

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062122\
 Data File : VD073646.D
 Acq On : 21 Jun 2022 15:23
 Operator : VA/SY
 Sample : N3428-01
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-062122

Quant Time: Jun 22 06:01:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 05:24:45 2022
 Response via : Initial Calibration

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

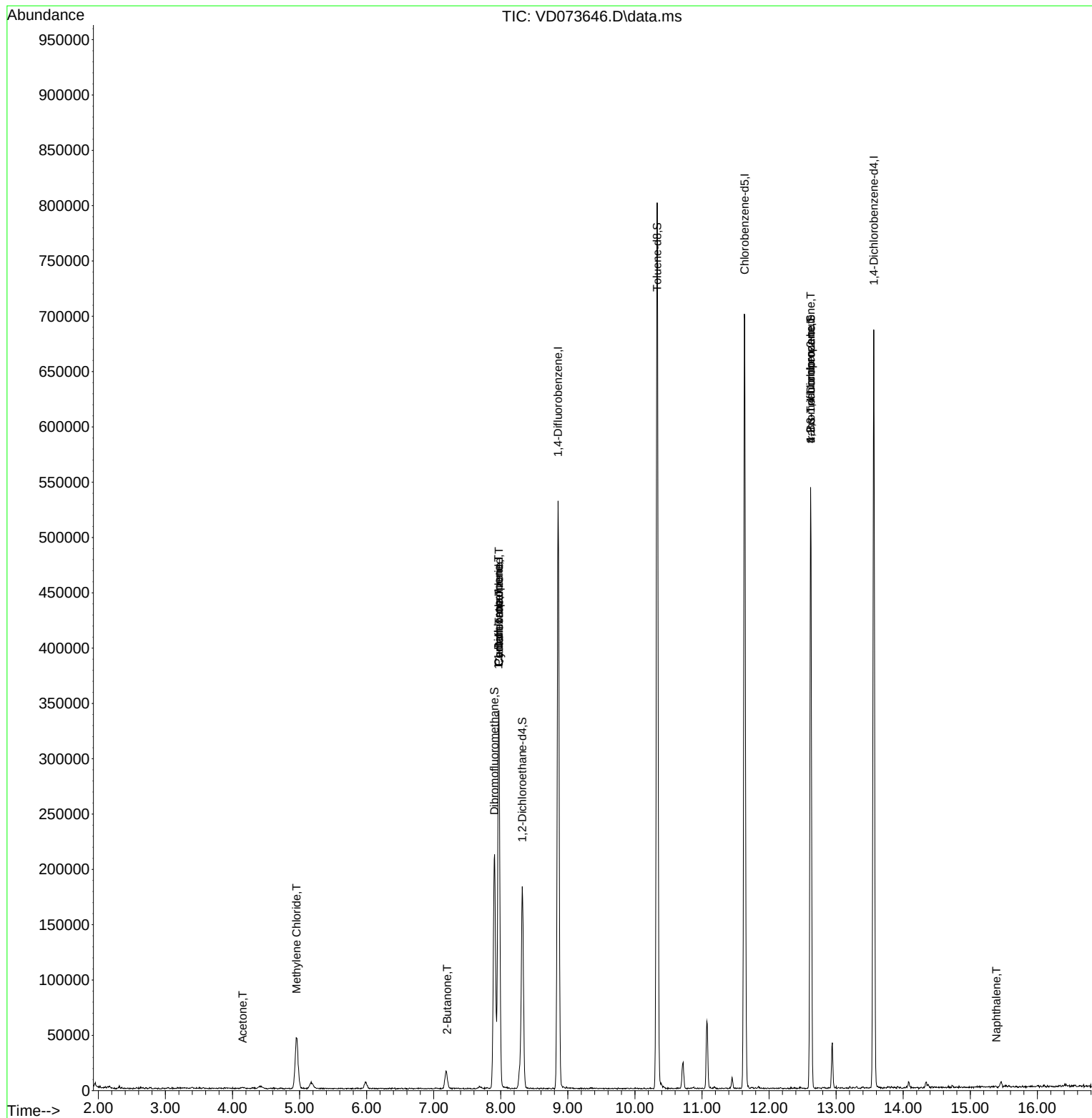
Internal Standards						
1) Pentafluorobenzene	7.973	168	253103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	456655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	421971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	189561	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	146026	50.142	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.280%	
35) Dibromofluoromethane	7.902	113	153381	46.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.600%	
50) Toluene-d8	10.332	98	546899	46.124	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.240%	
62) 4-Bromofluorobenzene	12.620	95	175186	40.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	388	Below Cal	#	40
5) Bromomethane	2.785	94	621	Below Cal	#	45
11) Tert butyl alcohol	5.179	59	5925	Below Cal	#	76
16) Acetone	4.150	43	2190	4.730	ug/l #	87
18) Methyl Acetate	4.449	43	281	Below Cal	#	48
20) Methylene Chloride	4.955	84	36544	7.459	ug/l	95
25) 2-Butanone	7.202	43	813	1.206	ug/l #	44
31) Cyclohexane	7.973	56	6075	1.371	ug/l #	29
36) 1,1-Dichloropropene	7.967	75	20537	4.426	ug/l #	47
38) Carbon Tetrachloride	7.973	117	26244	4.980	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	91896	50.089	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	91896	115.595	ug/l #	14
95) Naphthalene	15.390	128	573	2.768	ug/l #	69

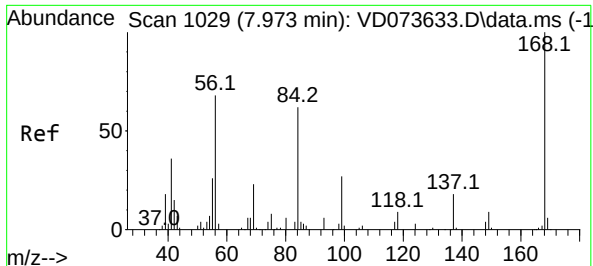
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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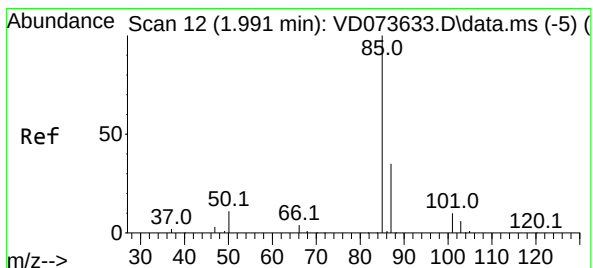
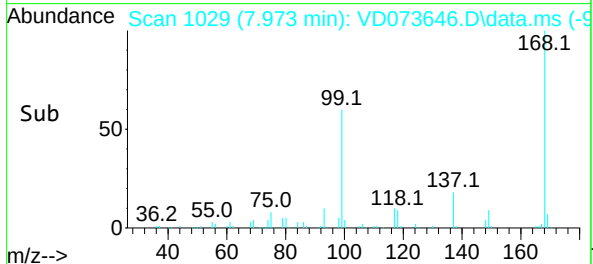
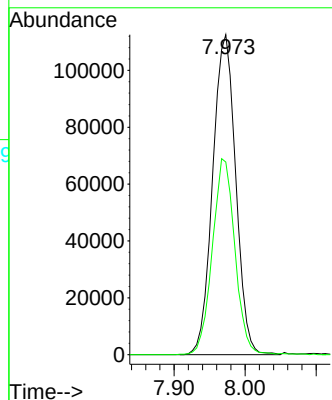
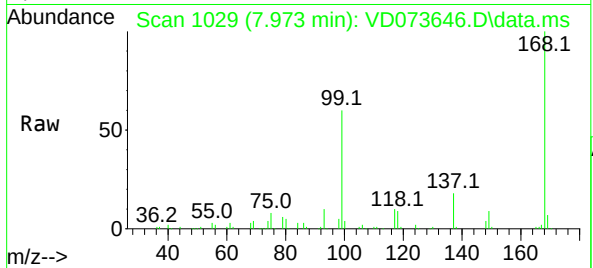




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

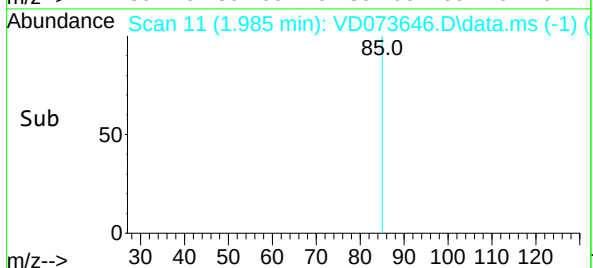
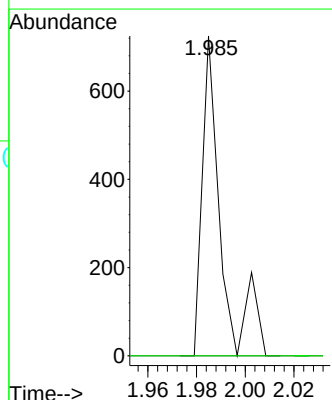
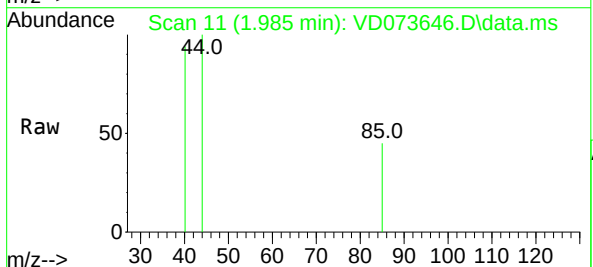
Instrument :
MSVOA_D
ClientSampleId :
CL-01-062122

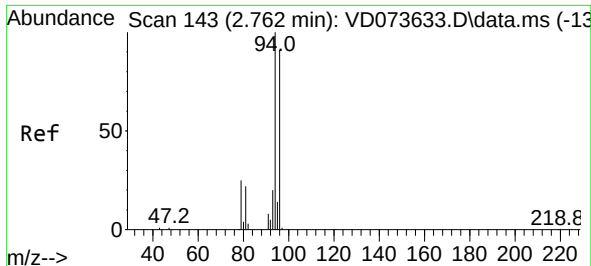
Tgt Ion:168 Resp: 253103
Ion Ratio Lower Upper
168 100
99 60.0 47.4 71.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

Tgt Ion: 85 Resp: 388
Ion Ratio Lower Upper
85 100
87 0.0 17.4 52.2#

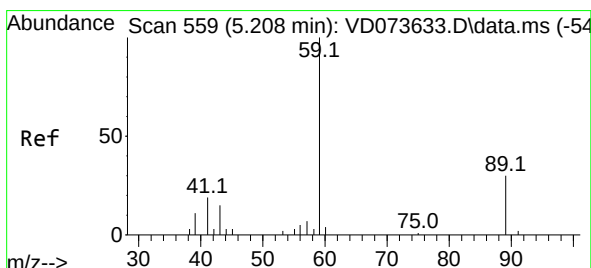
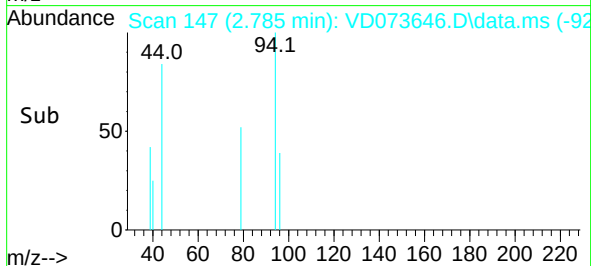
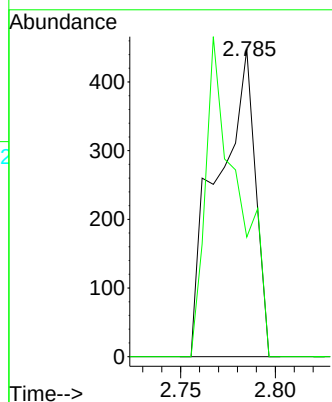
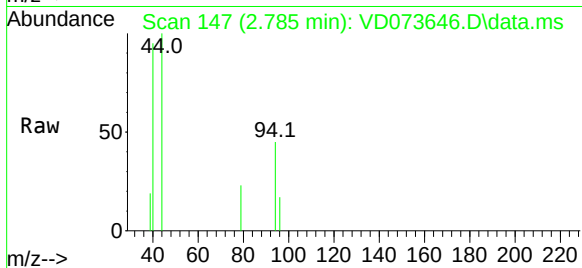




#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 14
Delta R.T. 0.023 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

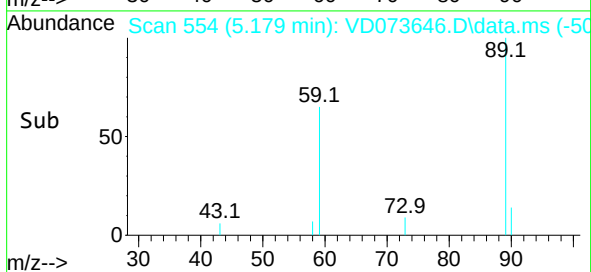
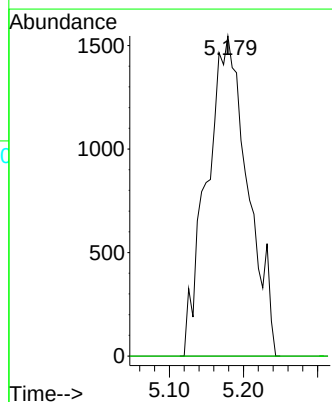
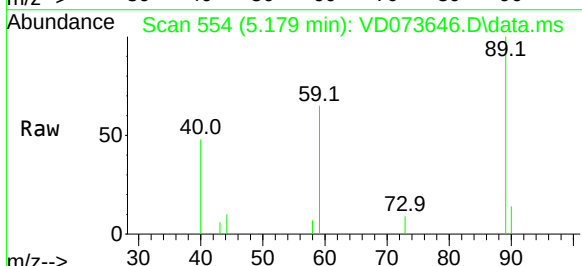
Instrument :
MSVOA_D
ClientSampleId :
CL-01-062122

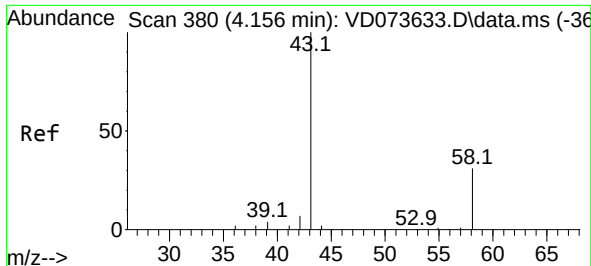
Tgt Ion: 94 Resp: 621
Ion Ratio Lower Upper
94 100
96 38.8 72.6 108.8#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.179 min Scan# 554
Delta R.T. -0.029 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

Tgt Ion: 59 Resp: 5925
Ion Ratio Lower Upper
59 100
57 0.0 6.7 10.1#

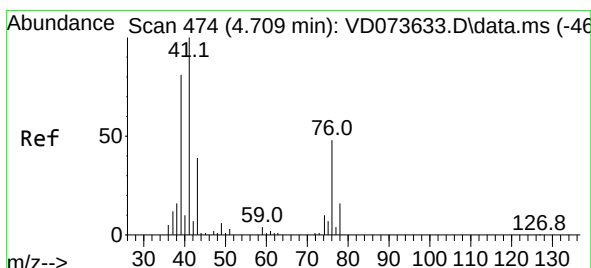
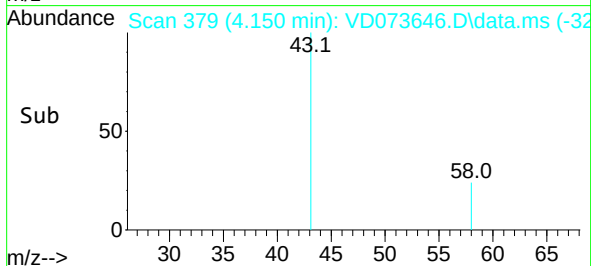
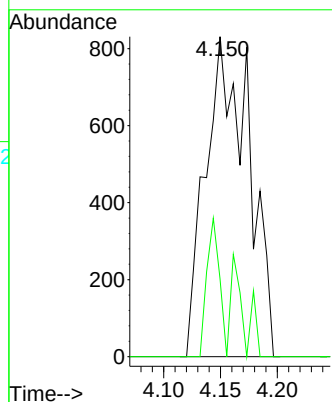
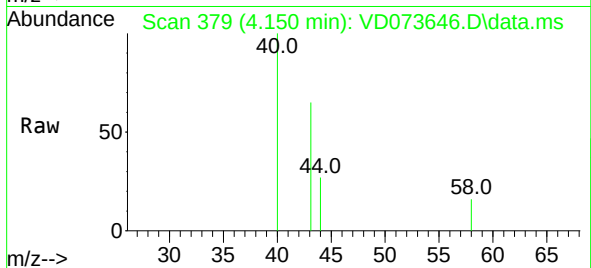




#16
Acetone
Concen: 4.730 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

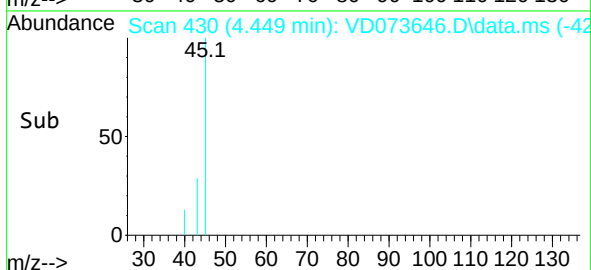
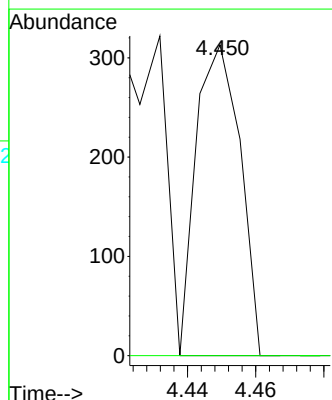
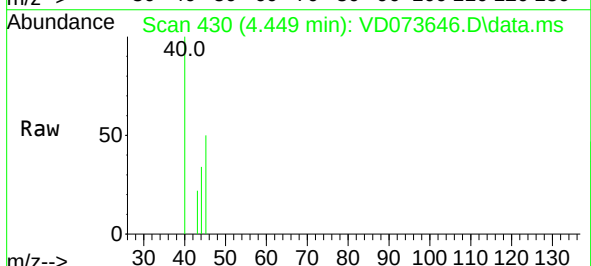
Instrument :
MSVOA_D
ClientSampleId :
CL-01-062122

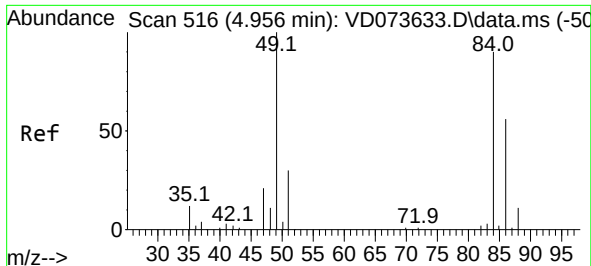
Tgt Ion: 43 Resp: 2190
Ion Ratio Lower Upper
43 100
58 24.3 25.0 37.4#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.449 min Scan# 430
Delta R.T. -0.260 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

Tgt Ion: 43 Resp: 281
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#





#20

Methylene Chloride

Concen: 7.459 ug/l

RT: 4.955 min Scan# 516

Delta R.T. -0.001 min

Lab File: VD073646.D

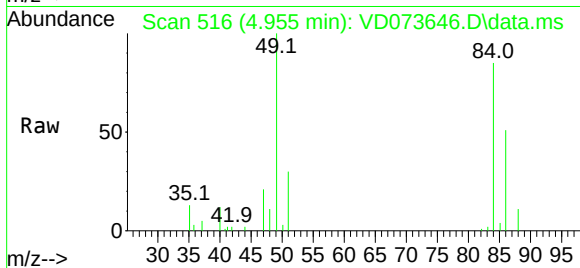
Acq: 21 Jun 2022 15:23

Instrument :

MSVOA_D

ClientSampleId :

CL-01-062122



Tgt Ion: 84 Resp: 36544

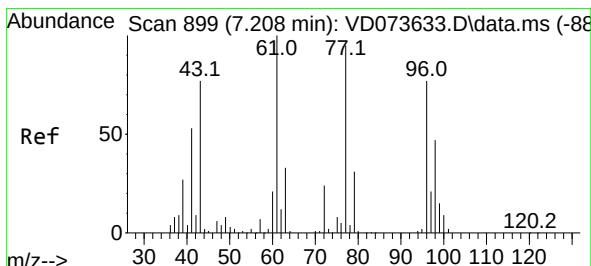
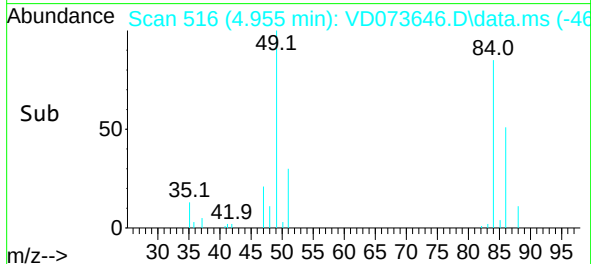
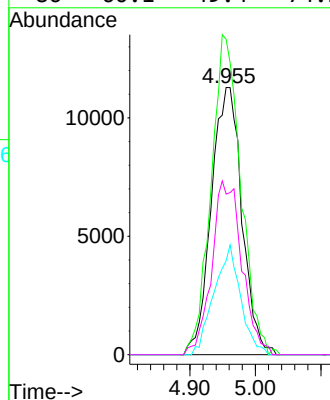
Ion Ratio Lower Upper

84 100

49 118.0 89.0 133.6

51 35.1 26.7 40.1

86 60.1 49.4 74.2



#25

2-Butanone

Concen: 1.206 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD073646.D

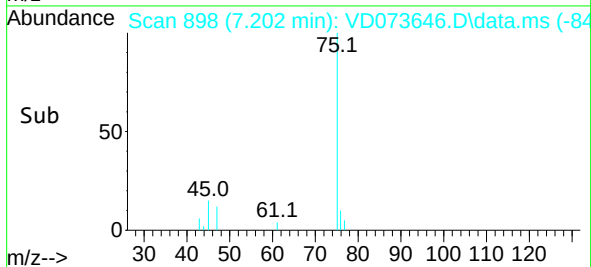
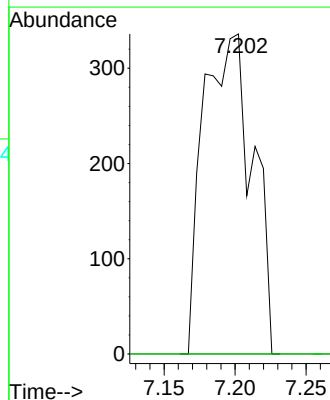
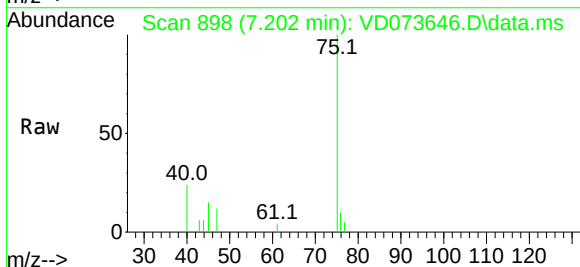
Acq: 21 Jun 2022 15:23

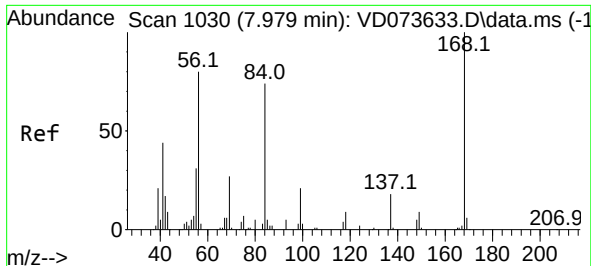
Tgt Ion: 43 Resp: 813

Ion Ratio Lower Upper

43 100

72 0.0 24.7 37.1#

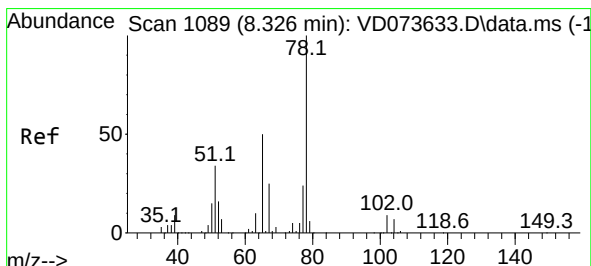
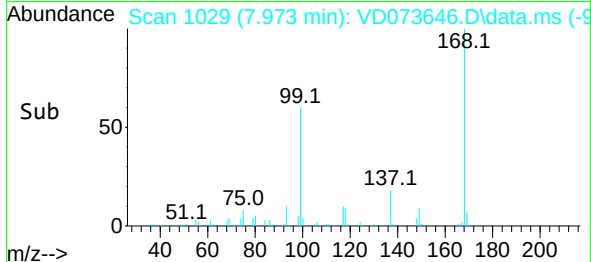
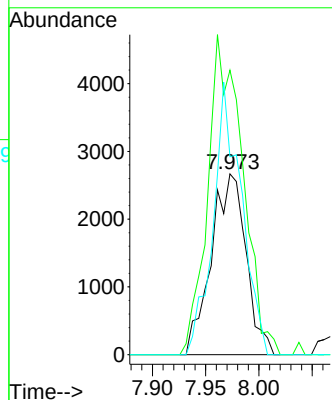
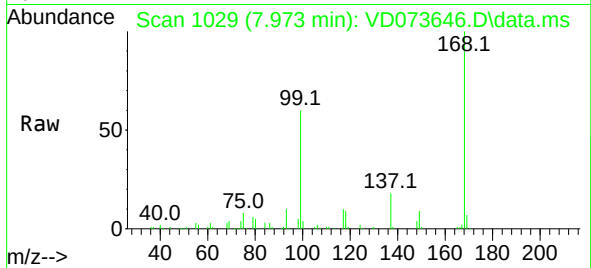




#31
Cyclohexane
Concen: 1.371 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

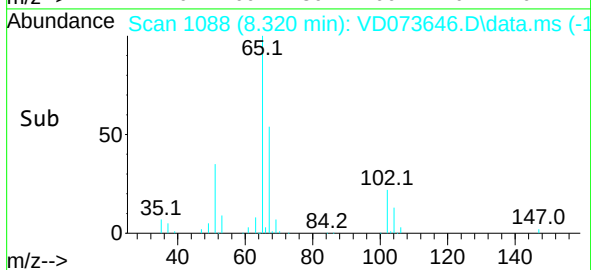
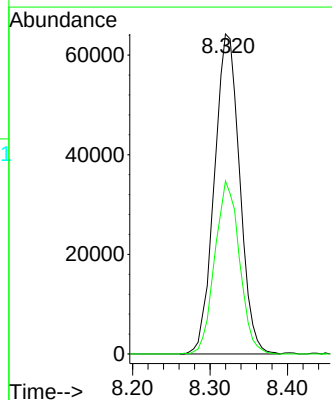
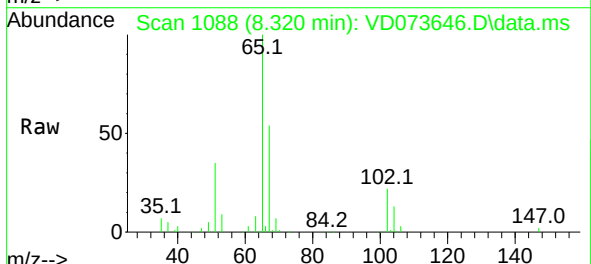
Instrument :
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CL-01-062122

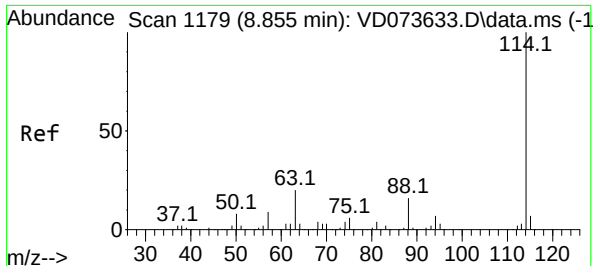
Tgt Ion: 56 Resp: 6075
Ion Ratio Lower Upper
56 100
69 157.3 26.9 40.3#
84 109.4 73.8 110.8



#33
1,2-Dichloroethane-d4
Concen: 50.142 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

Tgt Ion: 65 Resp: 146026
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.8

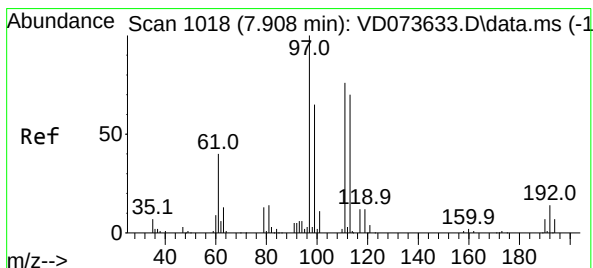
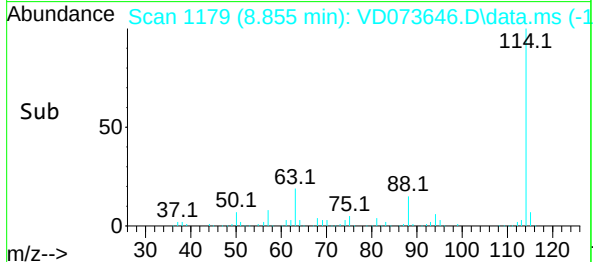
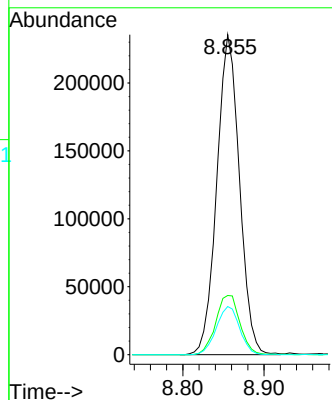
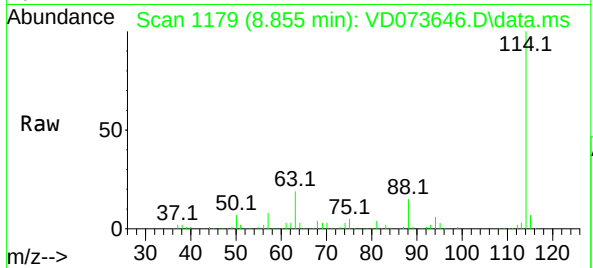




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

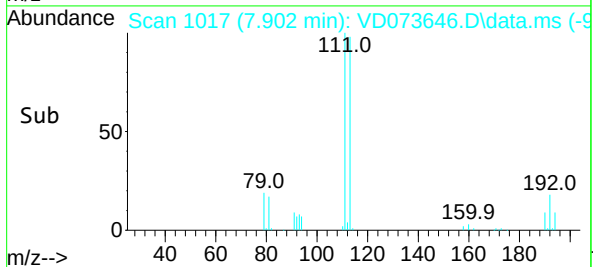
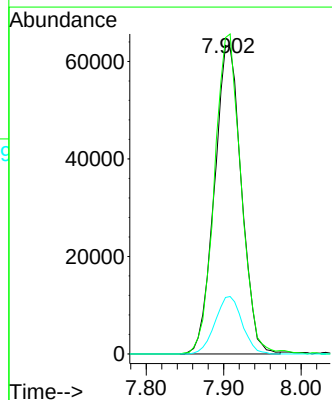
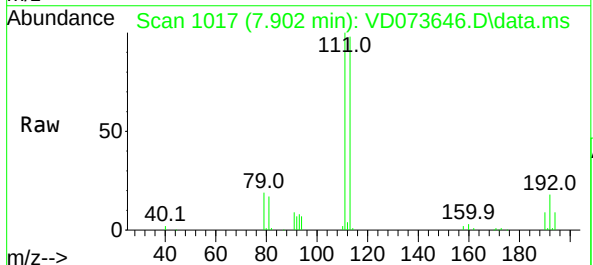
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MSVOA_D
ClientSampleId :
CL-01-062122

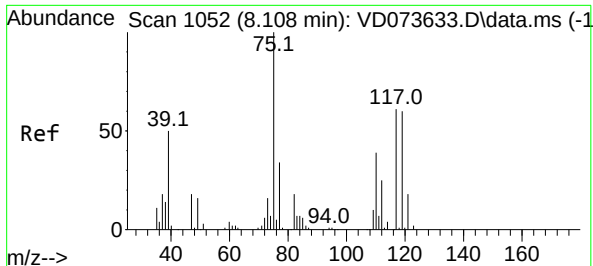
Tgt Ion:114 Resp: 456655
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.4
88 15.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 46.300 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

Tgt Ion:113 Resp: 153381
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 18.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.426 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.141 min

Lab File: VD073646.D

Acq: 21 Jun 2022 15:23

Instrument :

MSVOA_D

ClientSampleId :

CL-01-062122

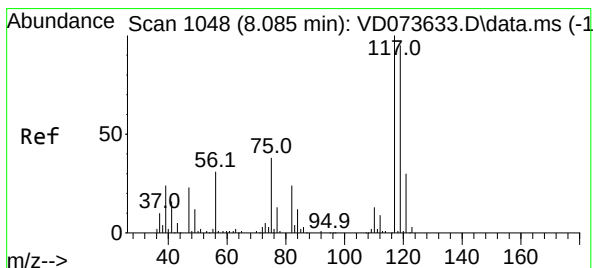
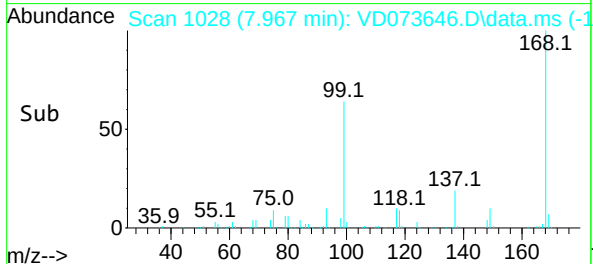
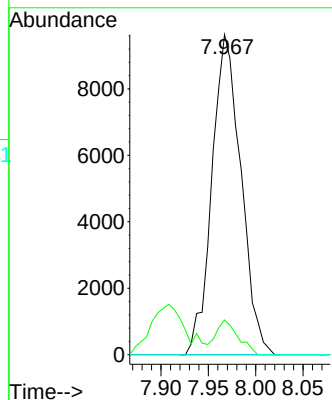
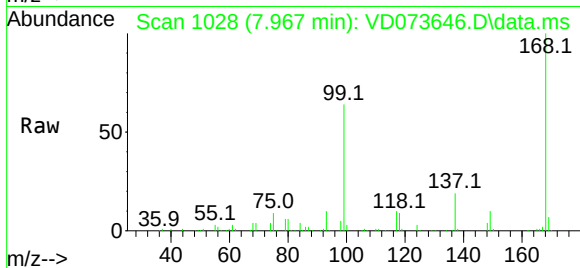
Tgt Ion: 75 Resp: 20537

Ion Ratio Lower Upper

75 100

110 8.2 18.4 55.4#

77 0.0 25.7 38.5#



#38

Carbon Tetrachloride

Concen: 4.980 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.112 min

Lab File: VD073646.D

Acq: 21 Jun 2022 15:23

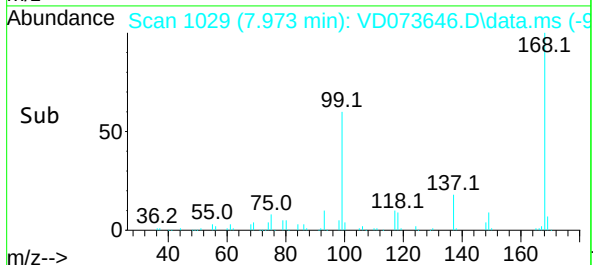
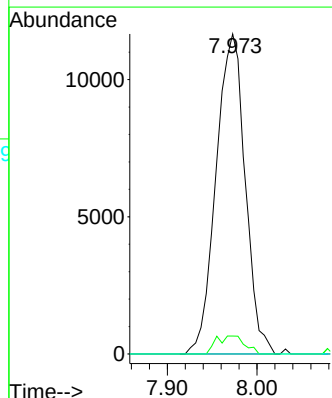
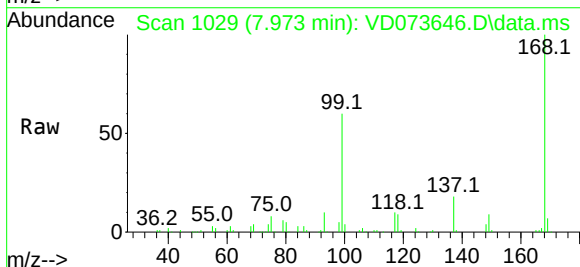
Tgt Ion: 117 Resp: 26244

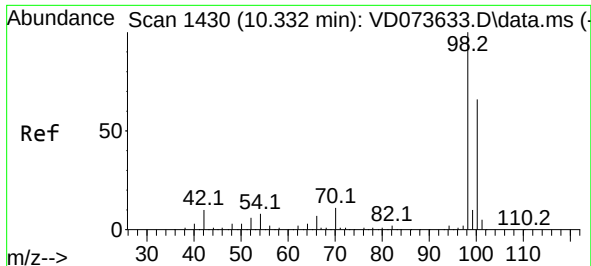
Ion Ratio Lower Upper

117 100

119 5.6 75.6 113.4#

121 0.0 24.2 36.4#

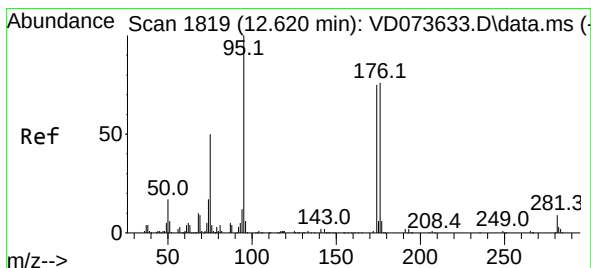
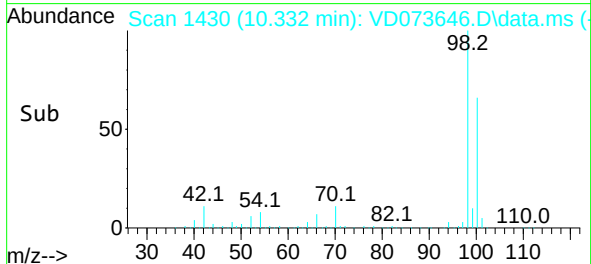
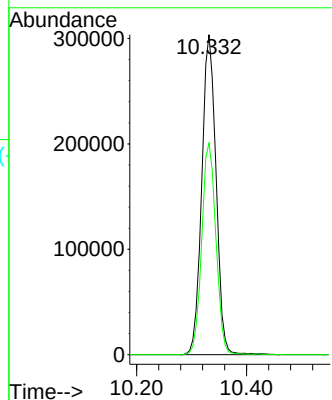
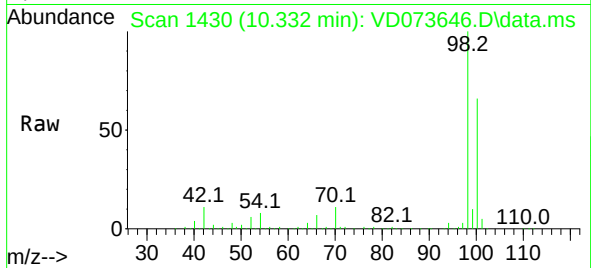




#50
Toluene-d8
Concen: 46.124 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

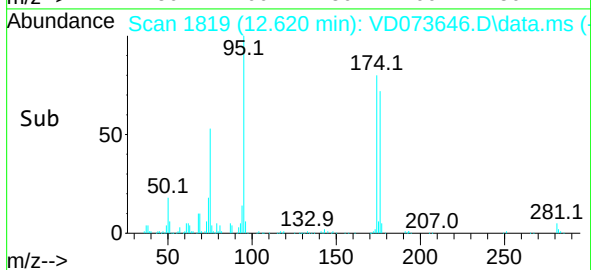
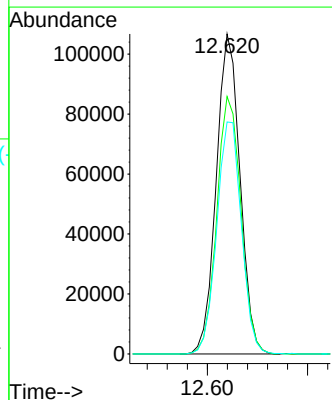
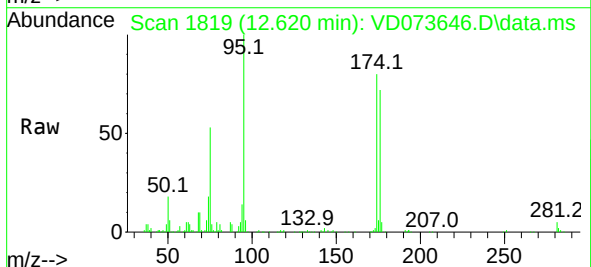
Instrument :
MSVOA_D
ClientSampleId :
CL-01-062122

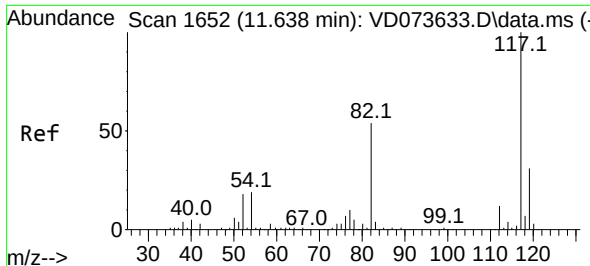
Tgt Ion: 98 Resp: 546899
Ion Ratio Lower Upper
98 100
100 65.8 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 40.288 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

Tgt Ion: 95 Resp: 175186
Ion Ratio Lower Upper
95 100
174 81.9 0.0 156.4
176 75.4 0.0 151.8

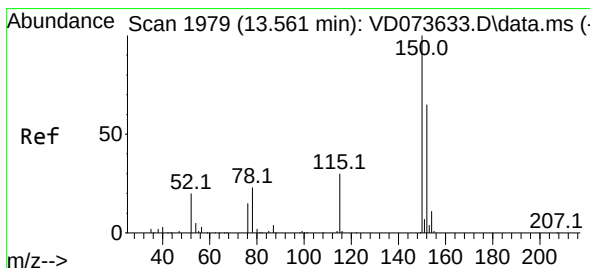
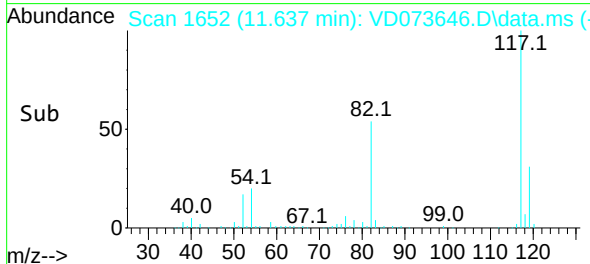
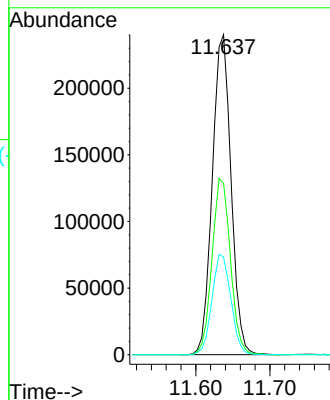
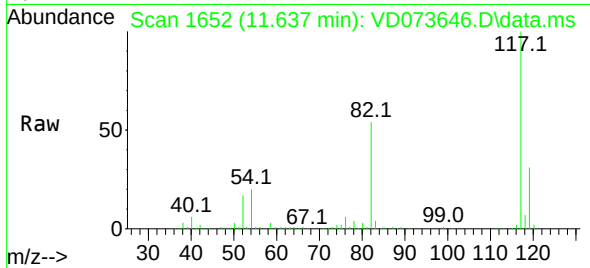




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

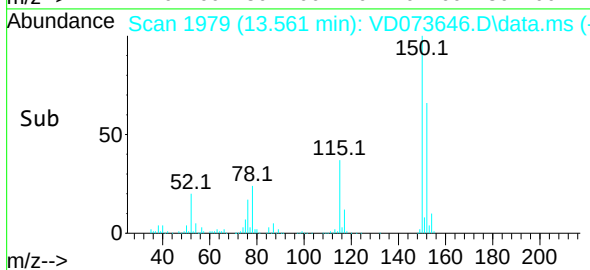
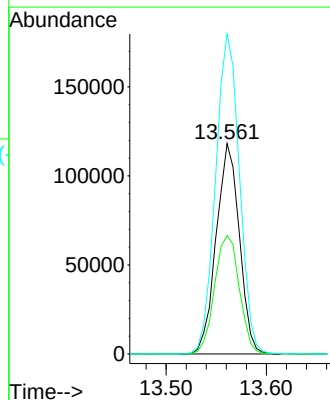
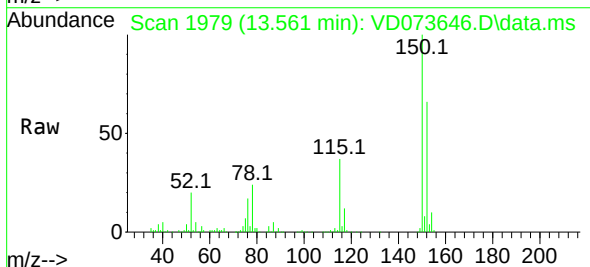
Instrument :
MSVOA_D
ClientSampleId :
CL-01-062122

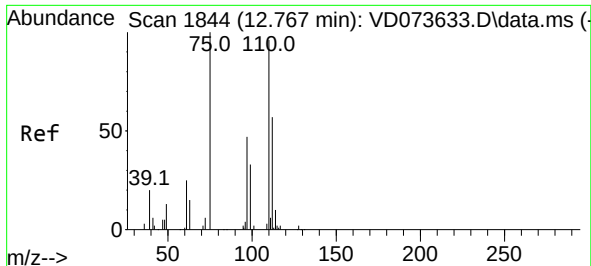
Tgt Ion:117 Resp: 421971
Ion Ratio Lower Upper
117 100
82 53.6 43.0 64.4
119 30.6 24.5 36.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

Tgt Ion:152 Resp: 189561
Ion Ratio Lower Upper
152 100
115 60.1 29.6 88.9
150 156.8 0.0 351.2

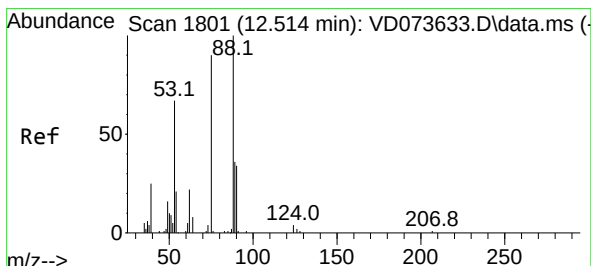
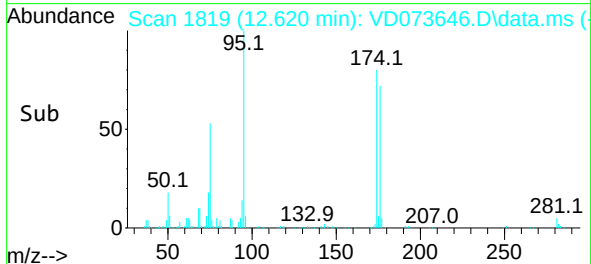
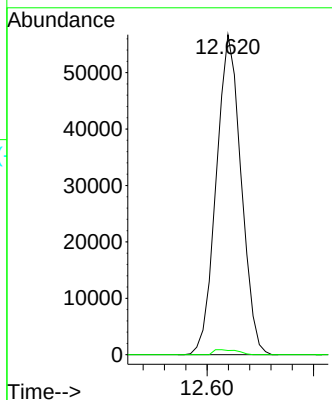
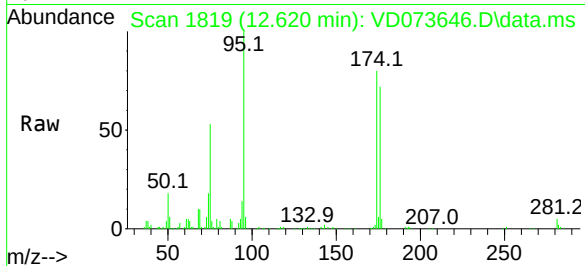




#76
1,2,3-Trichloropropane
Concen: 50.089 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

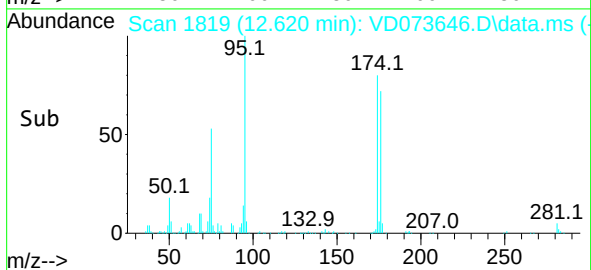
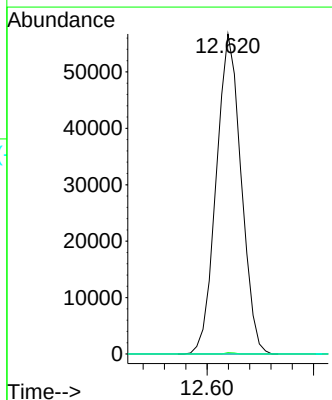
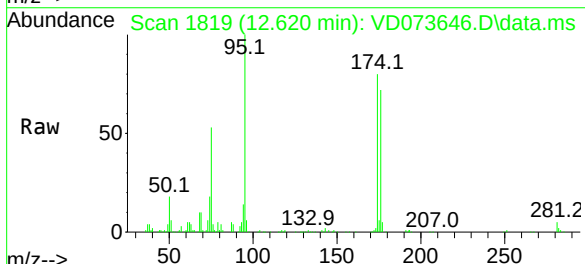
Instrument :
MSVOA_D
ClientSampleId :
CL-01-062122

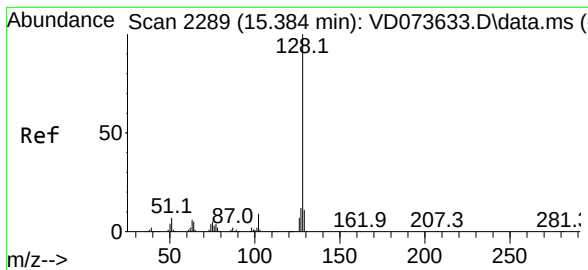
Tgt Ion: 75 Resp: 91896
Ion Ratio Lower Upper
75 100
77 1.5 208.9 626.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 115.595 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

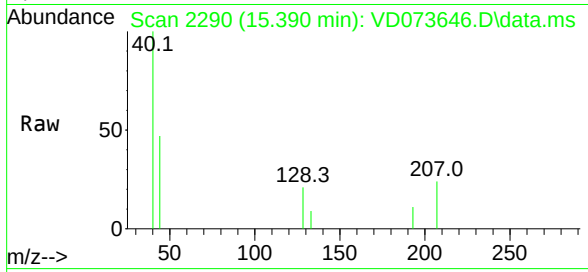
Tgt Ion: 75 Resp: 91896
Ion Ratio Lower Upper
75 100
53 0.1 70.5 105.7#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 2.768 ug/l
RT: 15.390 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073646.D
Acq: 21 Jun 2022 15:23

Instrument :
MSVOA_D
ClientSampleId :
CL-01-062122



Tgt Ion:	128	Resp:	573
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	9.0	13.6#

