

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072301.D
 Acq On : 18 Mar 2022 20:34
 Operator : VA/SY
 Sample : N1962-07
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C-20-19-21

Quant Time: Mar 19 05:28:42 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)

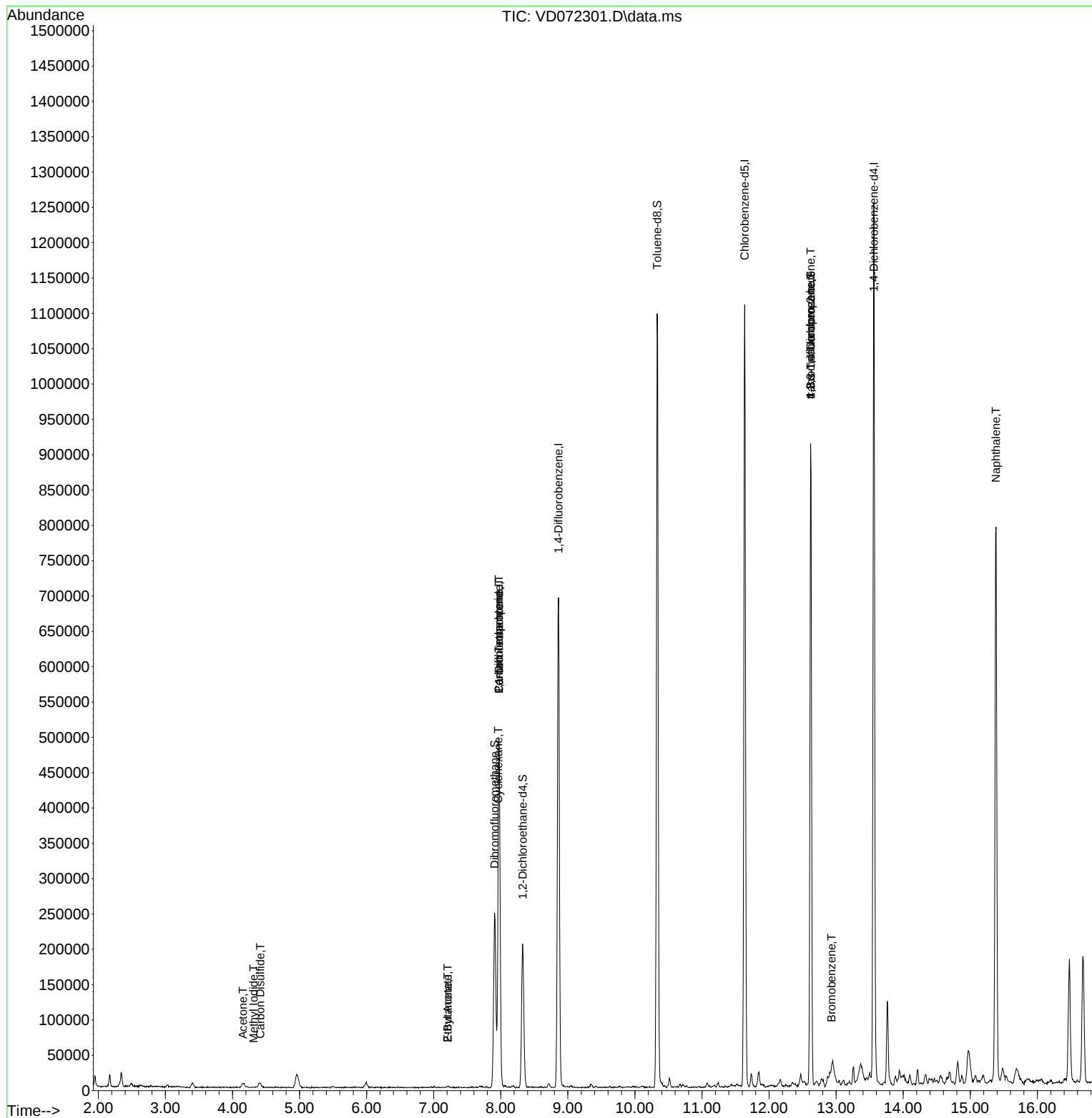
Internal Standards						
1) Pentafluorobenzene	7.973	168	356468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	590581	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	627908	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	322908	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	161022	40.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.060%
35) Dibromofluoromethane	7.908	113	177718	42.762	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.520%
50) Toluene-d8	10.332	98	737664	48.542	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.620	95	306551	51.917	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.840%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.314	142	263	2.296	ug/l #	38
16) Acetone	4.156	43	11085	12.852	ug/l	92
17) Carbon Disulfide	4.414	76	14357	3.323	ug/l	97
20) Methylene Chloride	4.950	84	7408	Below Cal	#	81
25) 2-Butanone	7.208	43	2883	2.507	ug/l	92
31) Cyclohexane	7.961	56	9539	1.537	ug/l #	43
36) 1,1-Dichloropropene	7.973	75	30177	5.176	ug/l #	52
37) Ethyl Acetate	7.208	43	2883	1.129	ug/l #	72
38) Carbon Tetrachloride	7.973	117	37026	5.587	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	159866	44.881	ug/l #	100
77) Bromobenzene	12.932	156	23163	4.022	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	159866	111.355	ug/l #	7
95) Naphthalene	15.384	128	684356	56.980	ug/l	99

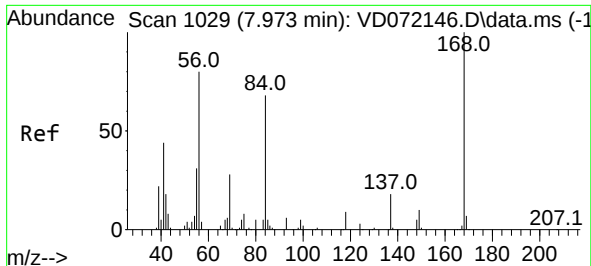
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
Data File : VD072301.D
Acq On : 18 Mar 2022 20:34
Operator : VA/SY
Sample : N1962-07
Misc : 5.08G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

Quant Time: Mar 19 05:28:42 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

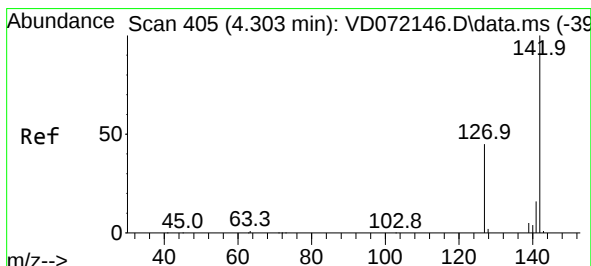
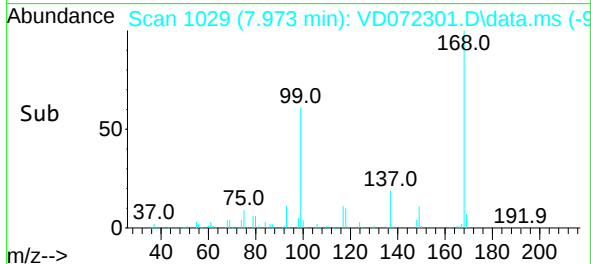
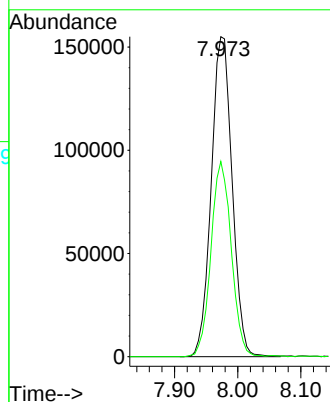
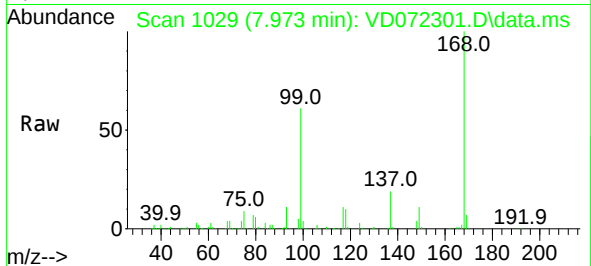




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

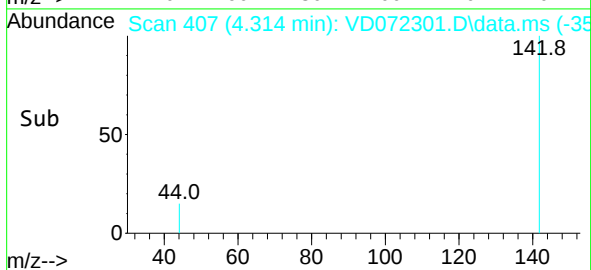
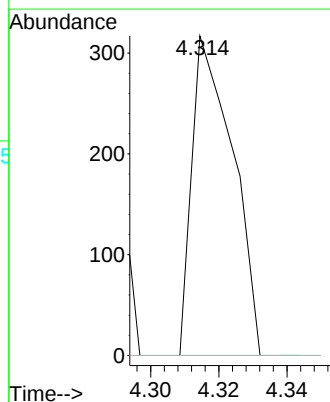
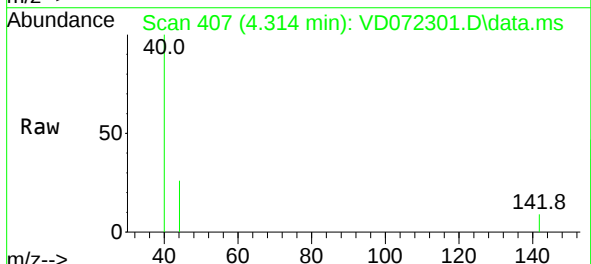
Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

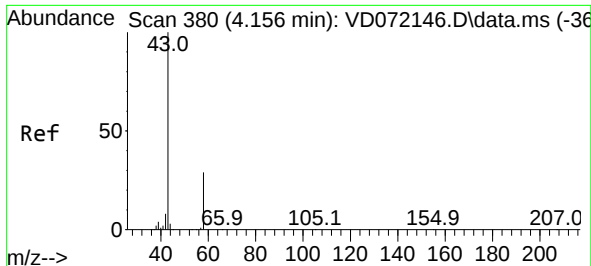
Tgt Ion:168 Resp: 356468
Ion Ratio Lower Upper
168 100
99 61.0 49.8 74.6



#10
Methyl Iodide
Concen: 2.296 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion:142 Resp: 263
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

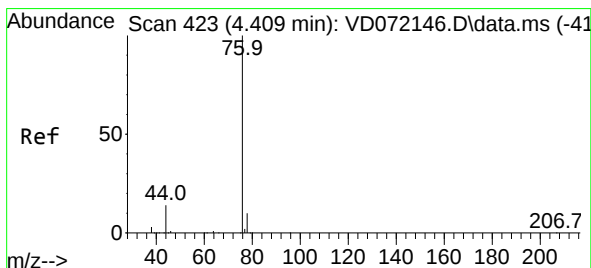
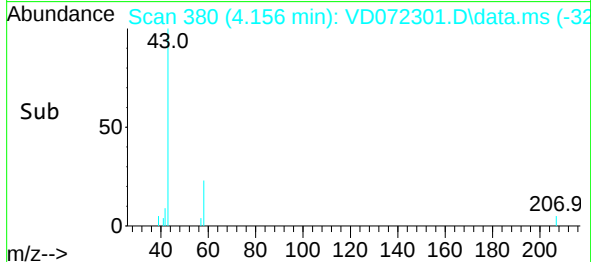
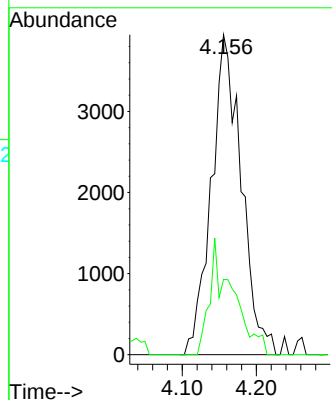
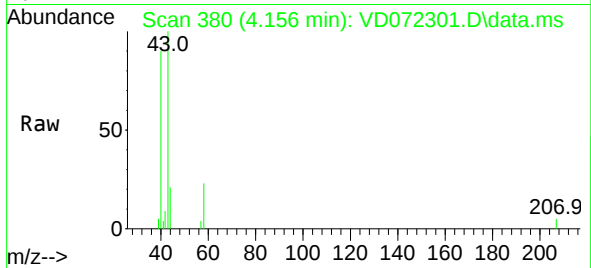




#16
Acetone
Concen: 12.852 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

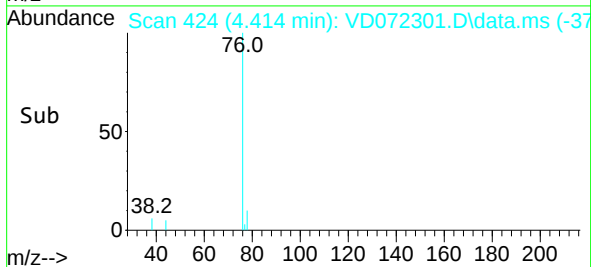
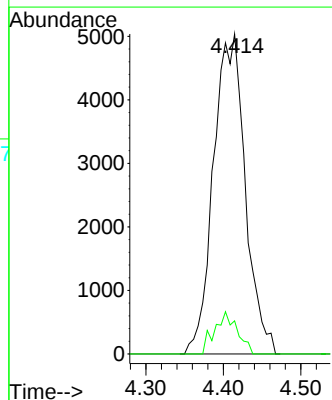
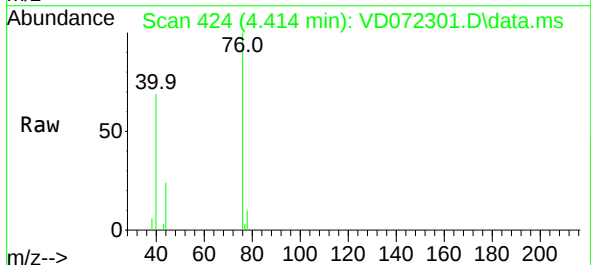
Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

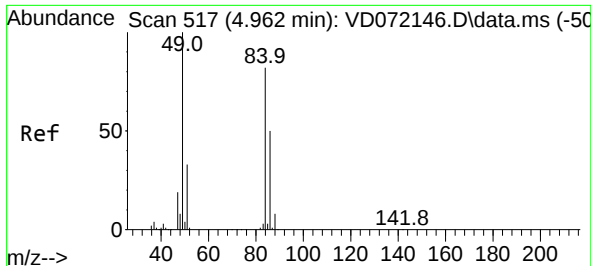
Tgt Ion: 43 Resp: 11085
Ion Ratio Lower Upper
43 100
58 23.5 22.1 33.1



#17
Carbon Disulfide
Concen: 3.323 ug/l
RT: 4.414 min Scan# 424
Delta R.T. 0.005 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion: 76 Resp: 14357
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3

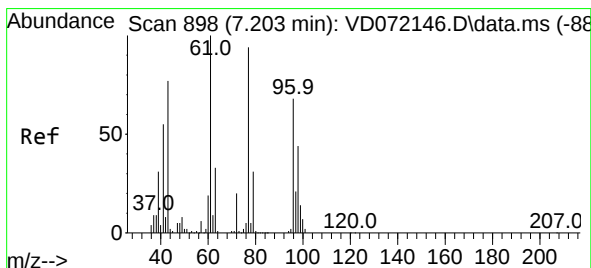
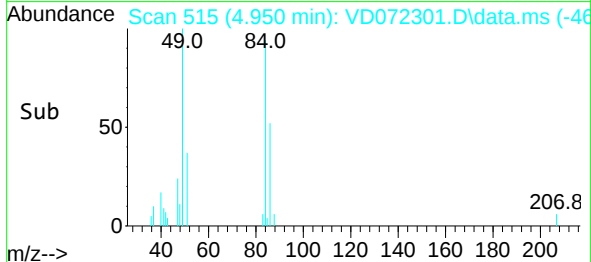
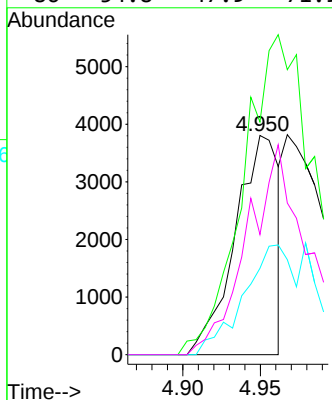
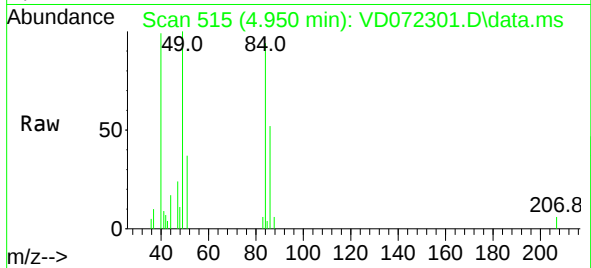




#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

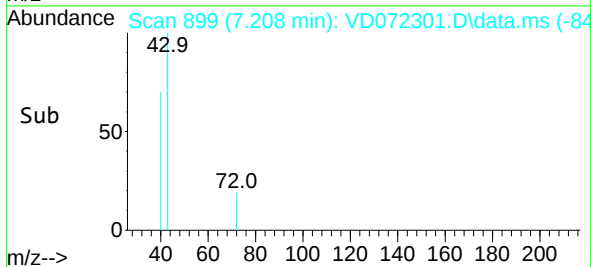
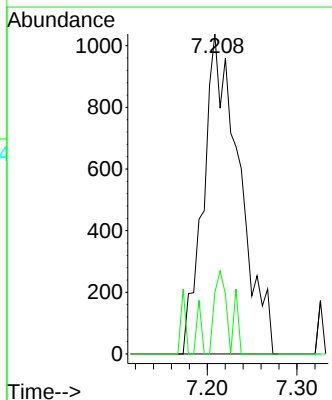
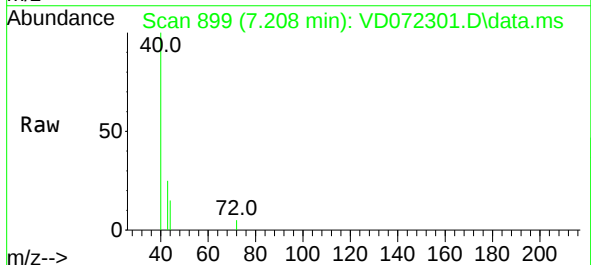
Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

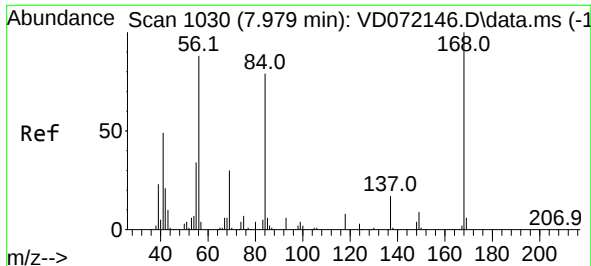
Tgt Ion:	84	Resp:	7408
Ion	Ratio	Lower	Upper
84	100		
49	106.1	112.8	169.2#
51	39.4	32.6	48.8
86	54.8	47.9	71.9



#25
2-Butanone
Concen: 2.507 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion:	43	Resp:	2883
Ion	Ratio	Lower	Upper
43	100		
72	19.2	18.6	27.8

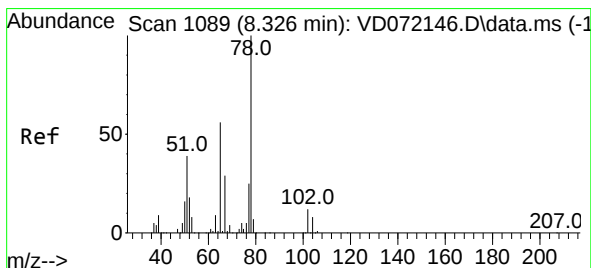
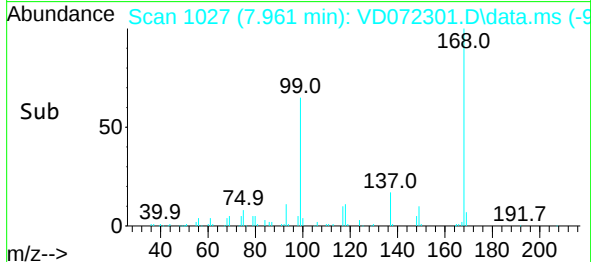
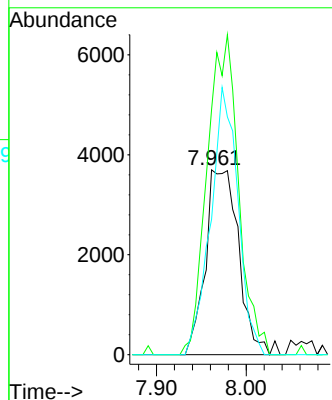
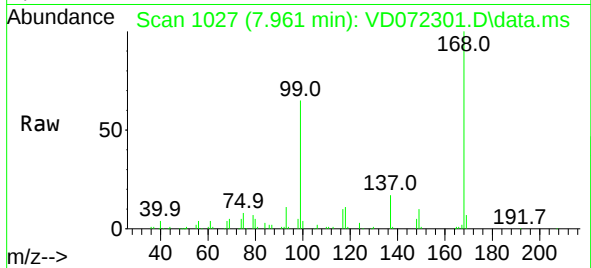




#31
Cyclohexane
Concen: 1.537 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

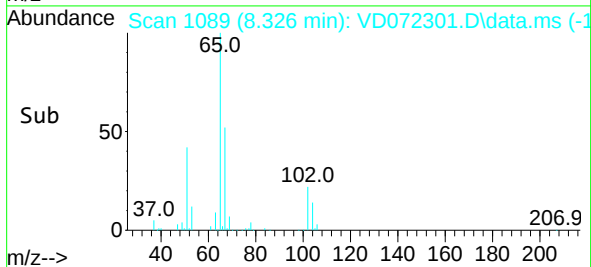
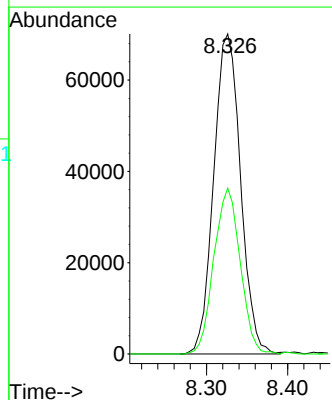
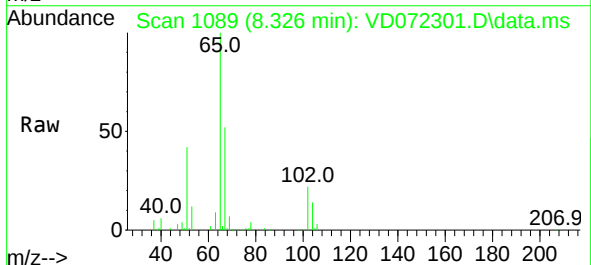
Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

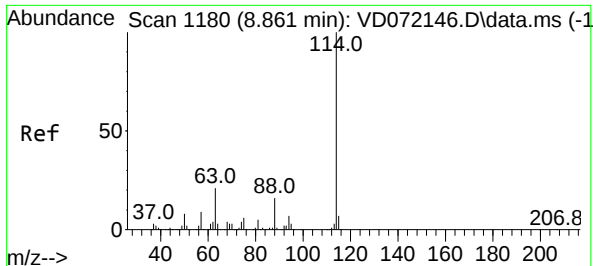
Tgt Ion: 56 Resp: 9539
Ion Ratio Lower Upper
56 100
69 132.6 25.4 38.2#
84 73.2 63.0 94.4



#33
1,2-Dichloroethane-d4
Concen: 40.533 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion: 65 Resp: 161022
Ion Ratio Lower Upper
65 100
67 50.8 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: VD072301.D

Acq: 18 Mar 2022 20:34

Instrument :

MSVOA_D

ClientSampleId :

C-20-19-21

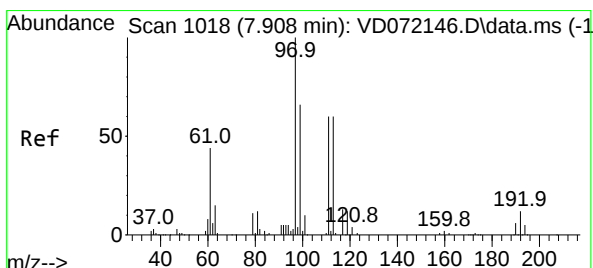
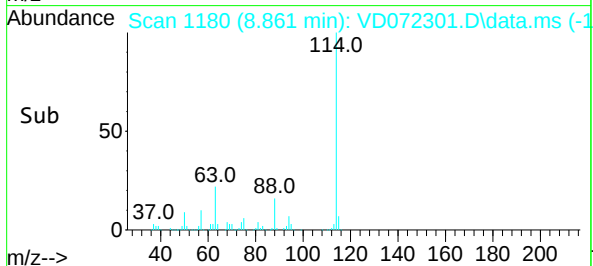
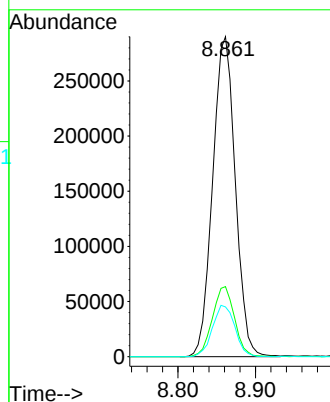
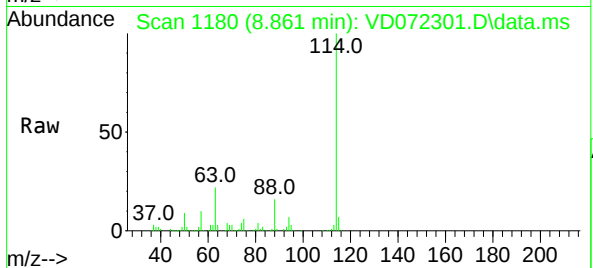
Tgt Ion:114 Resp: 590581

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 15.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 42.762 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD072301.D

Acq: 18 Mar 2022 20:34

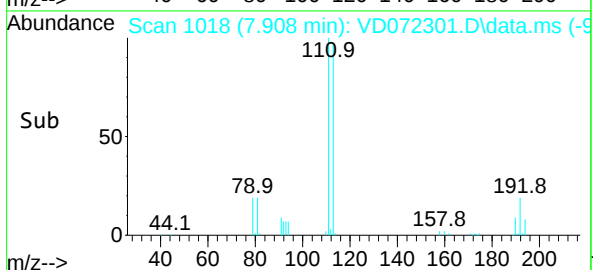
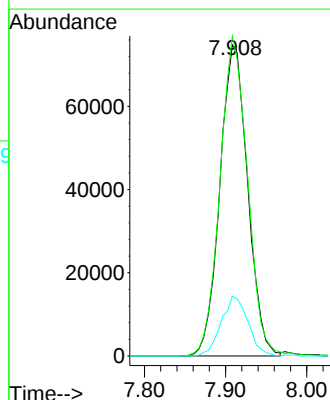
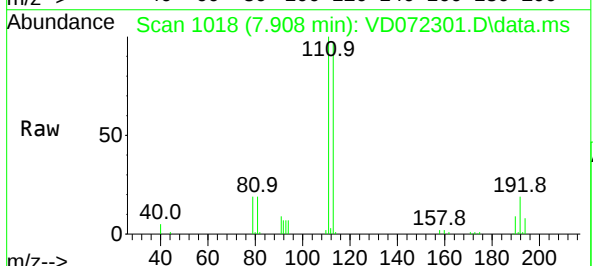
Tgt Ion:113 Resp: 177718

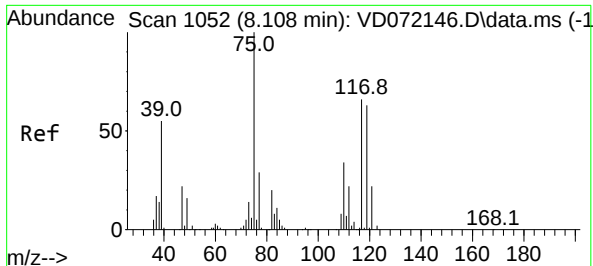
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 18.6 14.6 21.8

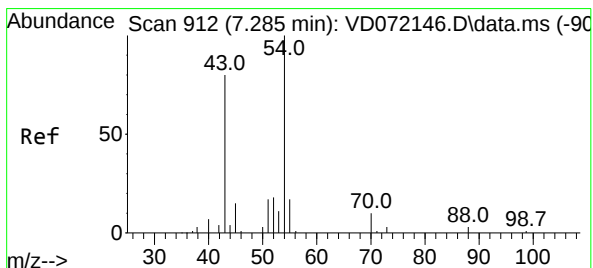
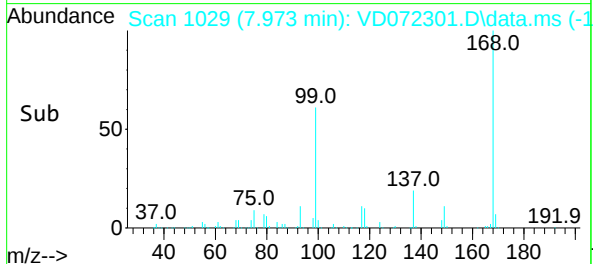
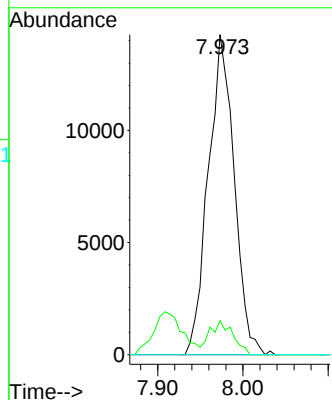
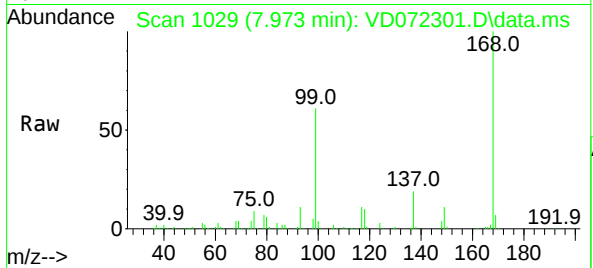




#36
 1,1-Dichloropropene
 Concen: 5.176 ug/l
 RT: 7.973 min Scan# 1029
 Delta R.T. -0.135 min
 Lab File: VD072301.D
 Acq: 18 Mar 2022 20:34

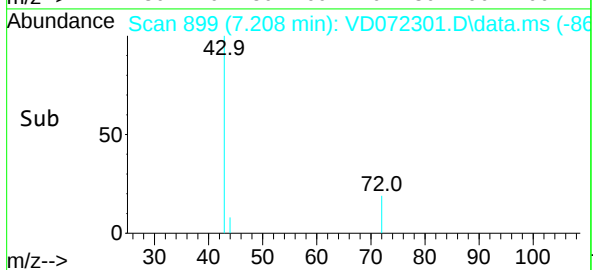
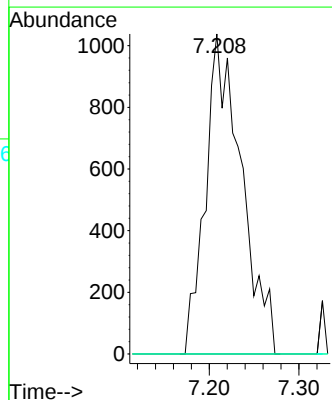
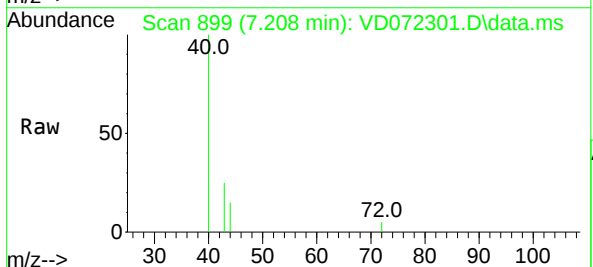
Instrument :
 MSVOA_D
 ClientSampleId :
 C-20-19-21

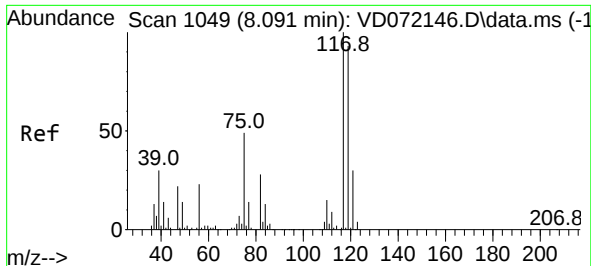
Tgt Ion: 75 Resp: 30177
 Ion Ratio Lower Upper
 75 100
 110 9.4 16.4 49.1#
 77 0.0 24.2 36.2#



#37
 Ethyl Acetate
 Concen: 1.129 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. -0.077 min
 Lab File: VD072301.D
 Acq: 18 Mar 2022 20:34

Tgt Ion: 43 Resp: 2883
 Ion Ratio Lower Upper
 43 100
 61 0.0 9.8 14.8#
 70 0.0 6.9 10.3#

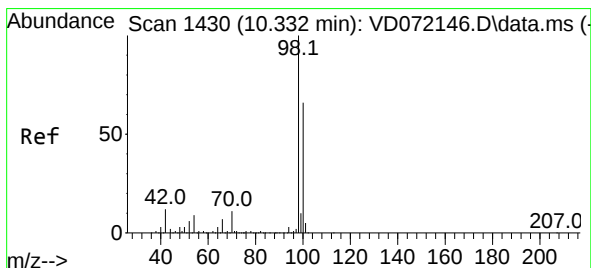
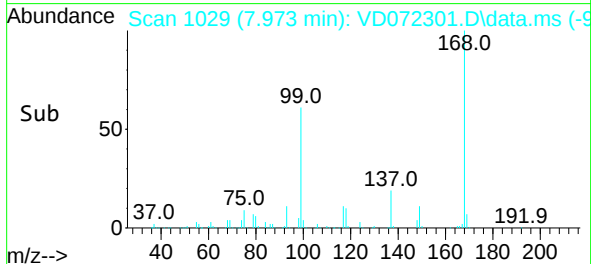
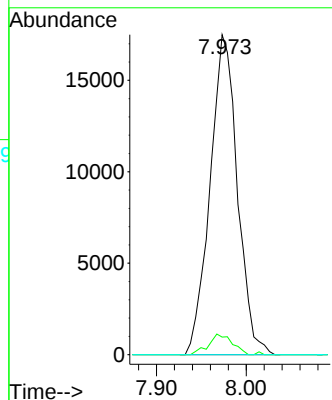
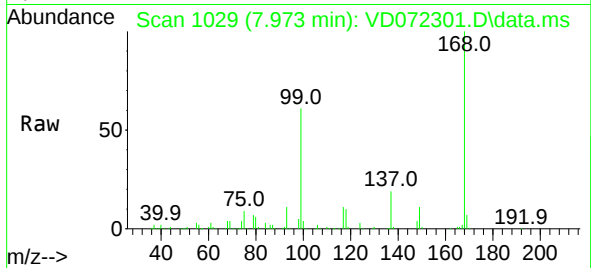




#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

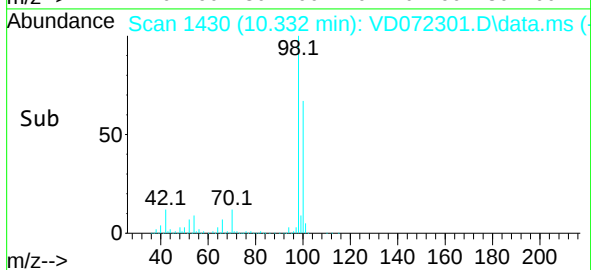
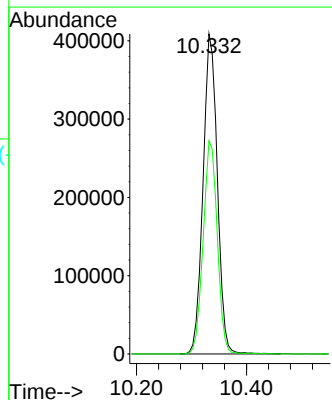
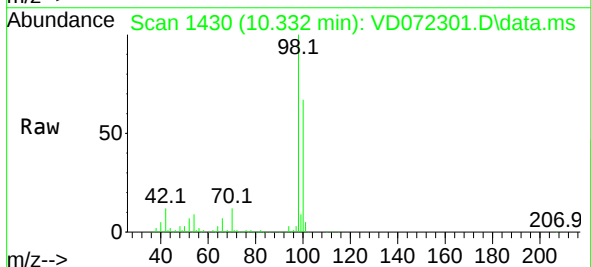
Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

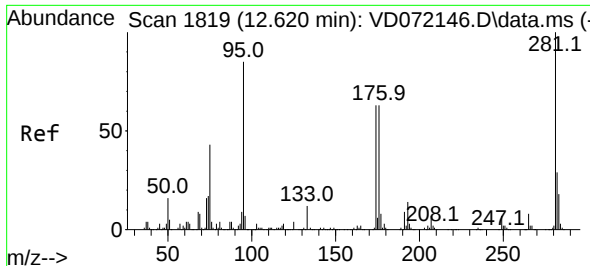
Tgt Ion:117 Resp: 37026
Ion Ratio Lower Upper
117 100
119 5.5 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.542 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion: 98 Resp: 737664
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

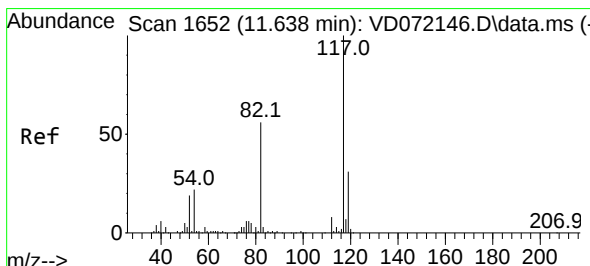
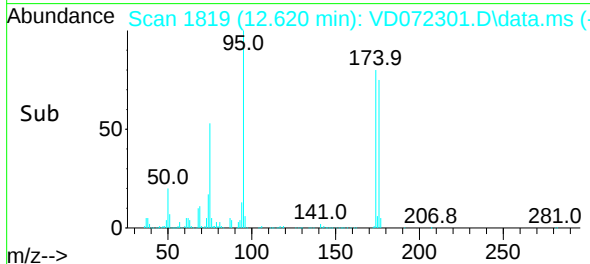
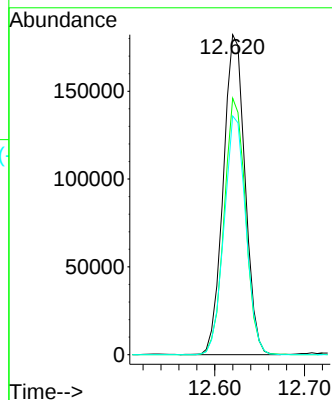
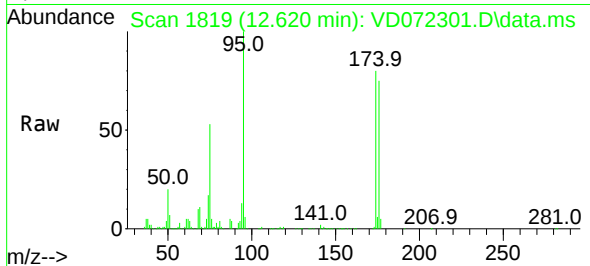




#62
4-Bromofluorobenzene
Concen: 51.917 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

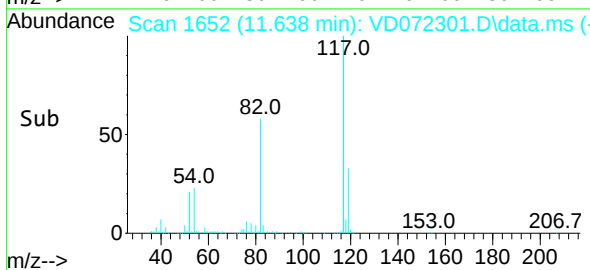
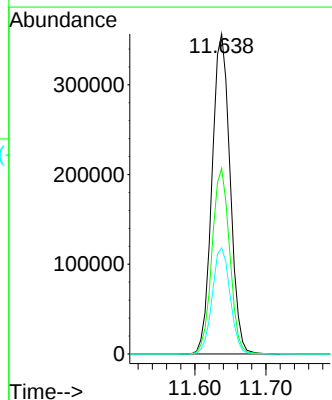
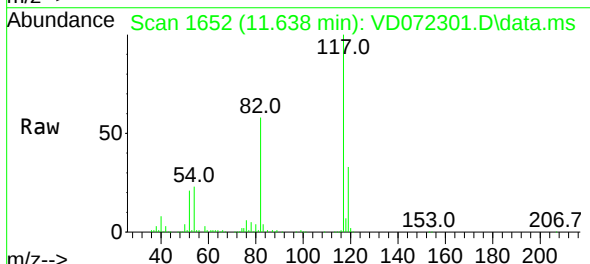
Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

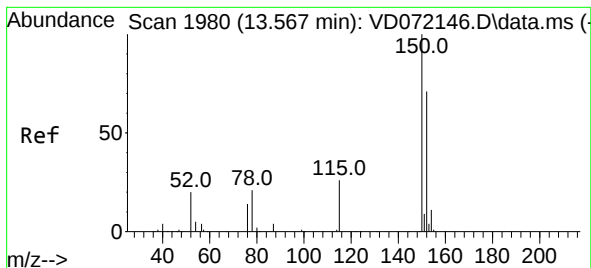
Tgt Ion: 95 Resp: 306551
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 74.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion: 117 Resp: 627908
Ion Ratio Lower Upper
117 100
82 58.0 45.3 67.9
119 33.2 26.6 40.0

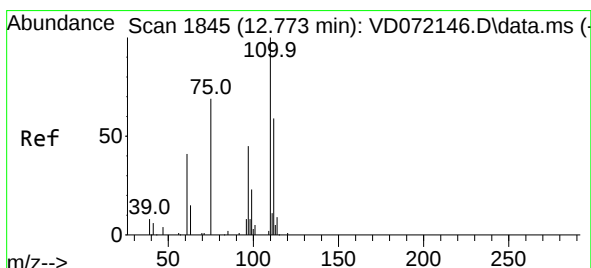
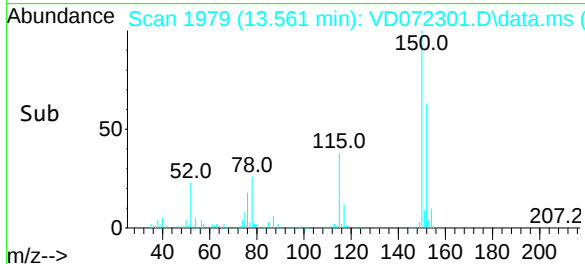
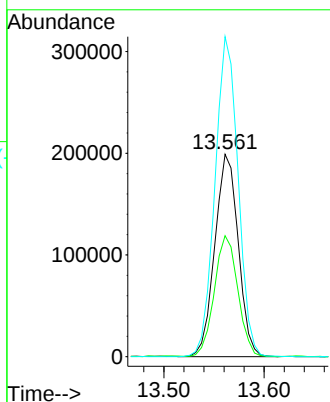
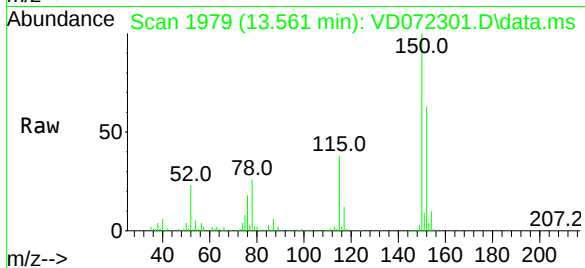




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD072301.D
 Acq: 18 Mar 2022 20:34

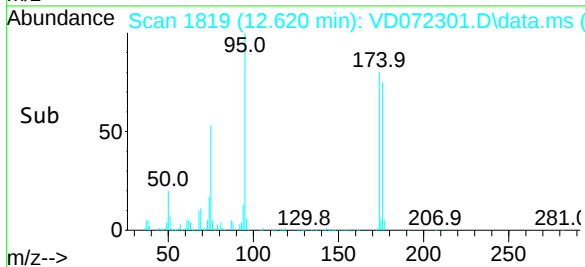
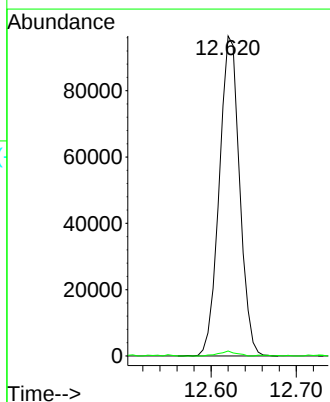
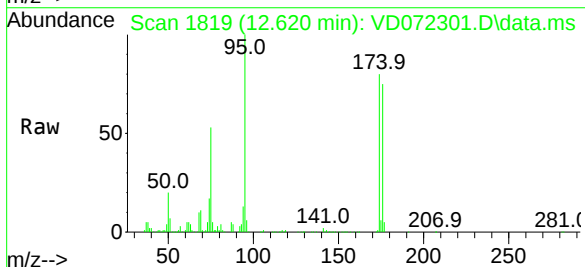
Instrument :
 MSVOA_D
 ClientSampleId :
 C-20-19-21

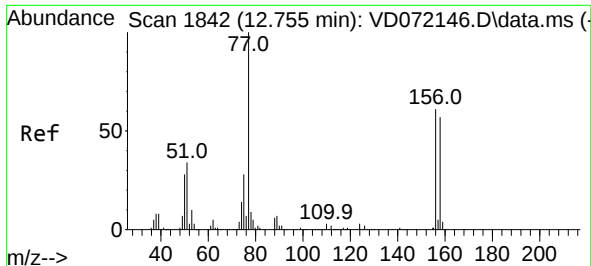
Tgt Ion:152 Resp: 322908
 Ion Ratio Lower Upper
 152 100
 115 60.0 31.3 93.8
 150 155.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 44.881 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD072301.D
 Acq: 18 Mar 2022 20:34

Tgt Ion: 75 Resp: 159866
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

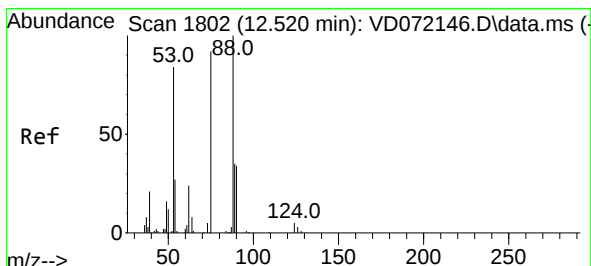
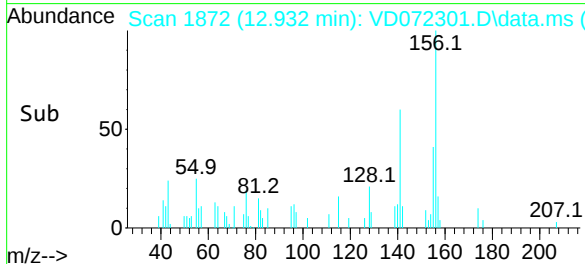
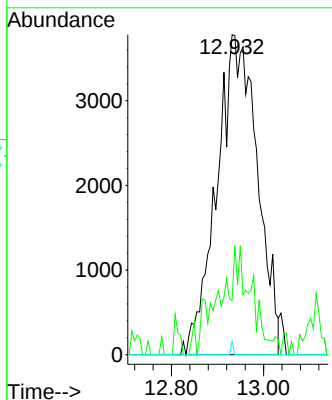
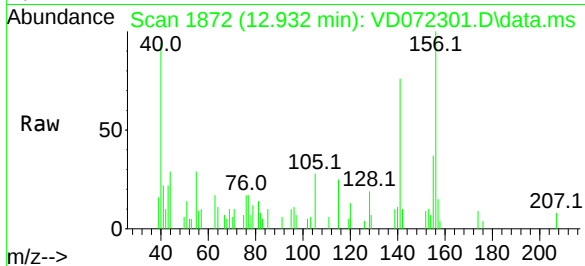




#77
Bromobenzene
Concen: 4.022 ug/l
RT: 12.932 min Scan# 1819
Delta R.T. 0.176 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

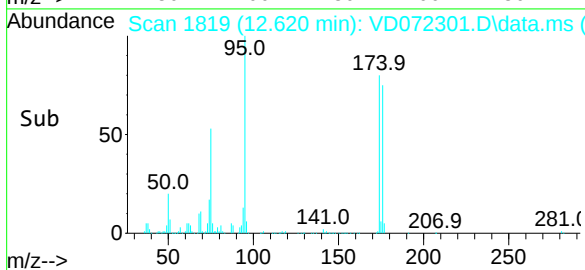
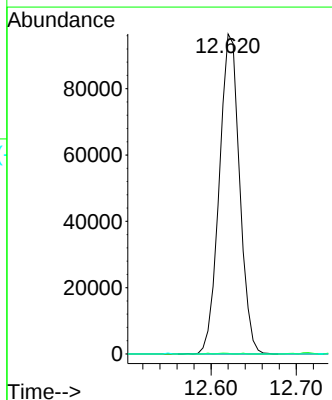
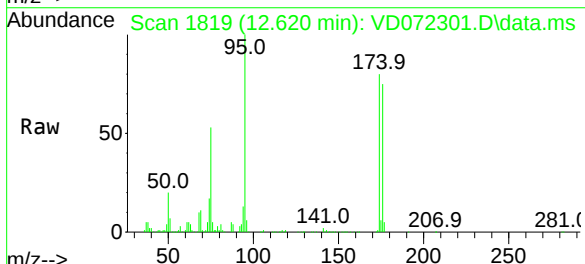
Instrument :
MSVOA_D
ClientSampleId :
C-20-19-21

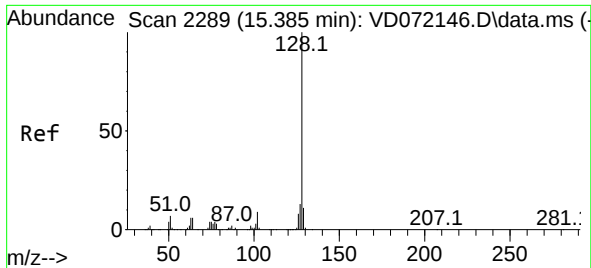
Tgt Ion:156 Resp: 23163
Ion Ratio Lower Upper
156 100
77 2.7 102.8 308.3#
158 0.2 48.7 146.1#



#81
trans-1,4-Dichloro-2-butene
Concen: 111.355 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072301.D
Acq: 18 Mar 2022 20:34

Tgt Ion: 75 Resp: 159866
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#





#95

Naphthalene

Concen: 56.980 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD072301.D

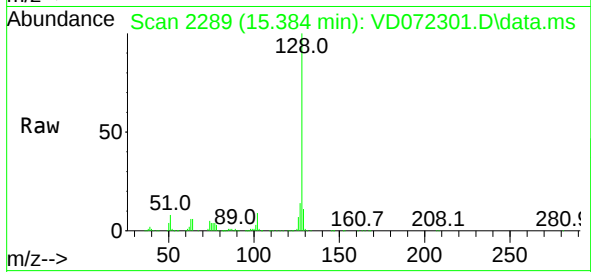
Acq: 18 Mar 2022 20:34

Instrument :

MSVOA_D

ClientSampleId :

C-20-19-21



Tgt Ion:128 Resp: 684356

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.9 8.4 12.6

