

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072771.D
 Acq On : 03 May 2022 16:48
 Operator : VA/SY
 Sample : N2655-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-050222

Quant Time: May 04 01:26:54 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)

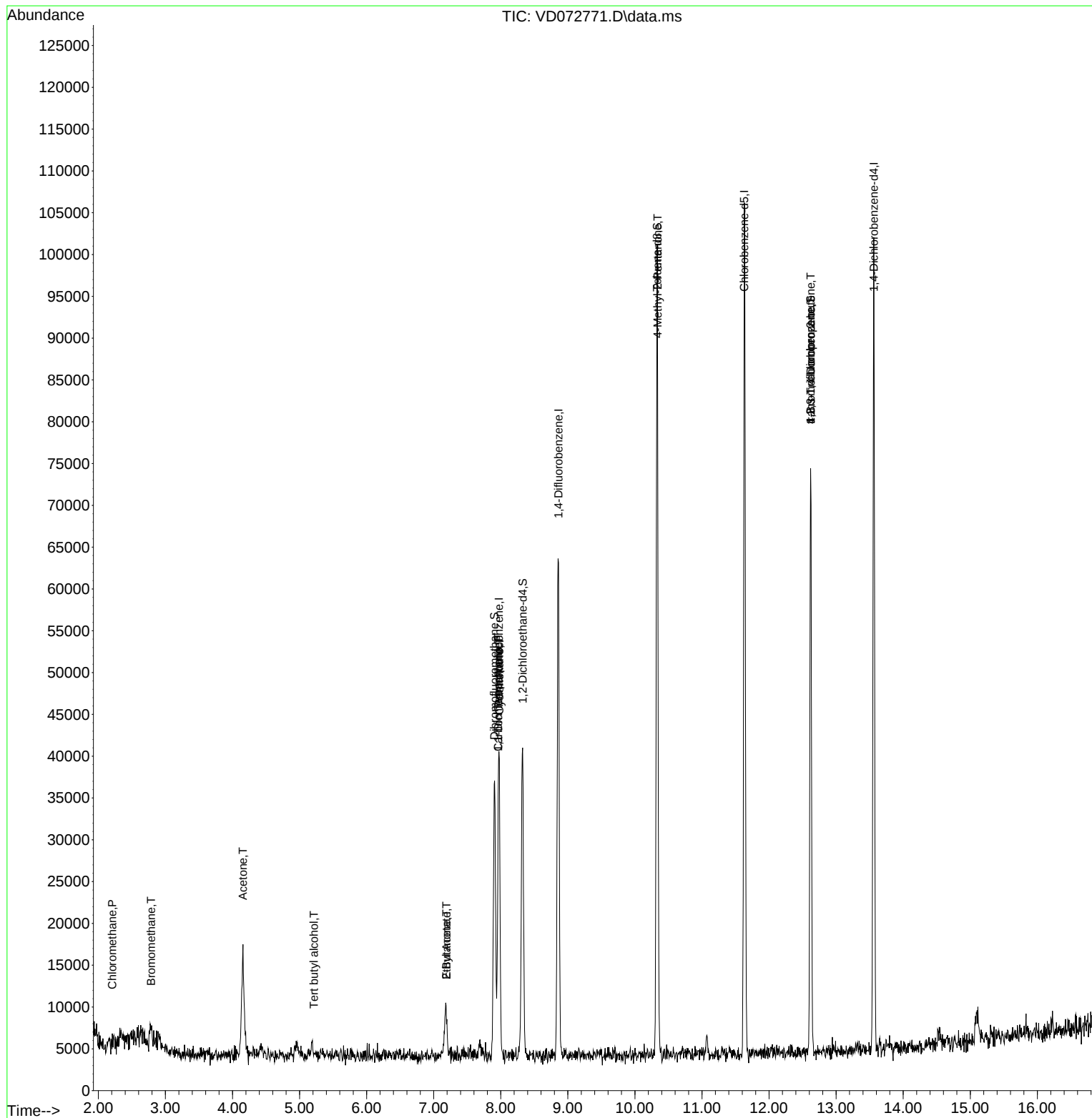
Internal Standards						
1) Pentafluorobenzene	7.973	168	26390	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	50912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	56891	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	25090	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	30023	87.642	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 175.280%#			
35) Dibromofluoromethane	7.902	113	23042	64.442	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 128.880%			
50) Toluene-d8	10.332	98	64074	49.956	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.920%			
62) 4-Bromofluorobenzene	12.620	95	24626	51.492	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.980%			
Target Compounds			Qvalue			
3) Chloromethane	2.209	50	604	1.593	ug/l #	71
5) Bromomethane	2.785	94	1158	4.115	ug/l	91
11) Tert butyl alcohol	5.214	59	104	3.509	ug/l #	74
16) Acetone	4.156	43	20912	330.647	ug/l	92
20) Methylene Chloride	4.944	84	671	Below Cal	#	10
25) 2-Butanone	7.191	43	384	3.847	ug/l #	52
31) Cyclohexane	7.979	56	649	1.084	ug/l #	50
36) 1,1-Dichloropropene	7.961	75	2755	4.739	ug/l #	45
37) Ethyl Acetate	7.191	43	384	1.437	ug/l #	46
38) Carbon Tetrachloride	7.961	117	3036	5.030	ug/l #	13
51) 4-Methyl-2-Pentanone	10.338	43	352	1.373	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	11729	41.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	11729	96.408	ug/l #	7

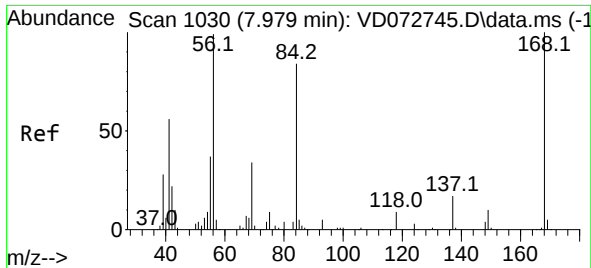
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
Data File : VD072771.D
Acq On : 03 May 2022 16:48
Operator : VA/SY
Sample : N2655-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CL-01-050222

Quant Time: May 04 01:26:54 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

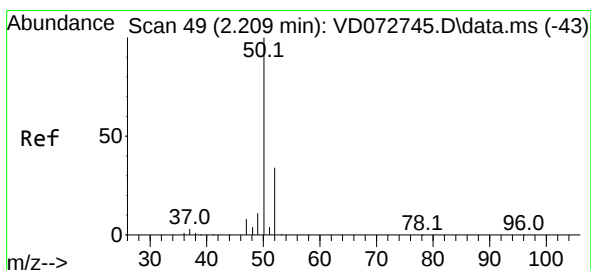
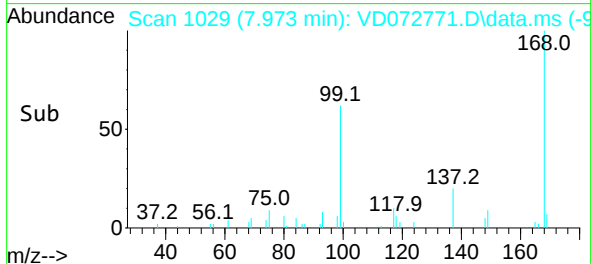
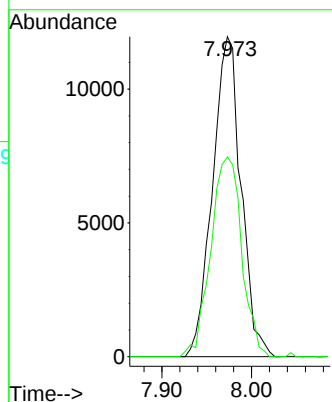
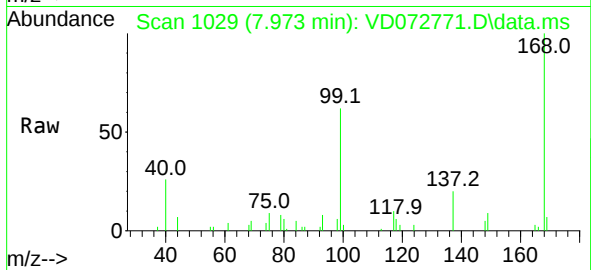




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

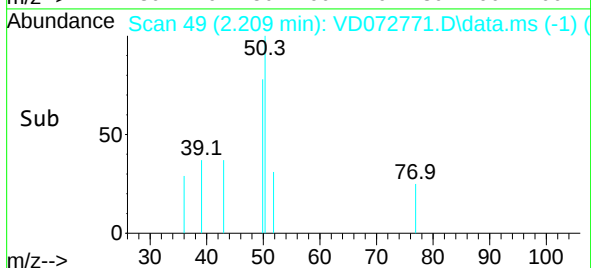
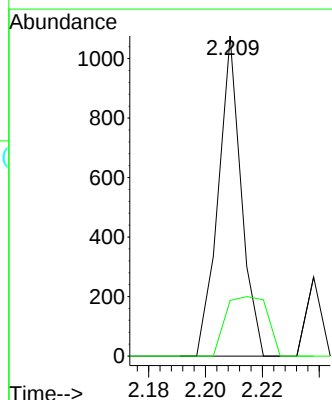
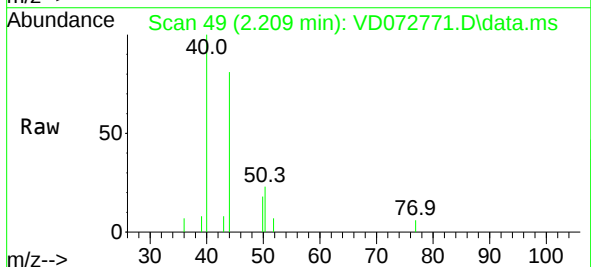
Instrument :
MSVOA_D
ClientSampleId :
CL-01-050222

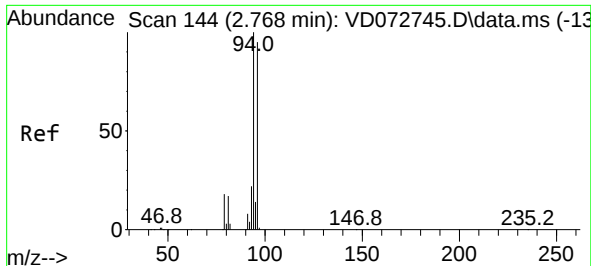
Tgt Ion:168 Resp: 26390
Ion Ratio Lower Upper
168 100
99 62.4 49.8 74.6



#3
Chloromethane
Concen: 1.593 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

Tgt Ion: 50 Resp: 604
Ion Ratio Lower Upper
50 100
52 17.4 27.4 41.0#

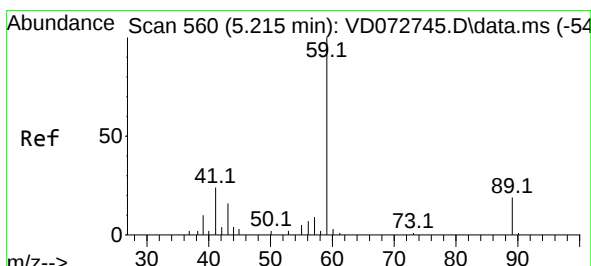
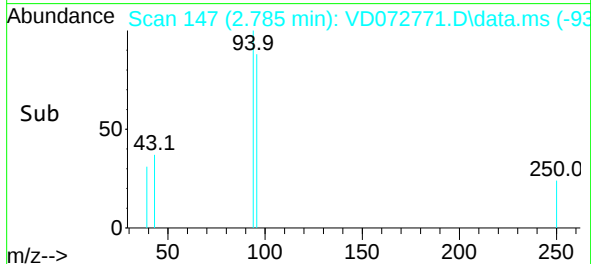
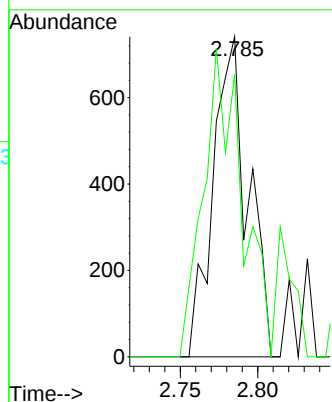
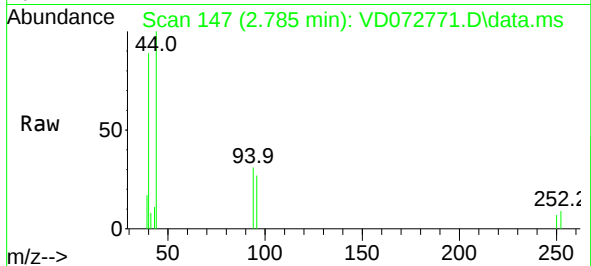




#5
Bromomethane
Concen: 4.115 ug/l
RT: 2.785 min Scan# 144
Delta R.T. 0.017 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

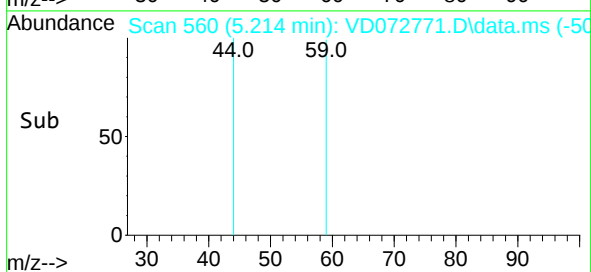
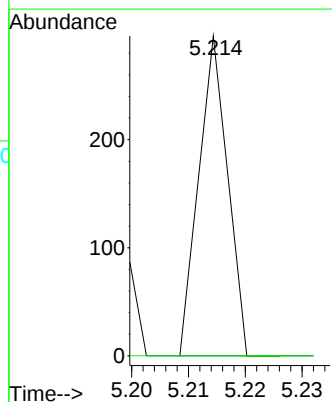
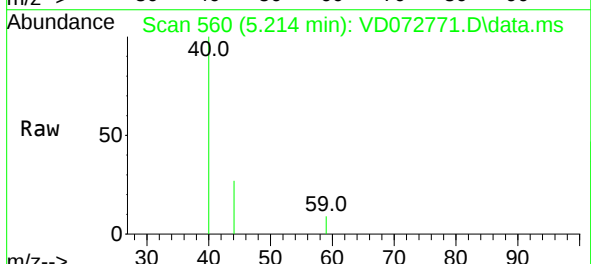
Instrument :
MSVOA_D
ClientSampleId :
CL-01-050222

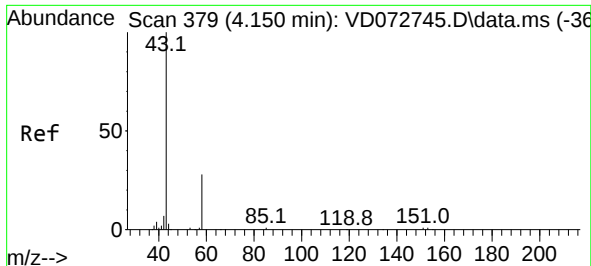
Tgt Ion: 94 Resp: 1158
Ion Ratio Lower Upper
94 100
96 88.1 77.6 116.4



#11
Tert butyl alcohol
Concen: 3.509 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.001 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

Tgt Ion: 59 Resp: 104
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

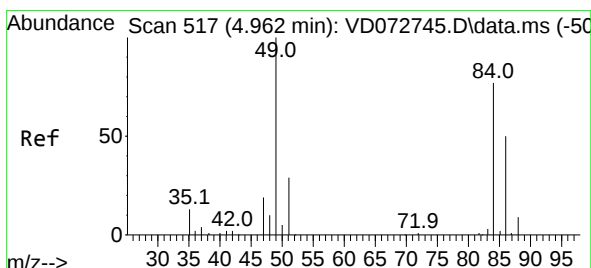
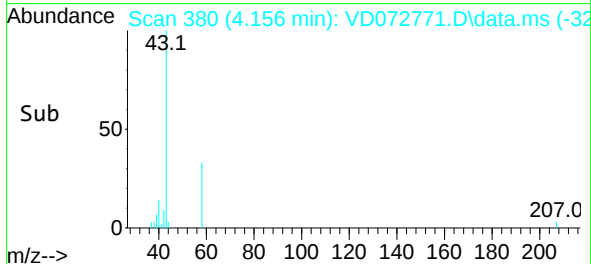
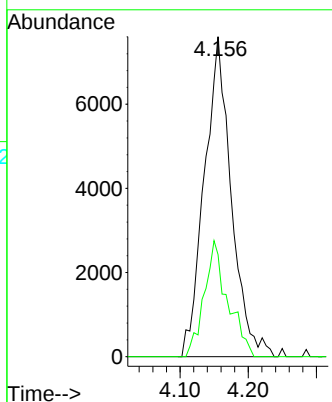
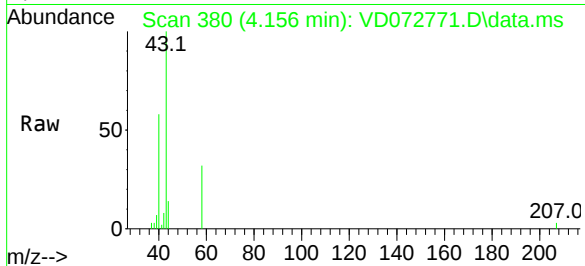




#16
Acetone
Concen: 330.647 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

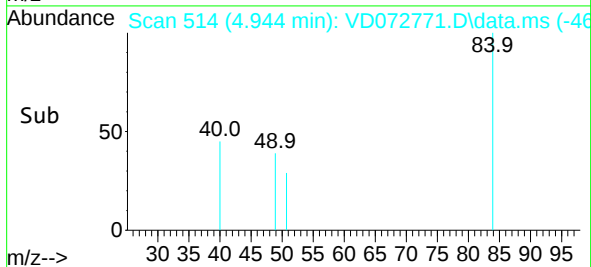
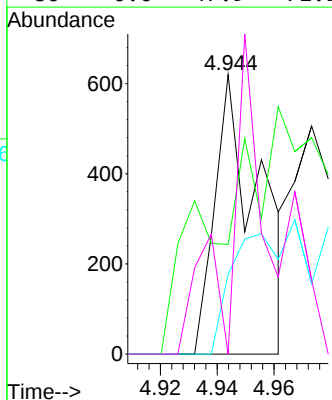
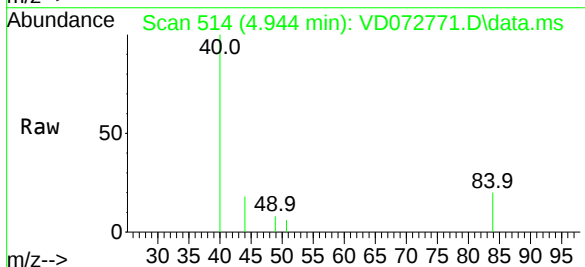
Instrument :
MSVOA_D
ClientSampleId :
CL-01-050222

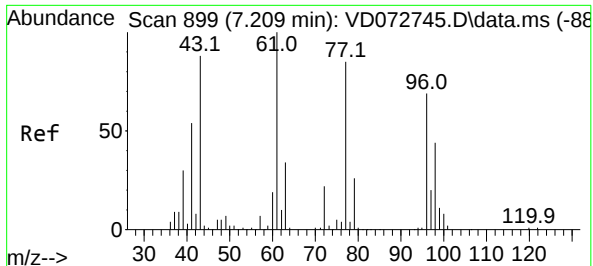
Tgt Ion: 43 Resp: 20912
Ion Ratio Lower Upper
43 100
58 31.9 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.944 min Scan# 514
Delta R.T. -0.018 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

Tgt Ion: 84 Resp: 671
Ion Ratio Lower Upper
84 100
49 0.0 112.8 169.2#
51 28.5 32.6 48.8#
86 0.0 47.9 71.9#





#25

2-Butanone

Concen: 3.847 ug/l

RT: 7.191 min Scan# 899

Delta R.T. -0.018 min

Lab File: VD072771.D

Acq: 03 May 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

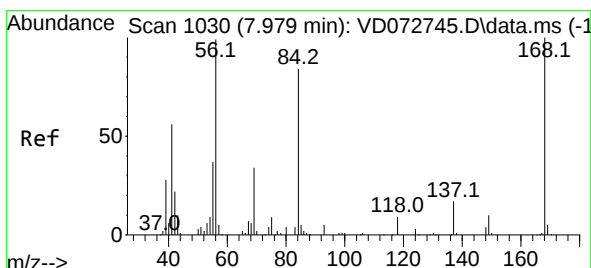
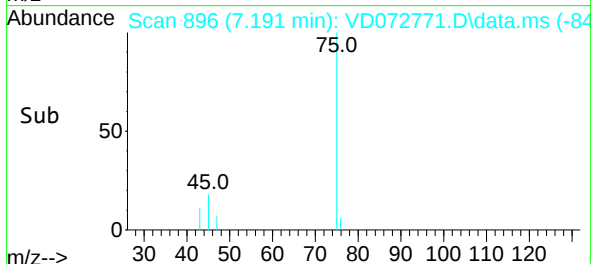
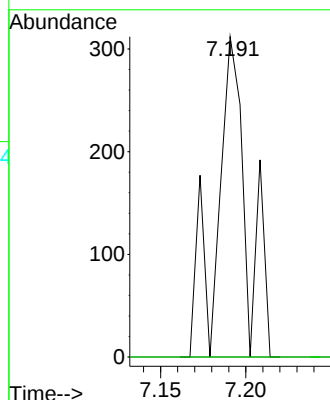
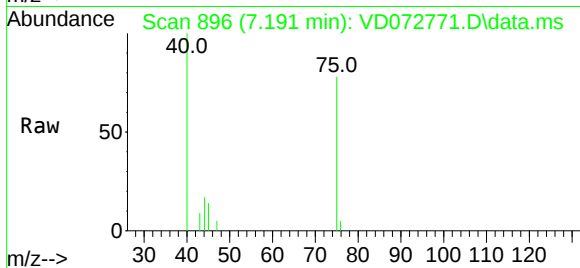
CL-01-050222

Tgt Ion: 43 Resp: 384

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#31

Cyclohexane

Concen: 1.084 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072771.D

Acq: 03 May 2022 16:48

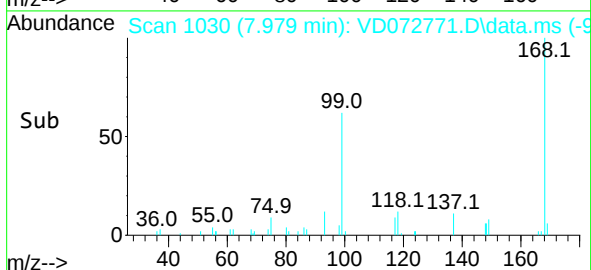
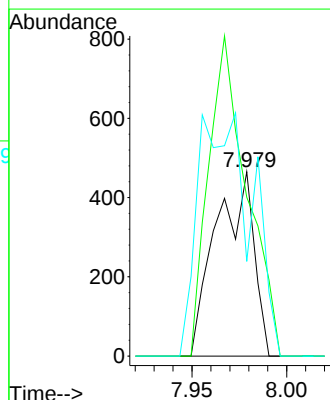
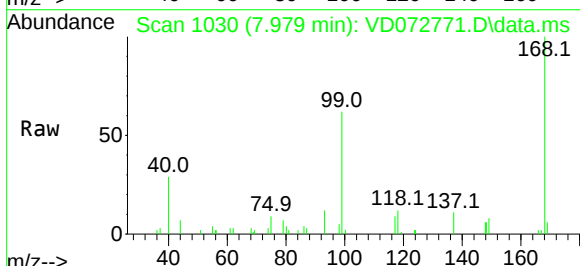
Tgt Ion: 56 Resp: 649

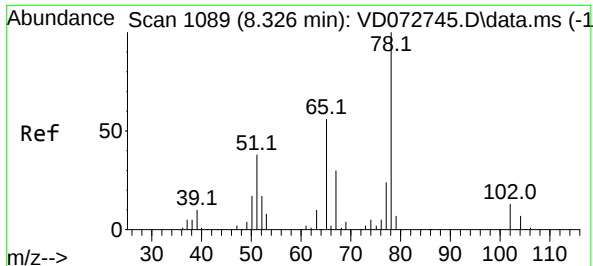
Ion Ratio Lower Upper

56 100

69 86.2 25.4 38.2#

84 51.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 87.642 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD072771.D

Acq: 03 May 2022 16:48

Instrument :

MSVOA_D

ClientSampleId :

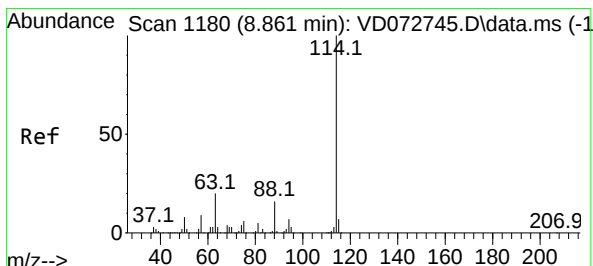
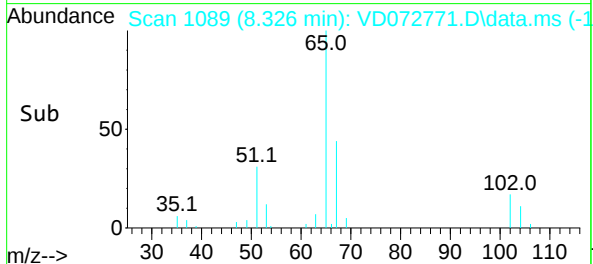
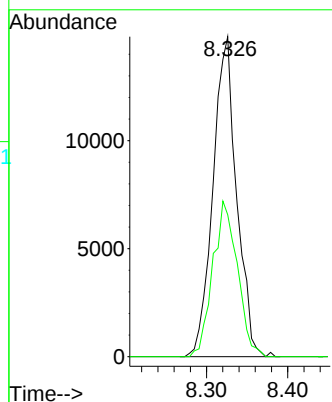
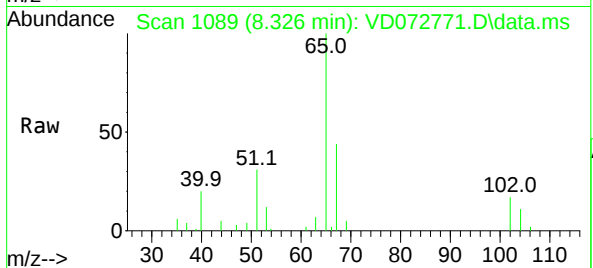
CL-01-050222

Tgt Ion: 65 Resp: 30023

Ion Ratio Lower Upper

65 100

67 50.6 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: VD072771.D

Acq: 03 May 2022 16:48

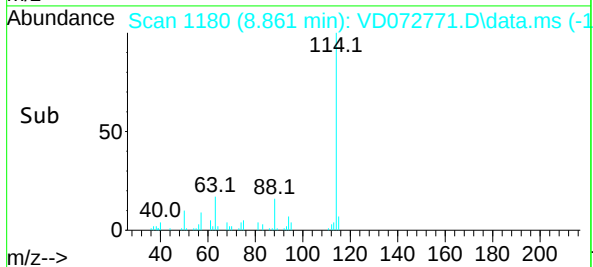
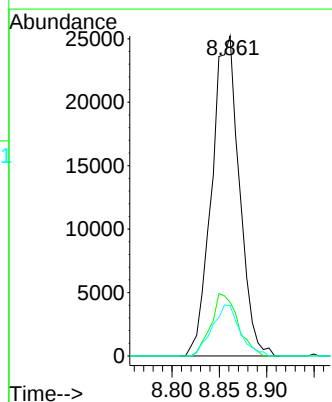
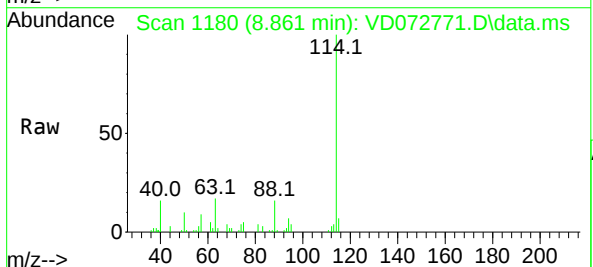
Tgt Ion: 114 Resp: 50912

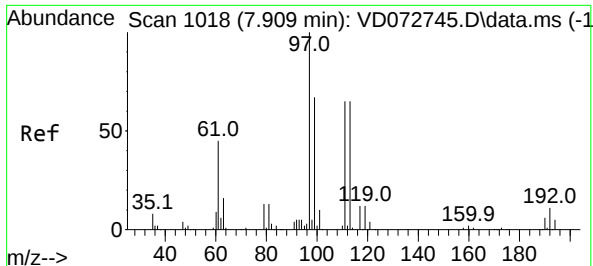
Ion Ratio Lower Upper

114 100

63 16.8 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 64.442 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.007 min

Lab File: VD072771.D

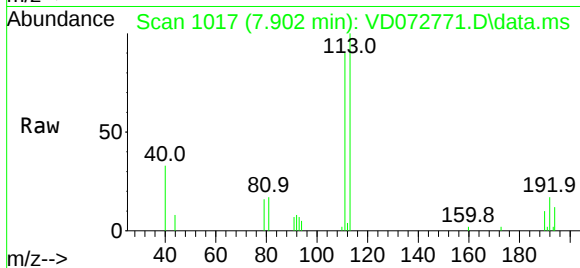
Acq: 03 May 2022 16:48

Instrument :

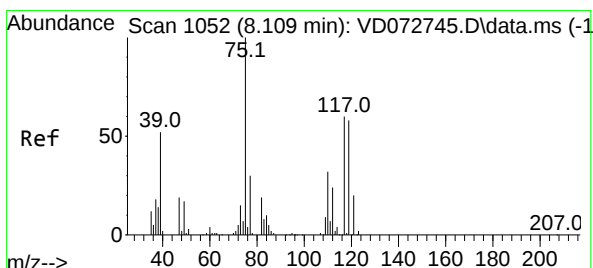
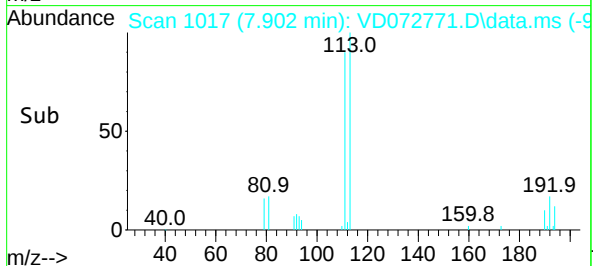
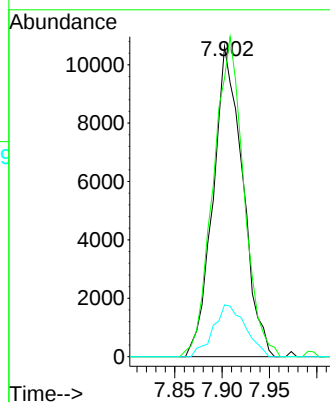
MSVOA_D

ClientSampleId :

CL-01-050222



Tgt Ion:	113	Resp:	23042
Ion	Ratio	Lower	Upper
113	100		
111	106.4	83.8	125.6
192	18.2	14.6	21.8



#36

1,1-Dichloropropene

Concen: 4.739 ug/l

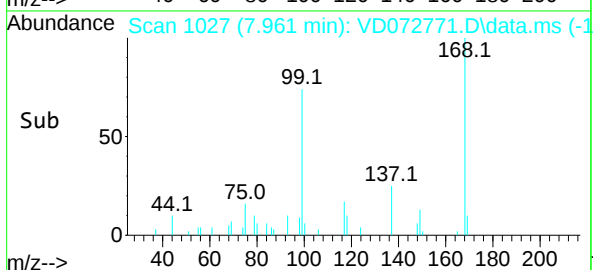
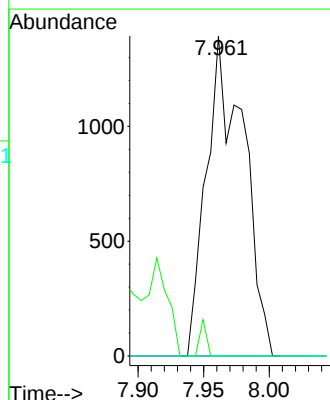
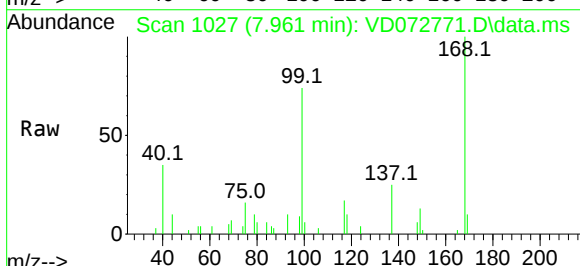
RT: 7.961 min Scan# 1027

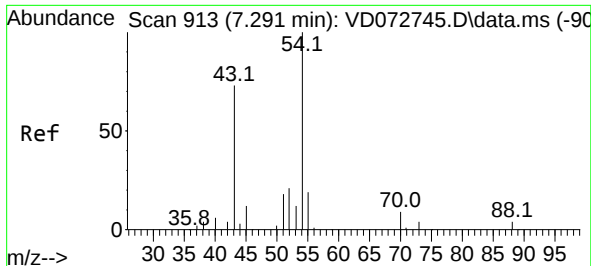
Delta R.T. -0.148 min

Lab File: VD072771.D

Acq: 03 May 2022 16:48

Tgt Ion:	75	Resp:	2755
Ion	Ratio	Lower	Upper
75	100		
110	2.0	16.4	49.1#
77	0.0	24.2	36.2#





#37

Ethyl Acetate

Concen: 1.437 ug/l

RT: 7.191 min Scan# 896

Delta R.T. -0.100 min

Lab File: VD072771.D

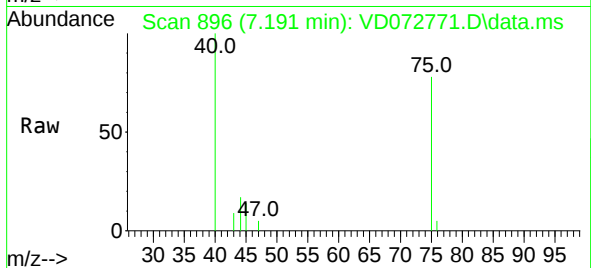
Acq: 03 May 2022 16:48

Instrument :

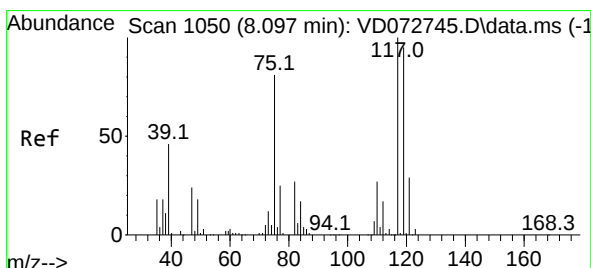
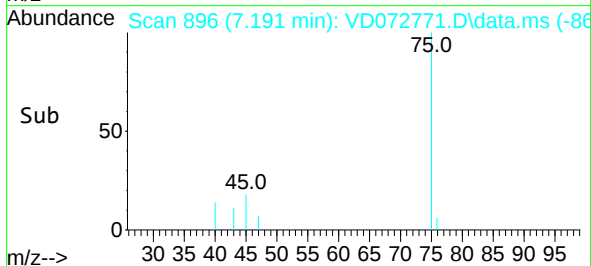
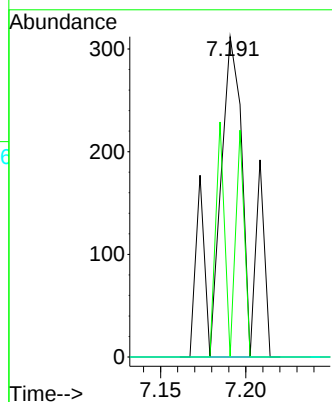
MSVOA_D

ClientSampleId :

CL-01-050222



Tgt Ion: 43	Resp: 384
Ion Ratio	Lower Upper
43	100
61	41.4 9.8 14.8#
70	0.0 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 5.030 ug/l

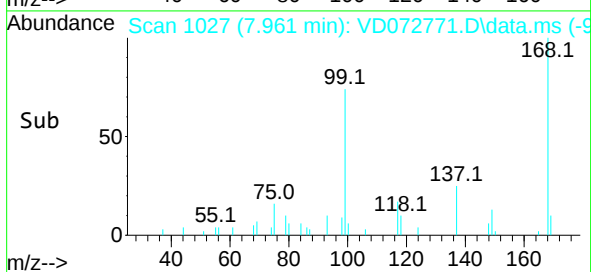
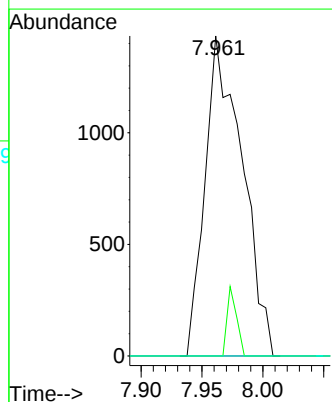
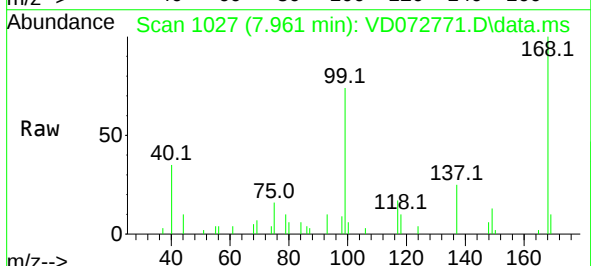
RT: 7.961 min Scan# 1027

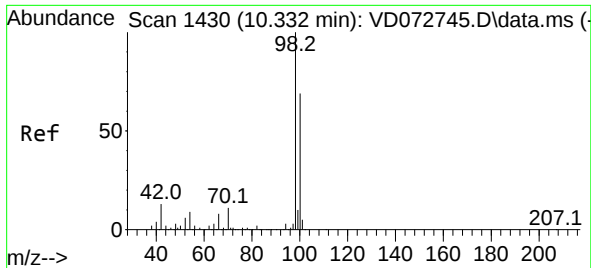
Delta R.T. -0.136 min

Lab File: VD072771.D

Acq: 03 May 2022 16:48

Tgt Ion: 117	Resp: 3036
Ion Ratio	Lower Upper
117	100
119	0.0 75.8 113.6#
121	0.0 24.5 36.7#

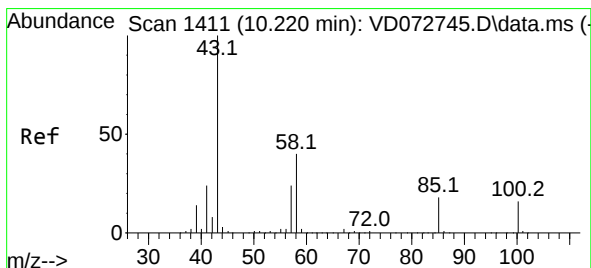
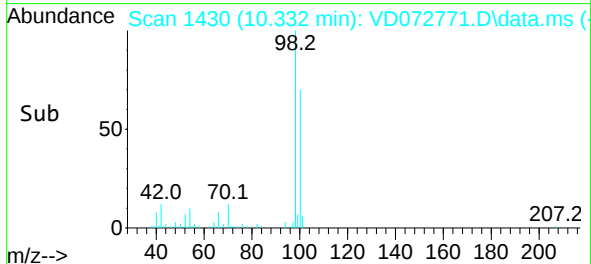
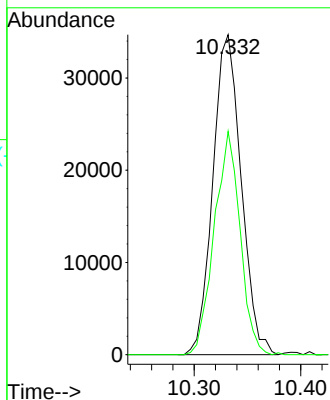
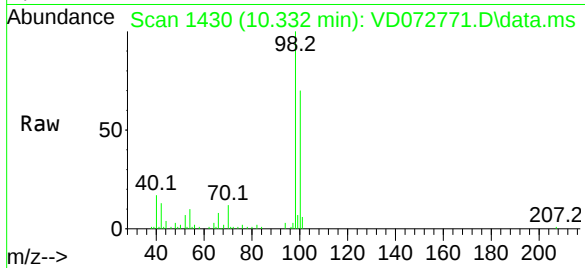




#50
Toluene-d8
Concen: 49.956 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

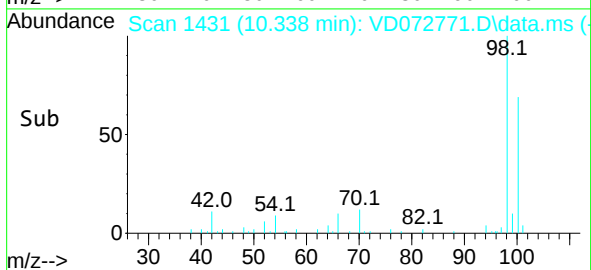
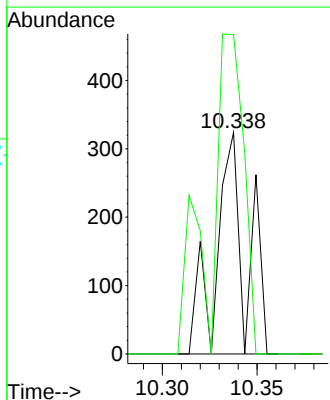
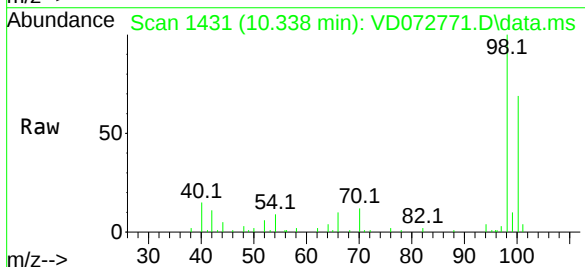
Instrument :
MSVOA_D
ClientSampleId :
CL-01-050222

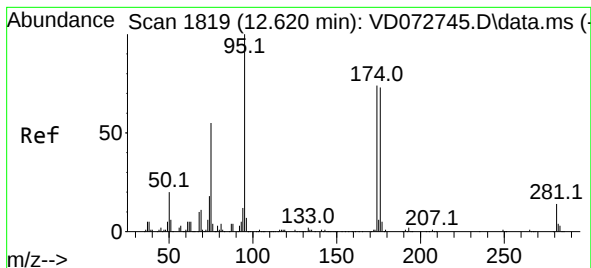
Tgt Ion: 98 Resp: 64074
Ion Ratio Lower Upper
98 100
100 63.6 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.373 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.118 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

Tgt Ion: 43 Resp: 352
Ion Ratio Lower Upper
43 100
58 164.5 28.6 43.0#

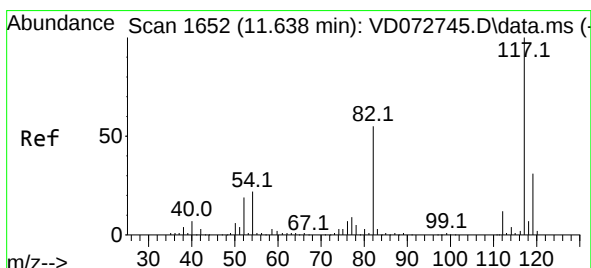
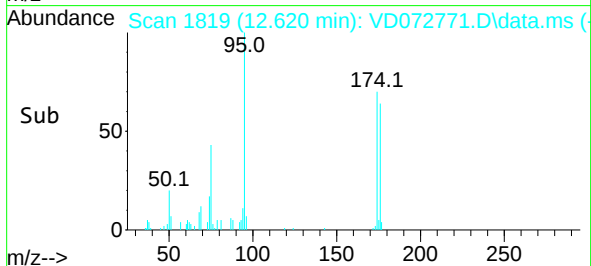
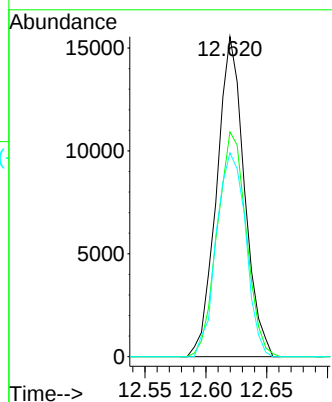
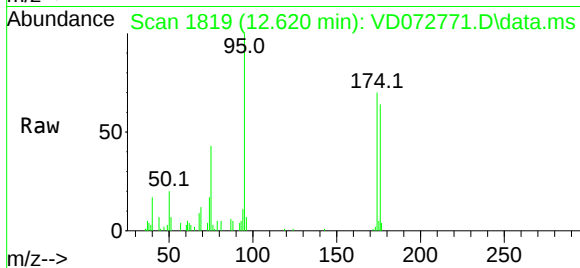




#62
4-Bromofluorobenzene
Concen: 51.492 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

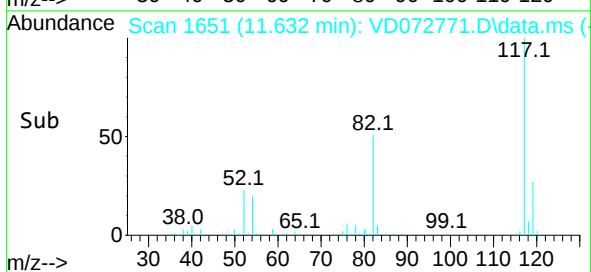
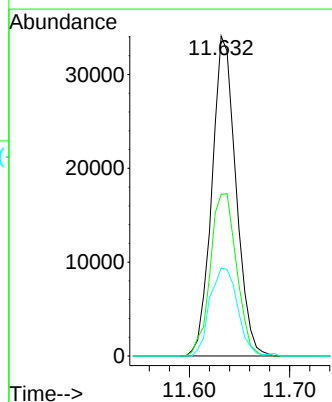
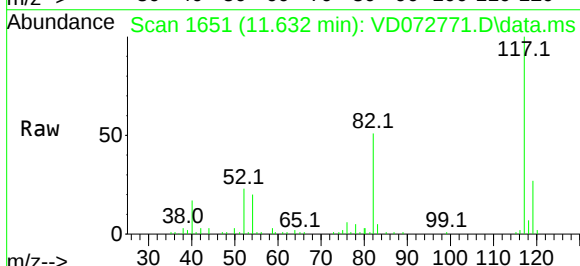
Instrument :
MSVOA_D
ClientSampleId :
CL-01-050222

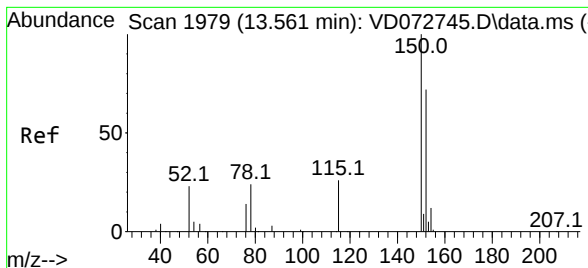
Tgt Ion: 95 Resp: 24626
Ion Ratio Lower Upper
95 100
174 73.4 0.0 152.8
176 67.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD072771.D
Acq: 03 May 2022 16:48

Tgt Ion: 117 Resp: 56891
Ion Ratio Lower Upper
117 100
82 50.5 45.3 67.9
119 27.5 26.6 40.0

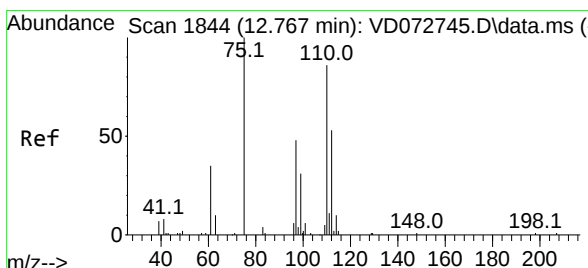
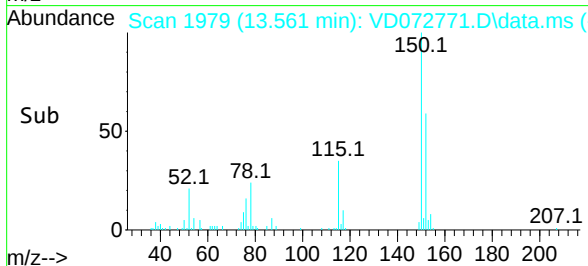
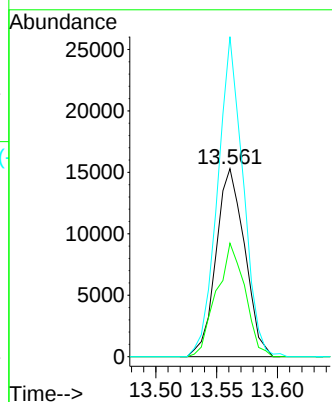
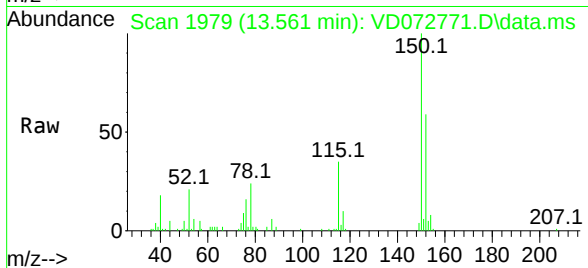




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.000 min
 Lab File: VD072771.D
 Acq: 03 May 2022 16:48

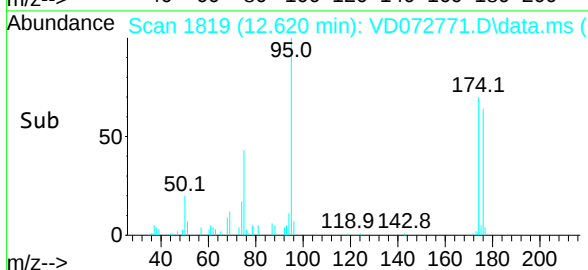
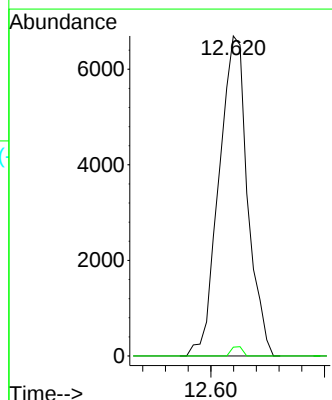
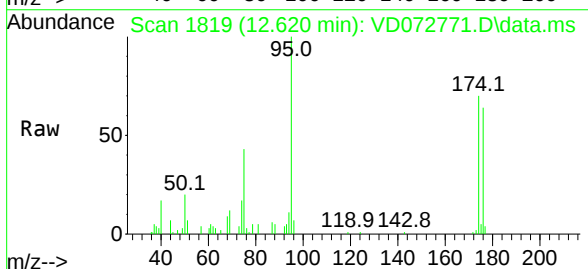
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-050222

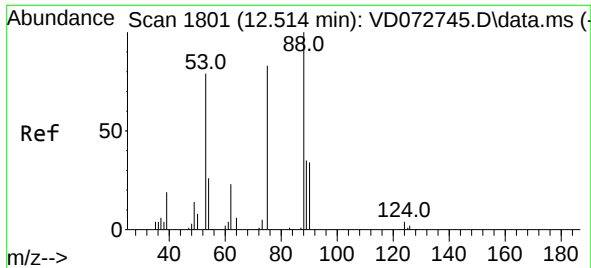
Tgt Ion:152 Resp: 25090
 Ion Ratio Lower Upper
 152 100
 115 59.9 31.3 93.8
 150 152.0 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 41.924 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072771.D
 Acq: 03 May 2022 16:48

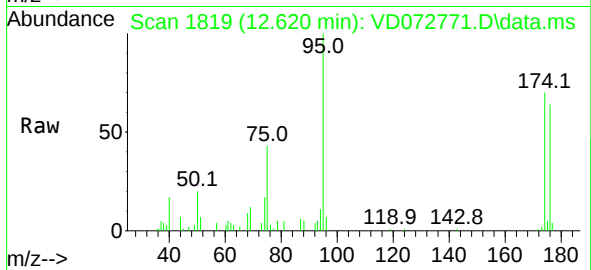
Tgt Ion: 75 Resp: 11729
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.408 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072771.D
 Acq: 03 May 2022 16:48

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-050222



Tgt Ion: 75 Resp: 11729
 Ion Ratio Lower Upper
 75 100
 53 0.5 86.5 129.7#
 89 0.0 33.9 50.9#

