

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072122\
 Data File : VD073895.D
 Acq On : 21 Jul 2022 14:27
 Operator : VA/SY
 Sample : N3810-03
 Misc : 5.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3

Quant Time: Jul 22 01:19:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

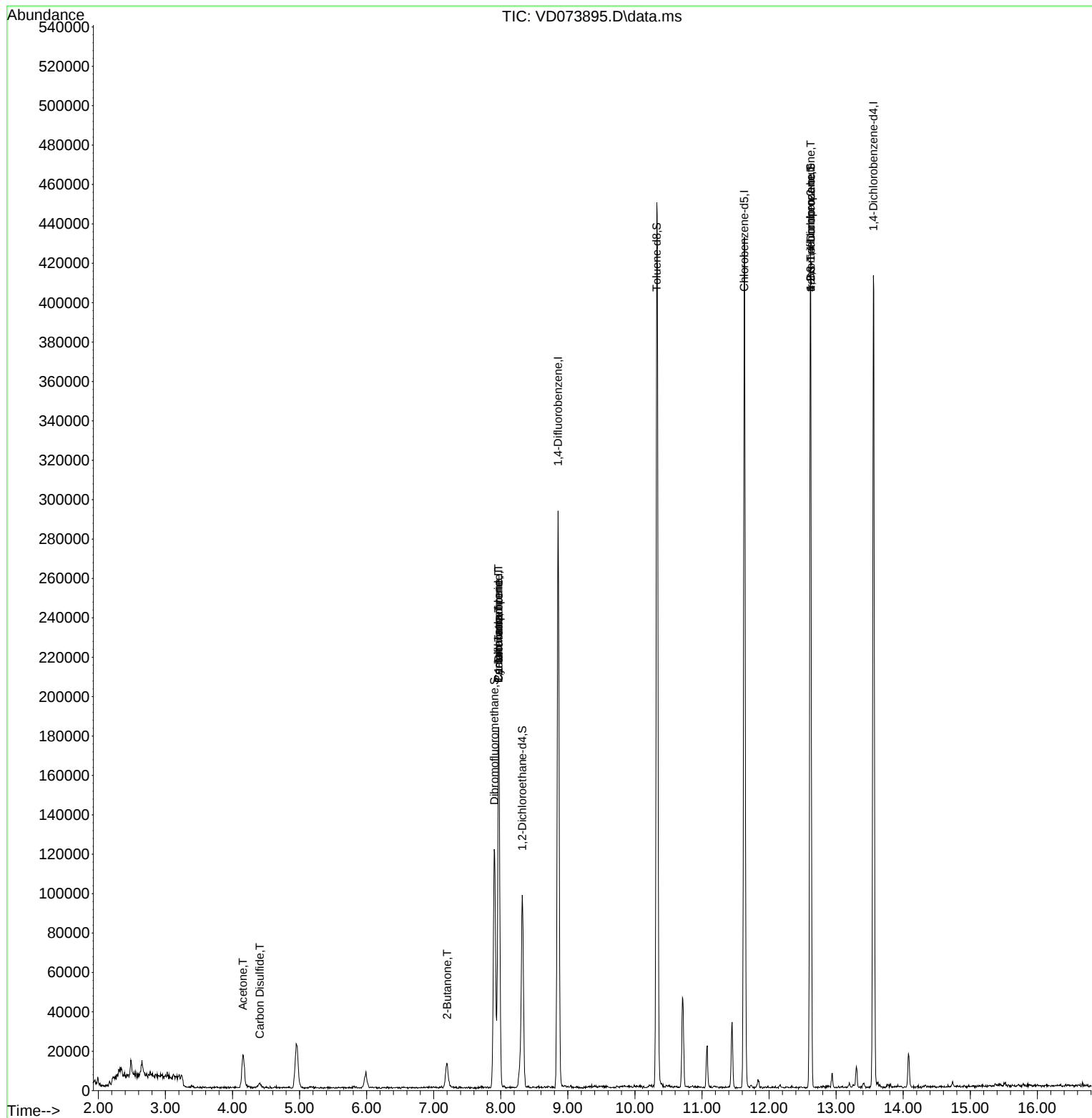
Internal Standards						
1) Pentafluorobenzene	7.967	168	124410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	246238	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	238550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	105651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	77568	52.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.420%	
35) Dibromofluoromethane	7.903	113	86207	49.625	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.260%	
50) Toluene-d8	10.326	98	307071	48.693	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	12.620	95	105666	48.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	1317	Below Cal	#	71
11) Tert butyl alcohol	5.220	59	92	Below Cal	#	74
16) Acetone	4.156	43	29856	122.476	ug/l	93
17) Carbon Disulfide	4.409	76	4615	1.142	ug/l #	91
18) Methyl Acetate	4.714	43	120	Below Cal	#	55
20) Methylene Chloride	4.950	84	17527	Below Cal	#	79
25) 2-Butanone	7.203	43	2864	8.278	ug/l #	86
31) Cyclohexane	7.967	56	3192	1.352	ug/l #	18
36) 1,1-Dichloropropene	7.967	75	10927	4.360	ug/l #	51
38) Carbon Tetrachloride	7.967	117	15034	5.253	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	57082	50.355	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	57082	135.880	ug/l #	7

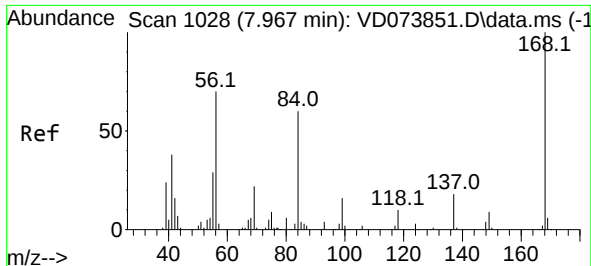
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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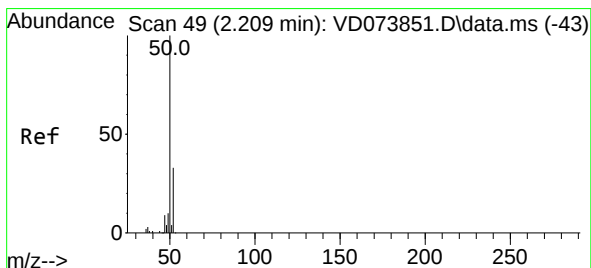
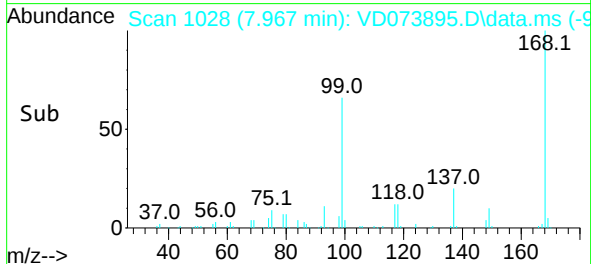
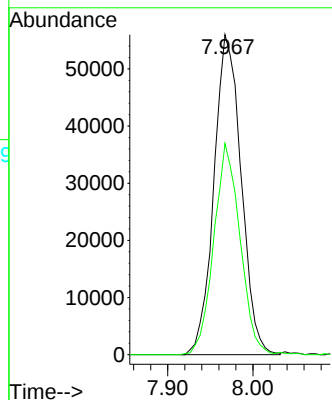
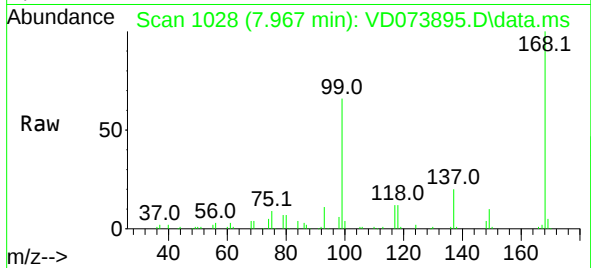




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

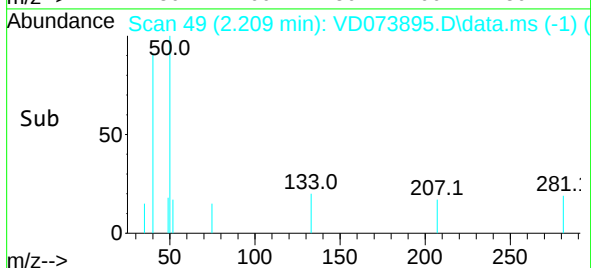
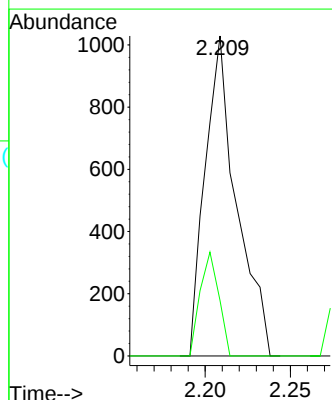
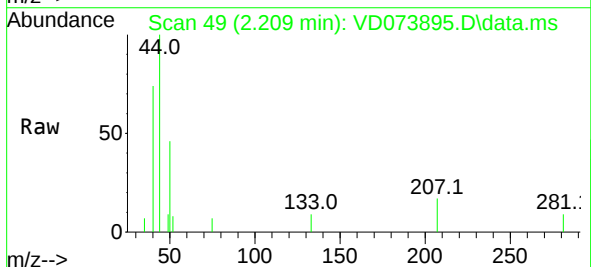
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

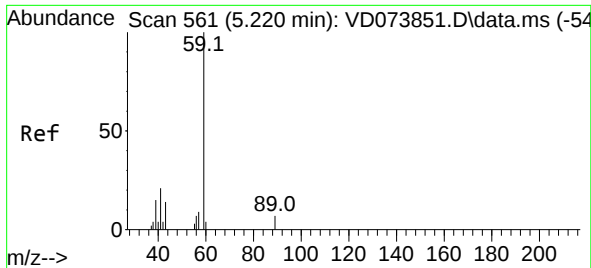
Tgt Ion:168 Resp: 124410
Ion Ratio Lower Upper
168 100
99 66.0 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

Tgt Ion: 50 Resp: 1317
Ion Ratio Lower Upper
50 100
52 17.3 27.4 41.0#

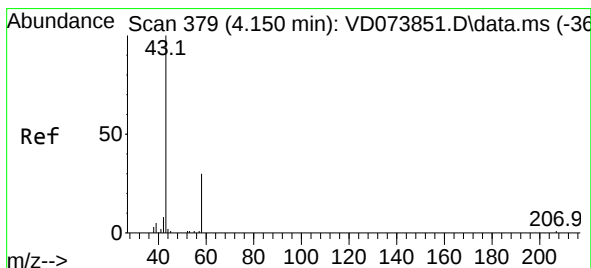
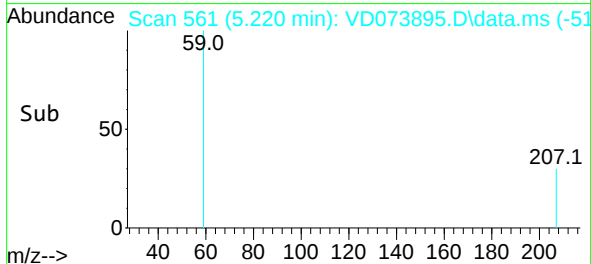
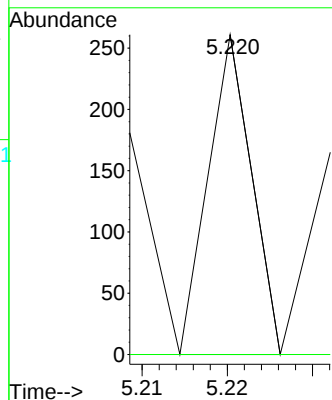
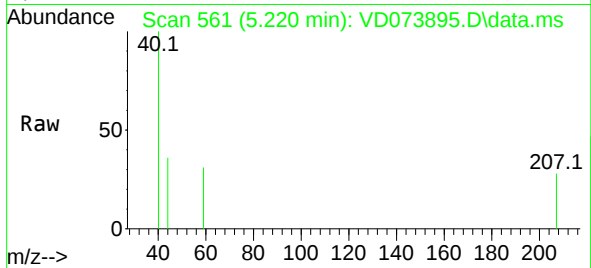




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 50
Delta R.T. 0.000 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

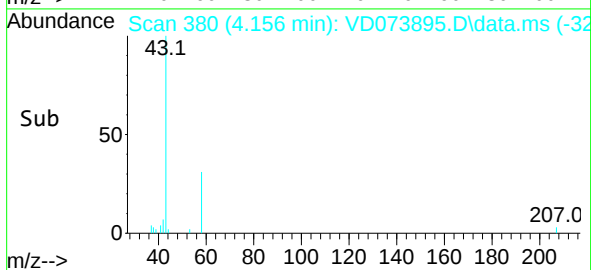
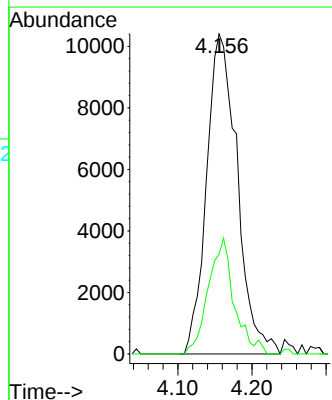
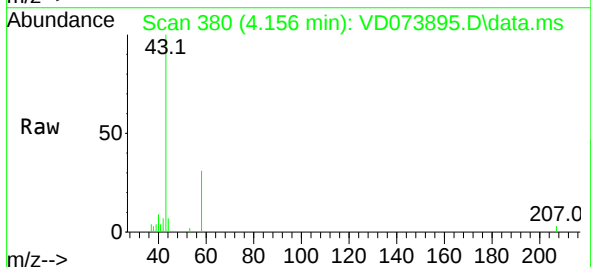
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

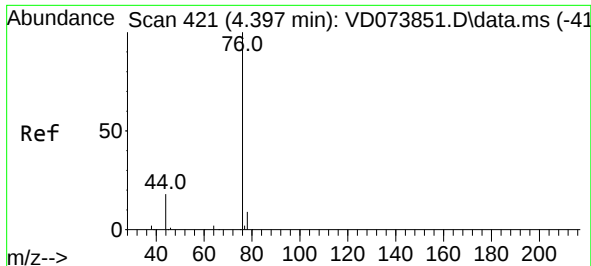
Tgt Ion: 59 Resp: 92
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 122.476 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

Tgt Ion: 43 Resp: 29856
Ion Ratio Lower Upper
43 100
58 31.2 22.1 33.1





#17

Carbon Disulfide

Concen: 1.142 ug/l

RT: 4.409 min Scan# 41

Delta R.T. 0.012 min

Lab File: VD073895.D

Acq: 21 Jul 2022 14:27

Instrument :

MSVOA_D

ClientSampleId :

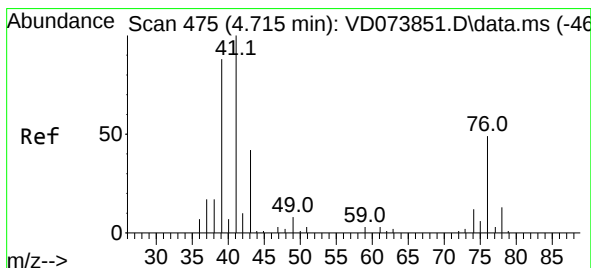
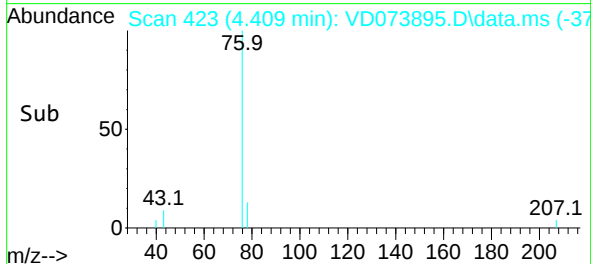
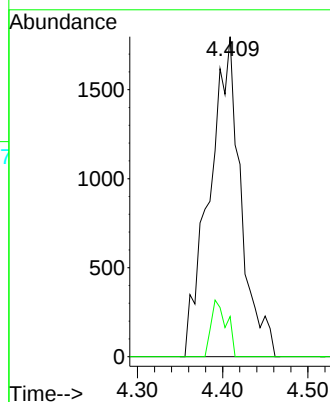
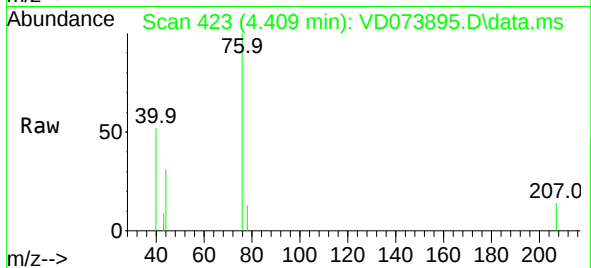
COMP-3

Tgt Ion: 76 Resp: 4615

Ion Ratio Lower Upper

76 100

78 12.6 7.5 11.3#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.714 min Scan# 475

Delta R.T. -0.001 min

Lab File: VD073895.D

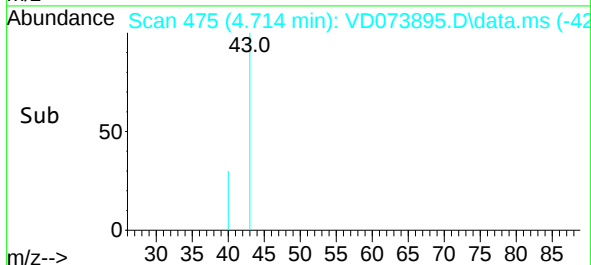
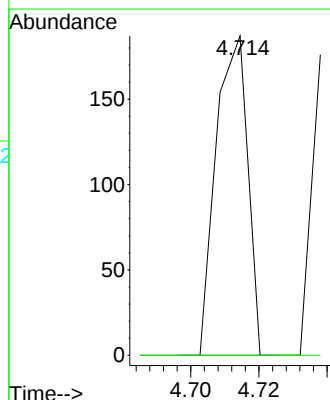
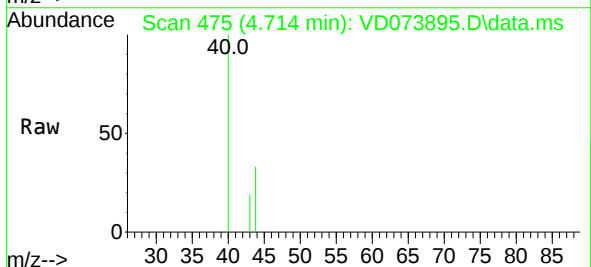
Acq: 21 Jul 2022 14:27

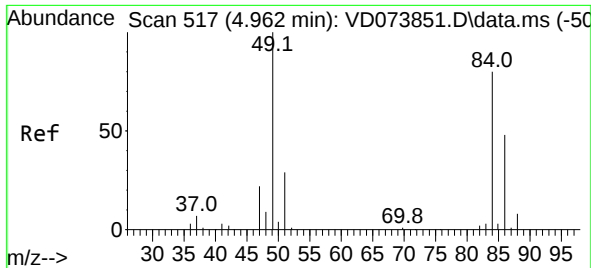
Tgt Ion: 43 Resp: 120

Ion Ratio Lower Upper

43 100

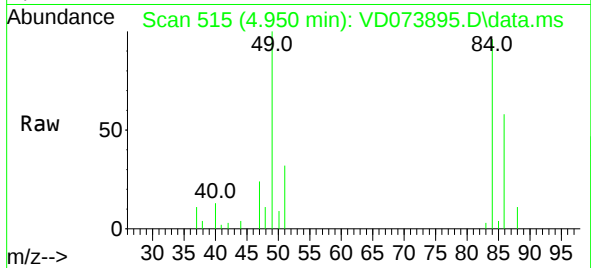
74 0.0 16.7 25.1#



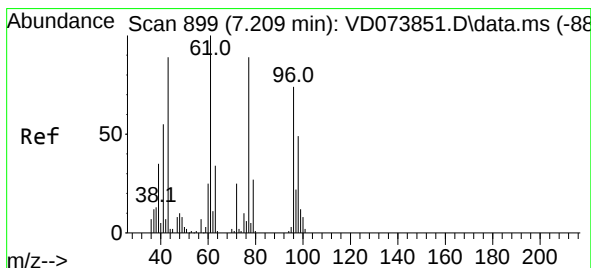
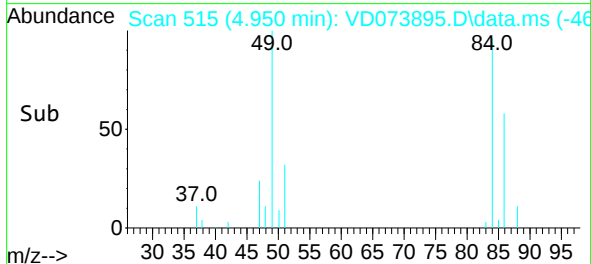
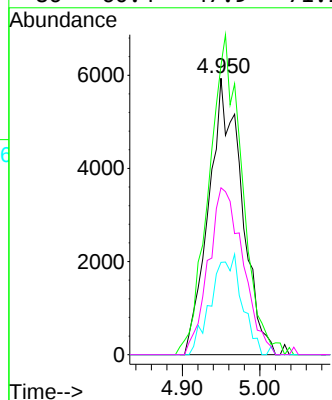


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.012 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

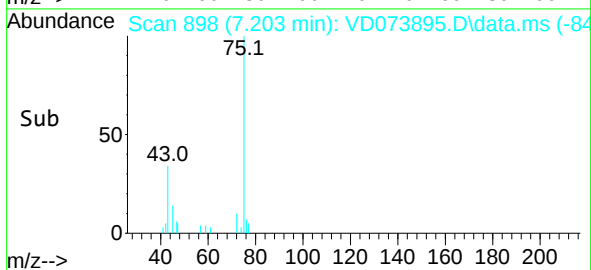
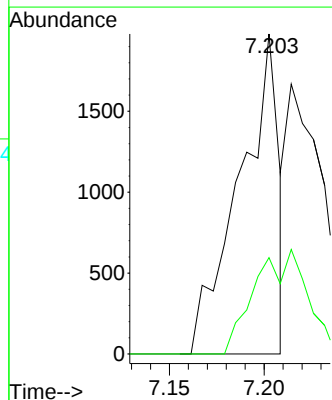
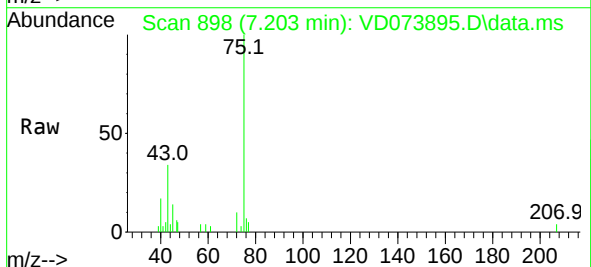


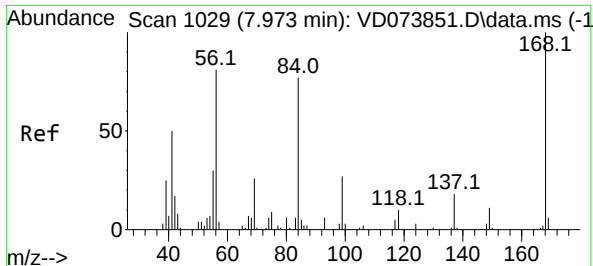
Tgt Ion: 84	Resp: 17527
Ion Ratio	Lower Upper
84 100	
49 101.8	112.8 169.2#
51 33.4	32.6 48.8
86 60.4	47.9 71.9



#25
2-Butanone
Concen: 8.278 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

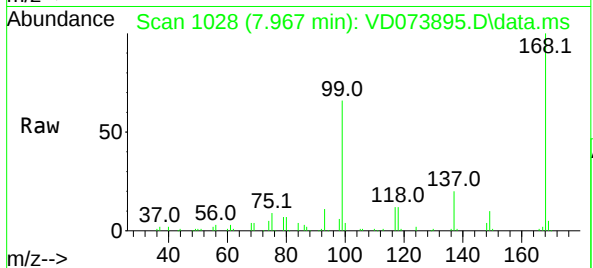
Tgt Ion: 43	Resp: 2864
Ion Ratio	Lower Upper
43 100	
72 30.1	18.6 27.8#



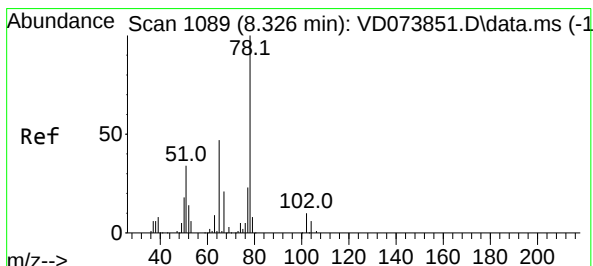
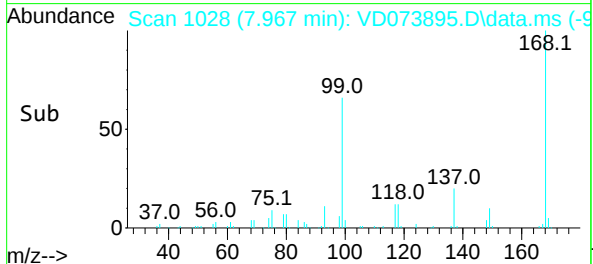
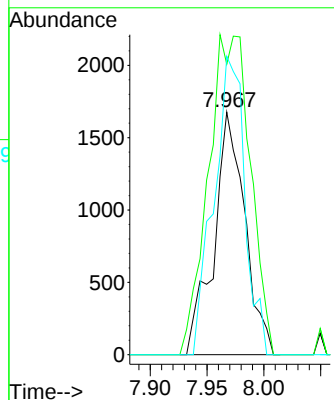


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

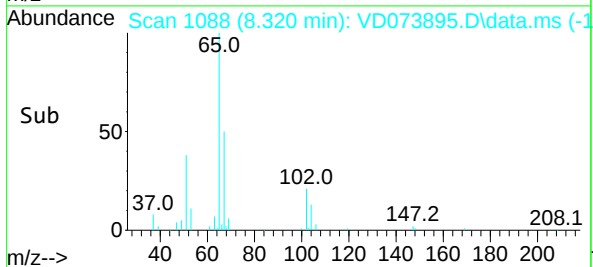
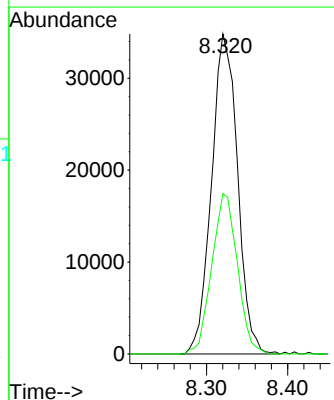
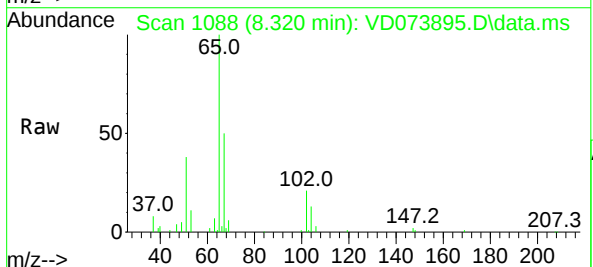


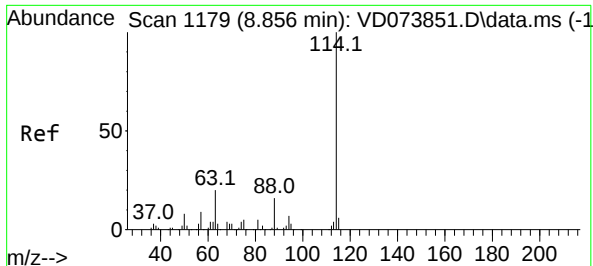
Tgt Ion: 56 Resp: 3192
Ion Ratio Lower Upper
56 100
69 119.7 25.4 38.2#
84 123.0 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 52.213 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

Tgt Ion: 65 Resp: 77568
Ion Ratio Lower Upper
65 100
67 49.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073895.D

Acq: 21 Jul 2022 14:27

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

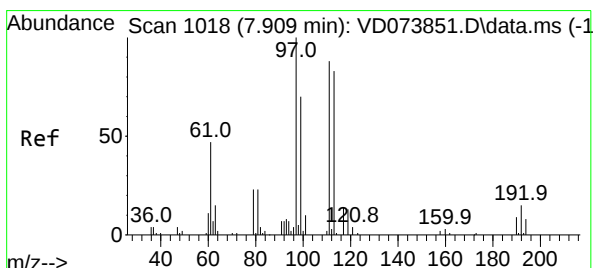
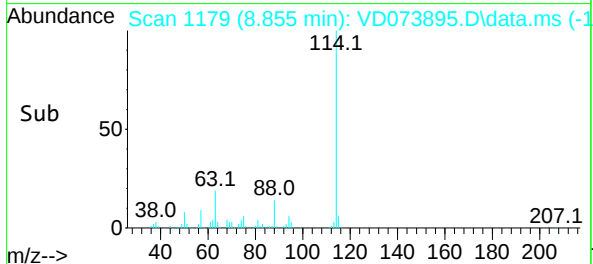
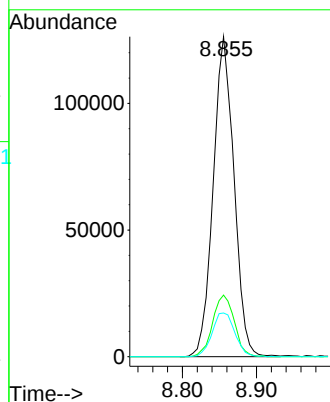
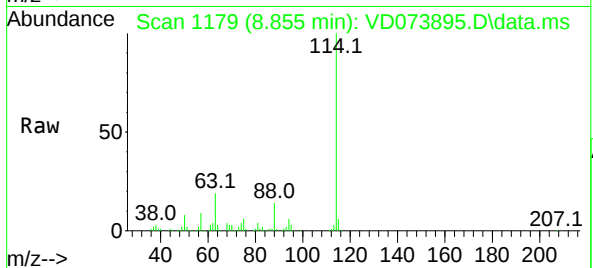
Tgt Ion:114 Resp: 246238

Ion Ratio Lower Upper

114 100

63 19.3 0.0 46.6

88 13.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.625 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073895.D

Acq: 21 Jul 2022 14:27

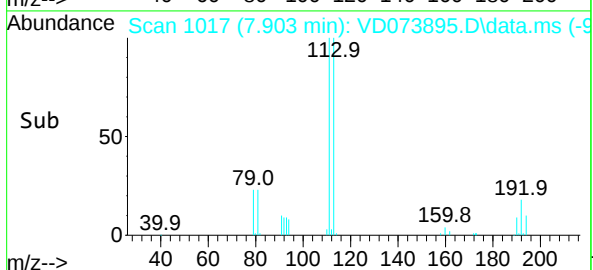
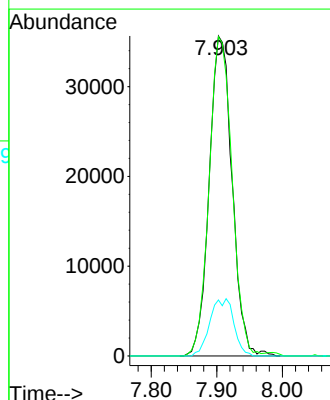
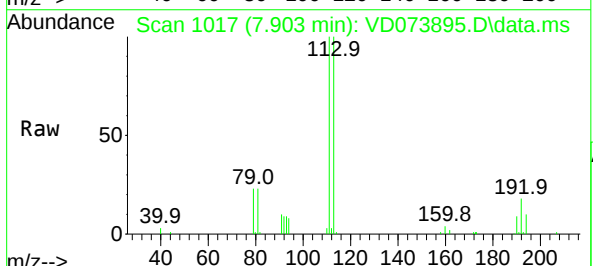
Tgt Ion:113 Resp: 86207

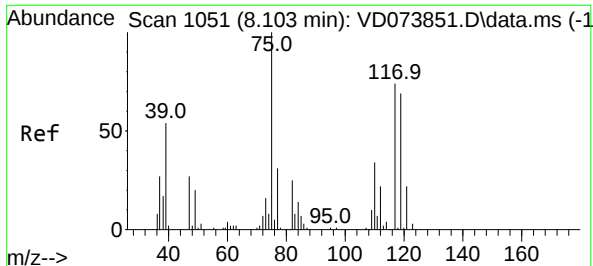
Ion Ratio Lower Upper

113 100

111 100.2 83.8 125.6

192 18.8 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.360 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD073895.D

Acq: 21 Jul 2022 14:27

Instrument :

MSVOA_D

ClientSampleId :

COMP-3

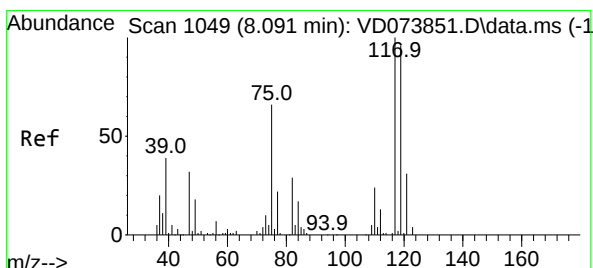
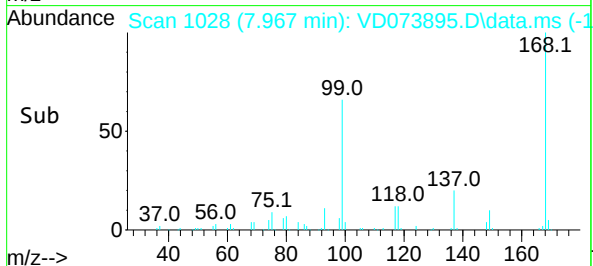
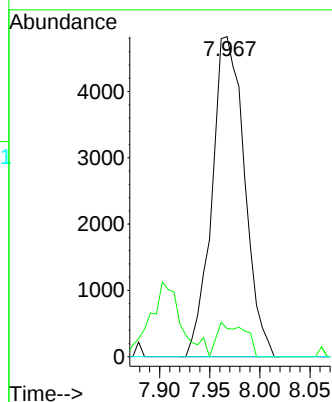
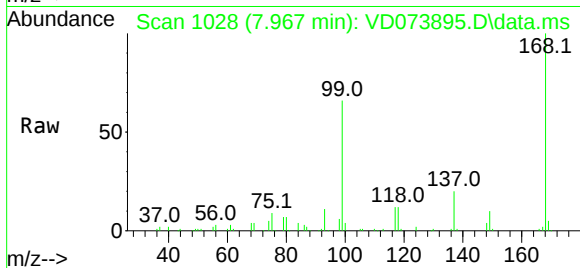
Tgt Ion: 75 Resp: 10927

Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 5.253 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.124 min

Lab File: VD073895.D

Acq: 21 Jul 2022 14:27

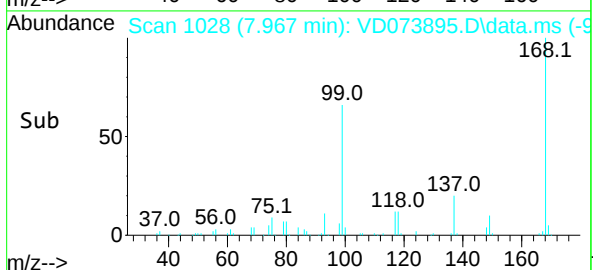
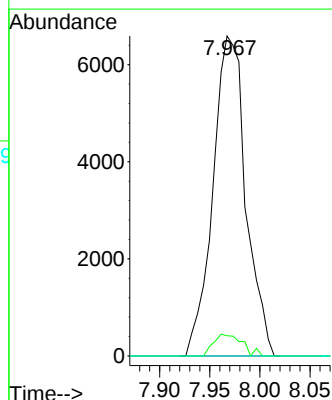
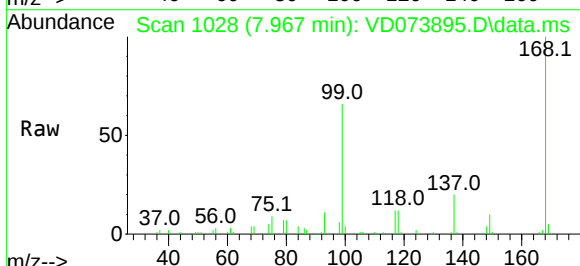
Tgt Ion: 117 Resp: 15034

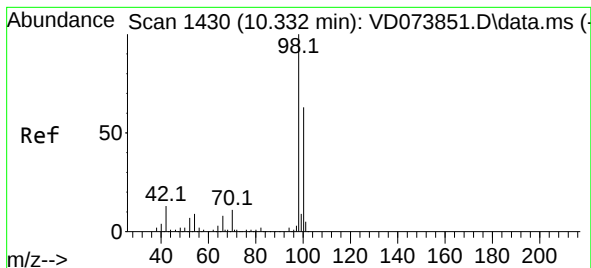
Ion Ratio Lower Upper

117 100

119 6.3 75.8 113.6#

121 0.0 24.5 36.7#

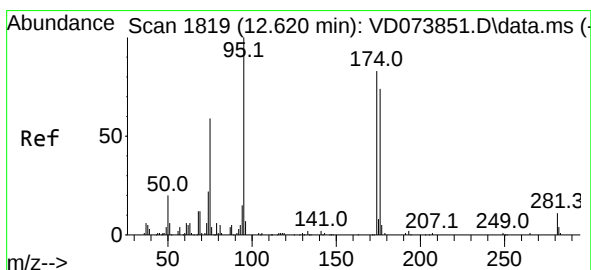
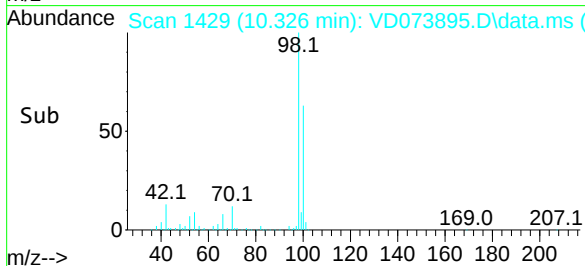
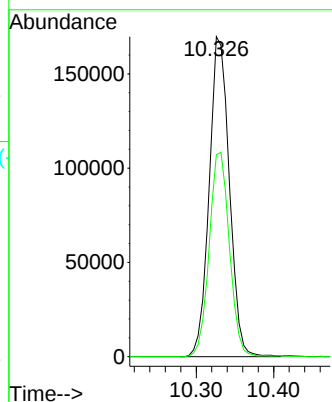
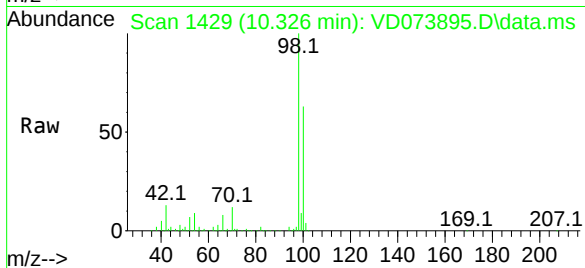




#50
Toluene-d8
Concen: 48.693 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

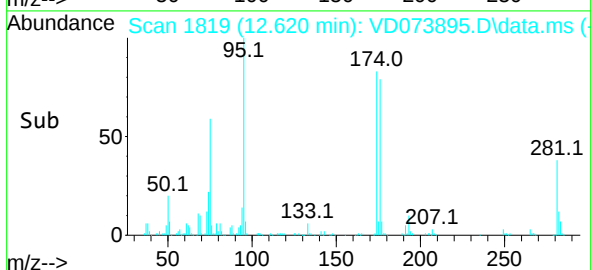
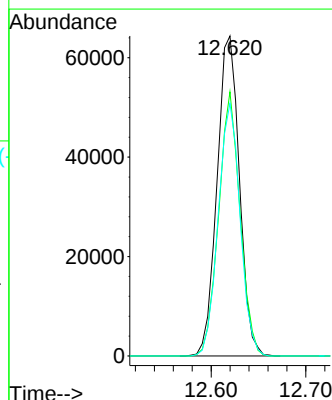
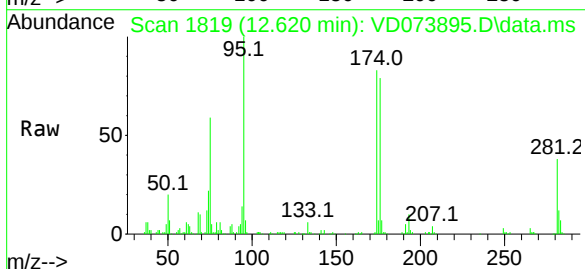
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

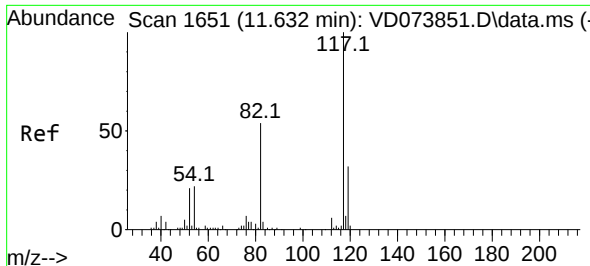
Tgt Ion: 98 Resp: 307071
Ion Ratio Lower Upper
98 100
100 64.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.734 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

Tgt Ion: 95 Resp: 105666
Ion Ratio Lower Upper
95 100
174 78.8 0.0 152.8
176 77.1 0.0 145.4

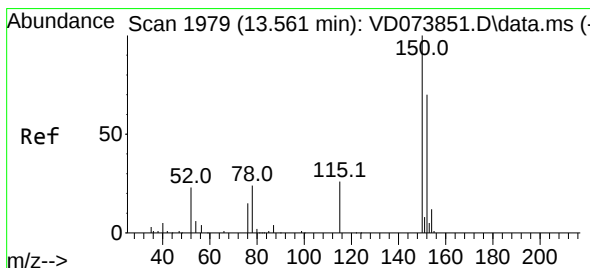
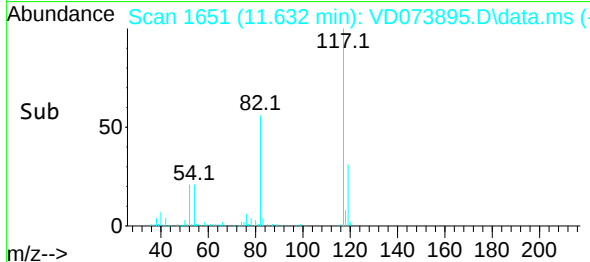
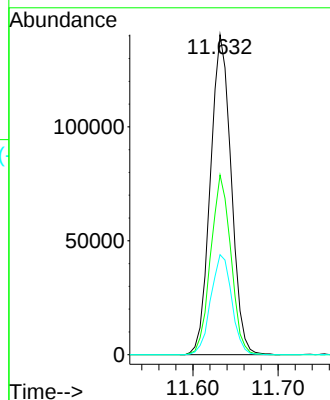
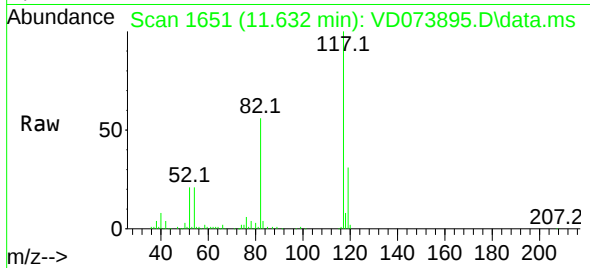




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

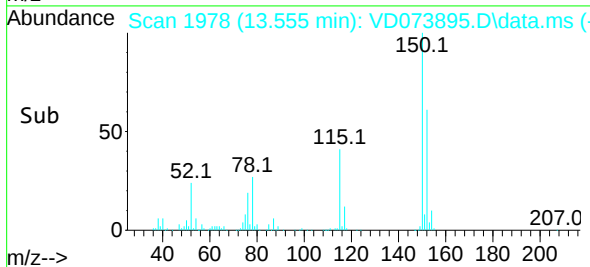
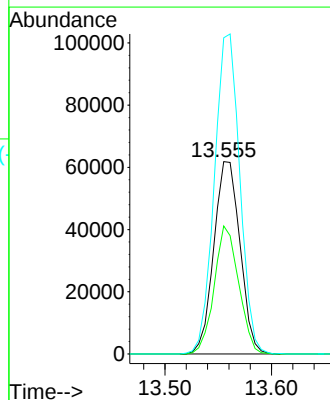
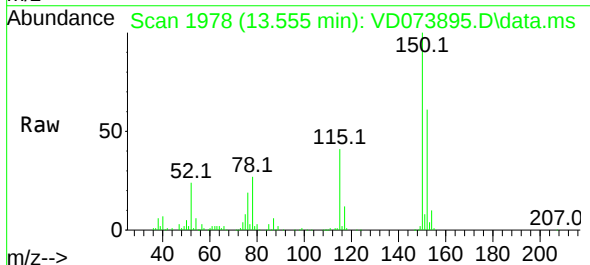
Instrument :
MSVOA_D
ClientSampleId :
COMP-3

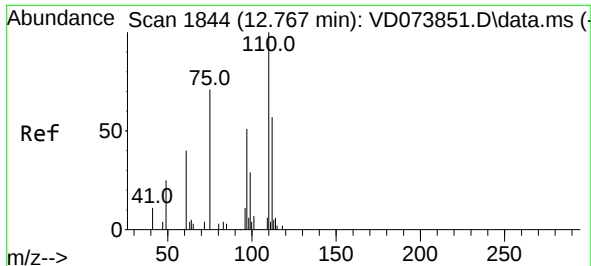
Tgt Ion:117 Resp: 238550
Ion Ratio Lower Upper
117 100
82 56.1 45.3 67.9
119 31.3 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

Tgt Ion:152 Resp: 105651
Ion Ratio Lower Upper
152 100
115 62.0 31.3 93.8
150 161.3 0.0 348.6

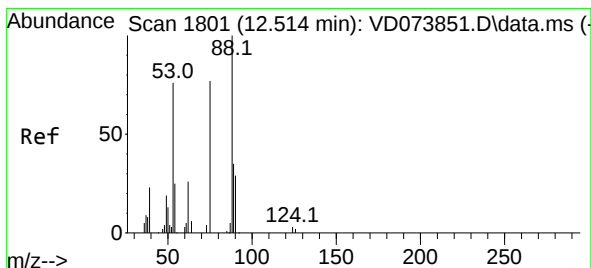
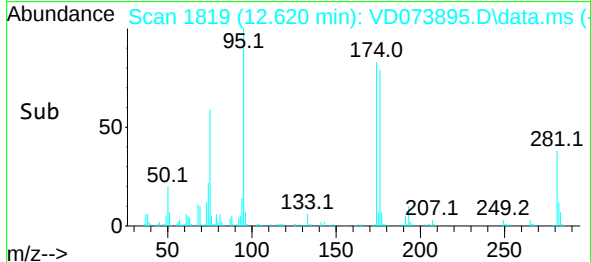
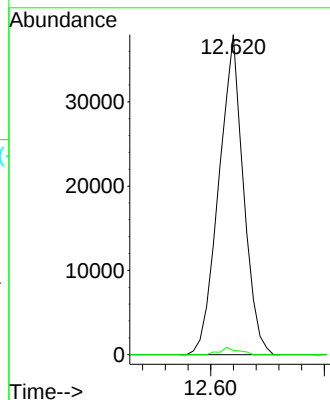
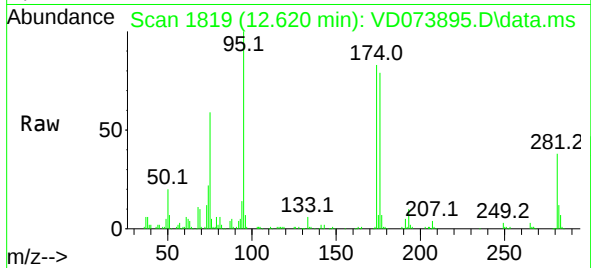




#76
1,2,3-Trichloropropane
Concen: 50.355 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

Instrument :
MSVOA_D
ClientSampleId :
COMP-3

Tgt Ion: 75 Resp: 57082
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 135.880 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073895.D
Acq: 21 Jul 2022 14:27

Tgt Ion: 75 Resp: 57082
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.3 33.9 50.9#

