

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022122\
 Data File : VD072037.D
 Acq On : 21 Feb 2022 17:26
 Operator : VA/SY
 Sample : N1626-08
 Misc : 8.13G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CC-B4

Quant Time: Feb 22 01:06:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

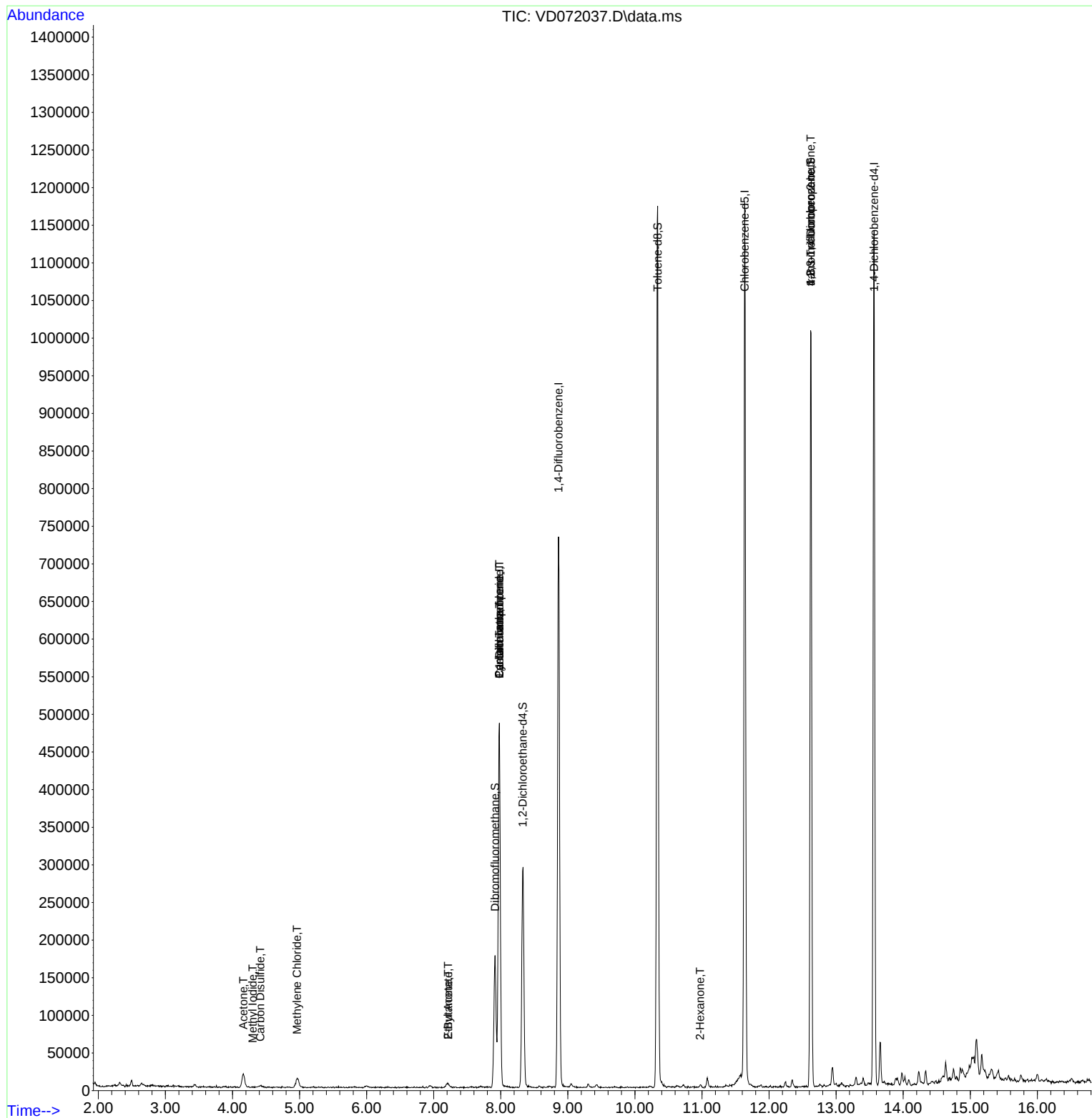
Internal Standards						
1) Pentafluorobenzene	7.979	168	351418	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	638249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	646553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	303988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	235997	64.741	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.480%	
35) Dibromofluoromethane	7.914	113	123158	31.849	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 63.700%	
50) Toluene-d8	10.337	98	794964	55.436	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.880%	
62) 4-Bromofluorobenzene	12.620	95	302781	57.480	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.960%	
Target Compounds						Qvalue
5) Bromomethane	2.785	94	831	Below Cal	#	68
10) Methyl Iodide	4.302	142	261	2.986	ug/l #	71
16) Acetone	4.161	43	33808	42.914	ug/l	99
17) Carbon Disulfide	4.414	76	3947	1.097	ug/l #	82
18) Methyl Acetate	4.749	43	312	Below Cal	#	52
20) Methylene Chloride	4.961	84	9518	2.428	ug/l #	88
25) 2-Butanone	7.214	43	7804	7.167	ug/l #	85
31) Cyclohexane	7.979	56	7587	1.178	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	27369	4.672	ug/l #	52
37) Ethyl Acetate	7.214	43	7804	2.873	ug/l #	71
38) Carbon Tetrachloride	7.979	117	35523	5.917	ug/l #	17
59) 2-Hexanone	10.973	43	2587	1.415	ug/l	83
76) 1,2,3-Trichloropropane	12.620	75	157578	54.725	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	157578	137.044	ug/l #	10

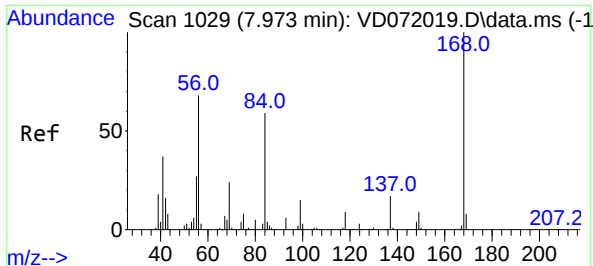
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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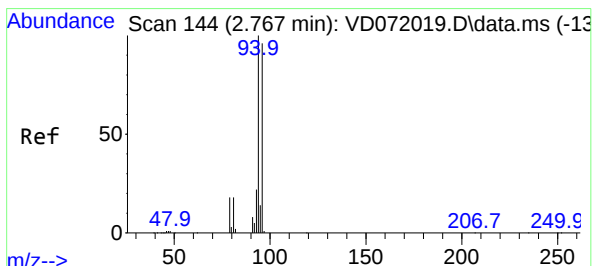
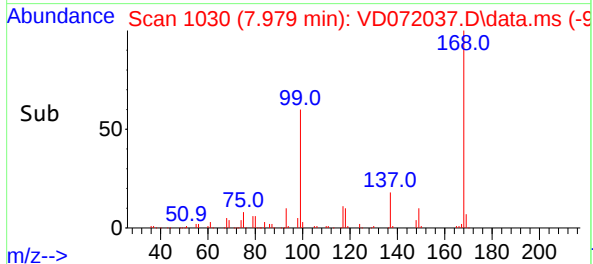
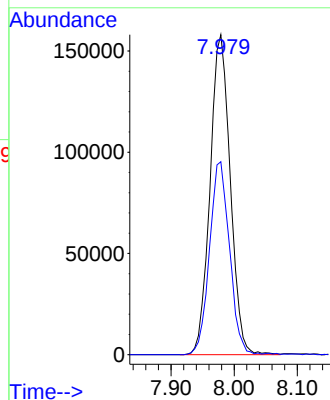
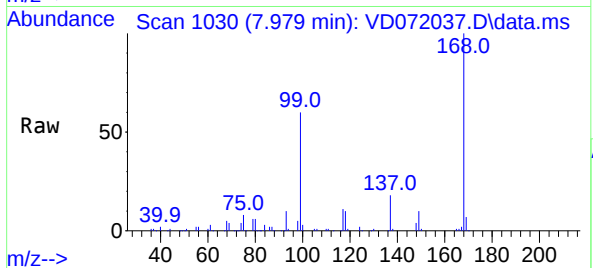




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

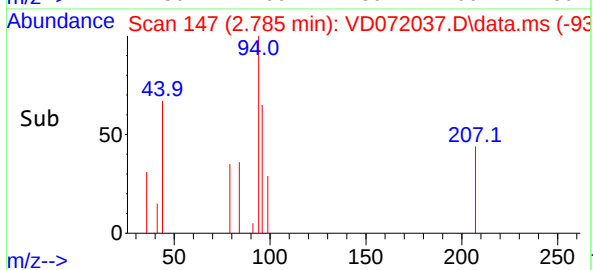
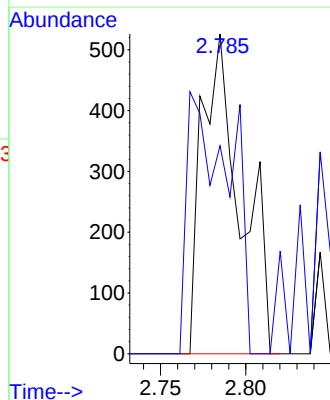
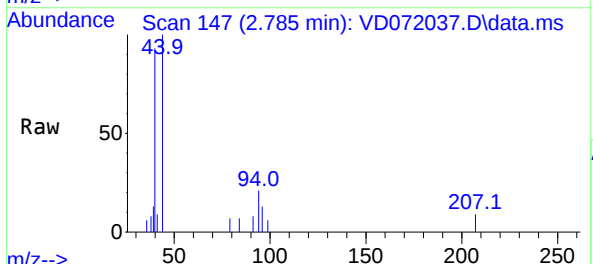
Instrument :
MSVOA_D
ClientSampleId :
CC-B4

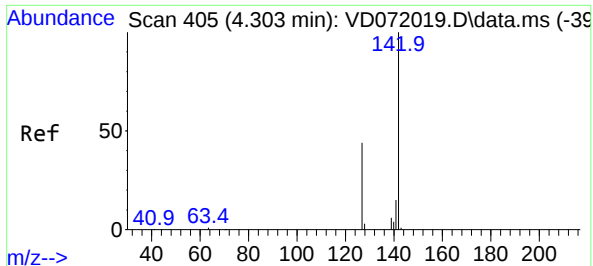
Tgt Ion:168 Resp: 351418
Ion Ratio Lower Upper
168 100
99 60.3 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 94 Resp: 831
Ion Ratio Lower Upper
94 100
96 65.0 76.8 115.2#



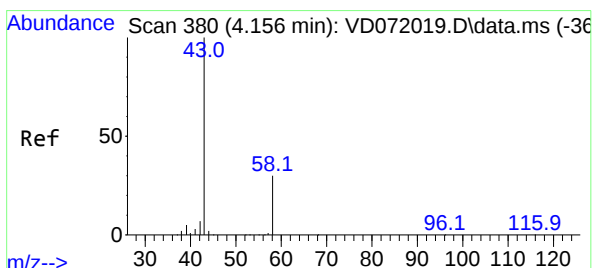
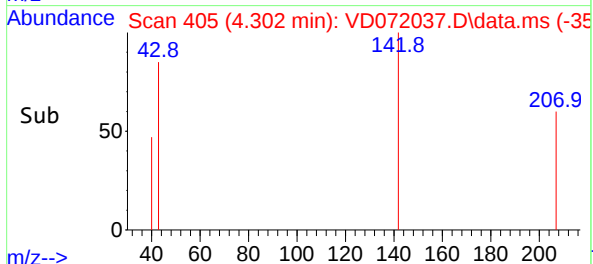
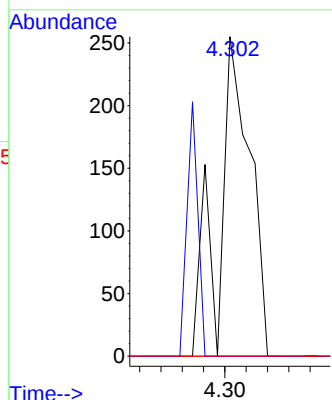
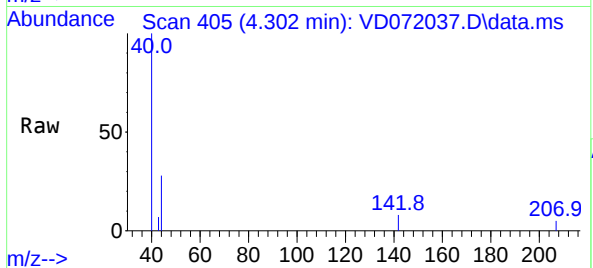


#10
Methyl Iodide
Concen: 2.986 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.001 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
CC-B4

Tgt Ion:142 Resp: 261

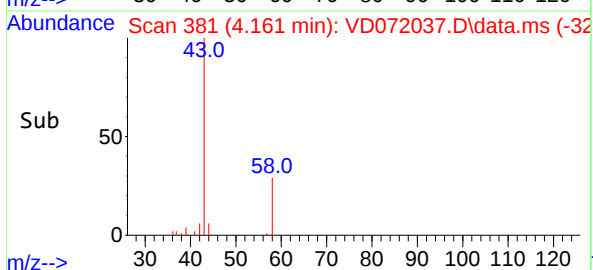
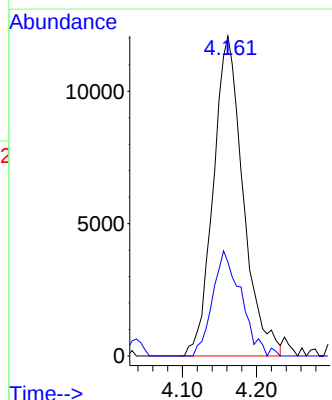
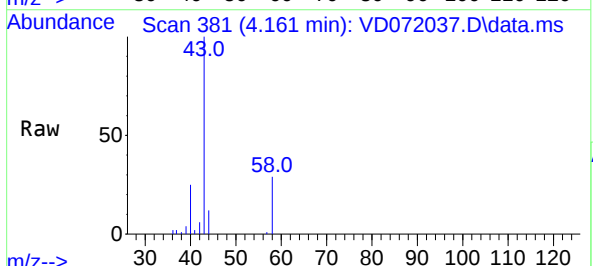
Ion	Ratio	Lower	Upper
142	100		
127	27.6	35.8	53.8#
141	0.0	11.6	17.4#

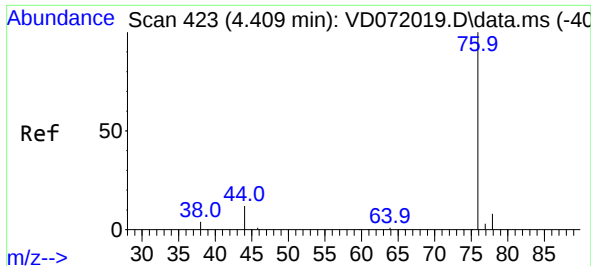


#16
Acetone
Concen: 42.914 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 43 Resp: 33808

Ion	Ratio	Lower	Upper
43	100		
58	29.4	23.8	35.6

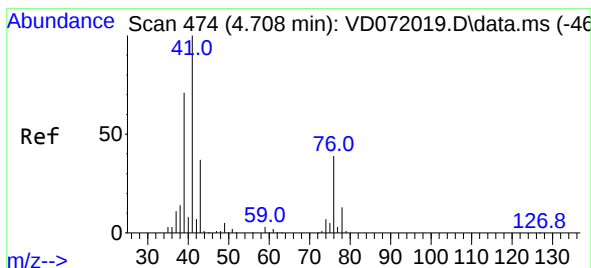
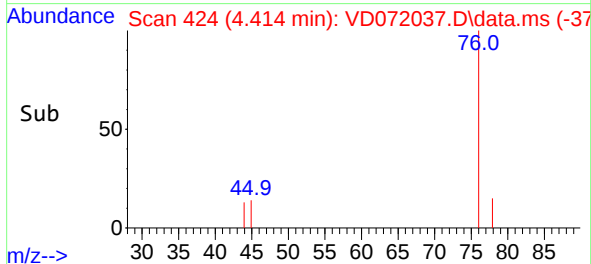
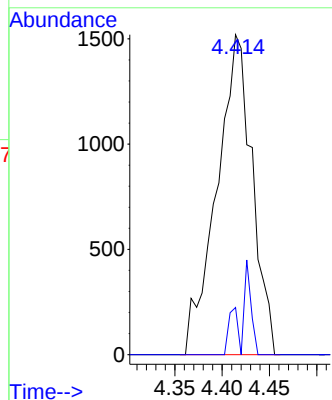
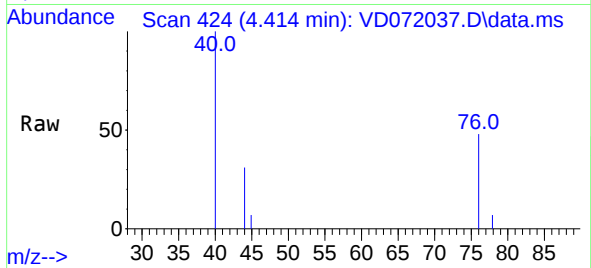




#17
Carbon Disulfide
Concen: 1.097 ug/l
RT: 4.414 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

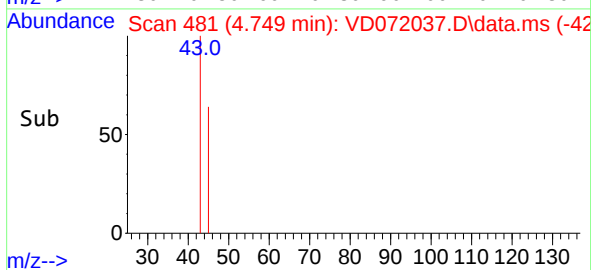
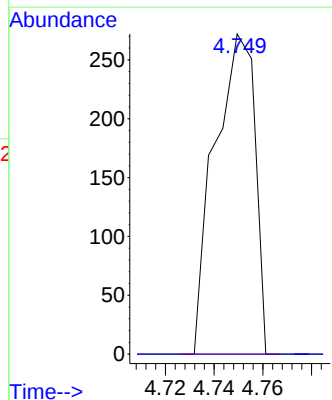
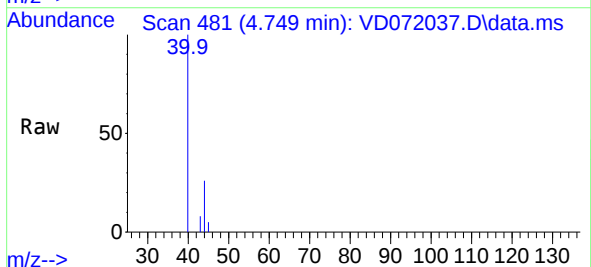
Instrument :
MSVOA_D
ClientSampleId :
CC-B4

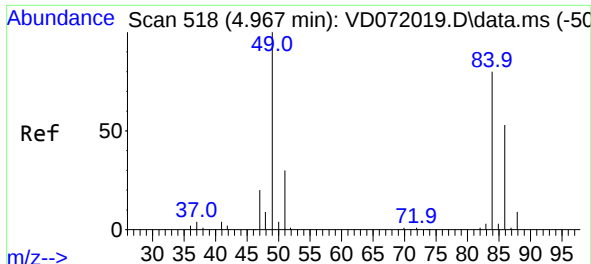
Tgt Ion: 76 Resp: 3947
Ion Ratio Lower Upper
76 100
78 14.7 6.7 10.1#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.749 min Scan# 481
Delta R.T. 0.041 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 43 Resp: 312
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



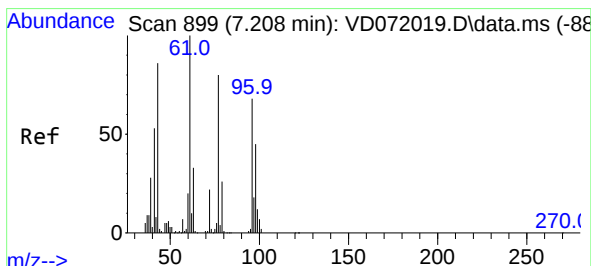
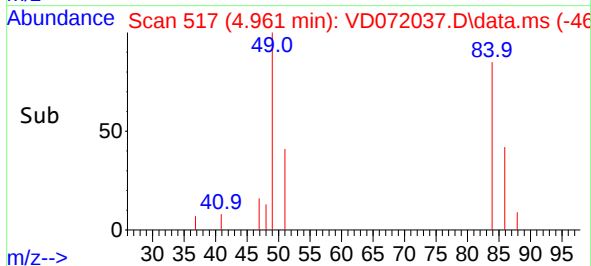
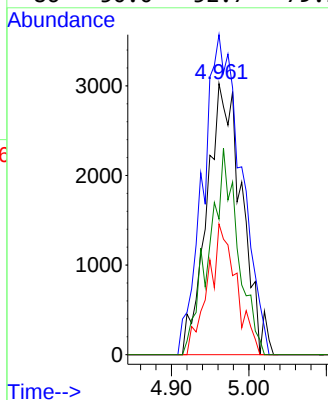
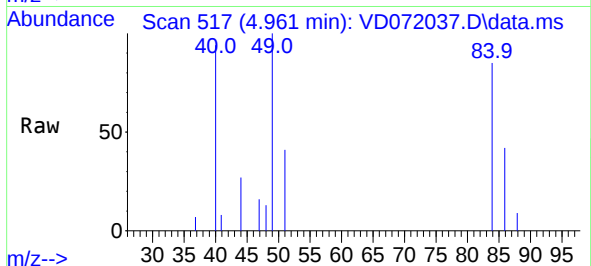


#20
Methylene Chloride
Concen: 2.428 ug/l
RT: 4.961 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
CC-B4

Tgt Ion: 84 Resp: 9518

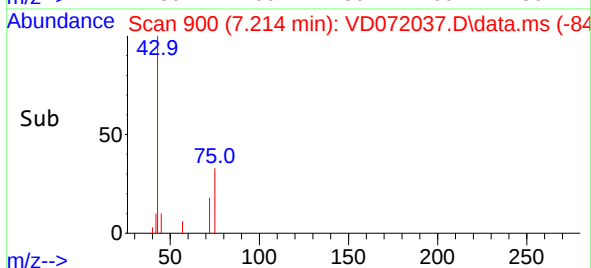
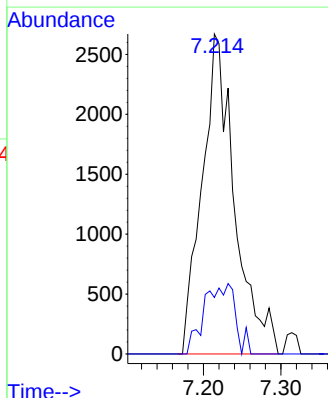
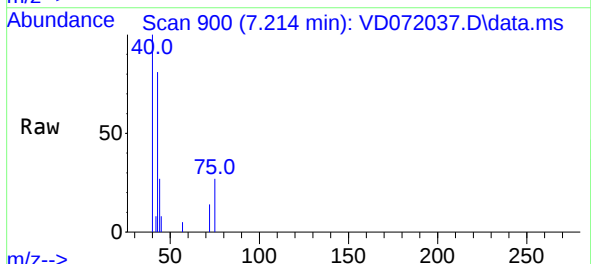
Ion	Ratio	Lower	Upper
84	100		
49	118.1	100.0	150.0
51	48.2	30.2	45.4#
86	50.0	52.7	79.1#

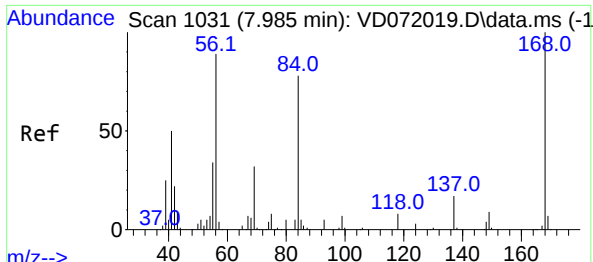


#25
2-Butanone
Concen: 7.167 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 43 Resp: 7804

Ion	Ratio	Lower	Upper
43	100		
72	17.6	20.3	30.5#





#31

Cyclohexane

Concen: 1.178 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD072037.D

Acq: 21 Feb 2022 17:26

Instrument :

MSVOA_D

ClientSampleId :

CC-B4

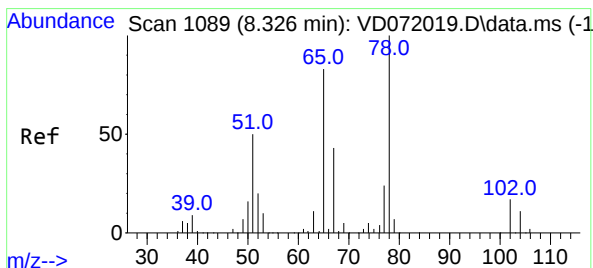
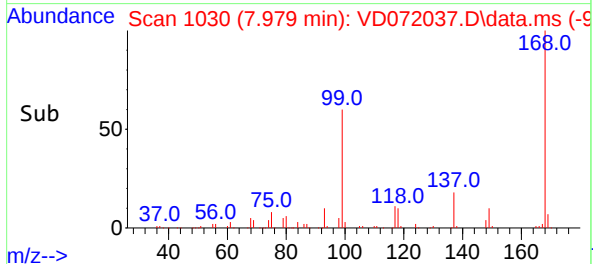
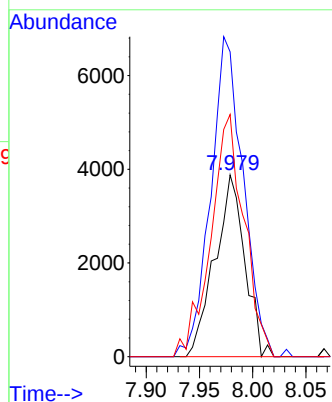
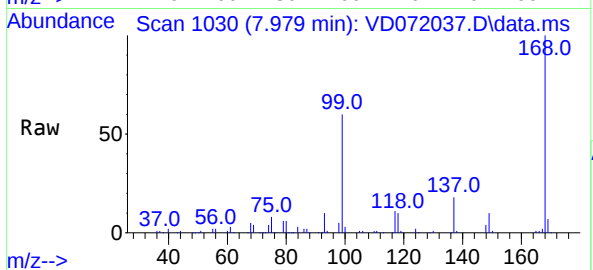
Tgt Ion: 56 Resp: 7587

Ion Ratio Lower Upper

56 100

69 167.6 28.9 43.3#

84 133.2 70.6 105.8#



#33

1,2-Dichloroethane-d4

Concen: 64.741 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072037.D

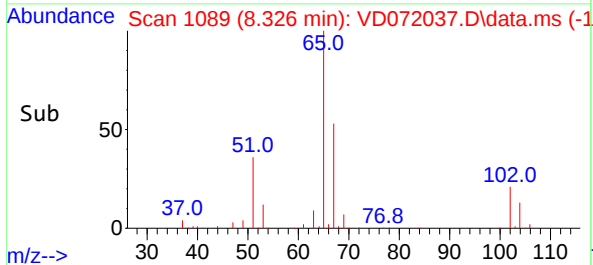
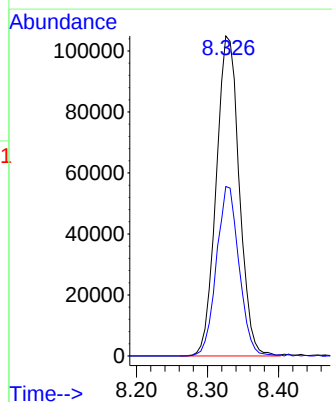
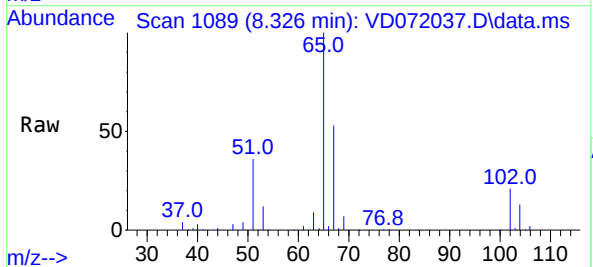
Acq: 21 Feb 2022 17:26

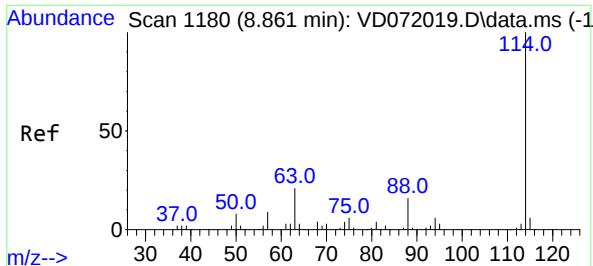
Tgt Ion: 65 Resp: 235997

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.6

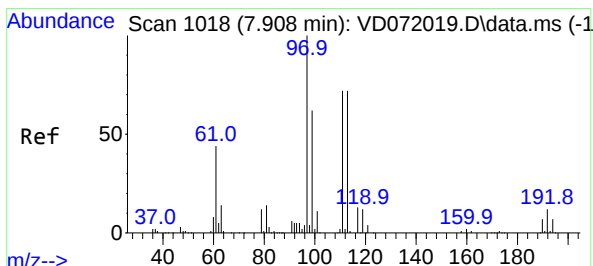
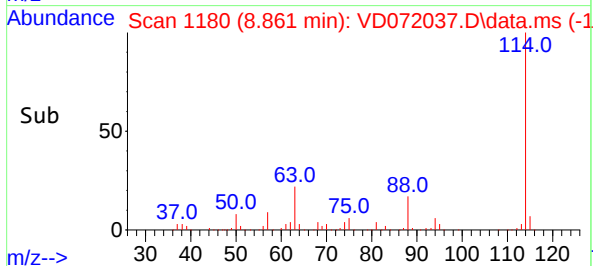
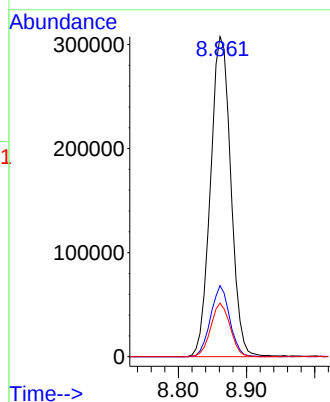
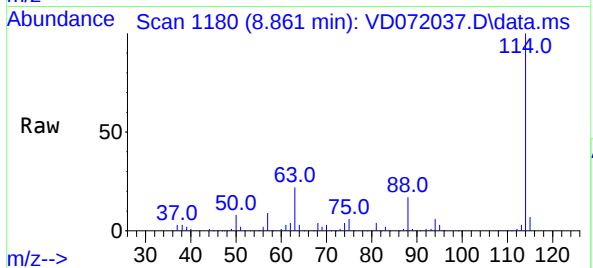




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

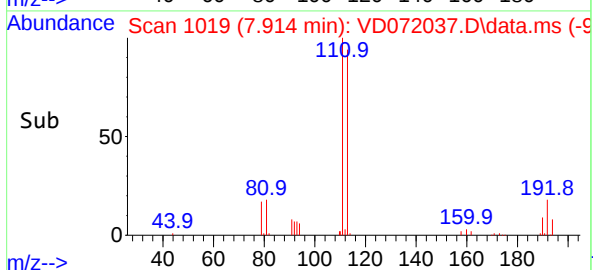
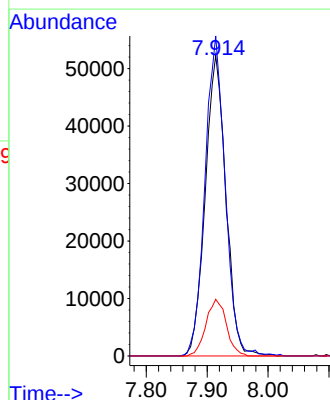
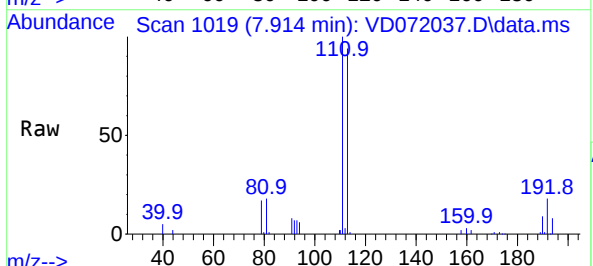
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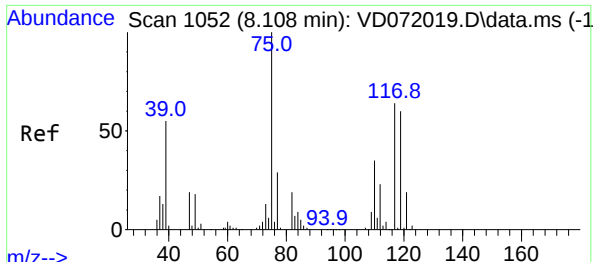
Tgt Ion:114 Resp: 638249
Ion Ratio Lower Upper
114 100
63 22.2 0.0 42.2
88 16.7 0.0 31.2



#35
Dibromofluoromethane
Concen: 31.849 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion:113 Resp: 123158
Ion Ratio Lower Upper
113 100
111 104.4 83.0 124.4
192 18.6 15.3 22.9

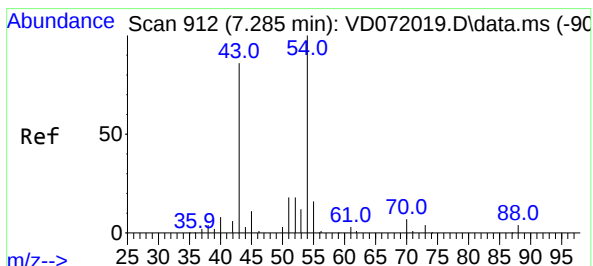
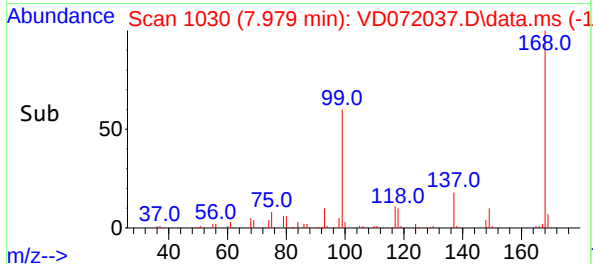
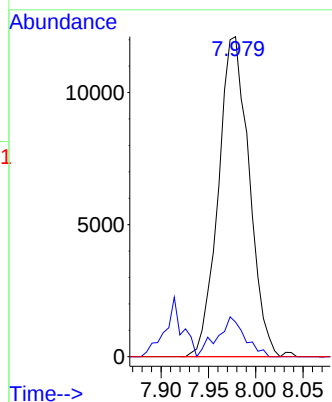
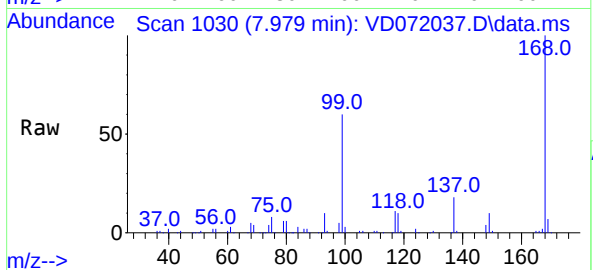




#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 7.979 min Scan# 1052
Delta R.T. -0.130 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

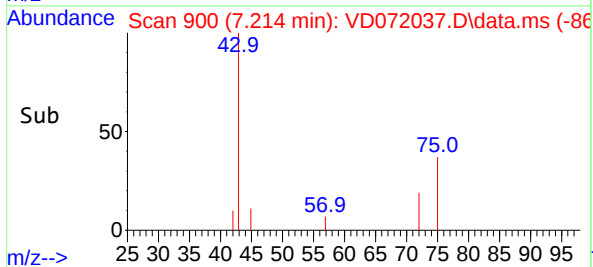
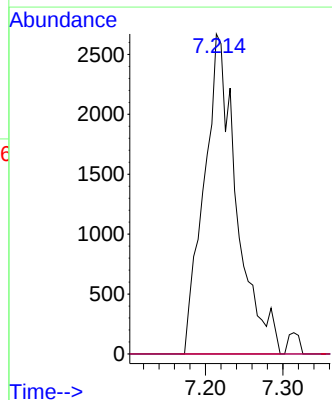
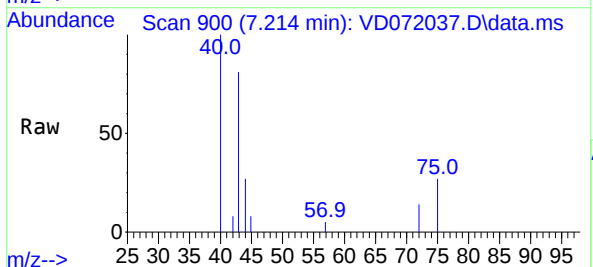
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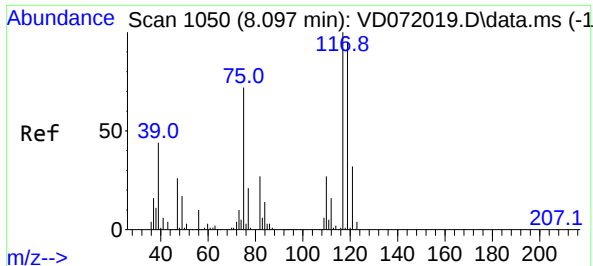
Tgt Ion: 75 Resp: 27369
Ion Ratio Lower Upper
75 100
110 11.1 17.7 53.1#
77 0.0 24.8 37.2#



#37
Ethyl Acetate
Concen: 2.873 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.071 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 43 Resp: 7804
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 7.4 11.2#

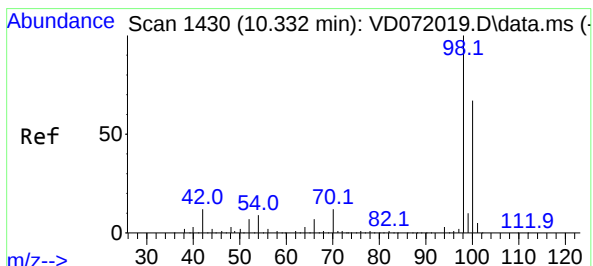
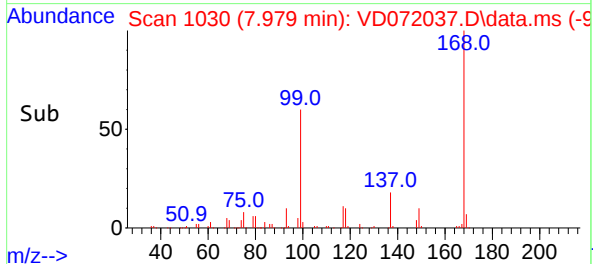
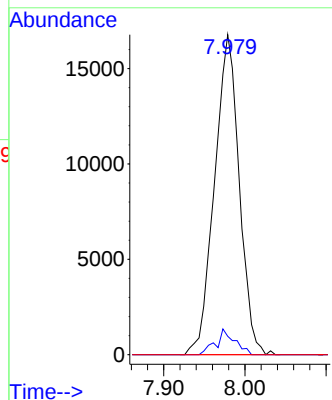
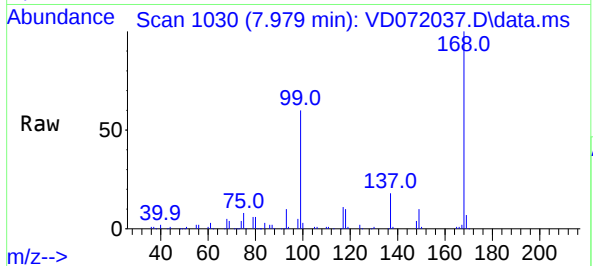




#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

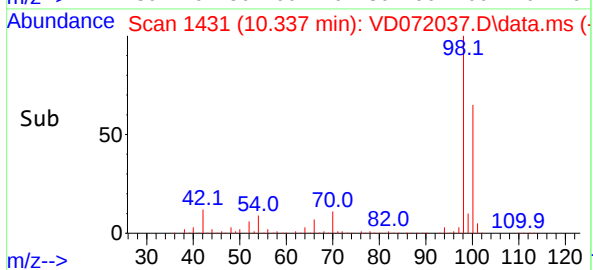
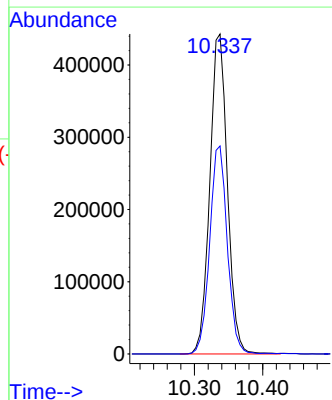
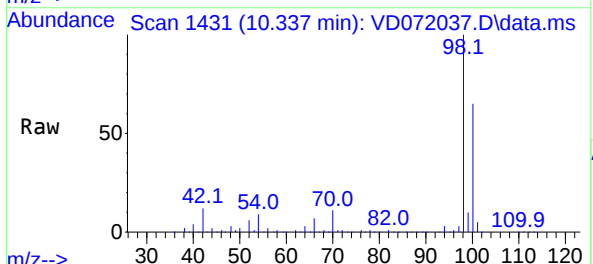
Instrument :
MSVOA_D
ClientSampleId :
CC-B4

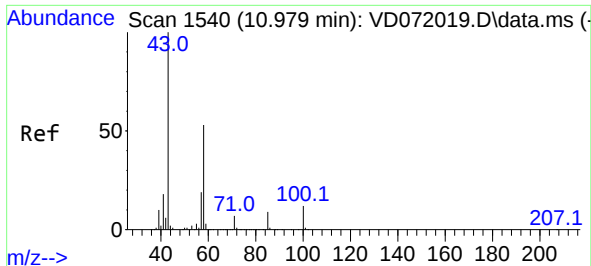
Tgt Ion:117 Resp: 35523
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 55.436 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 98 Resp: 794964
Ion Ratio Lower Upper
98 100
100 65.0 53.8 80.6

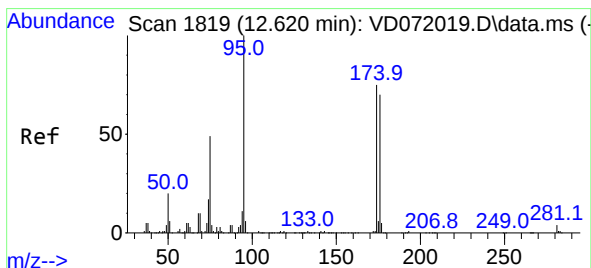
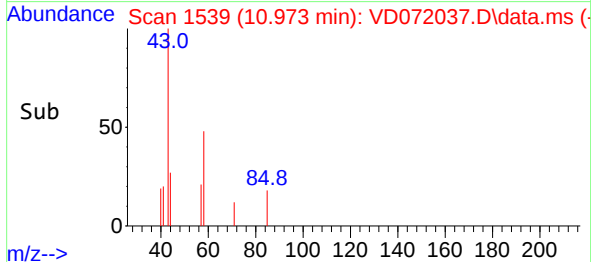
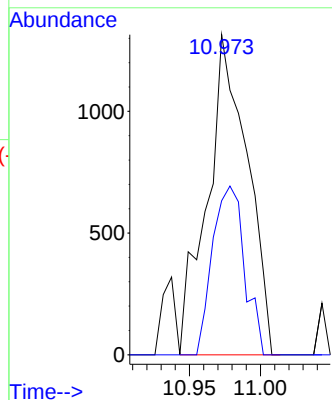
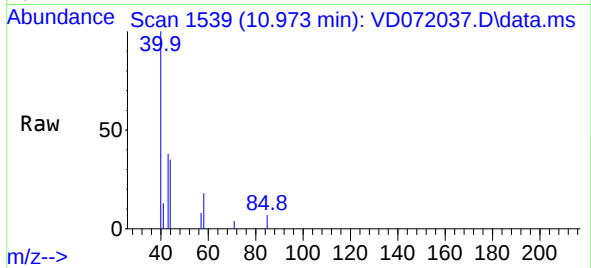




#59
2-Hexanone
Concen: 1.415 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

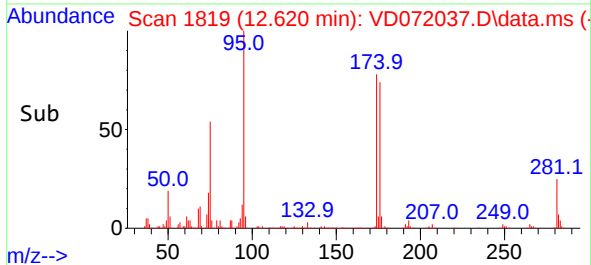
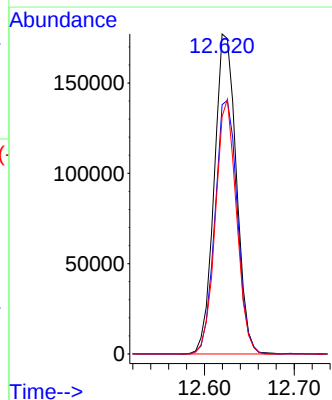
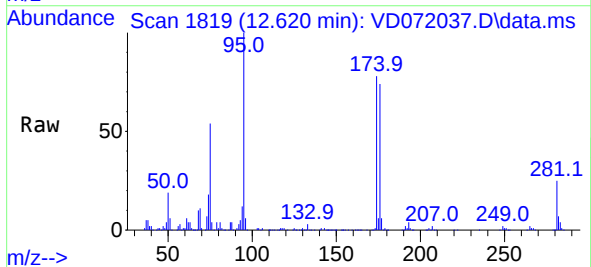
Instrument :
MSVOA_D
ClientSampleId :
CC-B4

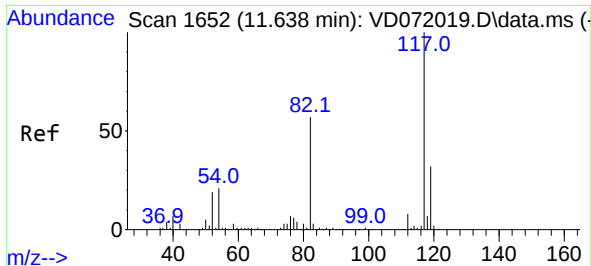
Tgt Ion: 43 Resp: 2587
Ion Ratio Lower Upper
43 100
58 42.0 27.0 80.8



#62
4-Bromofluorobenzene
Concen: 57.480 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 95 Resp: 302781
Ion Ratio Lower Upper
95 100
174 80.0 0.0 155.0
176 75.4 0.0 148.8

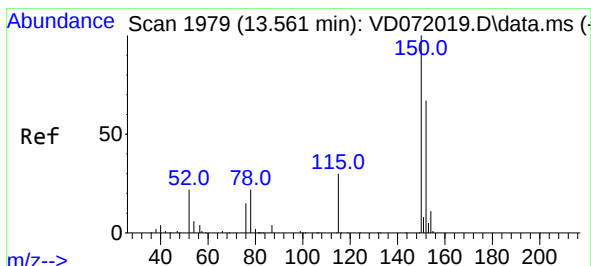
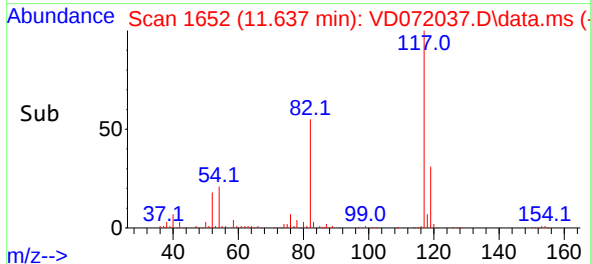
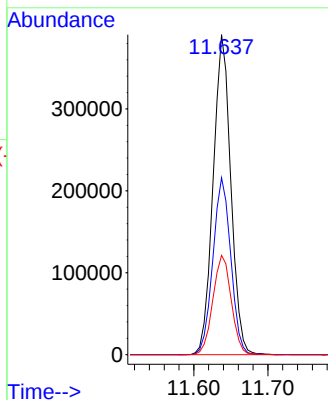
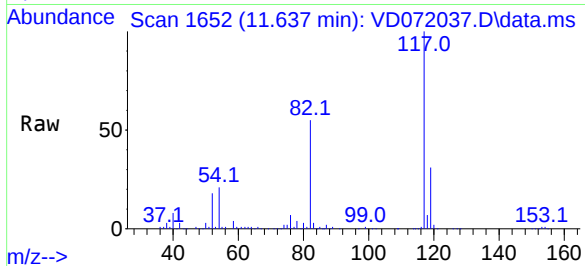




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

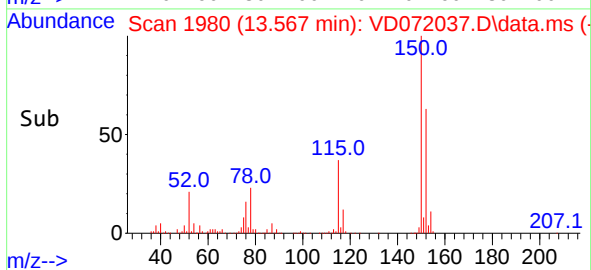
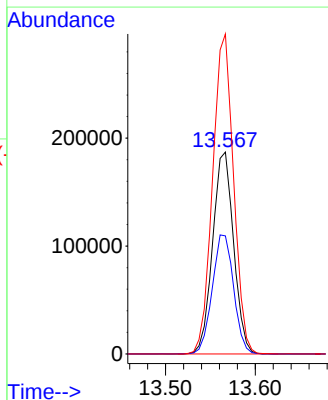
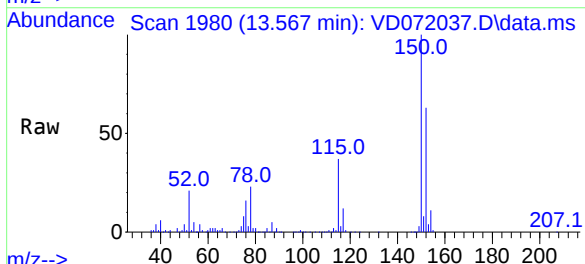
Instrument :
MSVOA_D
ClientSampleId :
CC-B4

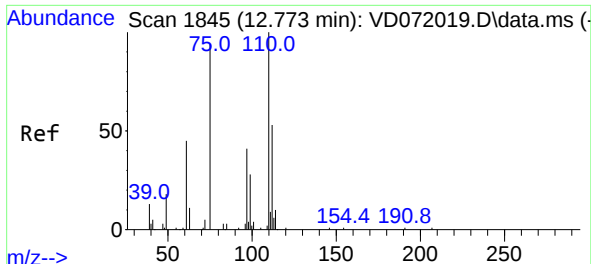
Tgt Ion:117 Resp: 646553
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.0
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion:152 Resp: 303988
Ion Ratio Lower Upper
152 100
115 60.1 29.9 89.7
150 157.9 0.0 347.6

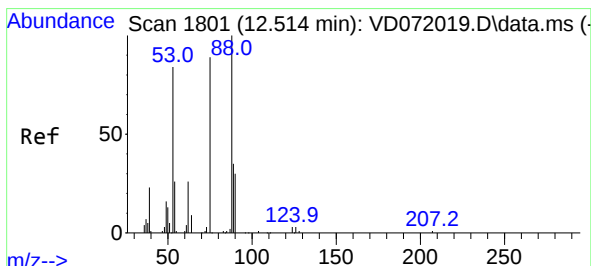
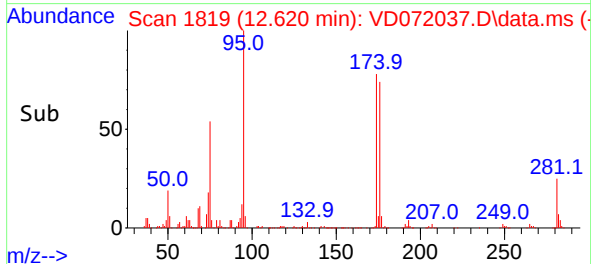
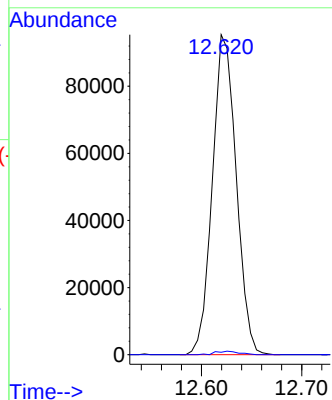
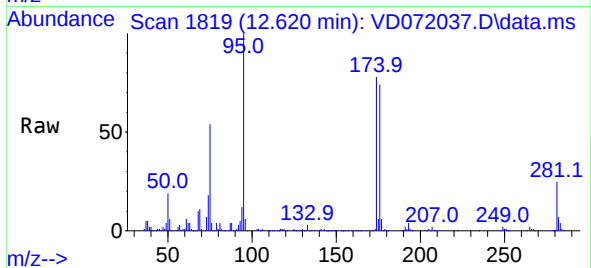




#76
1,2,3-Trichloropropane
Concen: 54.725 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Instrument :
MSVOA_D
ClientSampleId :
CC-B4

Tgt Ion: 75 Resp: 157578
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.044 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD072037.D
Acq: 21 Feb 2022 17:26

Tgt Ion: 75 Resp: 157578
Ion Ratio Lower Upper
75 100
53 0.0 80.2 120.4#
89 0.0 36.4 54.6#

