

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072323.D
 Acq On : 19 Mar 2022 07:55
 Operator : VA/SY
 Sample : N1968-14
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 G-3-2-2-3

Quant Time: Mar 19 08:11:13 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)

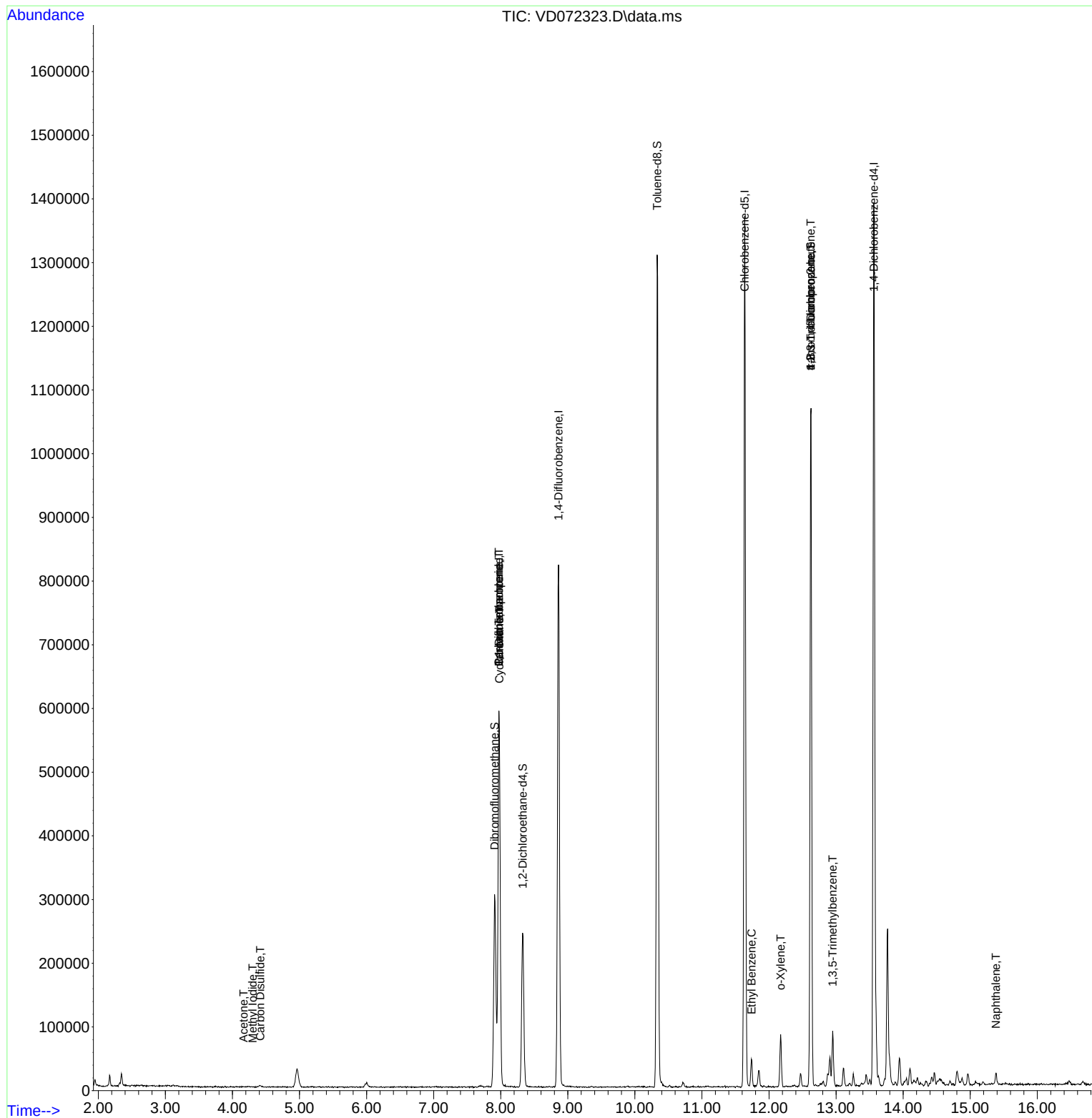
Internal Standards						
1) Pentafluorobenzene	7.973	168	428689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	707417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	752546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	365074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	195932	41.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.020%
35) Dibromofluoromethane	7.909	113	212777	42.742	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.480%
50) Toluene-d8	10.332	98	883096	48.515	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.620	95	362190	51.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.420%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	432	2.321	ug/l #	38
16) Acetone	4.168	43	1396	1.346	ug/l #	47
17) Carbon Disulfide	4.415	76	5057	2.034	ug/l	98
20) Methylene Chloride	4.968	84	21858	Below Cal	#	81
31) Cyclohexane	7.979	56	9811	1.314	ug/l #	7
36) 1,1-Dichloropropene	7.973	75	36637	5.246	ug/l #	51
38) Carbon Tetrachloride	7.973	117	44022	5.545	ug/l #	17
67) Ethyl Benzene	11.738	91	30199	1.013	ug/l	96
69) o-Xylene	12.173	106	20957	1.936	ug/l	98
76) 1,2,3-Trichloropropane	12.620	75	189588	47.078	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.949	105	38628	1.554	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.620	75	189588	116.806	ug/l #	7
95) Naphthalene	15.385	128	14213	1.047	ug/l	96

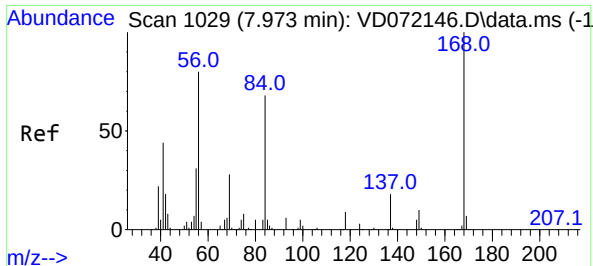
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072323.D
Acq On : 19 Mar 2022 07:55
Operator : VA/SY
Sample : N1968-14
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
G-3-2-2-3

Quant Time: Mar 19 08:11:13 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

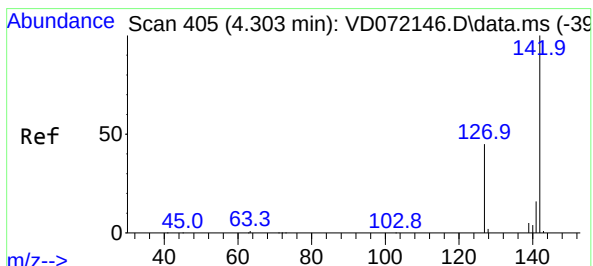
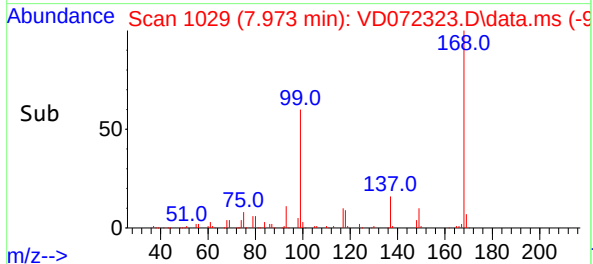
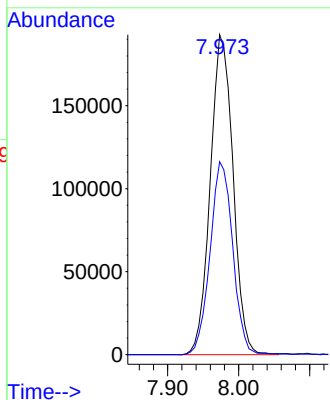
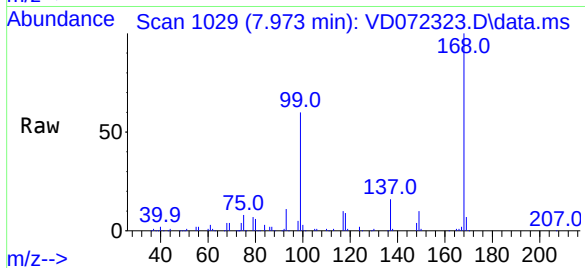




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

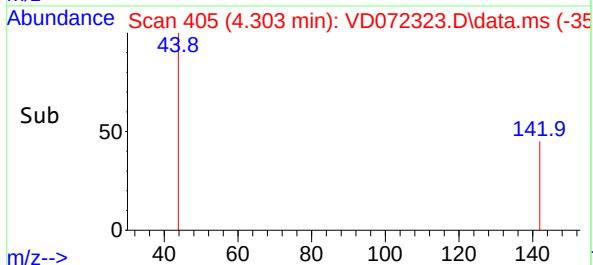
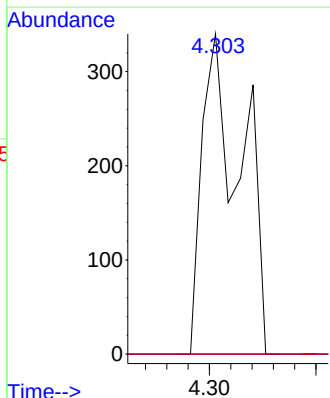
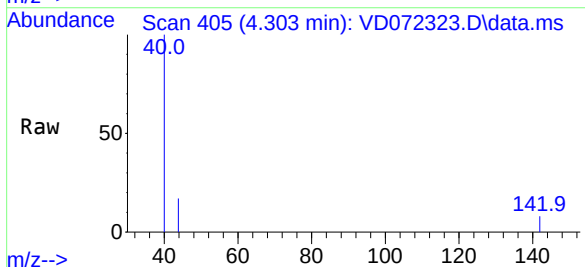
Instrument :
MSVOA_D
ClientSampleId :
G-3-2-2-3

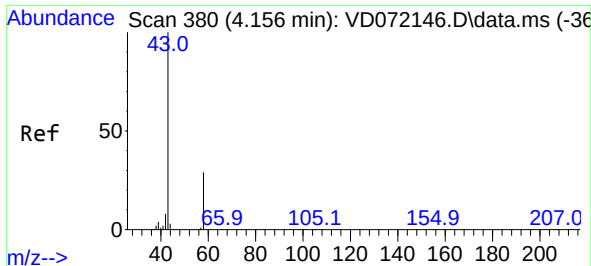
Tgt Ion:168 Resp: 428689
Ion Ratio Lower Upper
168 100
99 60.3 49.8 74.6



#10
Methyl Iodide
Concen: 2.321 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

Tgt Ion:142 Resp: 432
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

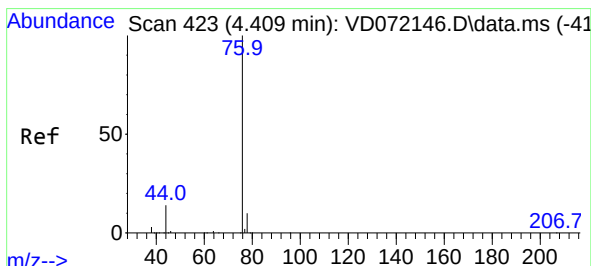
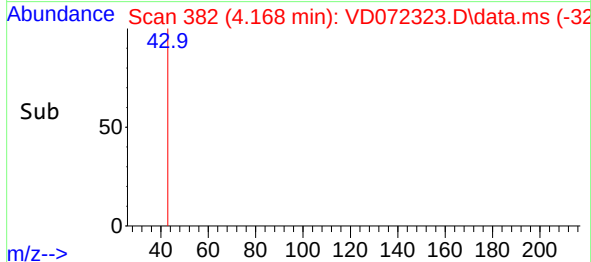
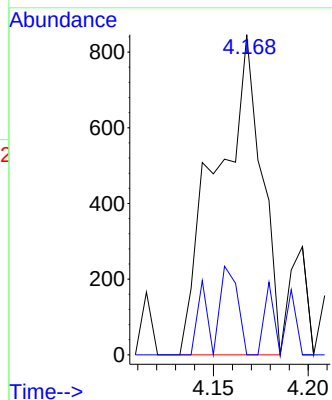
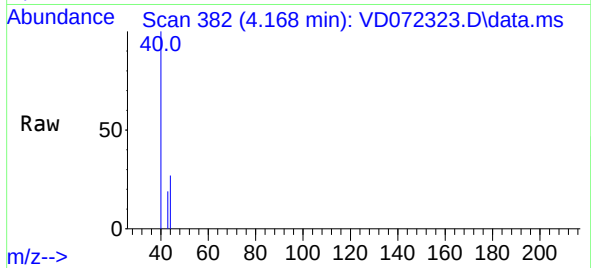




#16
Acetone
Concen: 1.346 ug/l
RT: 4.168 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

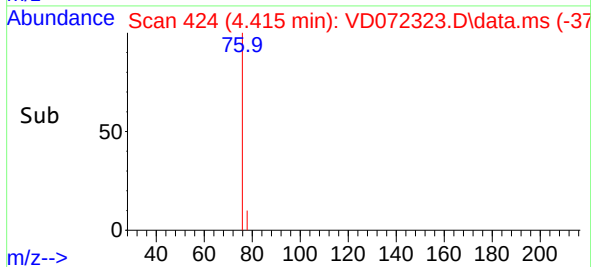
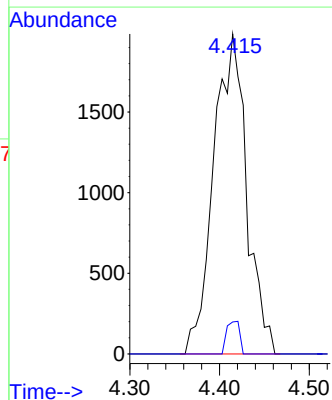
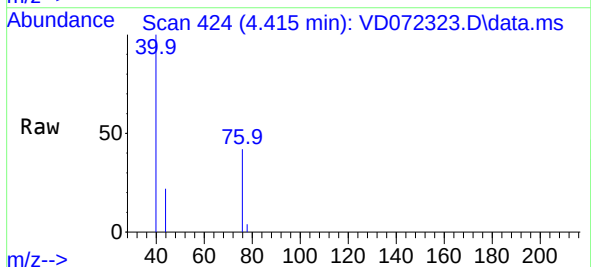
Instrument :
MSVOA_D
ClientSampleId :
G-3-2-3

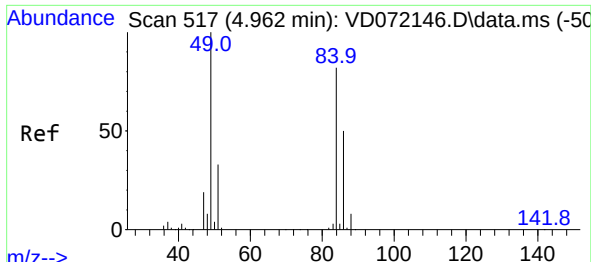
Tgt Ion: 43 Resp: 1396
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.034 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

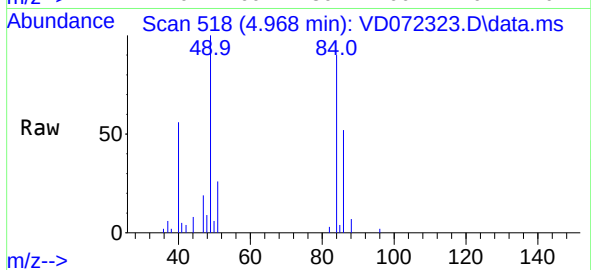
Tgt Ion: 76 Resp: 5057
Ion Ratio Lower Upper
76 100
78 10.0 7.5 11.3





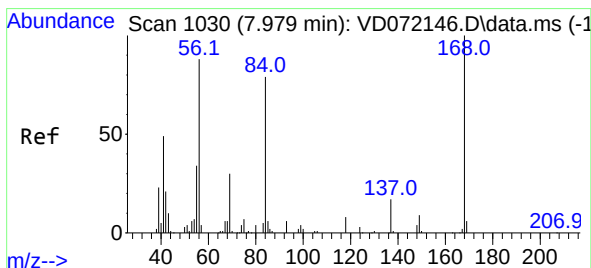
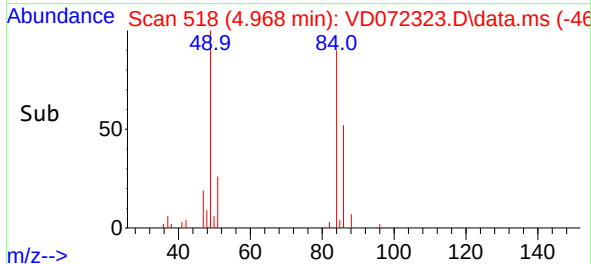
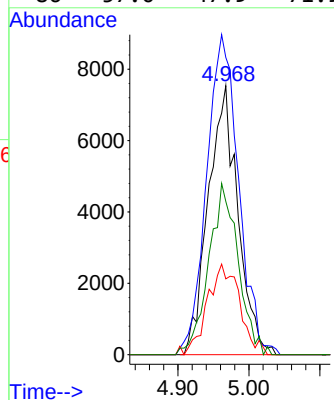
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 517
Delta R.T. 0.006 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

Instrument :
MSVOA_D
ClientSampleId :
G-3-2-3



Tgt Ion: 84 Resp: 21858

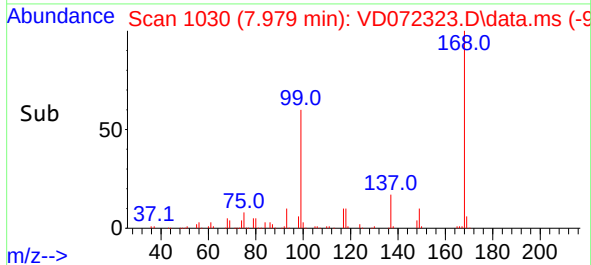
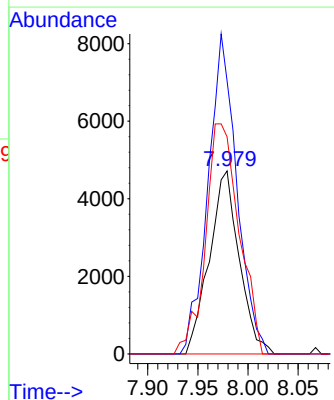
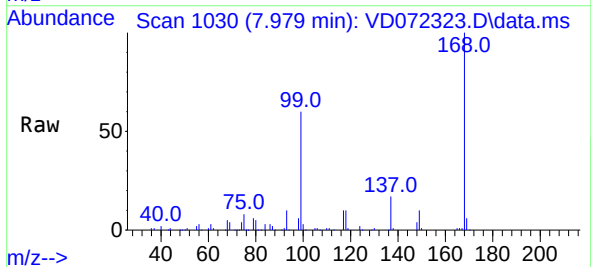
Ion	Ratio	Lower	Upper
84	100		
49	110.5	112.8	169.2#
51	28.2	32.6	48.8#
86	57.0	47.9	71.9

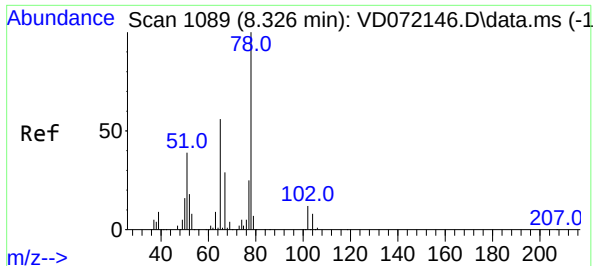


#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

Tgt Ion: 56 Resp: 9811

Ion	Ratio	Lower	Upper
56	100		
69	149.2	25.4	38.2#
84	118.6	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 41.011 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072323.D

Acq: 19 Mar 2022 07:55

Instrument :

MSVOA_D

ClientSampleId :

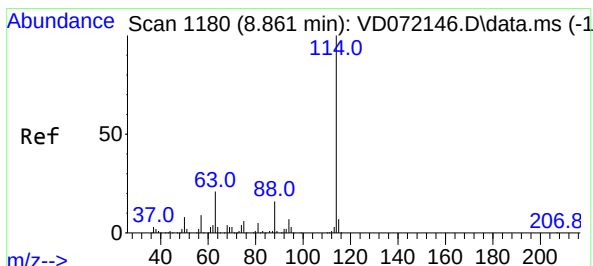
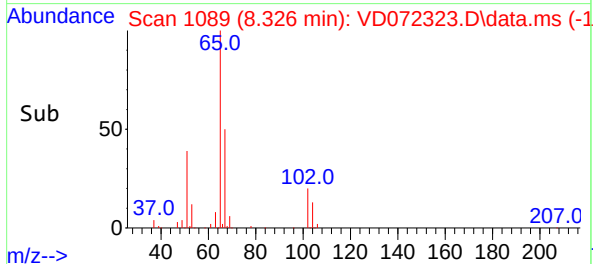
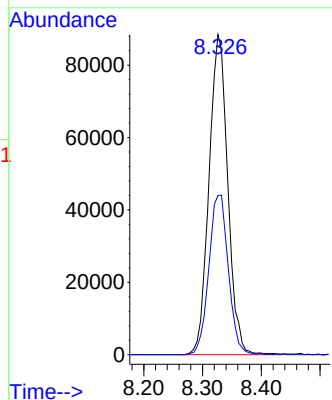
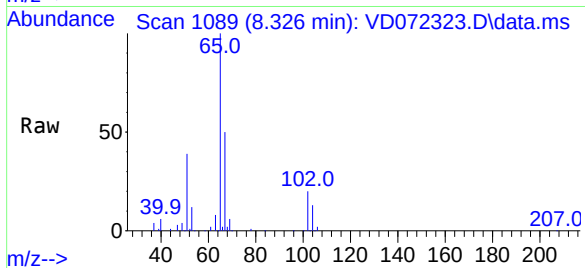
G-3-2-2-3

Tgt Ion: 65 Resp: 195932

Ion Ratio Lower Upper

65 100

67 51.9 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: VD072323.D

Acq: 19 Mar 2022 07:55

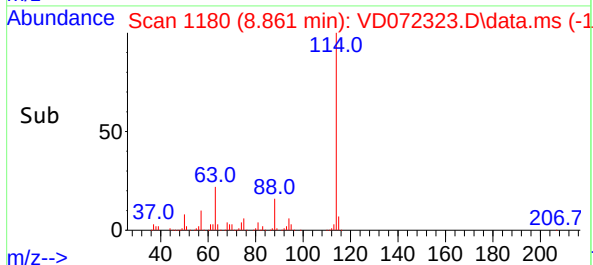
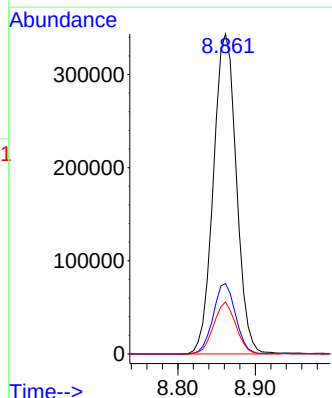
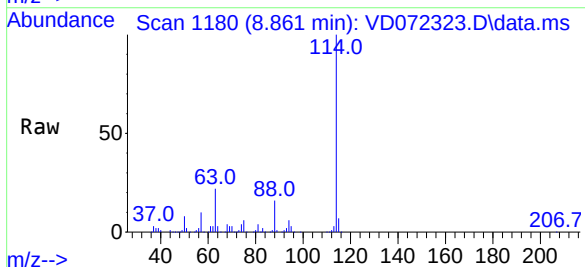
Tgt Ion: 114 Resp: 707417

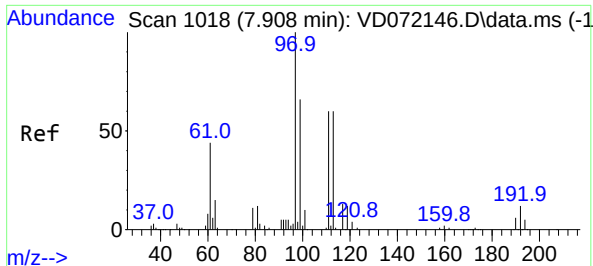
Ion Ratio Lower Upper

114 100

63 22.0 0.0 46.6

88 16.3 0.0 33.2

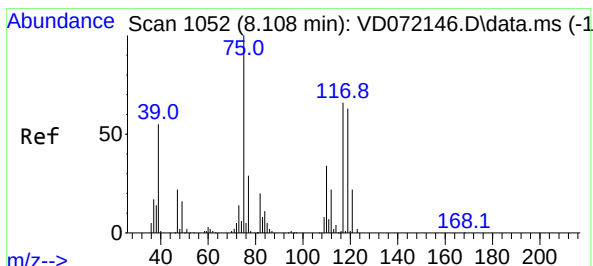
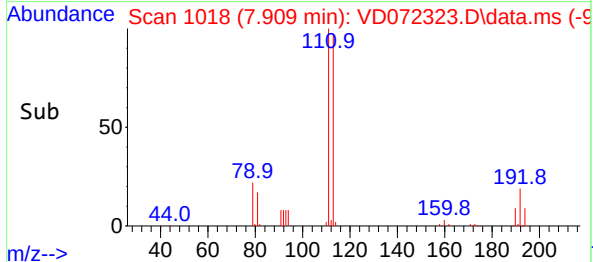
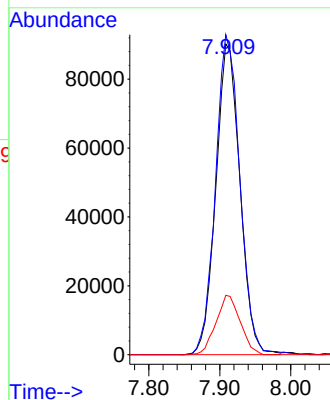
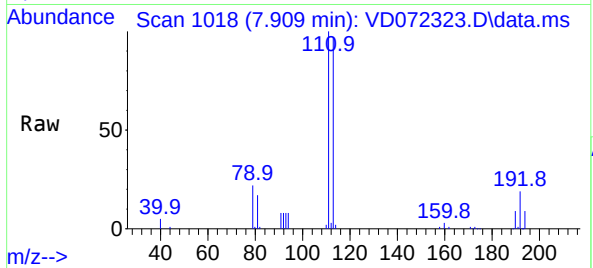




#35
Dibromofluoromethane
Concen: 42.742 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

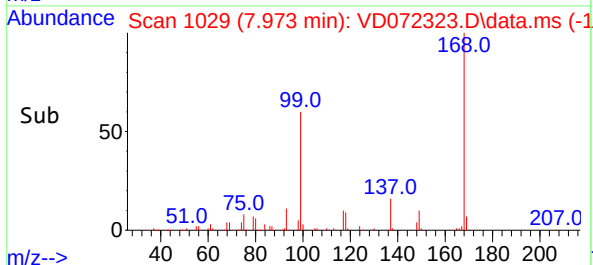
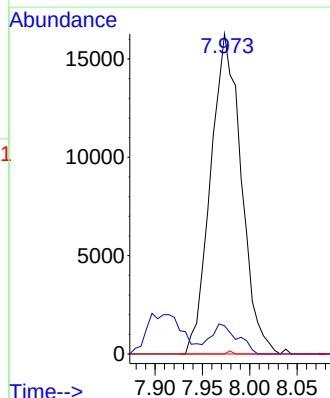
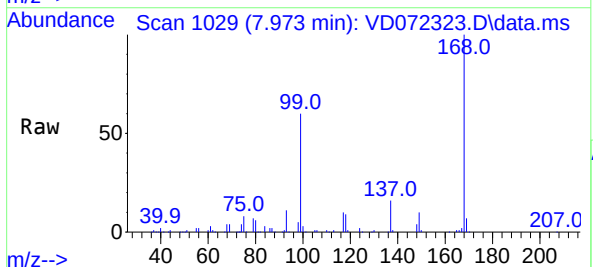
Instrument :
MSVOA_D
ClientSampleId :
G-3-2-2-3

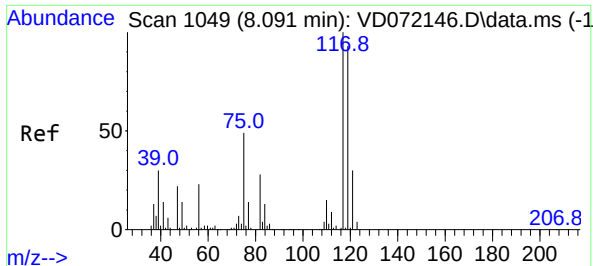
Tgt Ion:113 Resp: 212777
Ion Ratio Lower Upper
113 100
111 104.6 83.8 125.6
192 19.2 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.246 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

Tgt Ion: 75 Resp: 36637
Ion Ratio Lower Upper
75 100
110 7.9 16.4 49.1#
77 0.2 24.2 36.2#

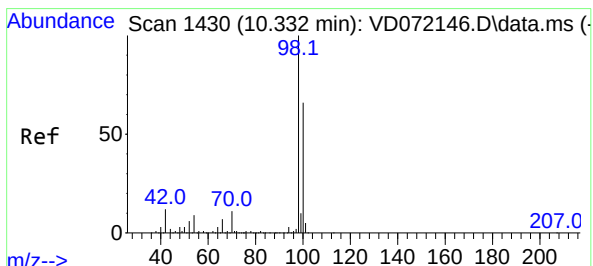
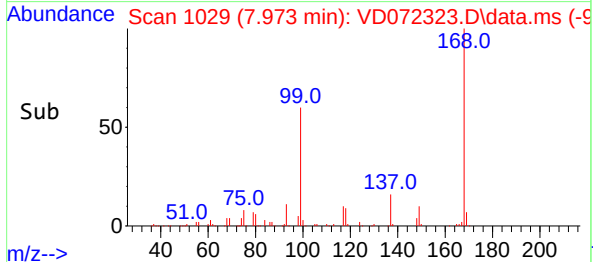
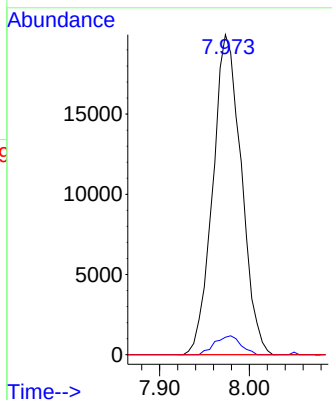
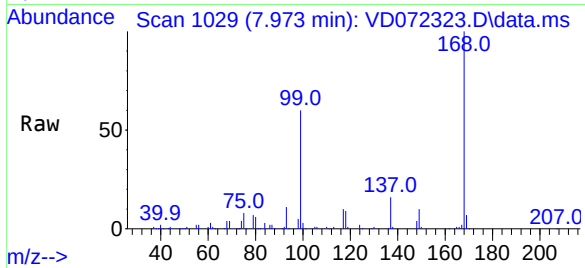




#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

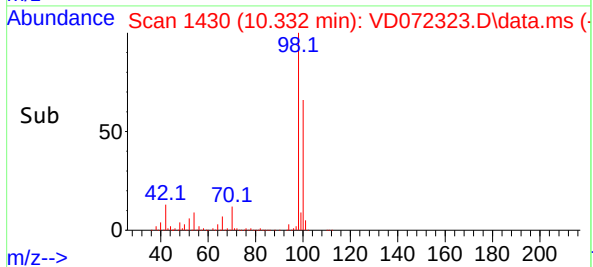
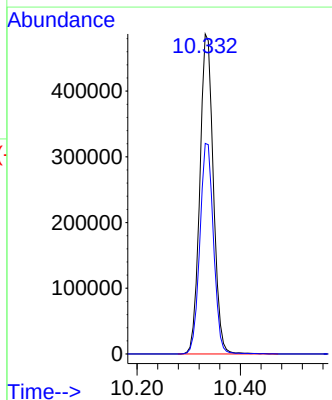
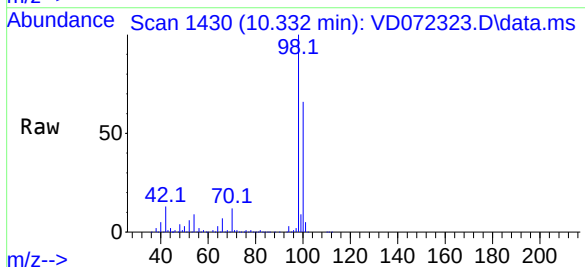
Instrument :
MSVOA_D
ClientSampleId :
G-3-2-3

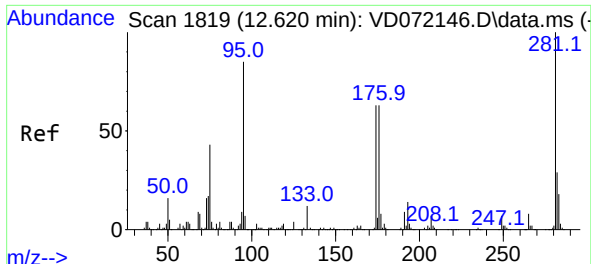
Tgt Ion:117 Resp: 44022
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.515 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

Tgt Ion: 98 Resp: 883096
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

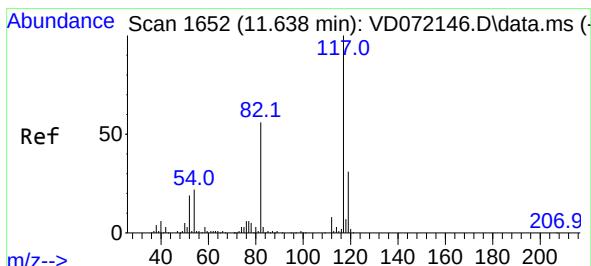
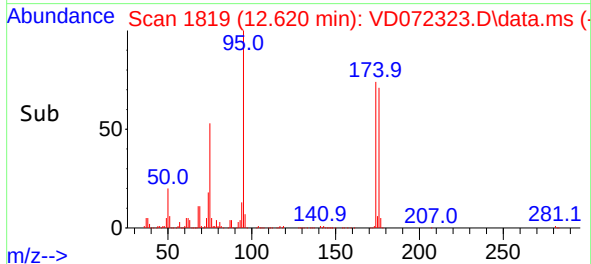
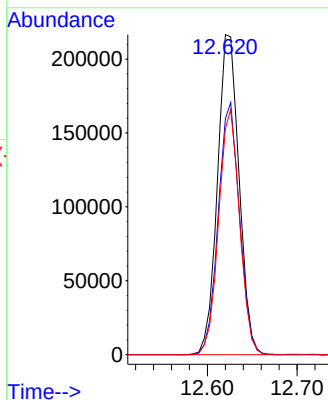
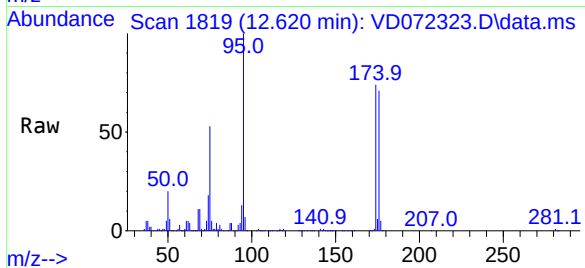




#62
4-Bromofluorobenzene
Concen: 51.209 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

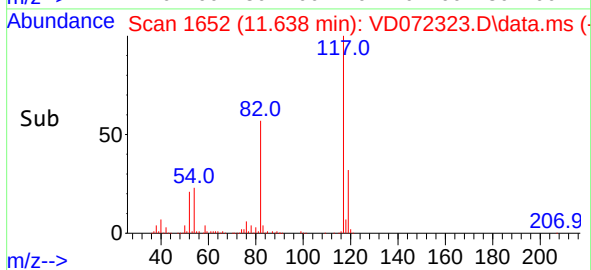
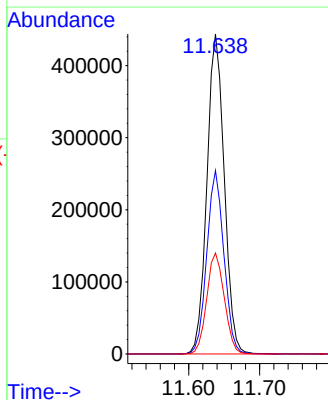
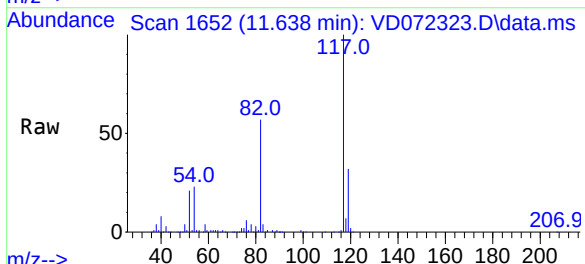
Instrument :
MSVOA_D
ClientSampleId :
G-3-2-3

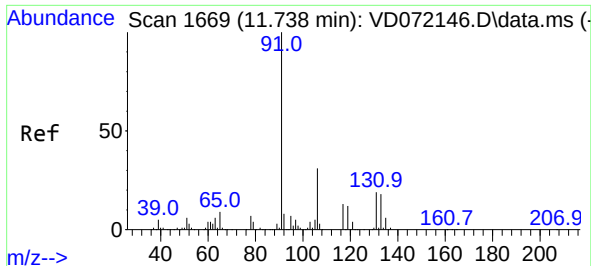
Tgt Ion: 95 Resp: 362190
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 74.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

Tgt Ion: 117 Resp: 752546
Ion Ratio Lower Upper
117 100
82 57.3 45.3 67.9
119 31.6 26.6 40.0

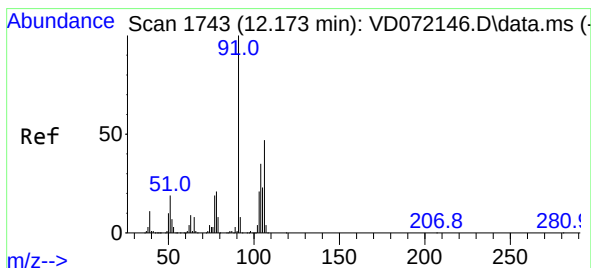
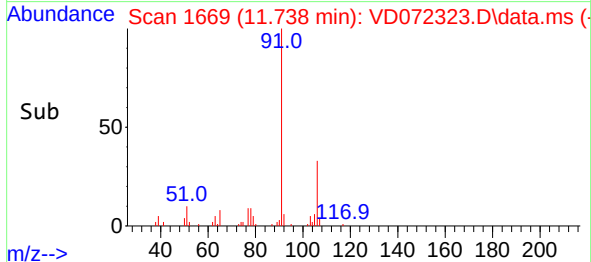
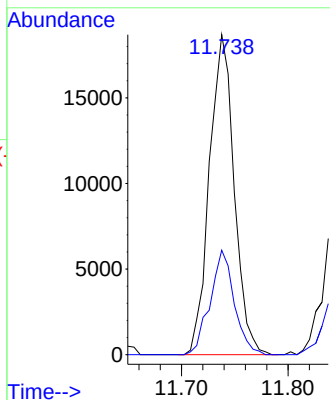
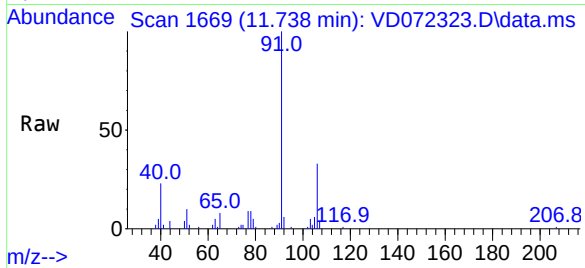




#67
Ethyl Benzene
Concen: 1.013 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

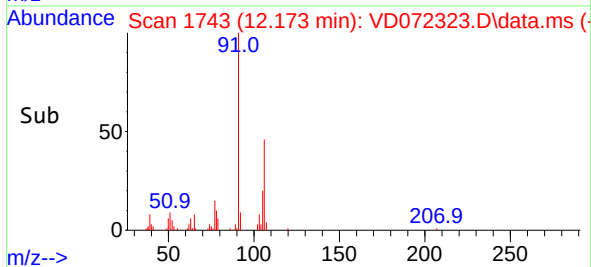
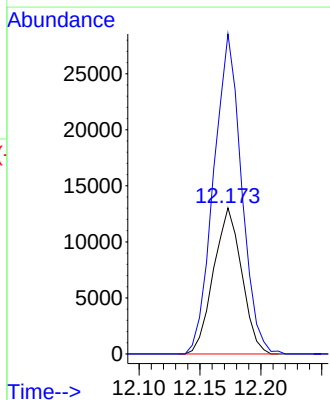
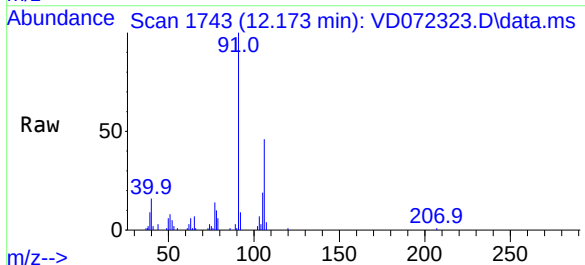
Instrument :
MSVOA_D
ClientSampleId :
G-3-2-3

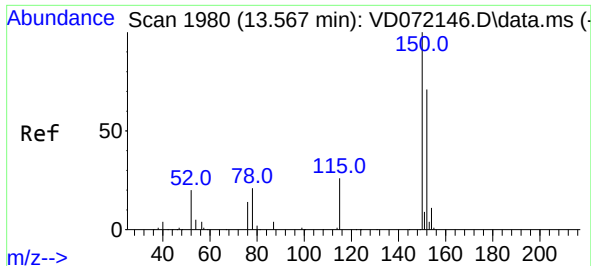
Tgt Ion: 91 Resp: 30199
Ion Ratio Lower Upper
91 100
106 32.6 24.2 36.4



#69
o-Xylene
Concen: 1.936 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

Tgt Ion: 106 Resp: 20957
Ion Ratio Lower Upper
106 100
91 217.2 110.4 331.2

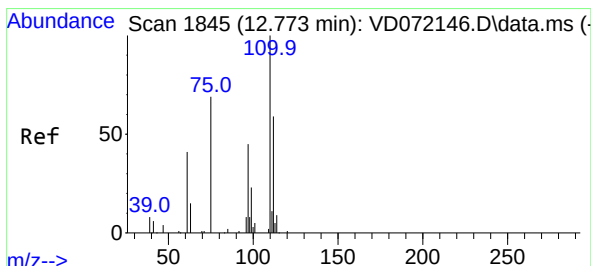
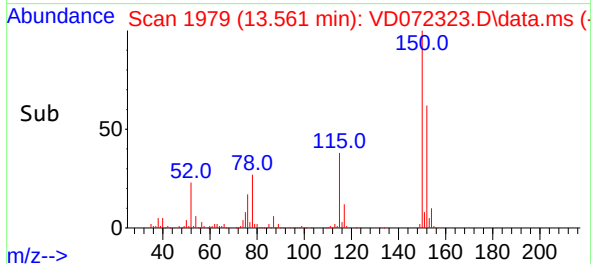
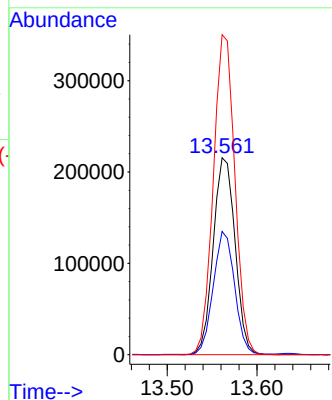
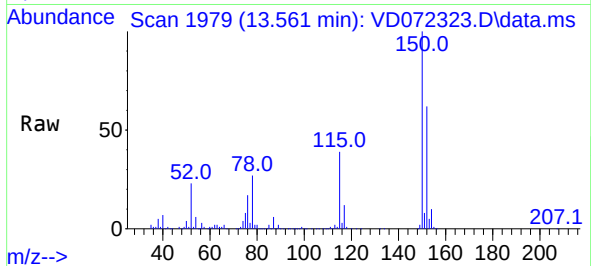




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

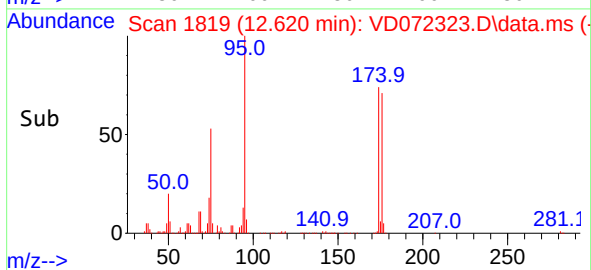
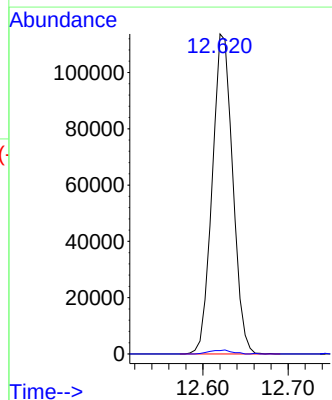
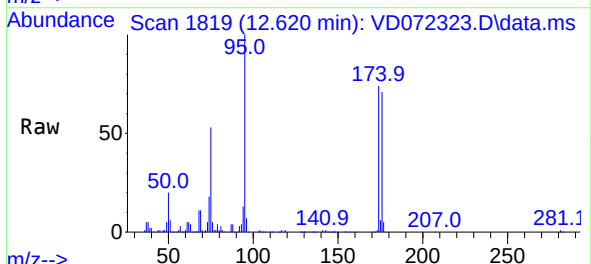
Instrument :
MSVOA_D
ClientSampleId :
G-3-2-3

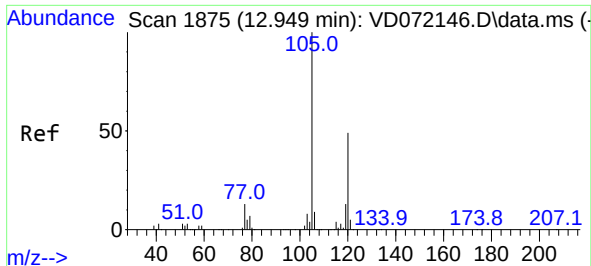
Tgt Ion:152 Resp: 365074
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.8
150 160.3 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.078 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

Tgt Ion: 75 Resp: 189588
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

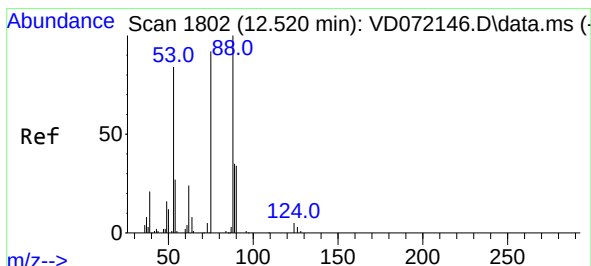
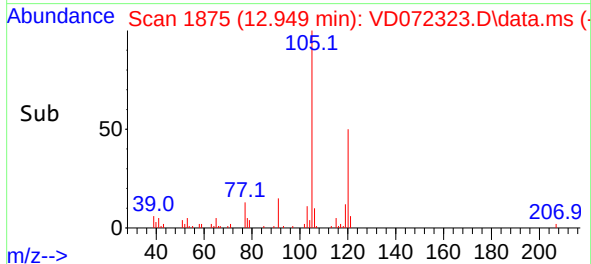
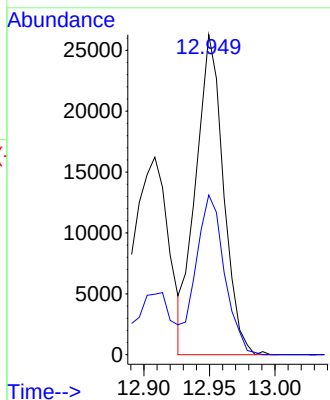
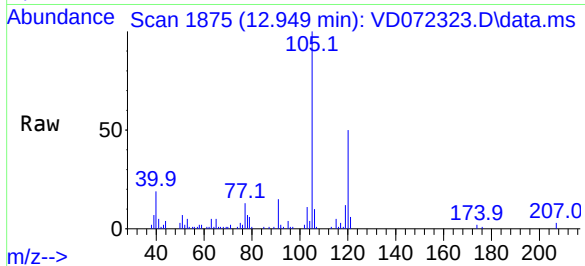




#80
1,3,5-Trimethylbenzene
Concen: 1.554 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

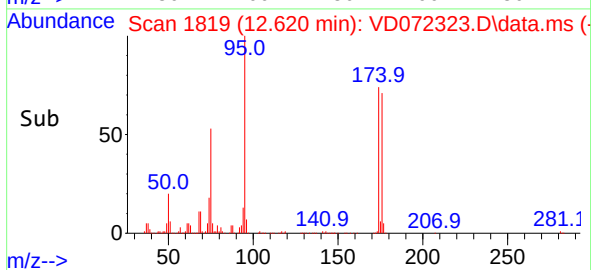
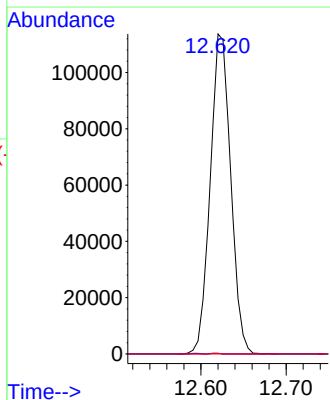
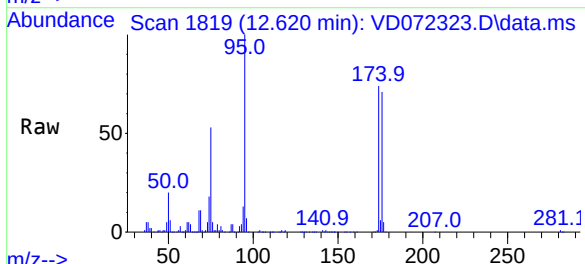
Instrument :
MSVOA_D
ClientSampleId :
G-3-2-3

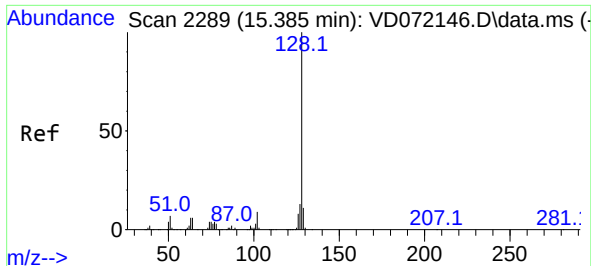
Tgt Ion:105 Resp: 38628
Ion Ratio Lower Upper
105 100
120 51.7 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 116.806 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072323.D
Acq: 19 Mar 2022 07:55

Tgt Ion: 75 Resp: 189588
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.1 33.9 50.9#





#95

Naphthalene

Concen: 1.047 ug/l

RT: 15.385 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD072323.D

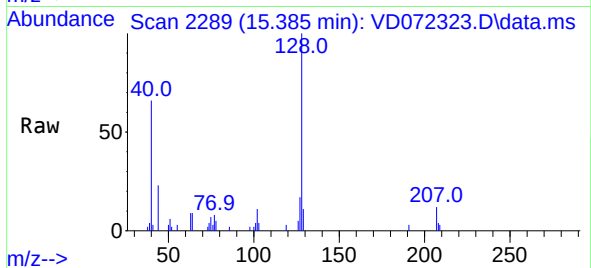
Acq: 19 Mar 2022 07:55

Instrument :

MSVOA_D

ClientSampleId :

G-3-2-2-3



Tgt Ion:128 Resp: 14213

Ion Ratio Lower Upper

128 100

127 15.1 10.3 15.5

129 11.1 8.4 12.6

