: 19 Mar 2022 09:20

Tgt Ion:128 Resp: 1432452
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.4 12.6

