

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072841.D
 Acq On : 06 May 2022 07:30
 Operator : VA/SY
 Sample : N2676-04
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-10-(23-25)

Quant Time: May 06 09:57:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

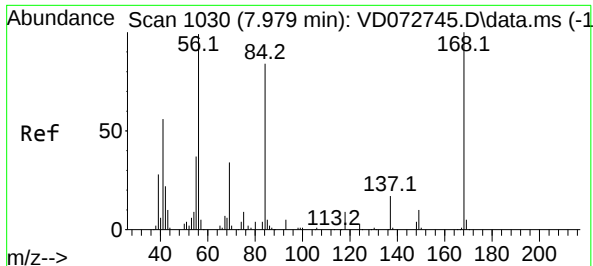
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	439044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	784116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	769103	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	352023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	266762	46.807	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.620%
35) Dibromofluoromethane	7.908	113	250962	45.572	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.140%
50) Toluene-d8	10.332	98	1000202	50.633	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.620	95	387231	52.572	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.140%
Target Compounds						
					Qvalue	
5) Bromomethane	2.773	94	1257	Below Cal	#	64
16) Acetone	4.156	43	23308	8.375	ug/l	95
17) Carbon Disulfide	4.409	76	18340	1.102	ug/l	# 90
18) Methyl Acetate	4.726	43	439	Below Cal	#	55
20) Methylene Chloride	4.956	84	23939	Below Cal	#	83
25) 2-Butanone	7.203	43	5453	3.284	ug/l	94
31) Cyclohexane	7.979	56	17206	1.727	ug/l	# 22
36) 1,1-Dichloropropene	7.973	75	40273	4.498	ug/l	# 44
38) Carbon Tetrachloride	7.973	117	50180	5.399	ug/l	# 16
39) Methylcyclohexane	9.349	83	65930	6.348	ug/l	91
48) Methyl methacrylate	9.397	41	8739	2.351	ug/l	# 54
55) 1,1,2-Trichloroethane	10.767	97	37159	7.338	ug/l	# 23
56) Ethyl methacrylate	10.667	69	20324	3.409	ug/l	# 14
59) 2-Hexanone	10.944	43	100133	37.693	ug/l	# 32
73) Isopropylbenzene	12.467	105	36294	1.325	ug/l	100
74) N-amyl acetate	12.261	43	102597	15.042	ug/l	# 61
76) 1,2,3-Trichloropropane	12.620	75	214270	54.587	ug/l	# 100
77) Bromobenzene	12.932	156	53006	8.150	ug/l	# 1
78) n-propylbenzene	12.808	91	64352	1.864	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.620	75	214270	125.528	ug/l	# 9
85) sec-Butylbenzene	13.390	105	52708	1.770	ug/l	80
90) Hexachloroethane	14.102	117	6667	1.333	ug/l	# 17

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

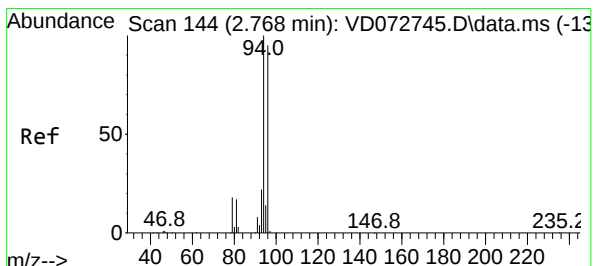
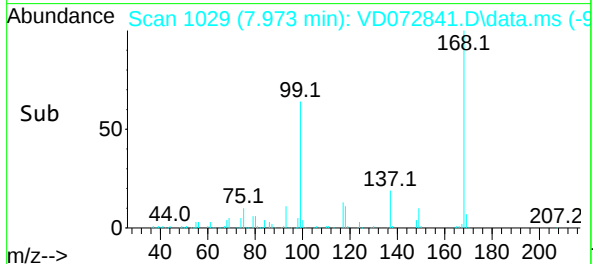
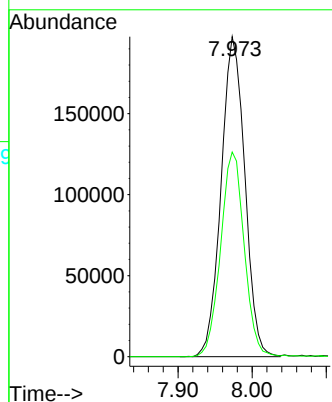
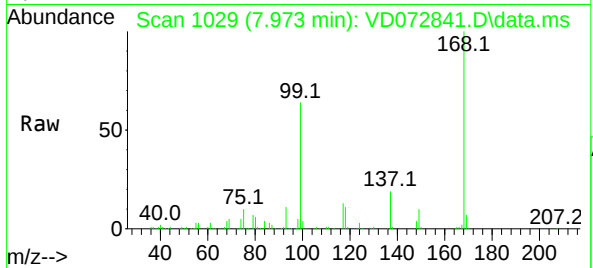




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

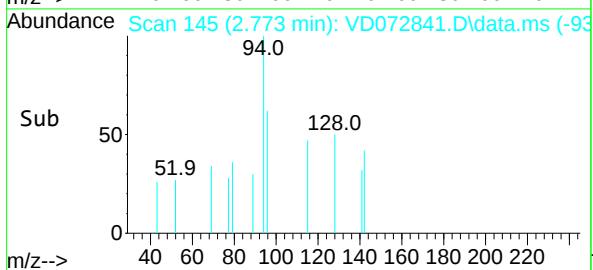
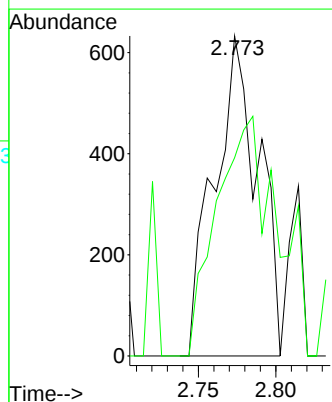
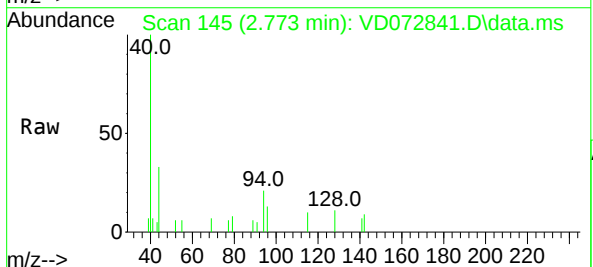
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

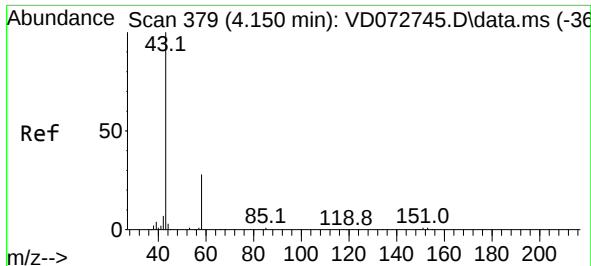
Tgt Ion:168 Resp: 439044
Ion Ratio Lower Upper
168 100
99 64.0 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 94 Resp: 1257
Ion Ratio Lower Upper
94 100
96 61.9 77.6 116.4#

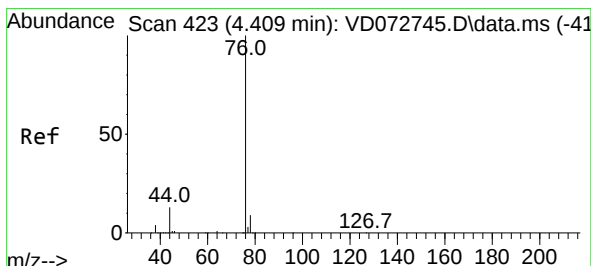
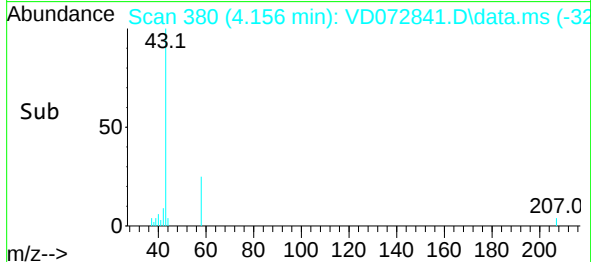
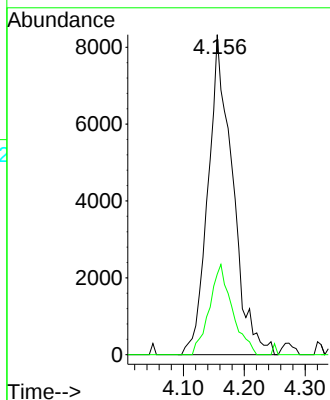
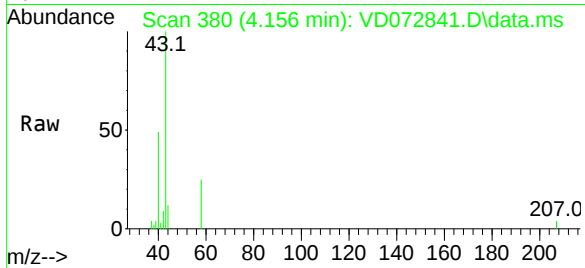




#16
Acetone
Concen: 8.375 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

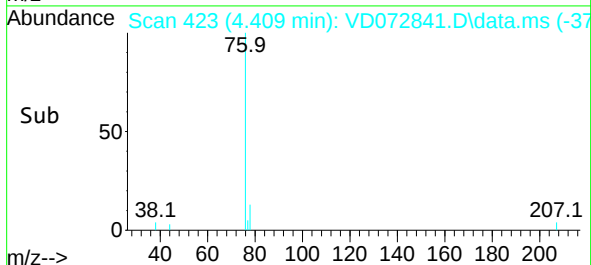
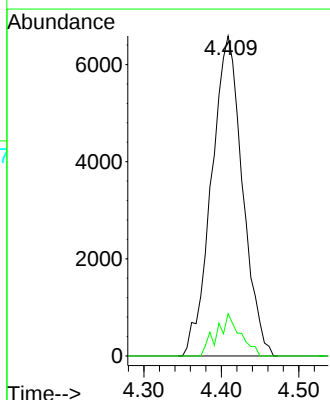
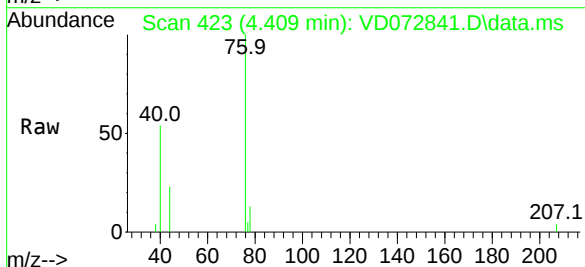
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

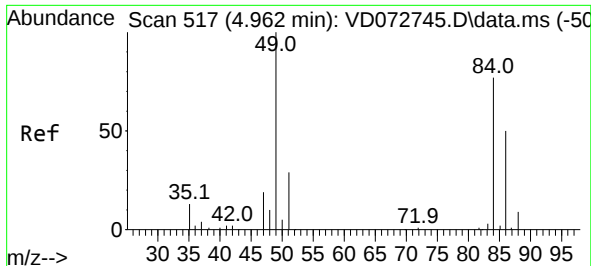
Tgt Ion: 43 Resp: 23308
Ion Ratio Lower Upper
43 100
58 25.2 22.1 33.1



#17
Carbon Disulfide
Concen: 1.102 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 76 Resp: 18340
Ion Ratio Lower Upper
76 100
78 13.2 7.5 11.3#



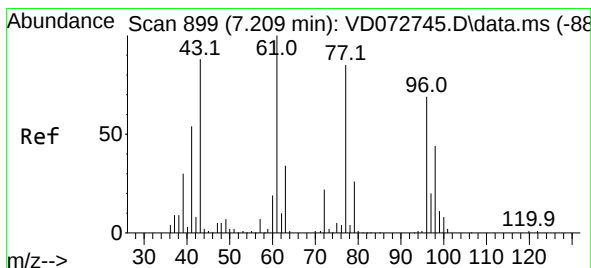
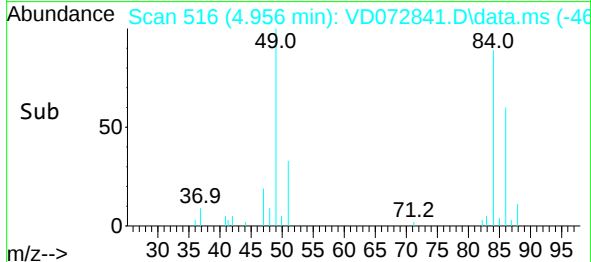
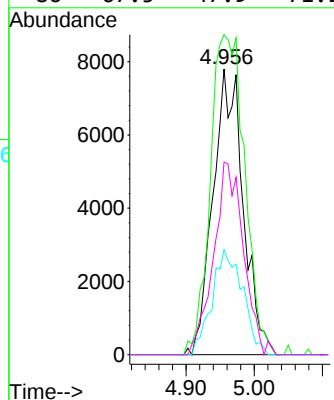
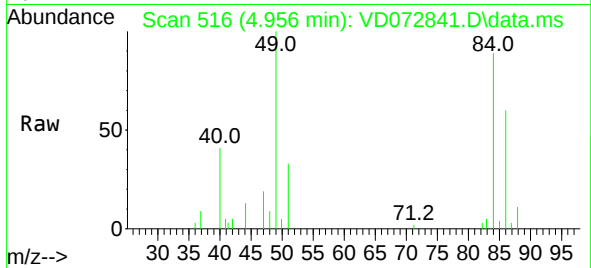


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

Tgt Ion: 84 Resp: 23939

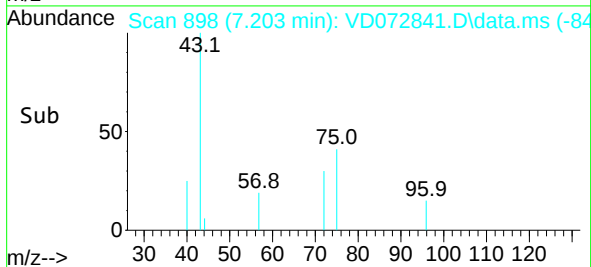
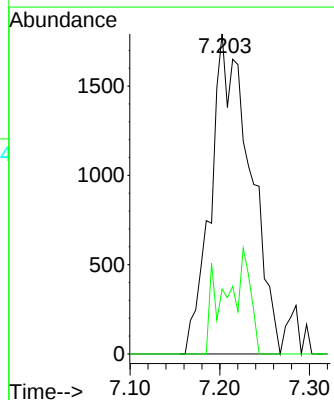
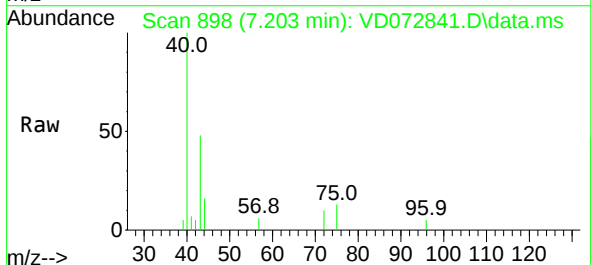
Ion	Ratio	Lower	Upper
84	100		
49	112.0	112.8	169.2#
51	36.8	32.6	48.8
86	67.5	47.9	71.9

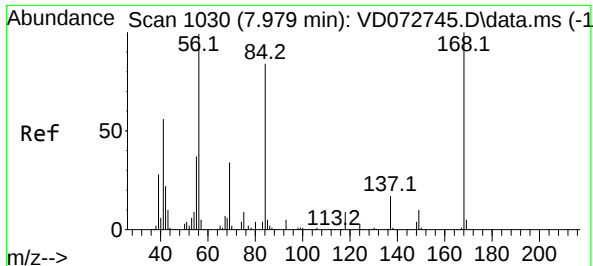


#25
2-Butanone
Concen: 3.284 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 43 Resp: 5453

Ion	Ratio	Lower	Upper
43	100		
72	20.3	18.6	27.8

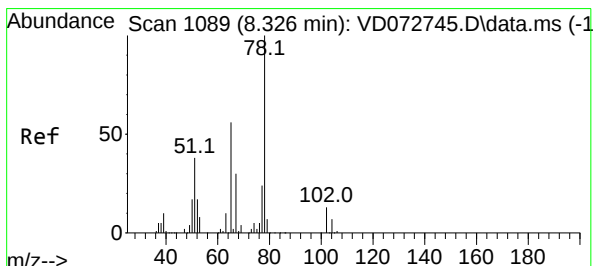
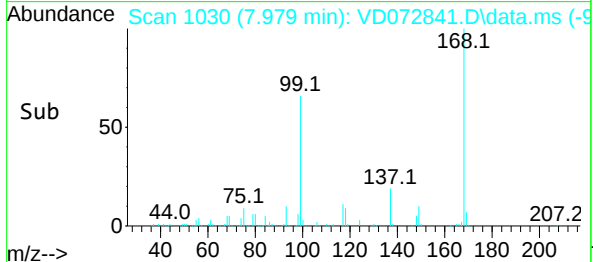
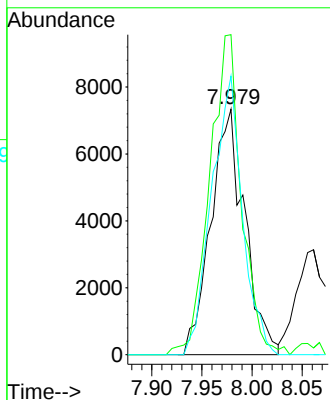
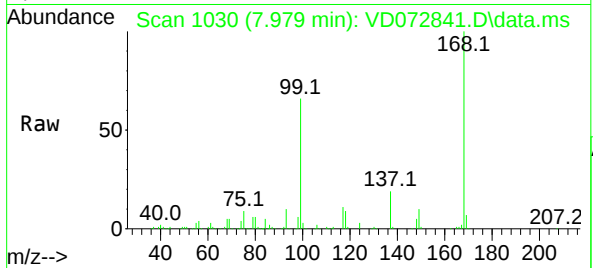




#31
Cyclohexane
Concen: 1.727 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

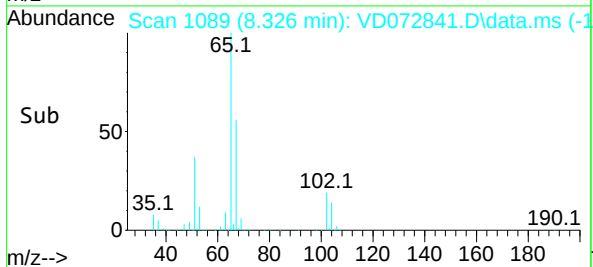
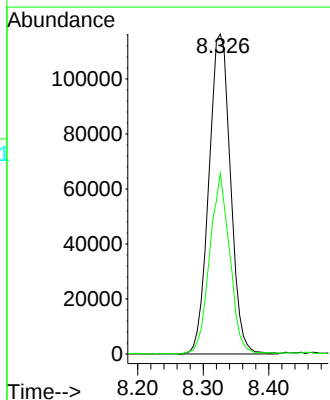
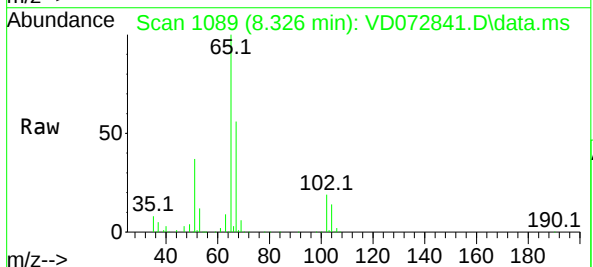
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

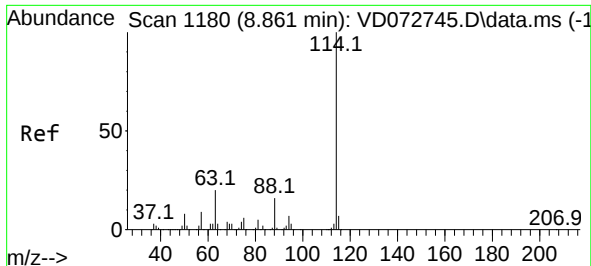
Tgt Ion: 56 Resp: 17206
Ion Ratio Lower Upper
56 100
69 128.3 25.4 38.2#
84 113.5 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 46.807 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 65 Resp: 266762
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4

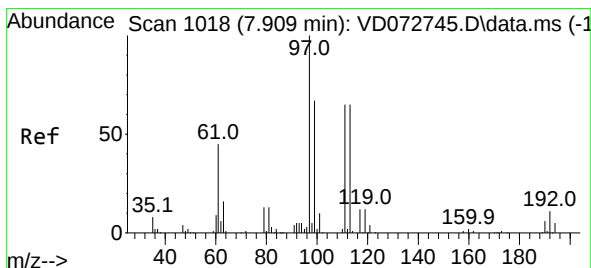
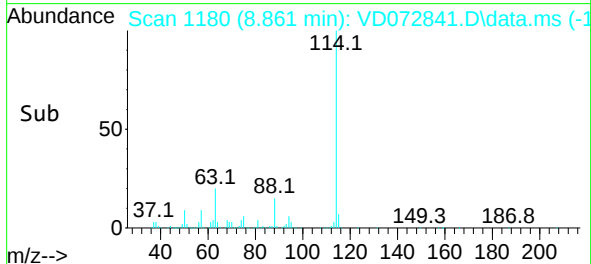
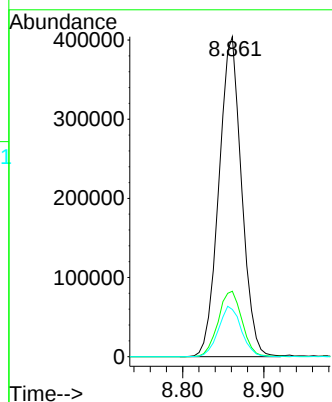
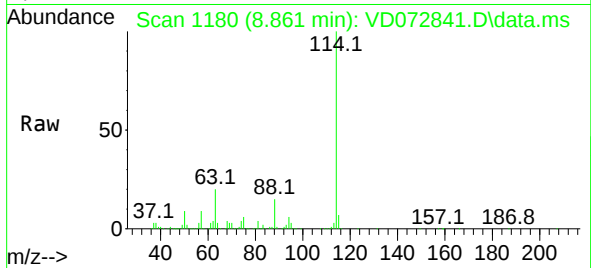




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

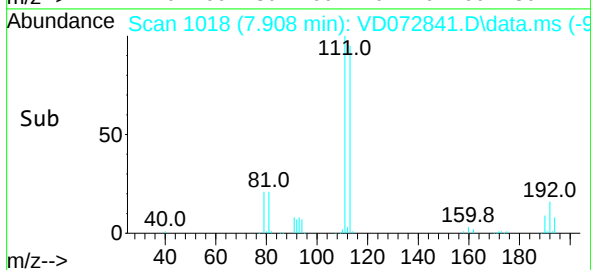
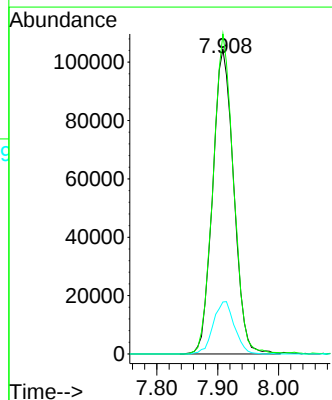
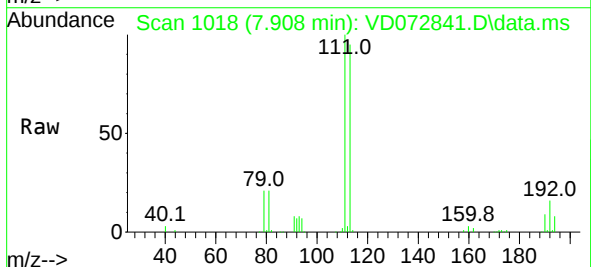
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

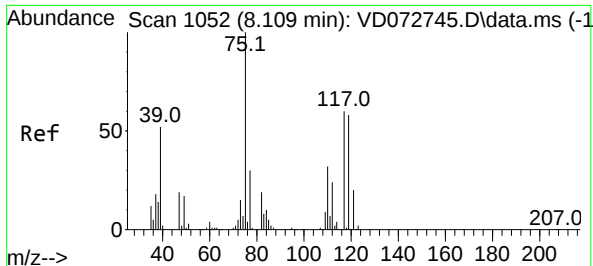
Tgt Ion:114 Resp: 784116
Ion Ratio Lower Upper
114 100
63 20.5 0.0 46.6
88 14.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.572 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion:113 Resp: 250962
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.3 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.498 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072841.D

Acq: 06 May 2022 07:30

Instrument :

MSVOA_D

ClientSampleId :

GT-10-(23-25)

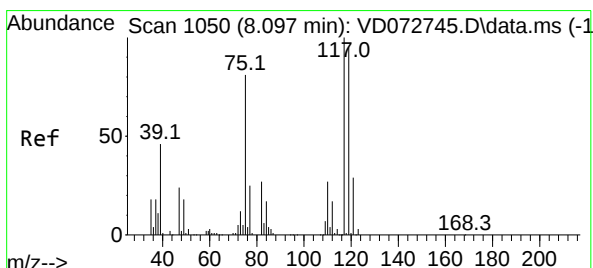
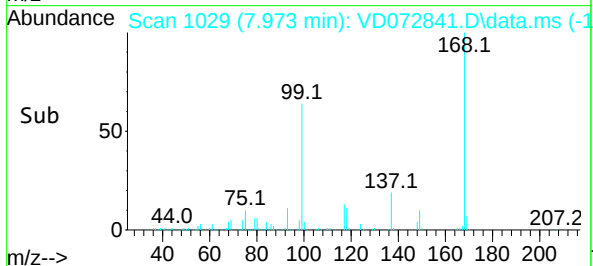
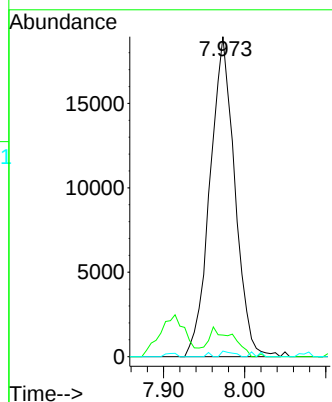
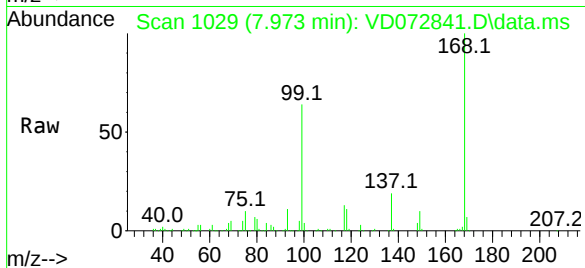
Tgt Ion: 75 Resp: 40273

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.8 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.399 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.124 min

Lab File: VD072841.D

Acq: 06 May 2022 07:30

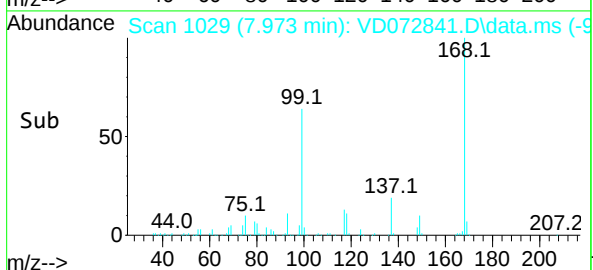
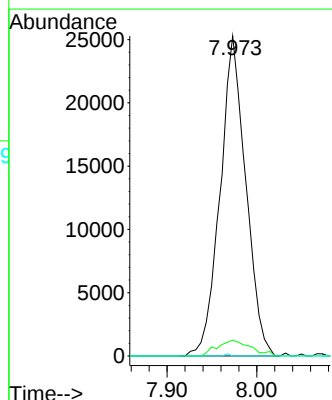
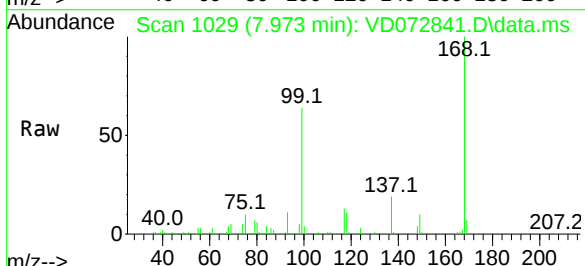
Tgt Ion: 117 Resp: 50180

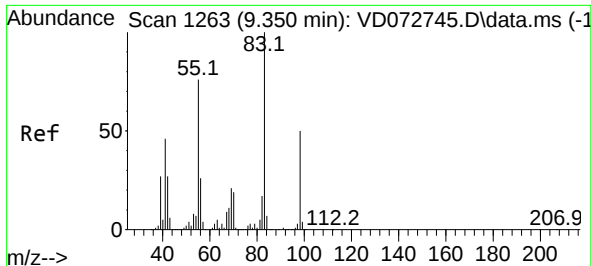
Ion Ratio Lower Upper

117 100

119 4.9 75.8 113.6#

121 0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 6.348 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD072841.D

Acq: 06 May 2022 07:30

Instrument :

MSVOA_D

ClientSampleId :

GT-10-(23-25)

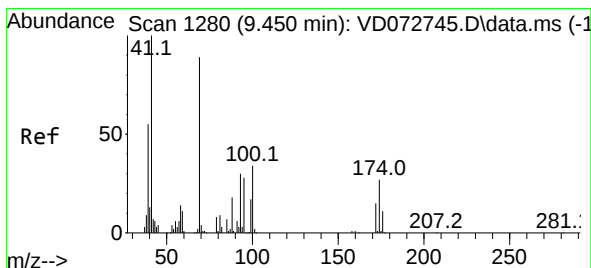
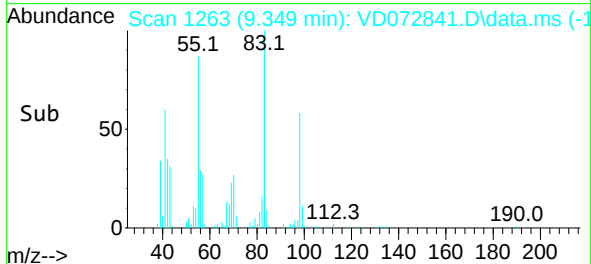
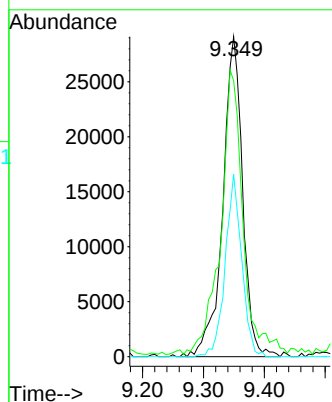
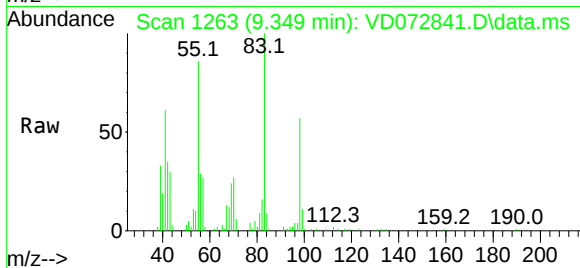
Tgt Ion: 83 Resp: 65930

Ion Ratio Lower Upper

83 100

55 84.1 63.2 94.8

98 57.0 38.2 57.4



#48

Methyl methacrylate

Concen: 2.351 ug/l

RT: 9.397 min Scan# 1271

Delta R.T. -0.053 min

Lab File: VD072841.D

Acq: 06 May 2022 07:30

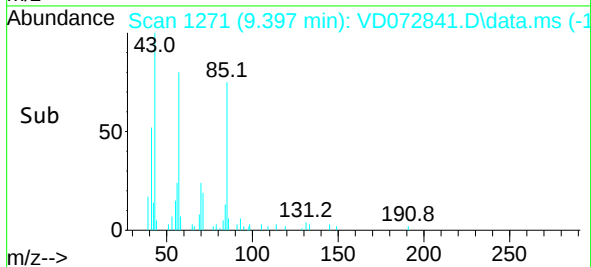
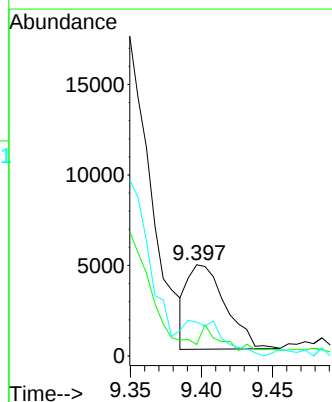
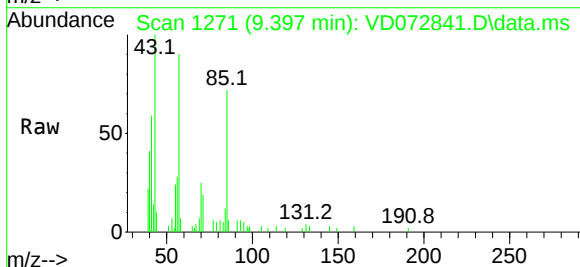
Tgt Ion: 41 Resp: 8739

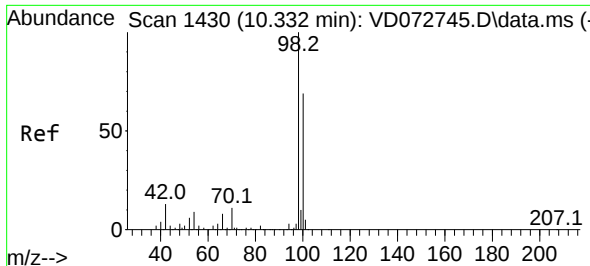
Ion Ratio Lower Upper

41 100

69 15.6 56.7 85.1#

39 40.6 42.7 64.1#

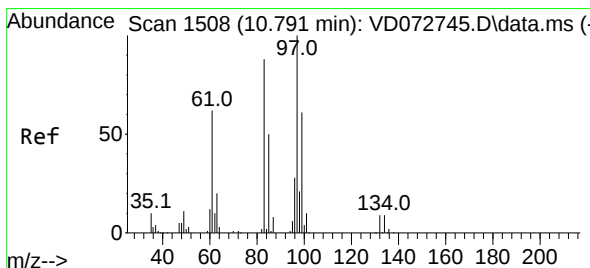
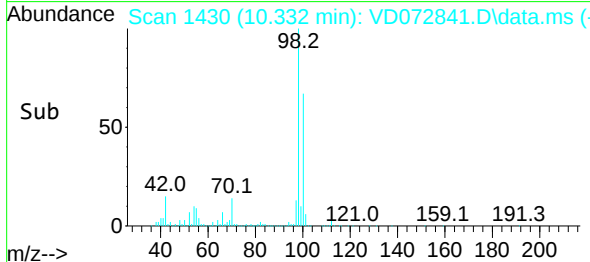
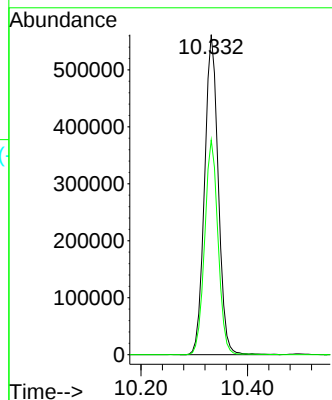
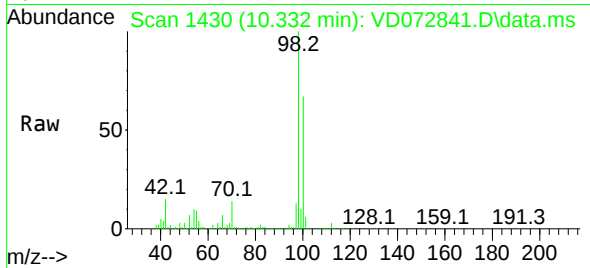




#50
Toluene-d8
Concen: 50.633 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

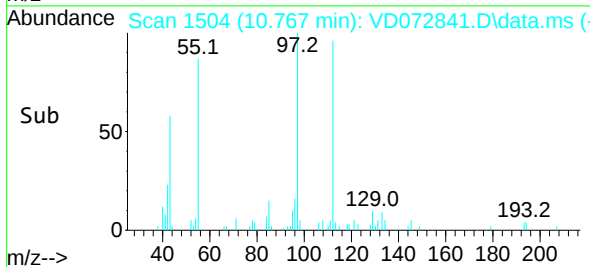
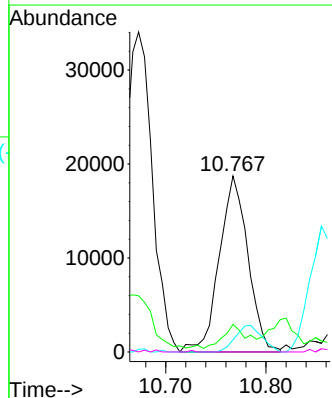
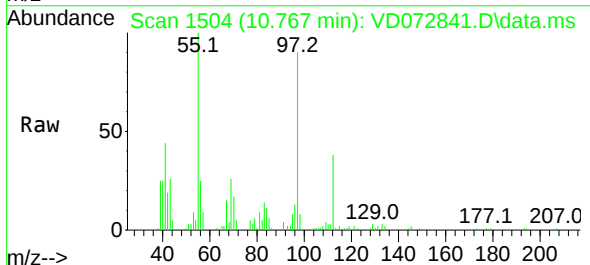
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

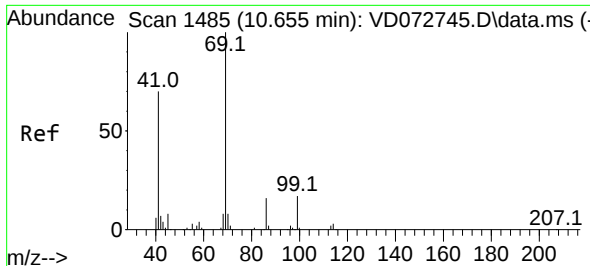
Tgt Ion: 98 Resp: 1000202
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#55
1,1,2-Trichloroethane
Concen: 7.338 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 97 Resp: 37159
Ion Ratio Lower Upper
97 100
83 12.2 69.0 103.4#
85 6.9 42.6 63.8#
99 0.0 51.7 77.5#

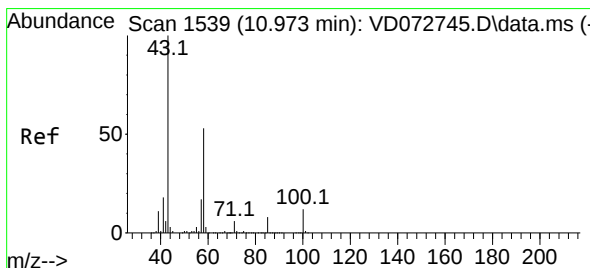
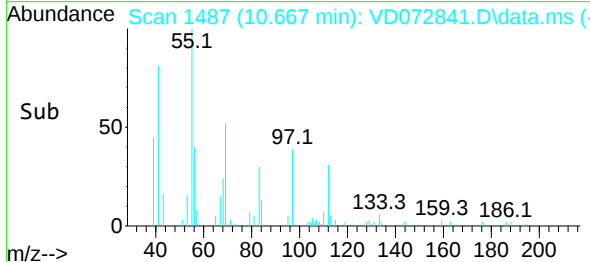
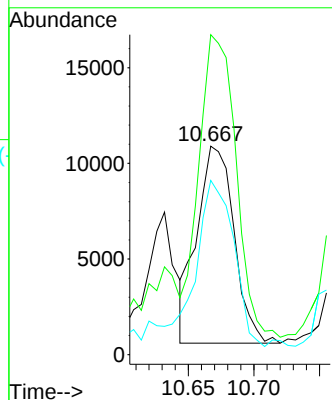
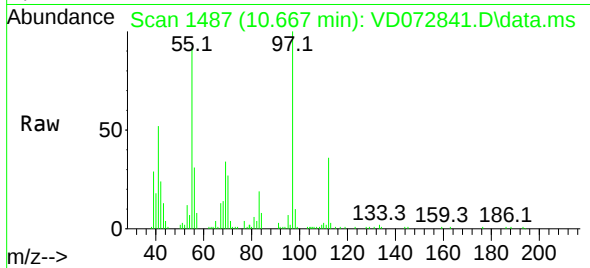




#56
Ethyl methacrylate
Concen: 3.409 ug/l
RT: 10.667 min Scan# 1485
Delta R.T. 0.012 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

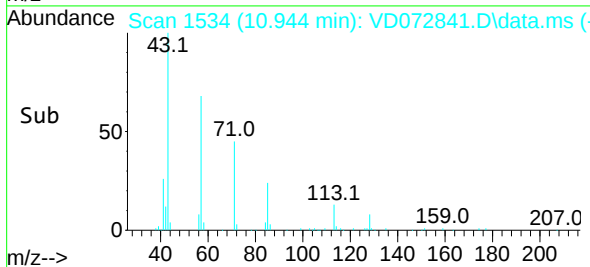
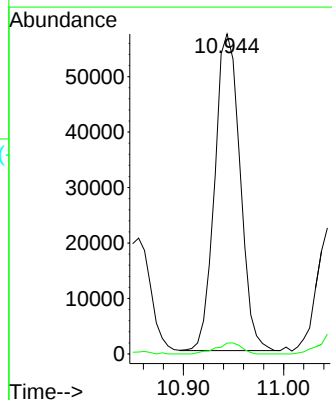
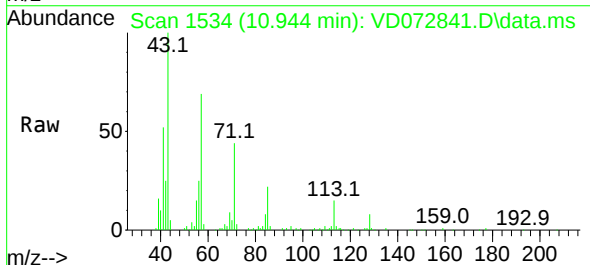
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

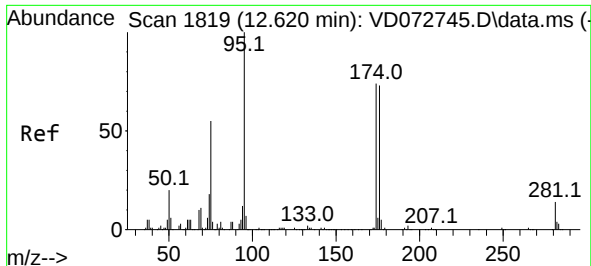
Tgt Ion: 69 Resp: 20324
Ion Ratio Lower Upper
69 100
41 152.3 63.0 94.6#
39 99.7 33.8 50.8#



#59
2-Hexanone
Concen: 37.693 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 43 Resp: 100133
Ion Ratio Lower Upper
43 100
58 3.6 25.3 75.9#

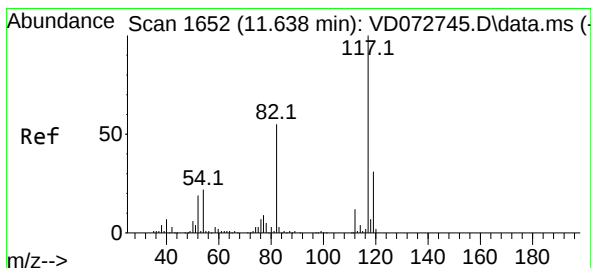
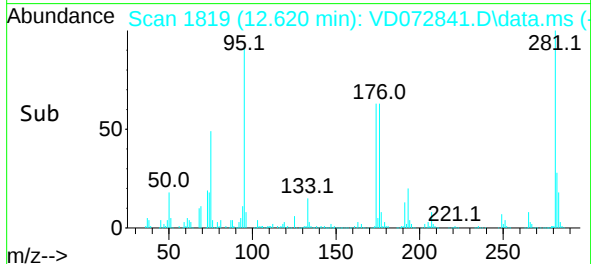
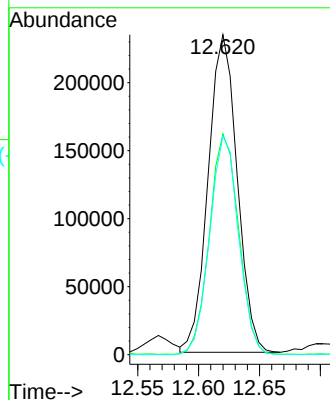
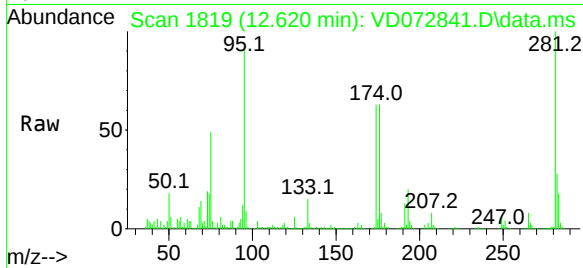




#62
4-Bromofluorobenzene
Concen: 52.572 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

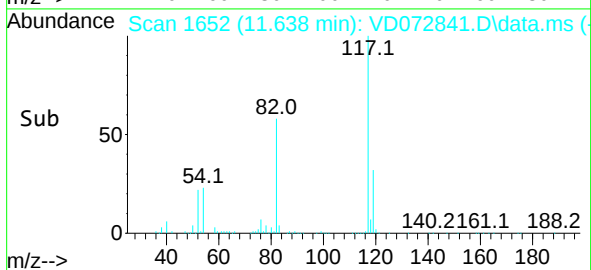
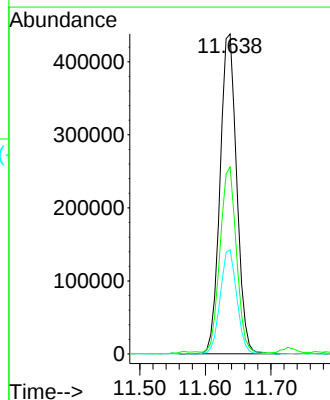
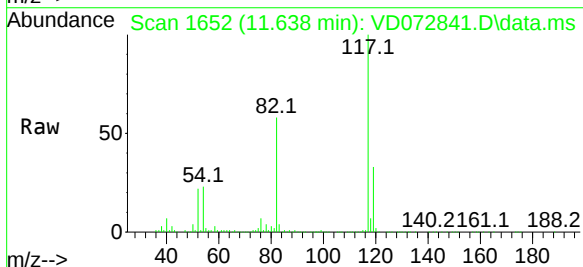
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

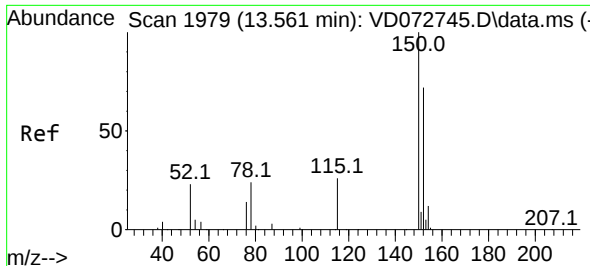
Tgt Ion: 95 Resp: 387231
Ion Ratio Lower Upper
95 100
174 69.9 0.0 152.8
176 68.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 117 Resp: 769103
Ion Ratio Lower Upper
117 100
82 57.9 45.3 67.9
119 32.5 26.6 40.0

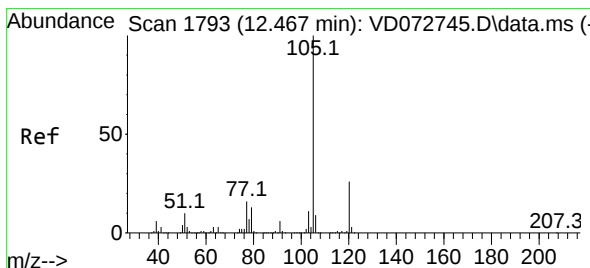
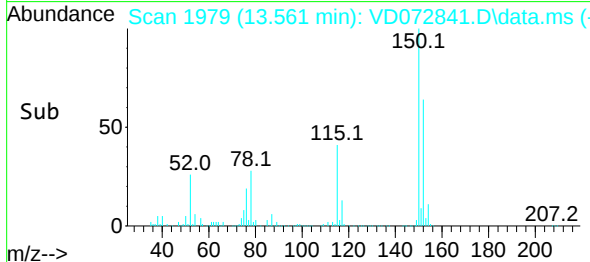
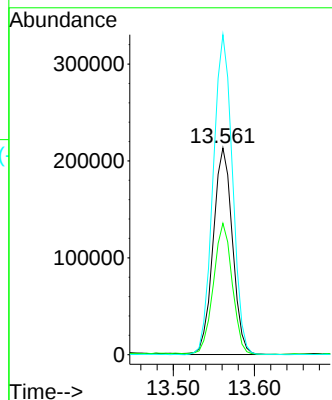
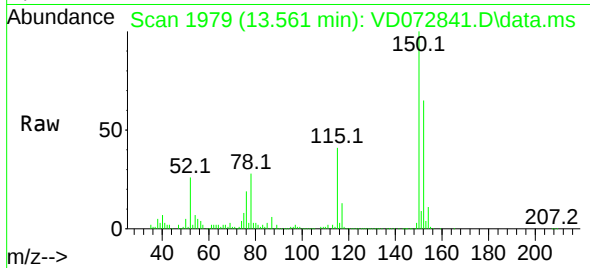




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

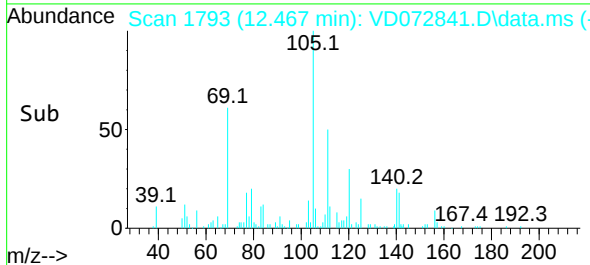
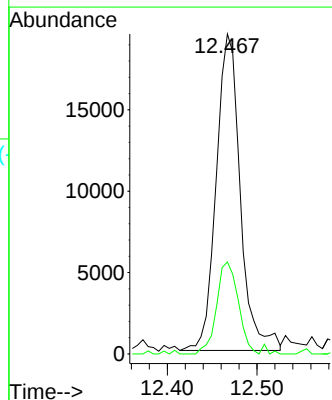
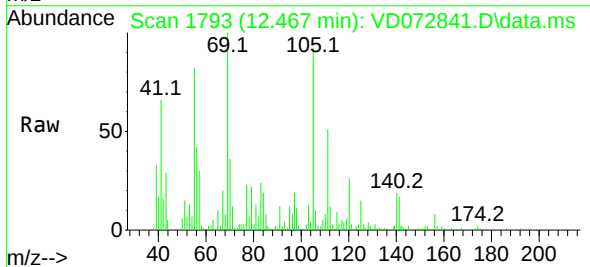
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

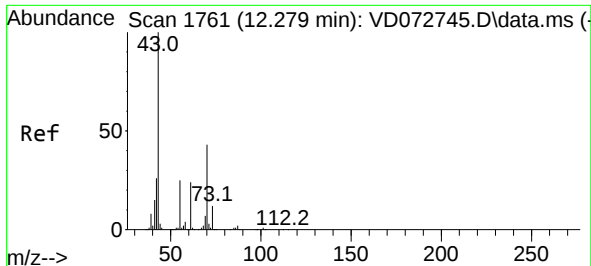
Tgt Ion:152 Resp: 352023
Ion Ratio Lower Upper
152 100
115 61.8 31.3 93.8
150 155.3 0.0 348.6



#73
Isopropylbenzene
Concen: 1.325 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion:105 Resp: 36294
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

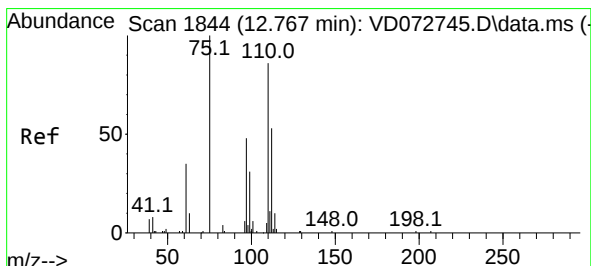
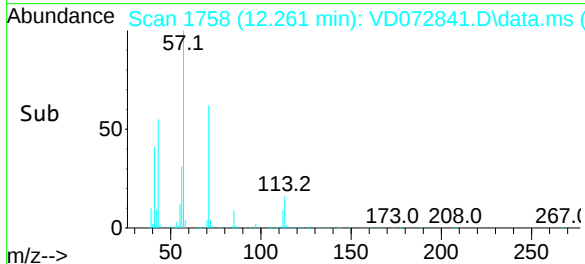
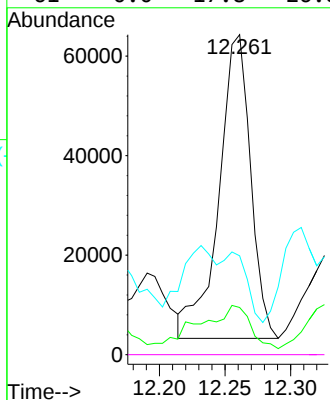
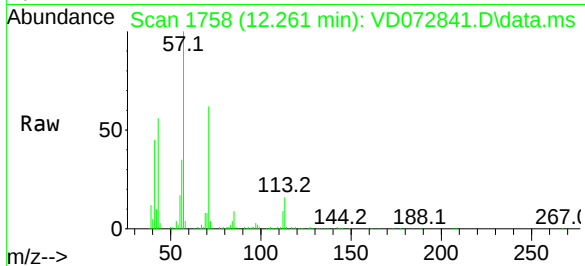




#74
N-amy1 acetate
Concen: 15.042 ug/l
RT: 12.261 min Scan# 1819
Delta R.T. -0.018 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

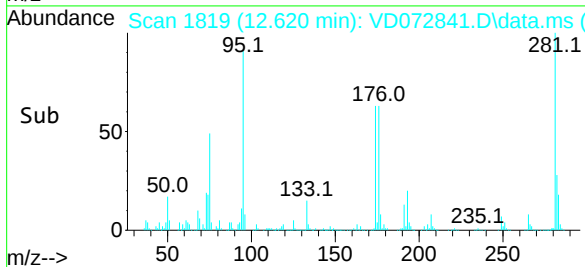
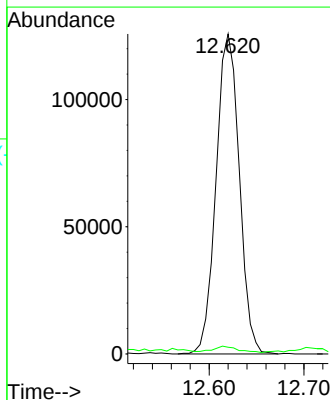
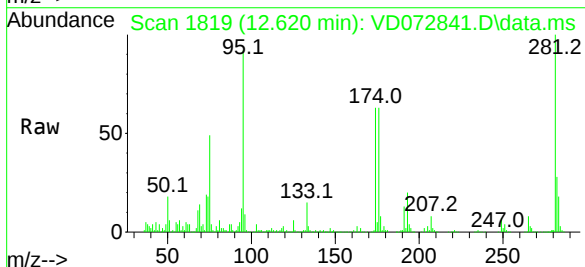
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

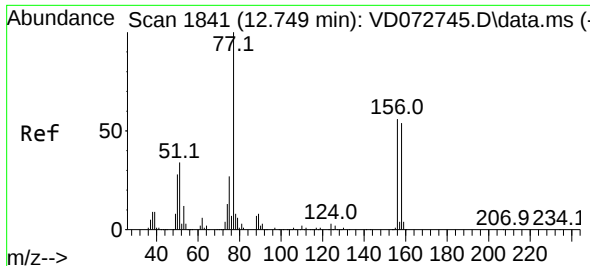
Tgt Ion: 43 Resp: 102597
Ion Ratio Lower Upper
43 100
70 22.5 31.3 46.9#
55 0.0 20.0 30.0#
61 0.0 17.8 26.8#



#76
1,2,3-Trichloropropane
Concen: 54.587 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 75 Resp: 214270
Ion Ratio Lower Upper
75 100
77 2.1 0.0 0.0#

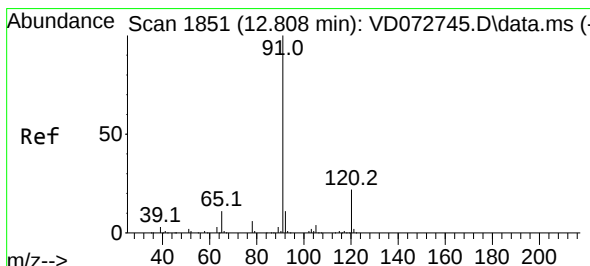
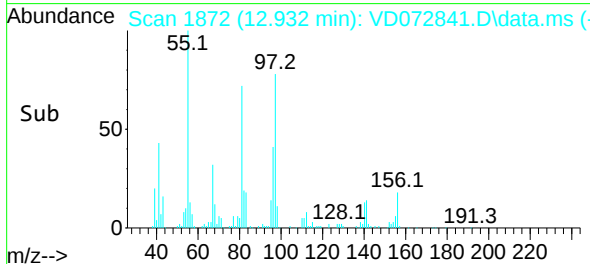
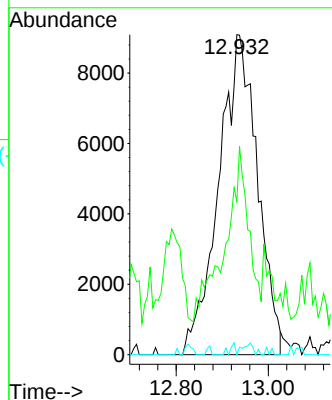
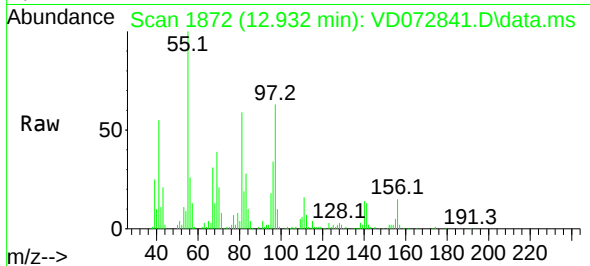




#77
Bromobenzene
Concen: 8.150 ug/l
RT: 12.932 min Scan# 1872
Delta R.T. 0.183 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

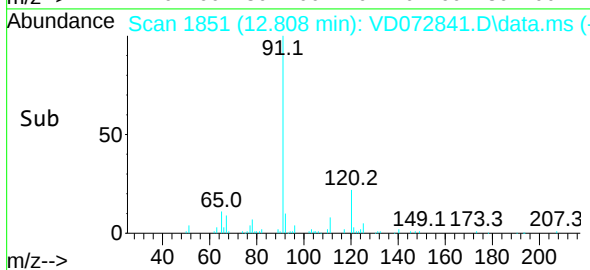
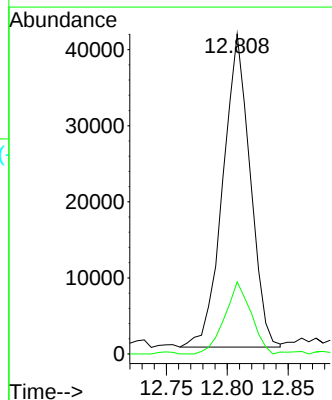
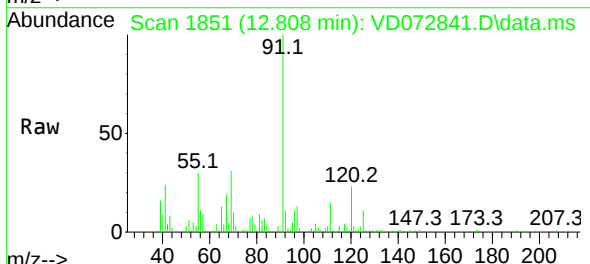
Instrument :
MSVOA_D
ClientSampleId :
GT-10-(23-25)

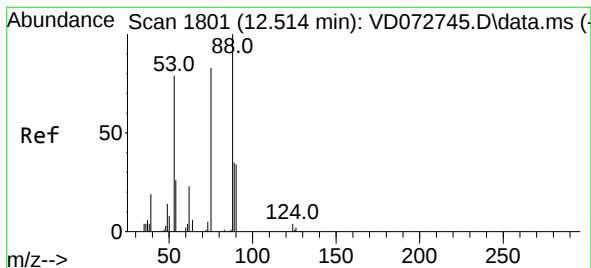
Tgt Ion:156 Resp: 53006
Ion Ratio Lower Upper
156 100
77 33.7 102.8 308.3#
158 0.5 48.7 146.1#



#78
n-propylbenzene
Concen: 1.864 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 91 Resp: 64352
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

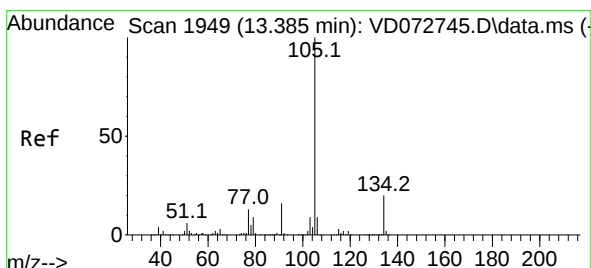
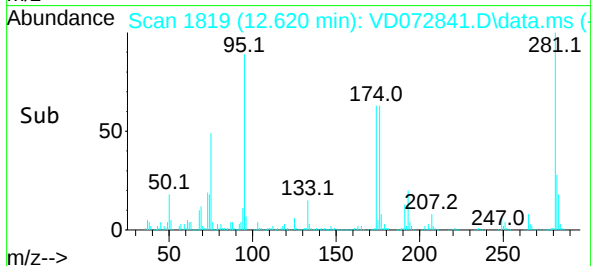
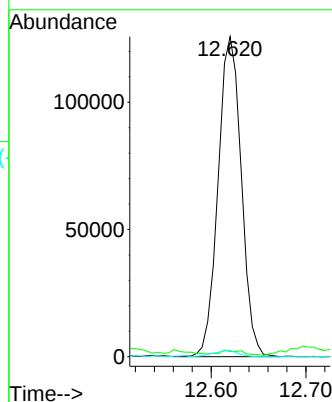
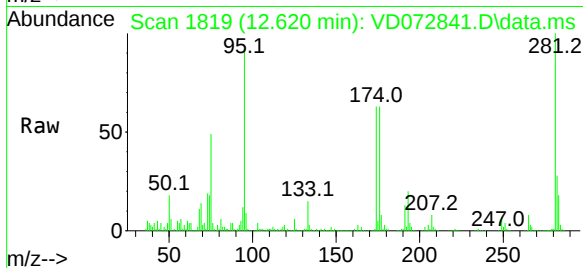




#81
trans-1,4-Dichloro-2-butene
Concen: 125.528 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

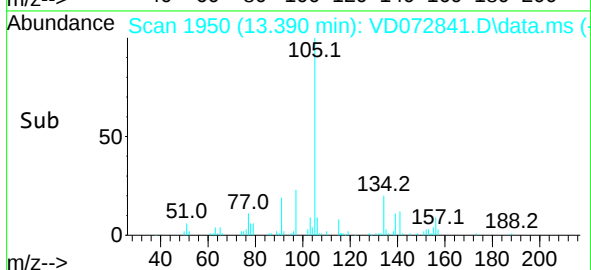
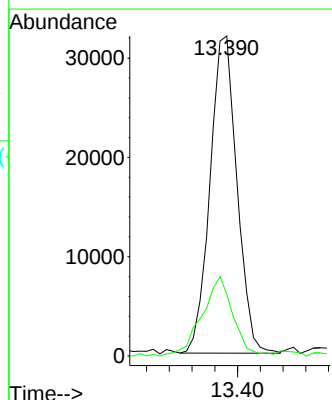
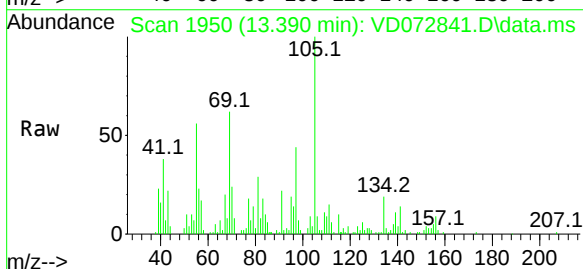
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ClientSampleId :
GT-10-(23-25)

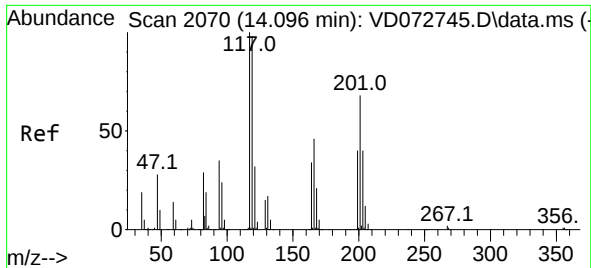
Tgt Ion: 75 Resp: 214270
Ion Ratio Lower Upper
75 100
53 1.6 86.5 129.7#
89 2.1 33.9 50.9#



#85
sec-Butylbenzene
Concen: 1.770 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. 0.005 min
Lab File: VD072841.D
Acq: 06 May 2022 07:30

Tgt Ion: 105 Resp: 52708
Ion Ratio Lower Upper
105 100
134 28.8 9.8 29.3





#90
 Hexachloroethane
 Concen: 1.333 ug/l
 RT: 14.102 min Scan# 2071
 Delta R.T. 0.006 min
 Lab File: VD072841.D
 Acq: 06 May 2022 07:30

Instrument :
 MSVOA_D
 ClientSampleId :
 GT-10-(23-25)

Tgt Ion:117 Resp: 6667
 Ion Ratio Lower Upper
 117 100
 201 0.0 33.4 100.2#

