

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031822\
 Data File : VD072313.D
 Acq On : 19 Mar 2022 03:10
 Operator : VA/SY
 Sample : N1993-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TR-04-03162022

Quant Time: Mar 19 05:34:17 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)

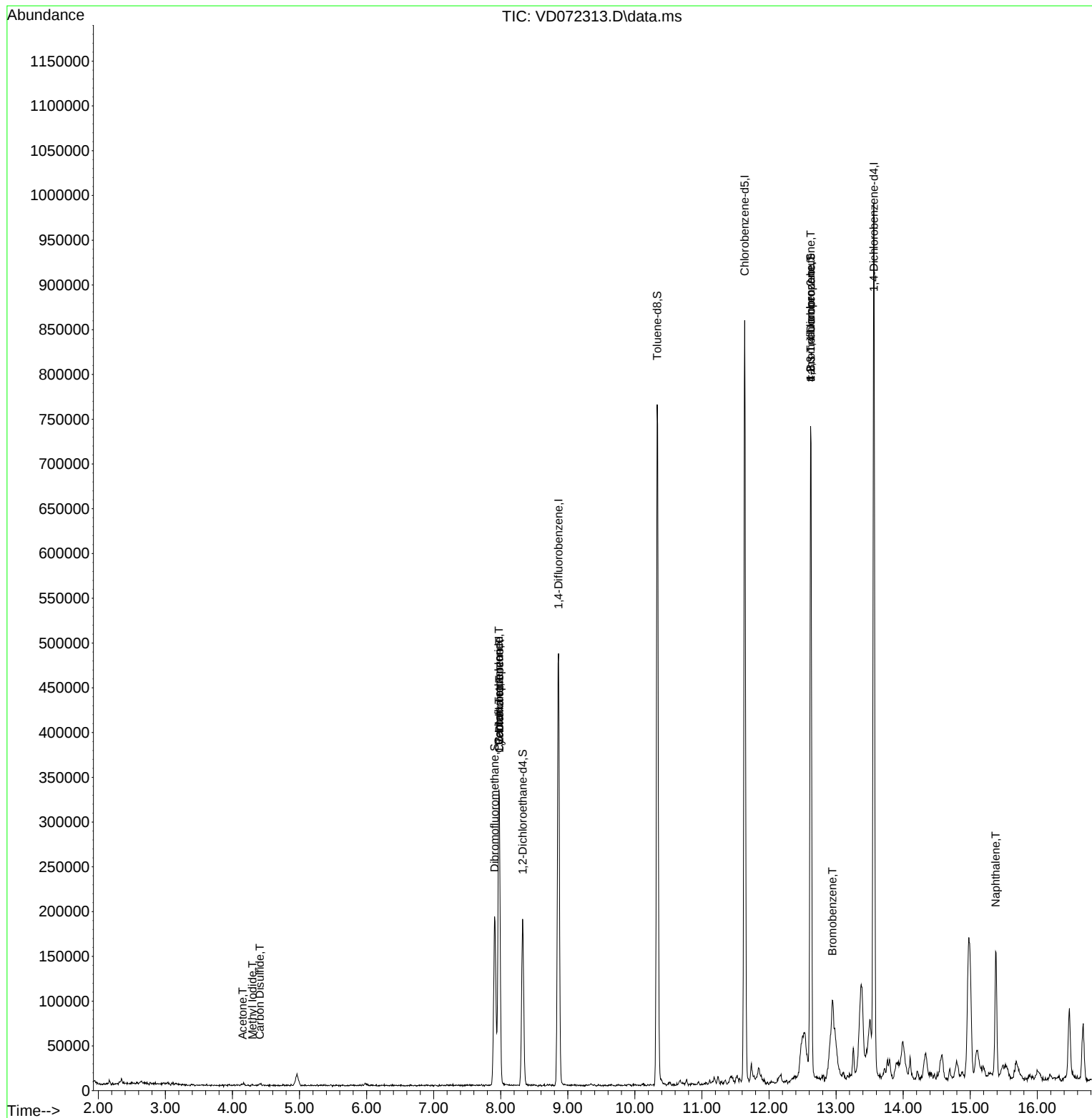
Internal Standards						
1) Pentafluorobenzene	7.973	168	249601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	407555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	481477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	259942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145941	52.465	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.940%			
35) Dibromofluoromethane	7.909	113	136292	47.522	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.040%			
50) Toluene-d8	10.332	98	522371	49.812	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.620%			
62) 4-Bromofluorobenzene	12.620	95	252242	61.904	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 123.800%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	577	2.443	ug/l #	85
16) Acetone	4.150	43	1457	2.412	ug/l #	78
17) Carbon Disulfide	4.409	76	4267	2.274	ug/l #	74
20) Methylene Chloride	4.962	84	9687	Below Cal	#	93
31) Cyclohexane	7.979	56	5957	1.371	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	19897	4.945	ug/l #	51
38) Carbon Tetrachloride	7.973	117	25674	5.614	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	129258	45.079	ug/l #	100
77) Bromobenzene	12.944	156	83132	17.930	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	129258	111.845	ug/l #	7
95) Naphthalene	15.379	128	130157	13.462	ug/l	98

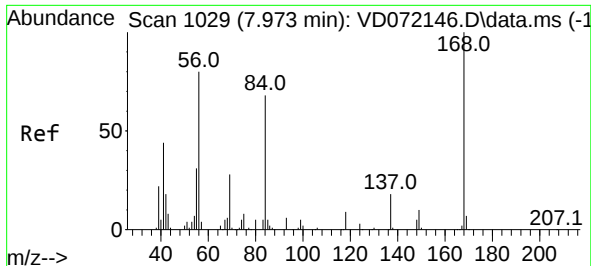
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

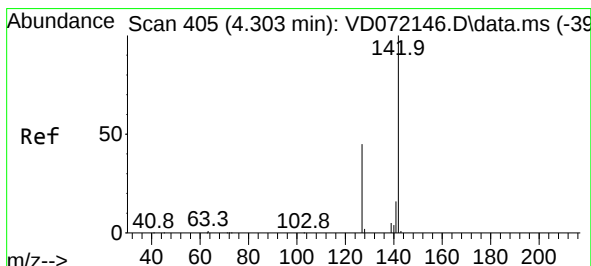
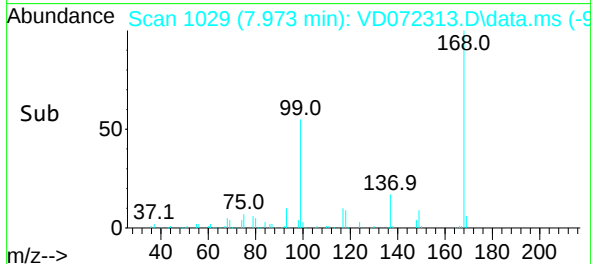
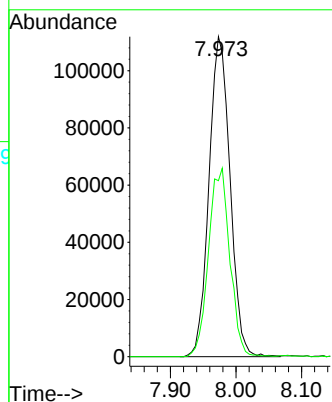
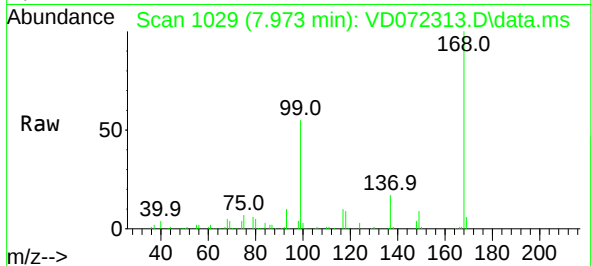




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

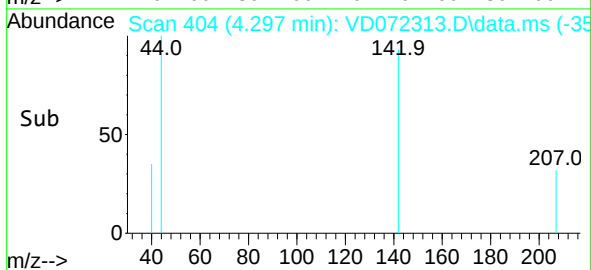
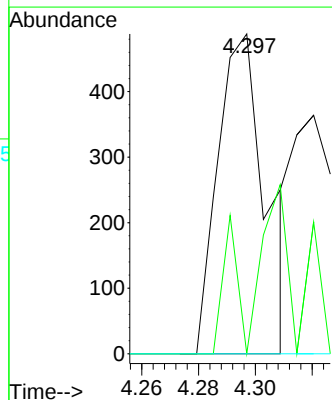
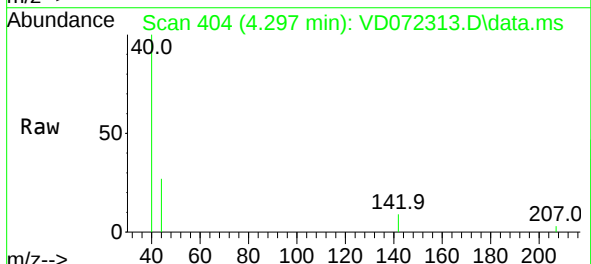
Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

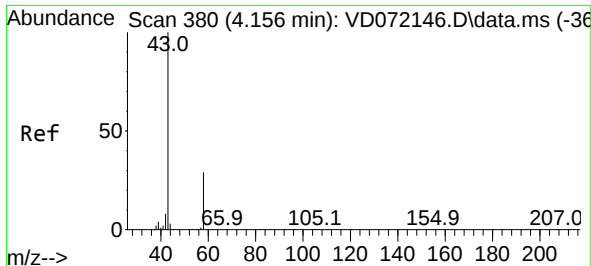
Tgt Ion:168 Resp: 249601
Ion Ratio Lower Upper
168 100
99 55.0 49.8 74.6



#10
Methyl Iodide
Concen: 2.443 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion:142 Resp: 577
Ion Ratio Lower Upper
142 100
127 52.0 37.3 55.9
141 0.0 11.7 17.5#

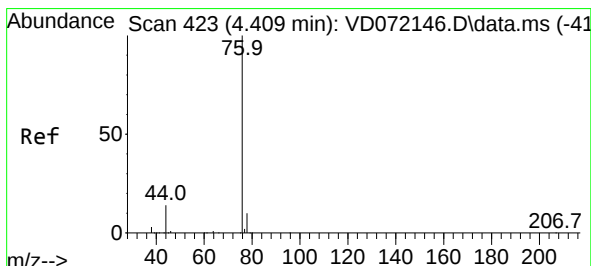
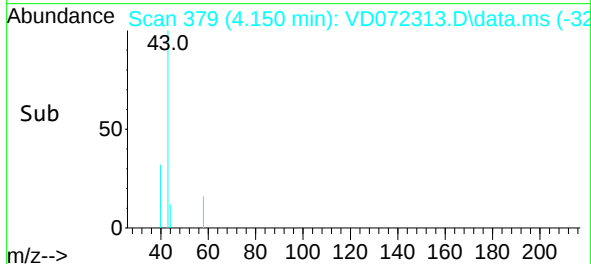
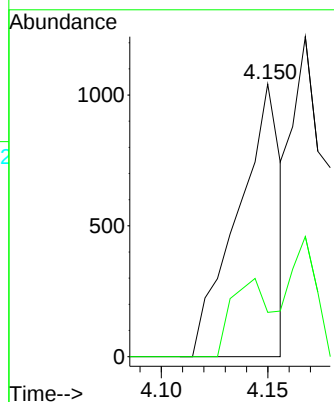
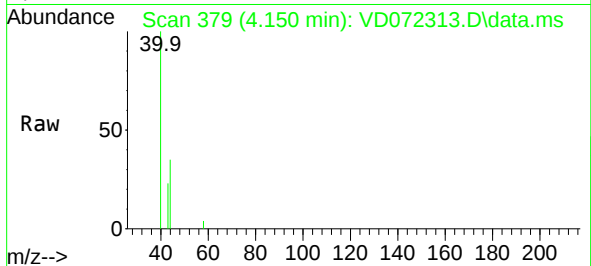




#16
Acetone
Concen: 2.412 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

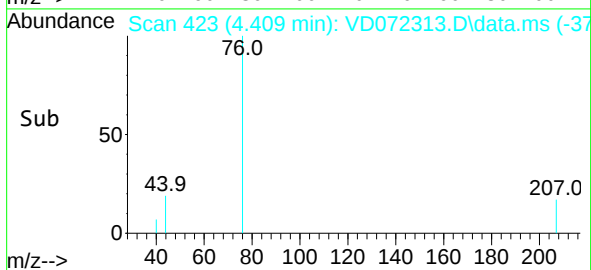
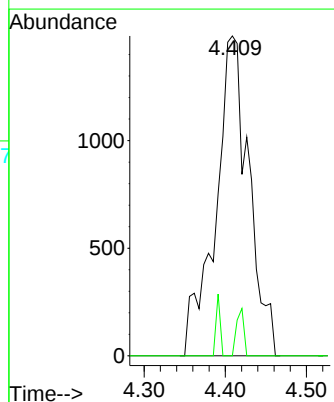
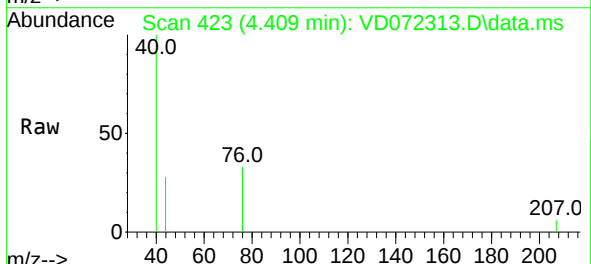
Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

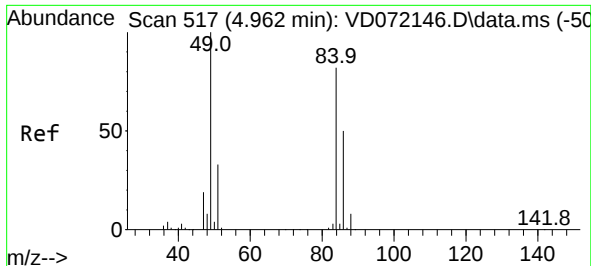
Tgt Ion: 43 Resp: 1457
Ion Ratio Lower Upper
43 100
58 16.2 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.274 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion: 76 Resp: 4267
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

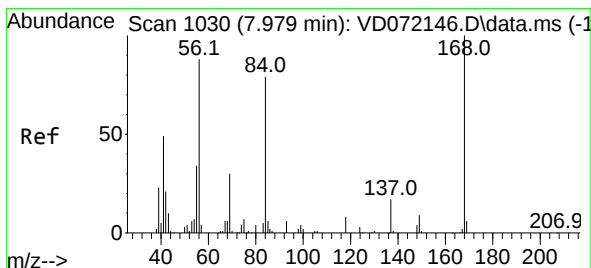
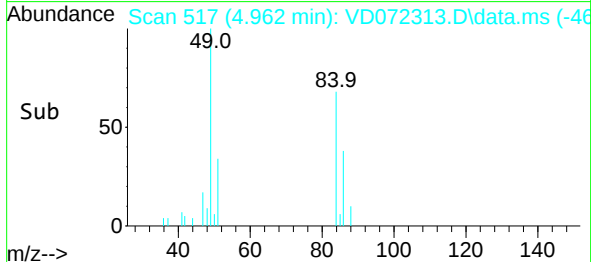
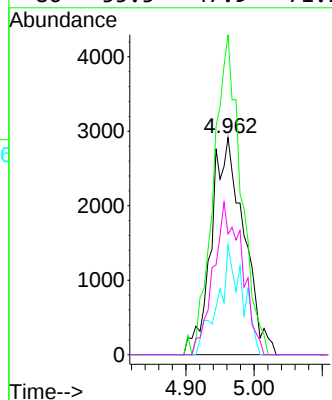
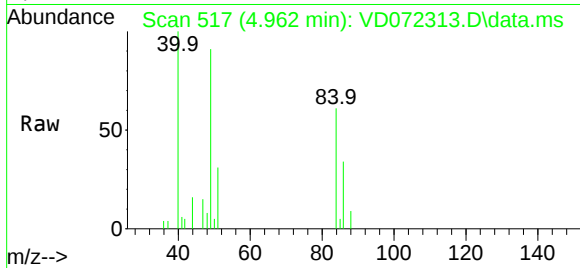




#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

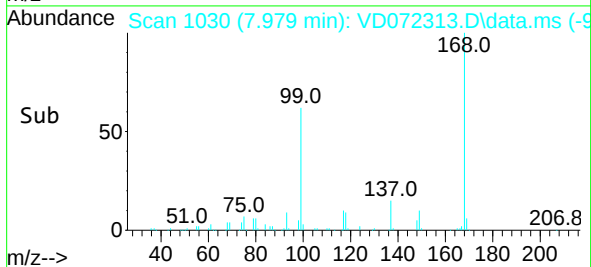
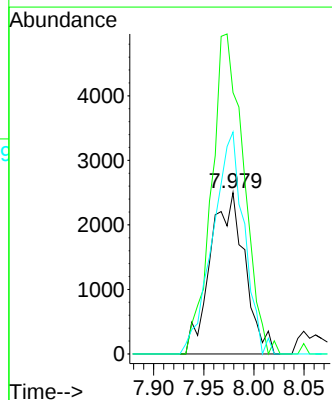
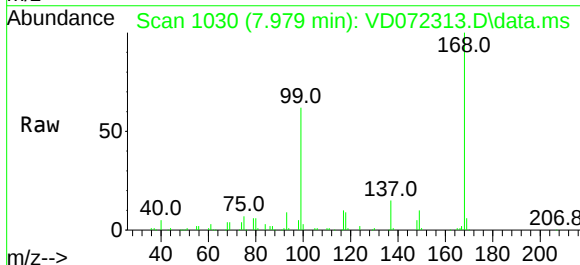
Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

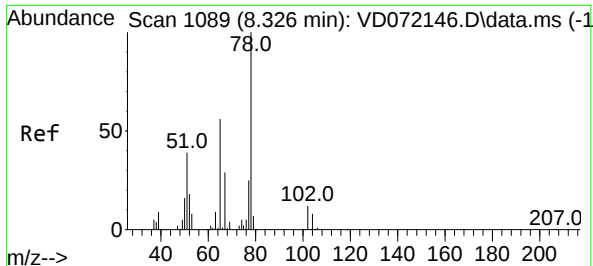
Tgt Ion:	84	Resp:	9687
Ion	Ratio	Lower	Upper
84	100		
49	147.4	112.8	169.2
51	50.4	32.6	48.8#
86	55.5	47.9	71.9



#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion:	56	Resp:	5957
Ion	Ratio	Lower	Upper
56	100		
69	162.1	25.4	38.2#
84	137.6	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 52.465 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072313.D

Acq: 19 Mar 2022 03:10

Instrument :

MSVOA_D

ClientSampleId :

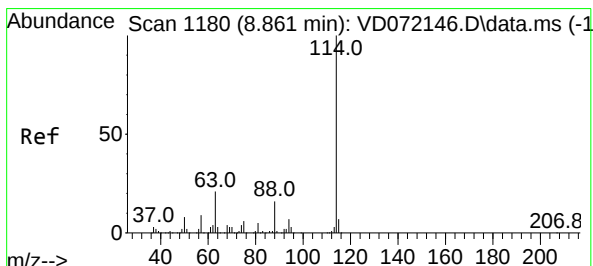
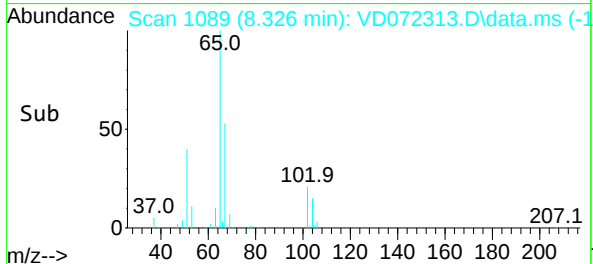
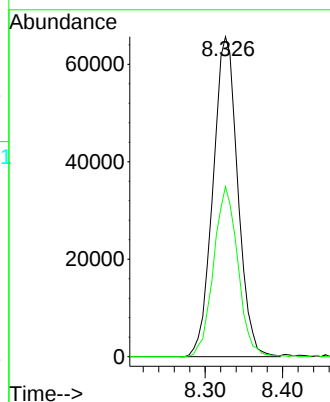
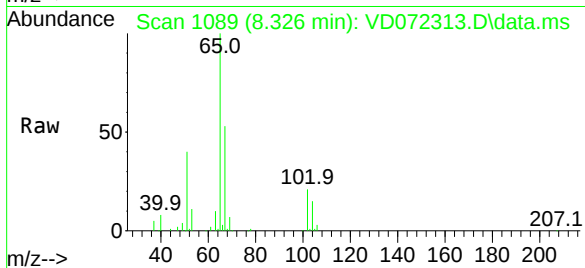
TR-04-03162022

Tgt Ion: 65 Resp: 145941

Ion Ratio Lower Upper

65 100

67 52.2 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: VD072313.D

Acq: 19 Mar 2022 03:10

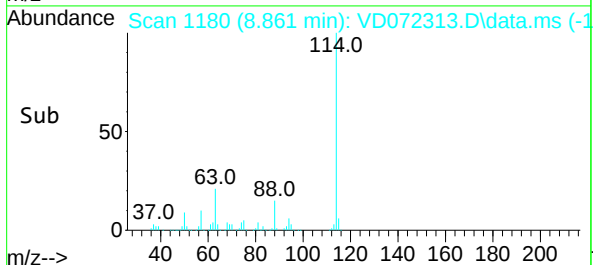
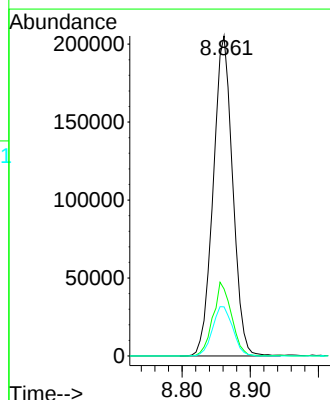
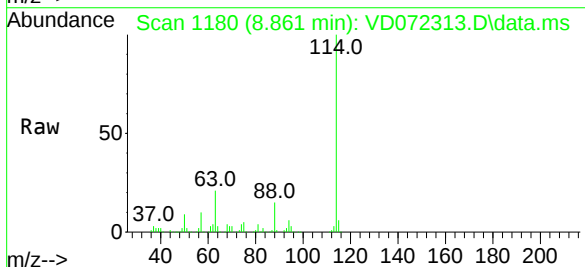
Tgt Ion: 114 Resp: 407555

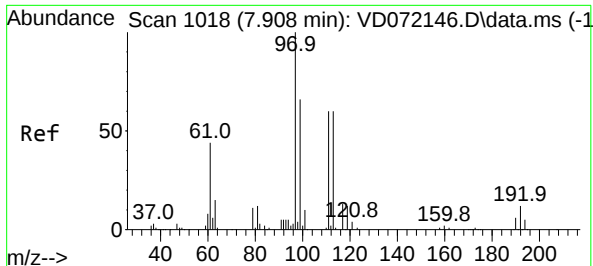
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.3 0.0 33.2

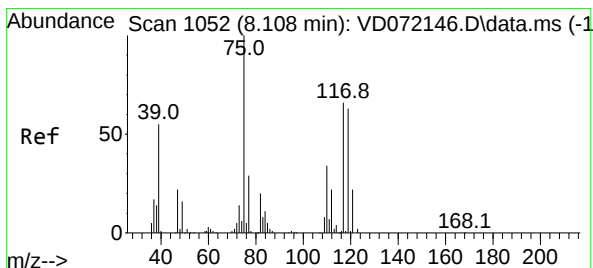
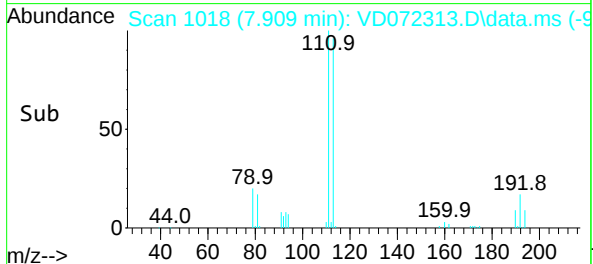
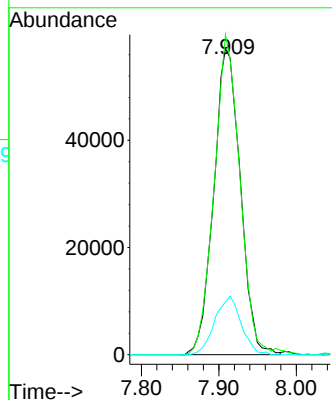
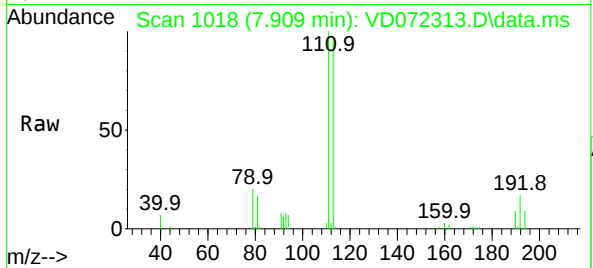




#35
Dibromofluoromethane
Concen: 47.522 ug/l
RT: 7.909 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

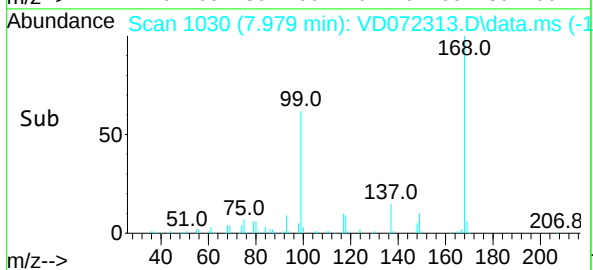
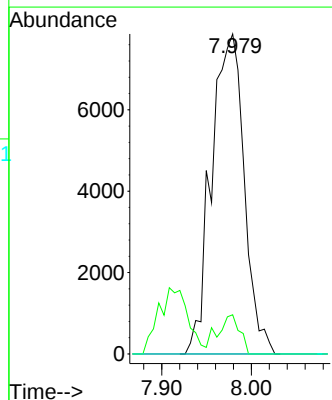
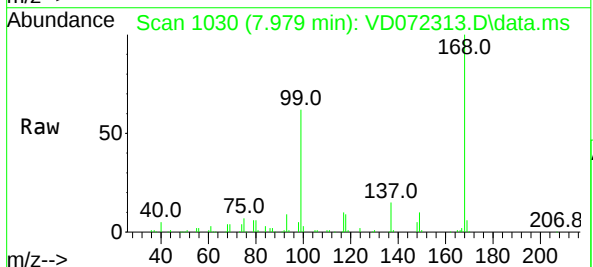
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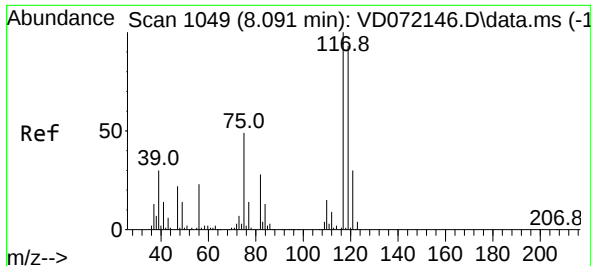
Tgt Ion:113 Resp: 136292
Ion Ratio Lower Upper
113 100
111 101.3 83.8 125.6
192 18.8 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.945 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion: 75 Resp: 19897
Ion Ratio Lower Upper
75 100
110 8.2 16.4 49.1#
77 0.0 24.2 36.2#

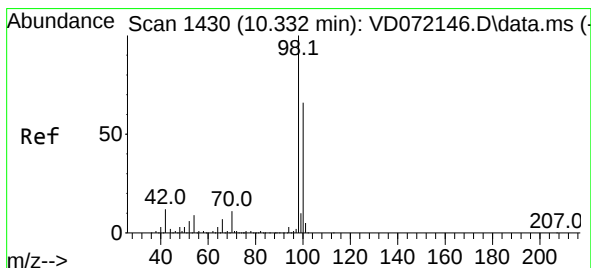
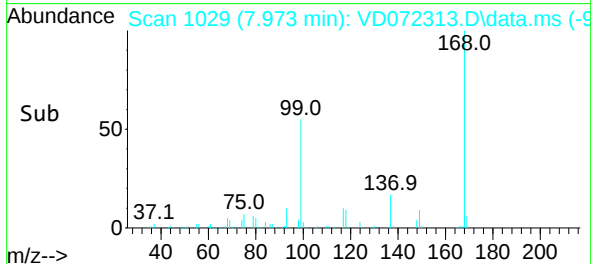
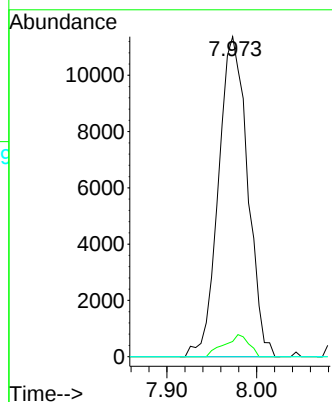
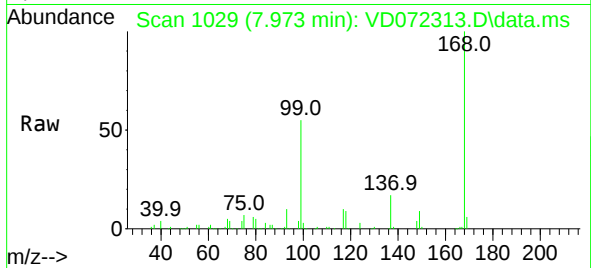




#38
Carbon Tetrachloride
Concen: 5.614 ug/l
RT: 7.973 min Scan# 1049
Delta R.T. -0.118 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

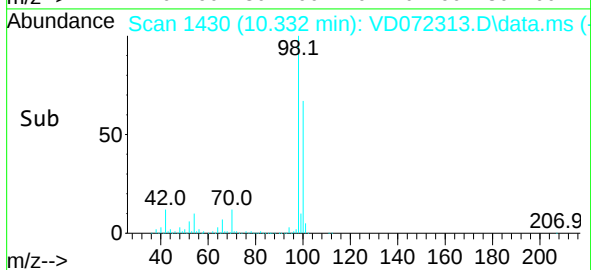
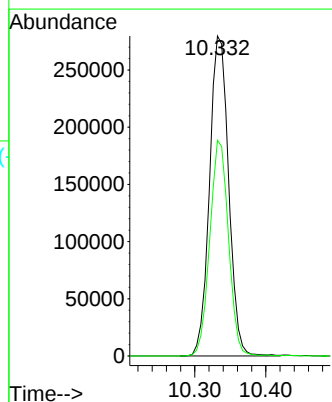
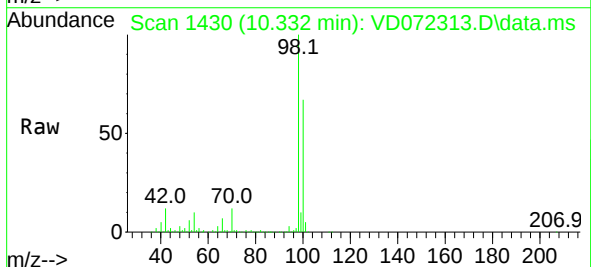
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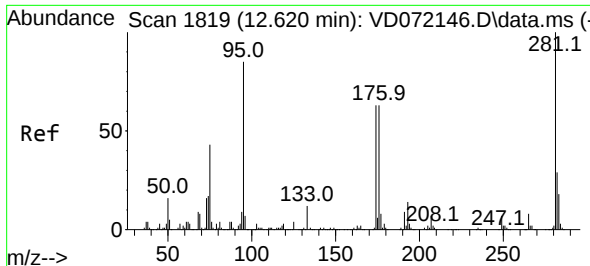
Tgt Ion:117 Resp: 25674
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.812 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion: 98 Resp: 522371
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6

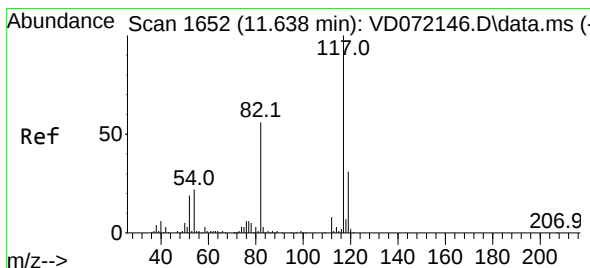
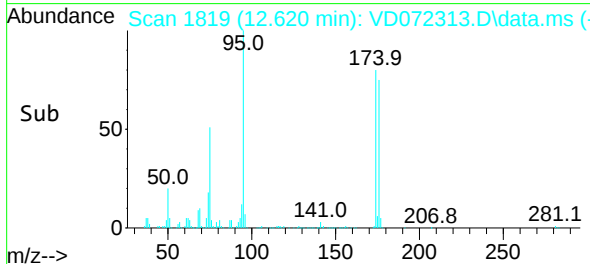
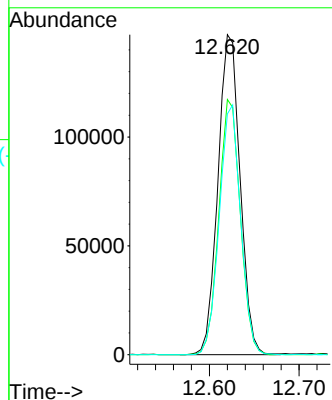
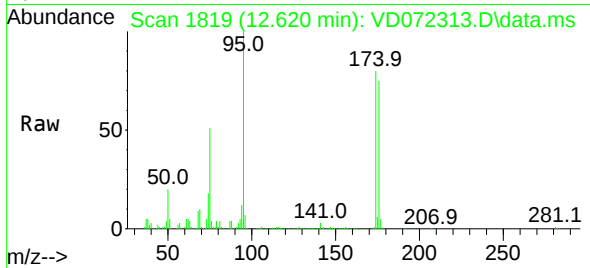




#62
4-Bromofluorobenzene
Concen: 61.904 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

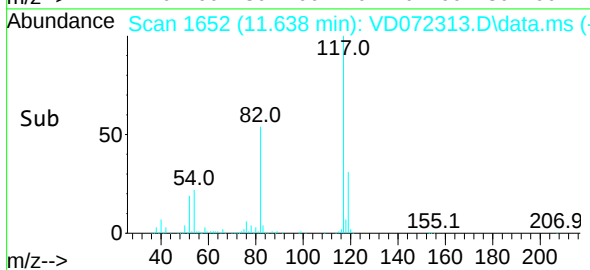
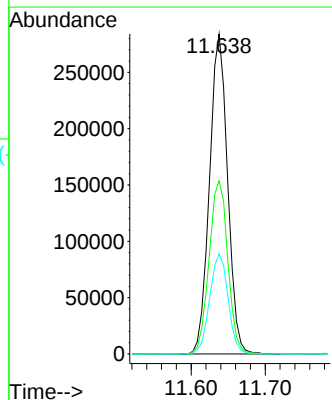
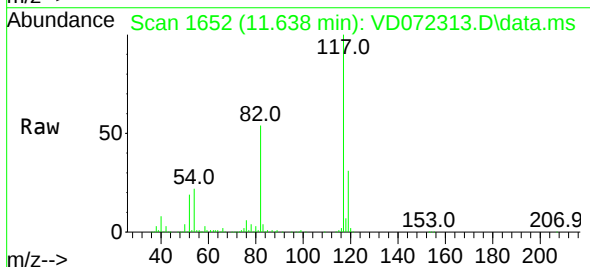
Instrument :
MSVOA_D
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TR-04-03162022

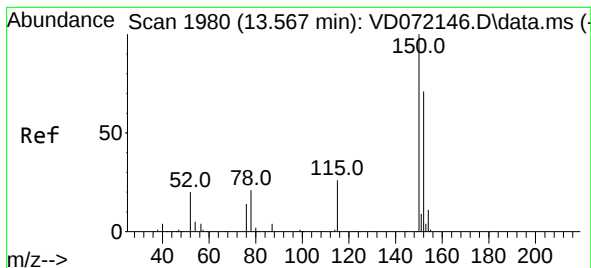
Tgt Ion: 95 Resp: 252242
Ion Ratio Lower Upper
95 100
174 77.3 0.0 152.8
176 75.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Tgt Ion: 117 Resp: 481477
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.3 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: VD072313.D

Acq: 19 Mar 2022 03:10

Instrument :

MSVOA_D

ClientSampleId :

TR-04-03162022

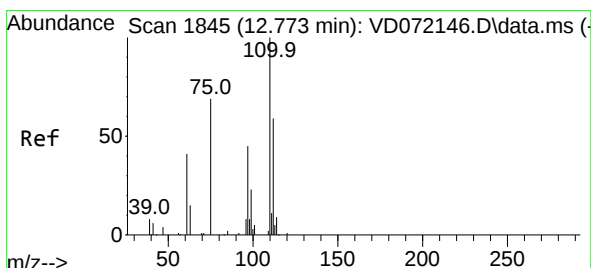
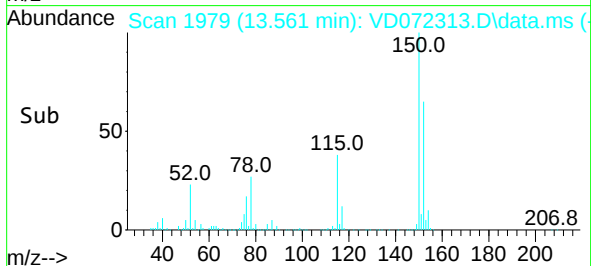
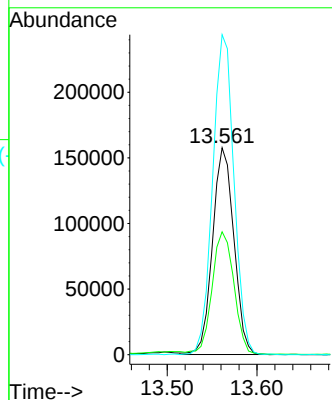
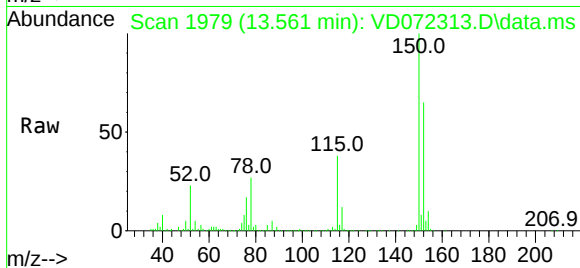
Tgt Ion:152 Resp: 259942

Ion Ratio Lower Upper

152 100

115 60.7 31.3 93.8

150 154.8 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 45.079 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.153 min

Lab File: VD072313.D

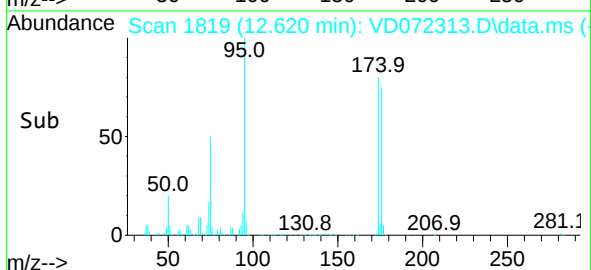
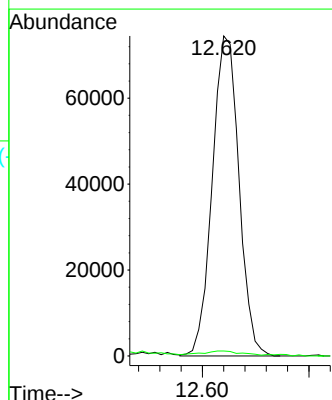
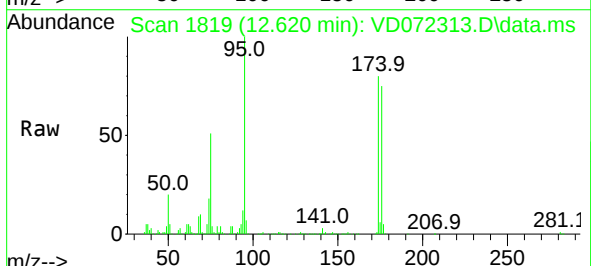
Acq: 19 Mar 2022 03:10

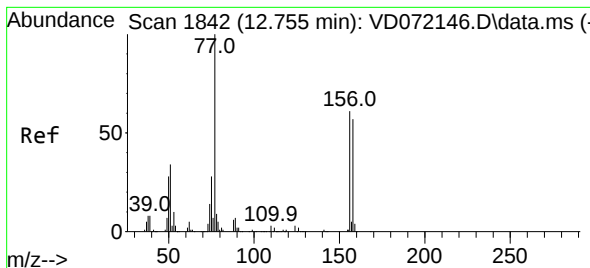
Tgt Ion: 75 Resp: 129258

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#





#77

Bromobenzene

Concen: 17.930 ug/l

RT: 12.944 min Scan# 1819

Delta R.T. 0.188 min

Lab File: VD072313.D

Acq: 19 Mar 2022 03:10

Instrument :

MSVOA_D

ClientSampleId :

TR-04-03162022

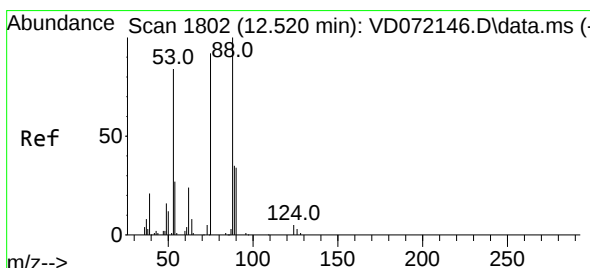
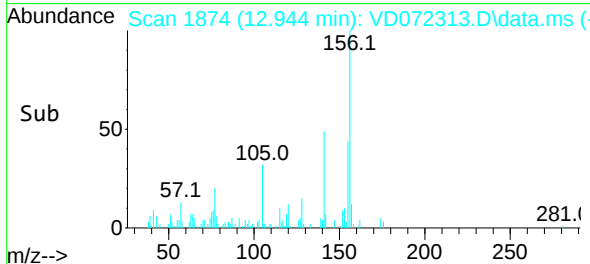
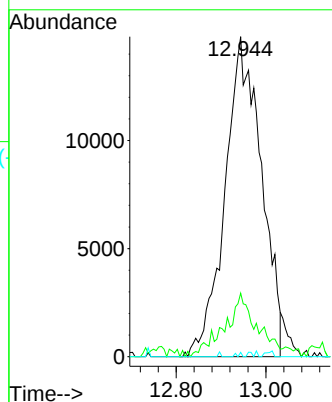
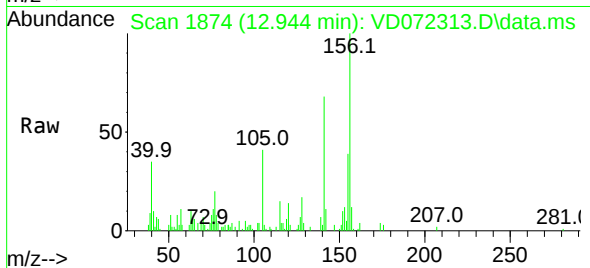
Tgt Ion:156 Resp: 83132

Ion Ratio Lower Upper

156 100

77 12.0 102.8 308.3#

158 0.1 48.7 146.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 111.845 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.100 min

Lab File: VD072313.D

Acq: 19 Mar 2022 03:10

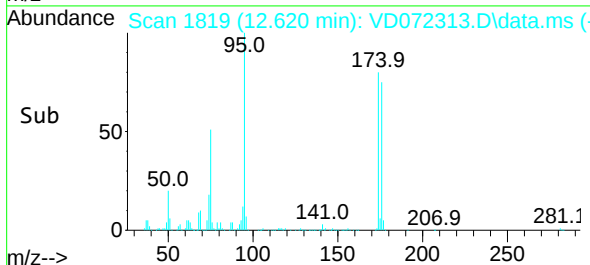
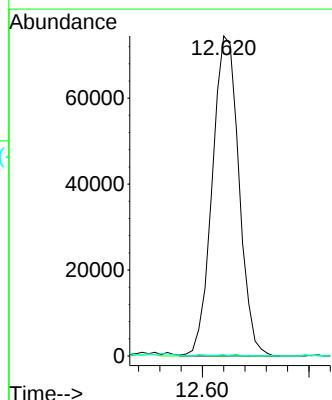
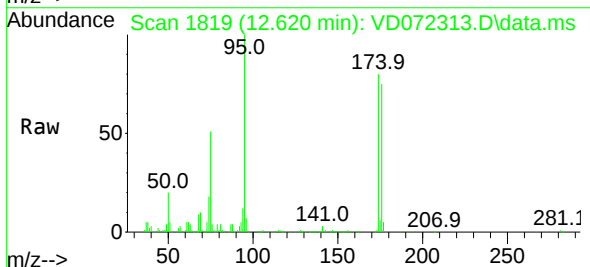
Tgt Ion: 75 Resp: 129258

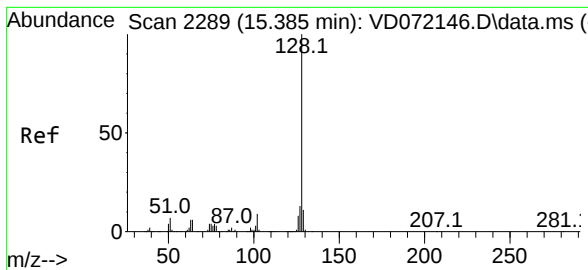
Ion Ratio Lower Upper

75 100

53 0.0 86.5 129.7#

89 0.3 33.9 50.9#





#95
Naphthalene
Concen: 13.462 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072313.D
Acq: 19 Mar 2022 03:10

Instrument :
MSVOA_D
ClientSampleId :
TR-04-03162022

Tgt Ion:	128	Resp:	130157
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	11.6	8.4	12.6

