

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053122\
 Data File : VD073427.D
 Acq On : 31 May 2022 16:12
 Operator : VA/SY
 Sample : N3072-01RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 31 17:43:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

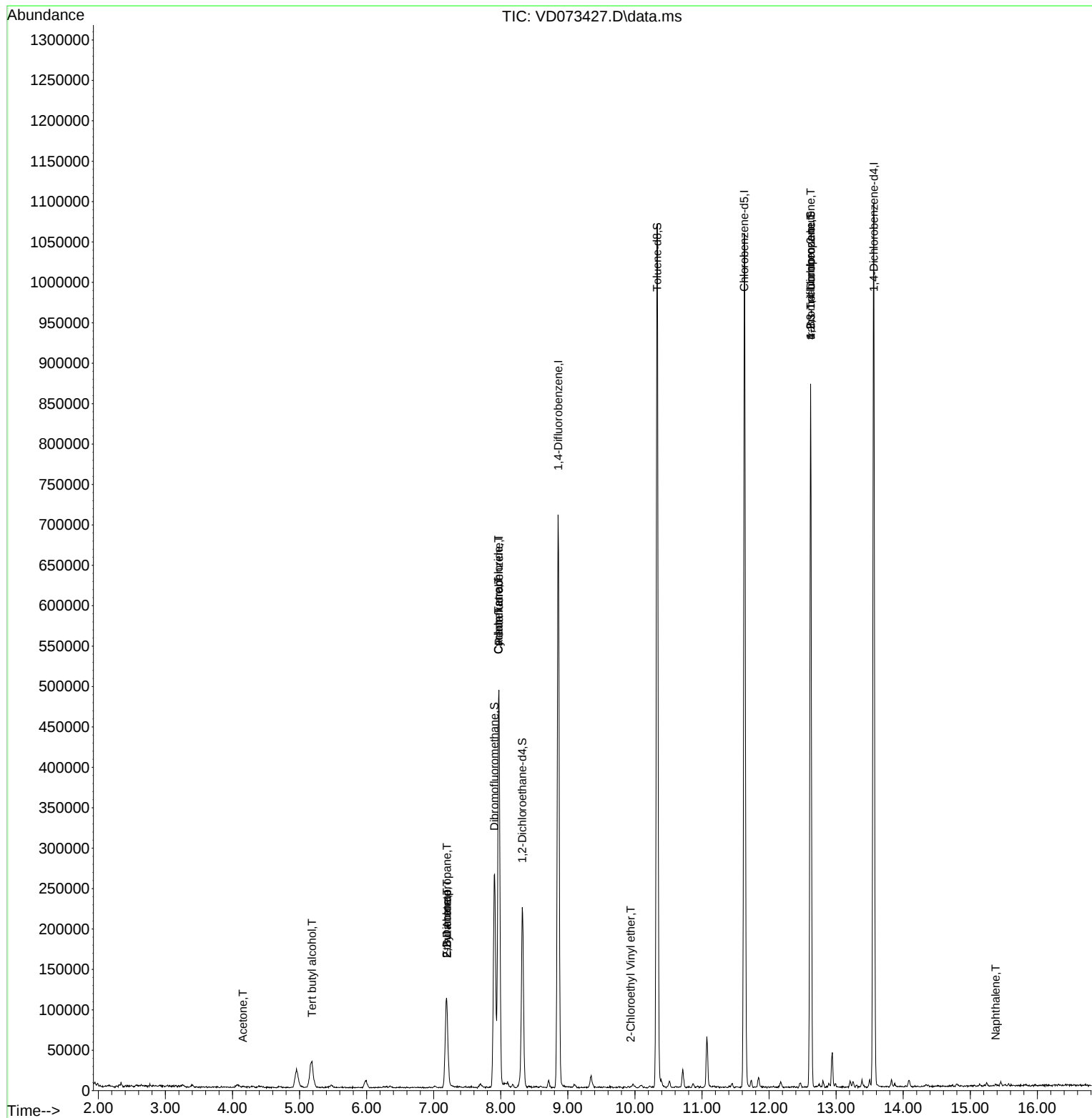
Internal Standards						
1) Pentafluorobenzene	7.973	168	359903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	612492	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	620655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287740	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	168921	42.470	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.940%		
35) Dibromofluoromethane	7.902	113	196876	48.712	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.420%		
50) Toluene-d8	10.332	98	734573	49.305	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.620%		
62) 4-Bromofluorobenzene	12.620	95	282706	54.070	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.140%		
Target Compounds						Qvalue
5) Bromomethane	2.767	94	1421	Below Cal		98
11) Tert butyl alcohol	5.185	59	29427	47.686 ug/l #		75
13) Acrolein	3.691	56	63	Below Cal #		14
16) Acetone	4.156	43	2861	4.153 ug/l		99
20) Methylene Chloride	4.956	84	17333	Below Cal #		81
25) 2-Butanone	7.197	43	5918	5.871 ug/l #		84
26) 2,2-Dichloropropane	7.197	77	10184	1.520 ug/l #		54
31) Cyclohexane	7.967	56	10512	1.512 ug/l #		1
37) Ethyl Acetate	7.197	43	5918	2.465 ug/l #		1
38) Carbon Tetrachloride	7.967	117	37967	6.162 ug/l #		16
58) 2-Chloroethyl Vinyl ether	9.938	63	493	21.881 ug/l #		48
76) 1,2,3-Trichloropropane	12.620	75	142201	50.368 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.620	75	142201	120.919 ug/l #		7
95) Naphthalene	15.379	128	2300	3.768 ug/l #		78

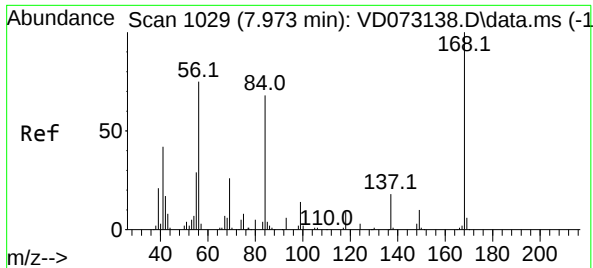
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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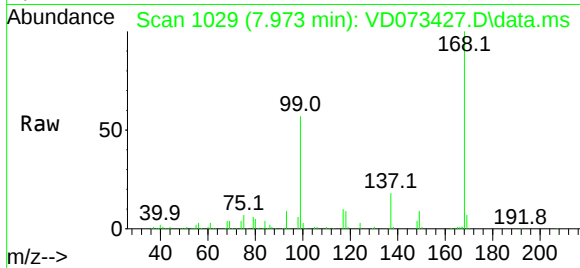
Quant Time: May 31 17:43:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



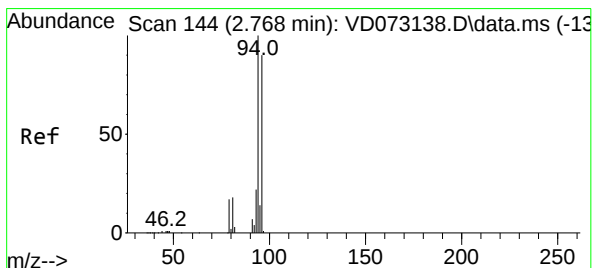
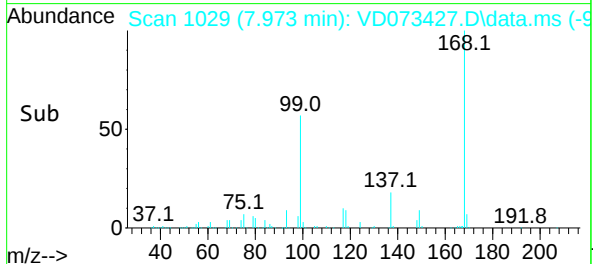
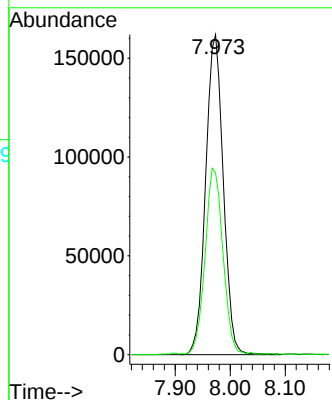


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :

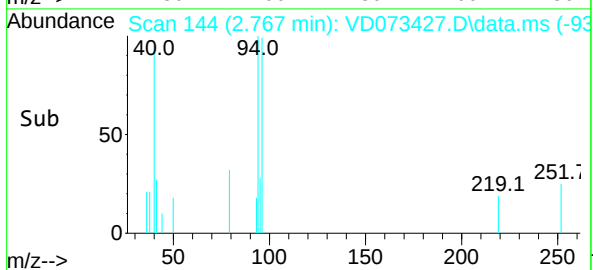
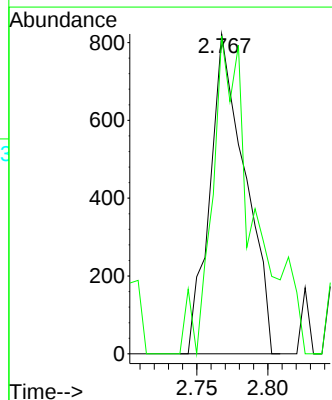
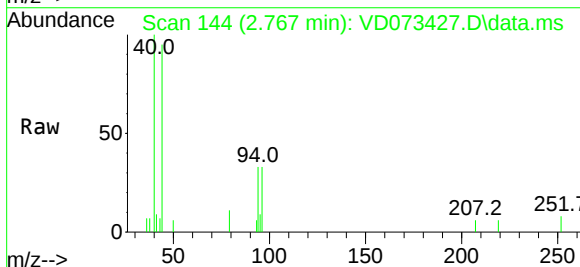


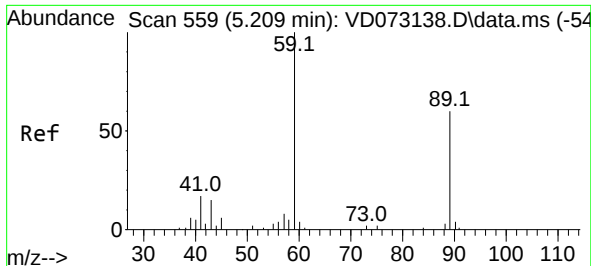
Tgt Ion:168 Resp: 359903
Ion Ratio Lower Upper
168 100
99 56.5 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.767 min Scan# 144
Delta R.T. -0.001 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

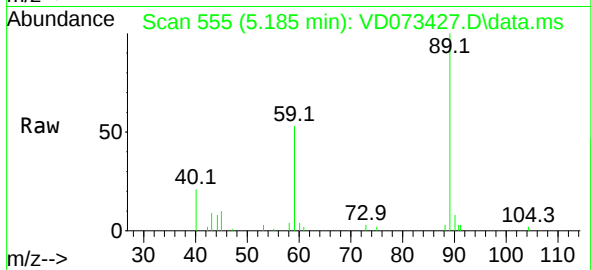
Tgt Ion: 94 Resp: 1421
Ion Ratio Lower Upper
94 100
96 99.4 77.6 116.4



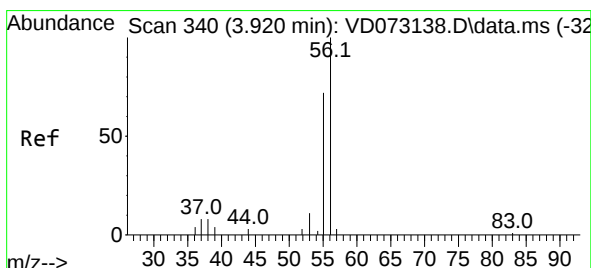
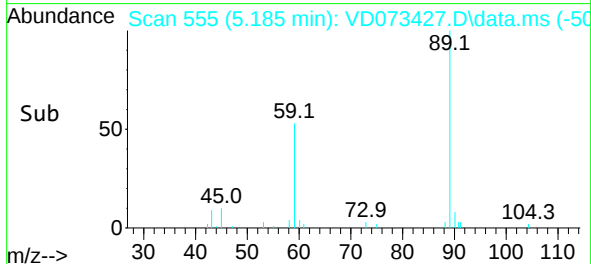
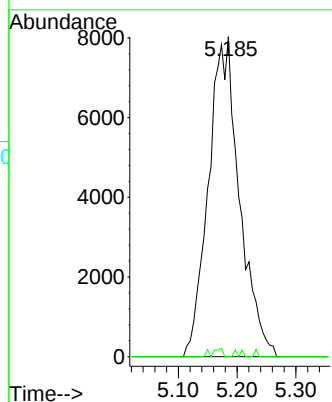


#11
Tert butyl alcohol
Concen: 47.686 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :

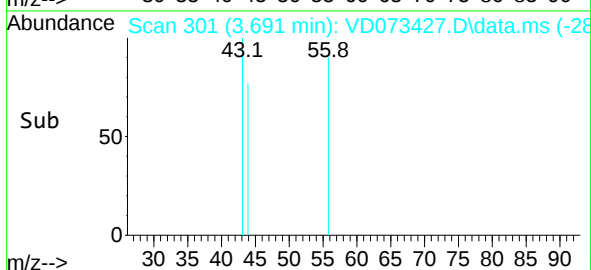
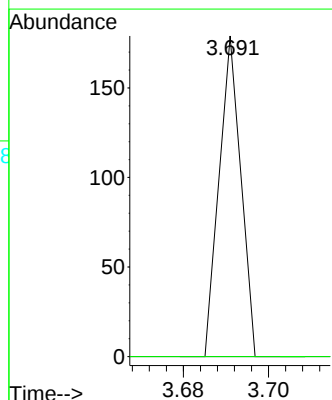
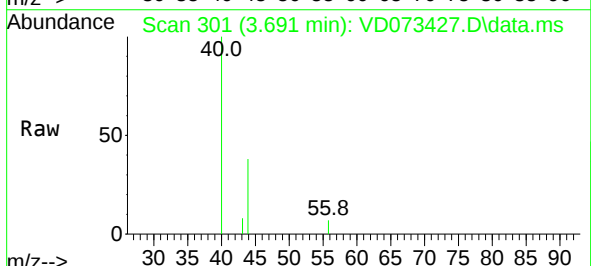


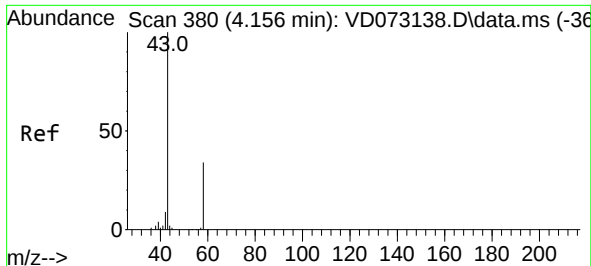
Tgt Ion: 59 Resp: 29427
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.6#



#13
Acrolein
Concen: Below Cal
RT: 3.691 min Scan# 301
Delta R.T. -0.229 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

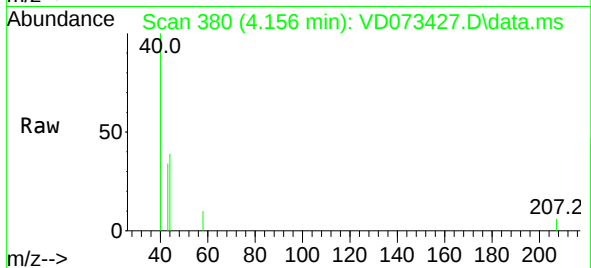
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



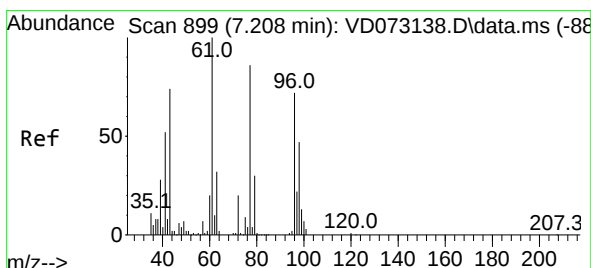
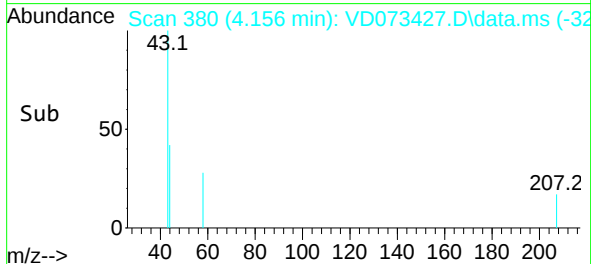
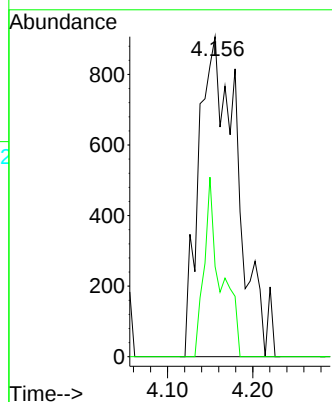


#16
Acetone
Concen: 4.153 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :

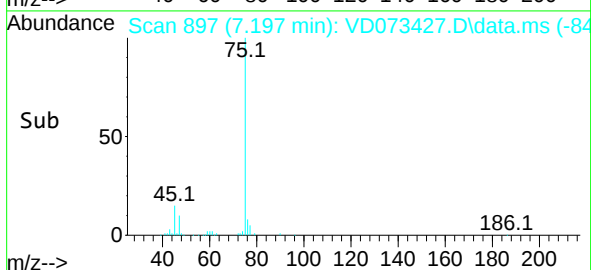
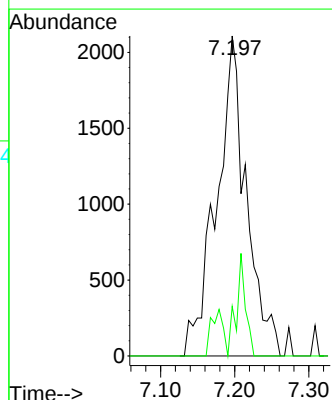
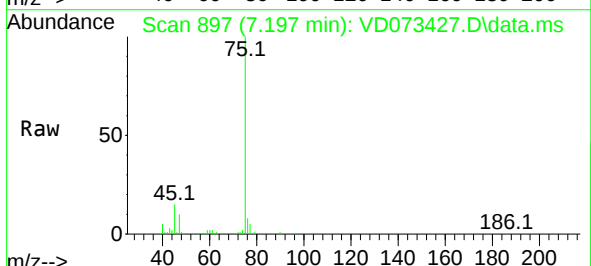


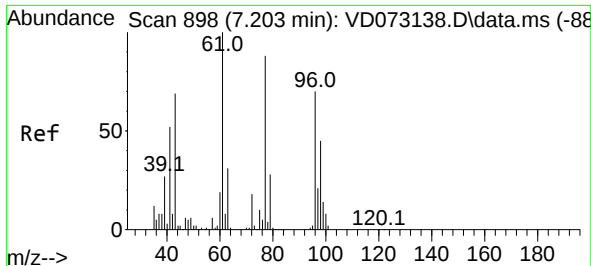
Tgt Ion: 43 Resp: 2861
Ion Ratio Lower Upper
43 100
58 28.2 22.1 33.1



#25
2-Butanone
Concen: 5.871 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.011 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Tgt Ion: 43 Resp: 5918
Ion Ratio Lower Upper
43 100
72 15.5 18.6 27.8#





#26

2,2-Dichloropropane

Concen: 1.520 ug/l

RT: 7.197 min Scan# 89

Delta R.T. -0.006 min

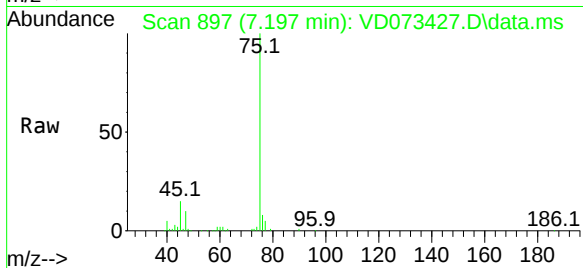
Lab File: VD073427.D

Acq: 31 May 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :

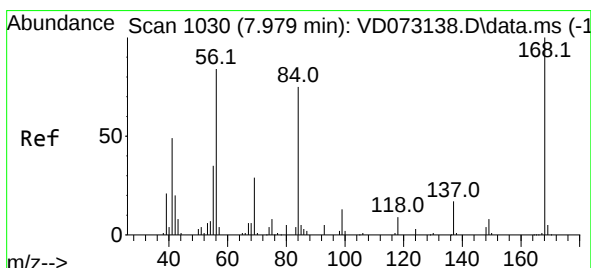
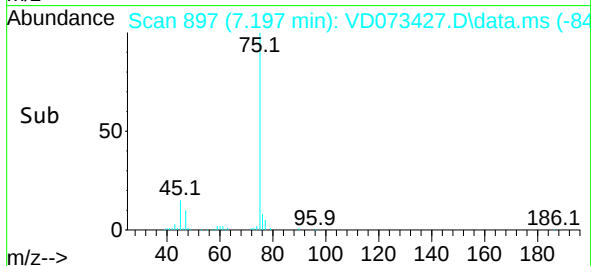
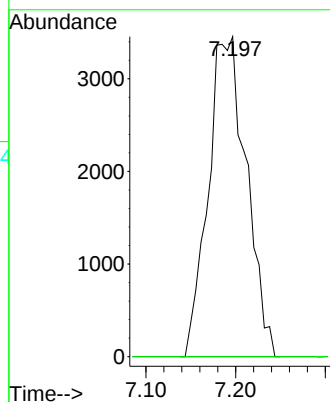


Tgt Ion: 77 Resp: 10184

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#



#31

Cyclohexane

Concen: 1.512 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

Lab File: VD073427.D

Acq: 31 May 2022 16:12

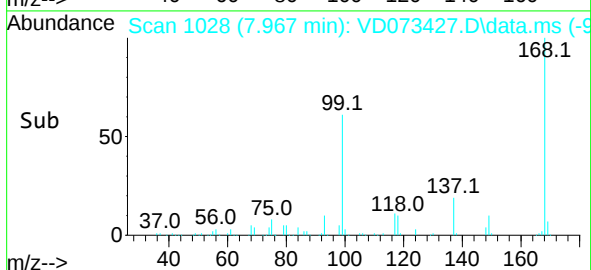
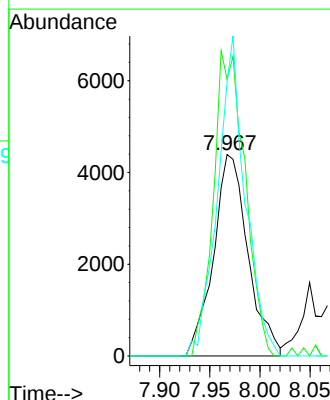
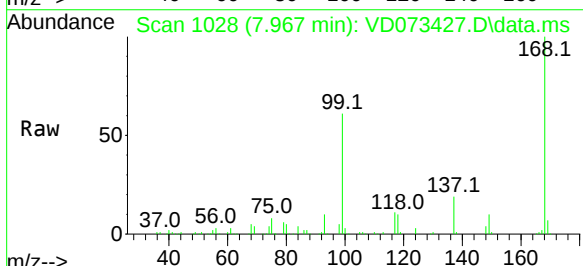
Tgt Ion: 56 Resp: 10512

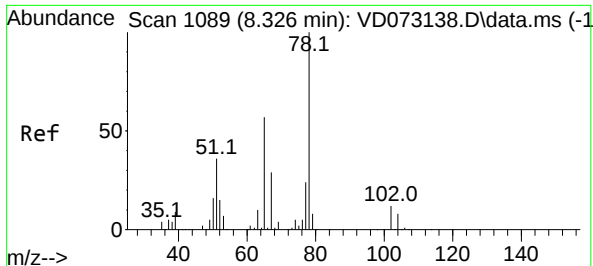
Ion Ratio Lower Upper

56 100

69 137.3 25.4 38.2#

84 135.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 42.470 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073427.D

Acq: 31 May 2022 16:12

Instrument :

MSVOA_D

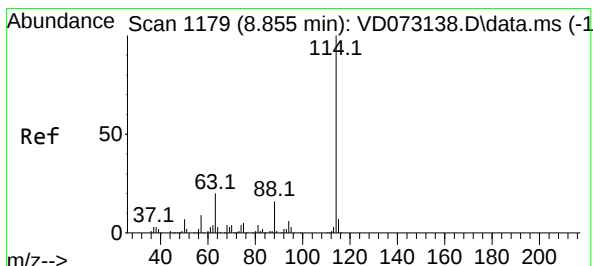
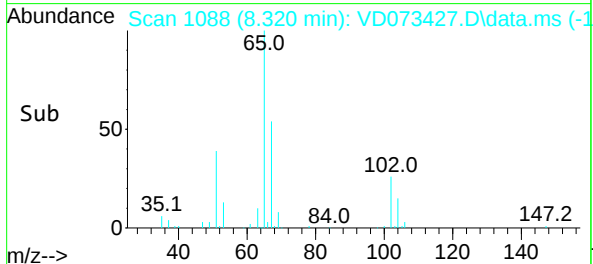
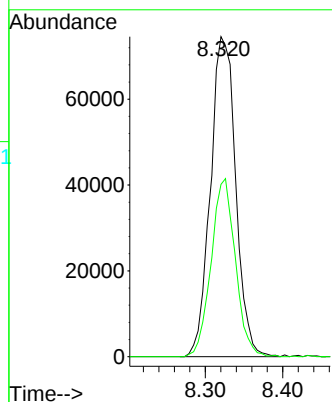
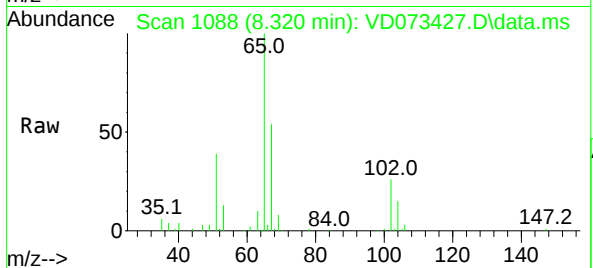
ClientSampleId :

Tgt Ion: 65 Resp: 168921

Ion Ratio Lower Upper

65 100

67 53.4 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: VD073427.D

Acq: 31 May 2022 16:12

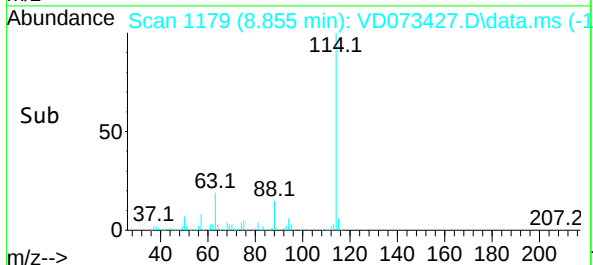
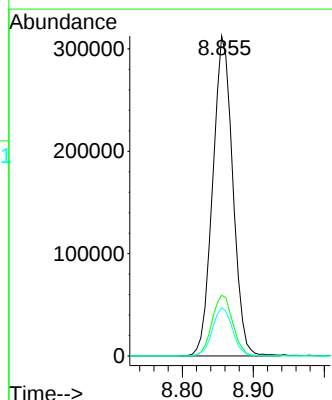
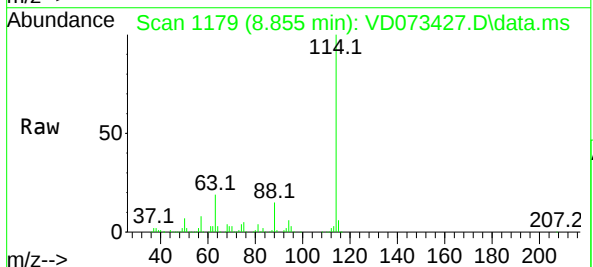
Tgt Ion: 114 Resp: 612492

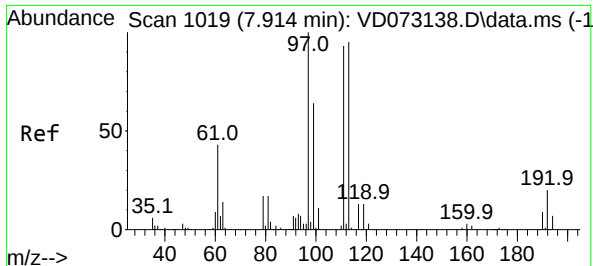
Ion Ratio Lower Upper

114 100

63 18.9 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.712 ug/l

RT: 7.902 min Scan# 1019

Delta R.T. -0.011 min

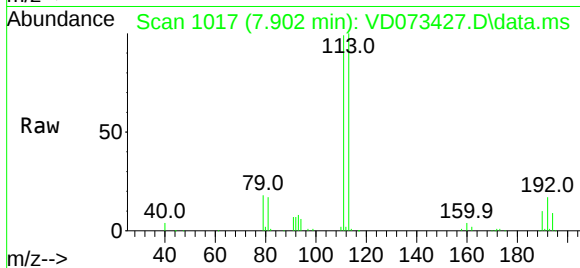
Lab File: VD073427.D

Acq: 31 May 2022 16:12

Instrument :

MSVOA_D

ClientSampleId :



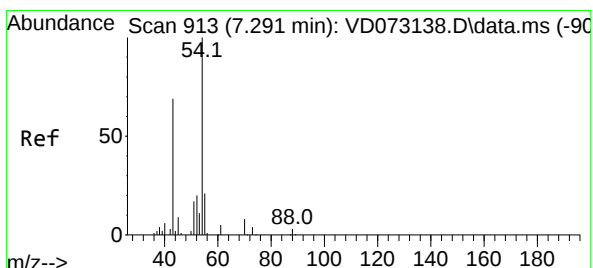
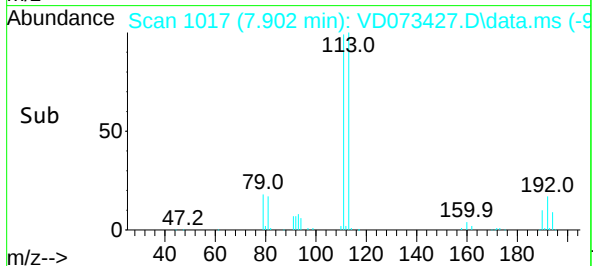
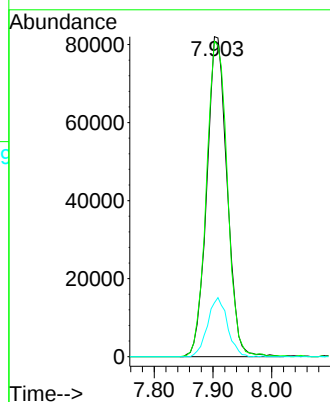
Tgt Ion:113 Resp: 196876

Ion Ratio Lower Upper

113 100

111 101.6 83.8 125.6

192 18.0 14.6 21.8



#37

Ethyl Acetate

Concen: 2.465 ug/l

RT: 7.197 min Scan# 897

Delta R.T. -0.094 min

Lab File: VD073427.D

Acq: 31 May 2022 16:12

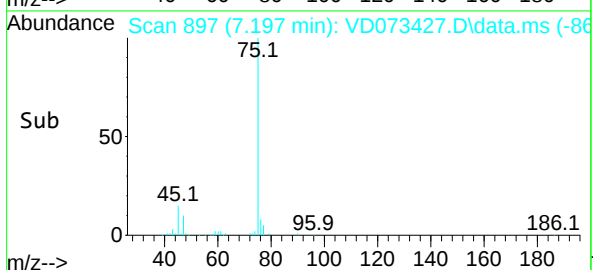
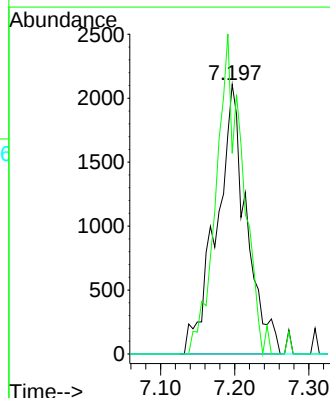
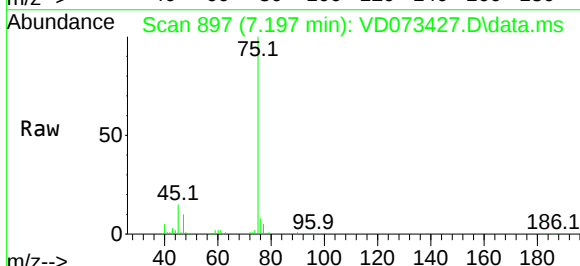
Tgt Ion: 43 Resp: 5918

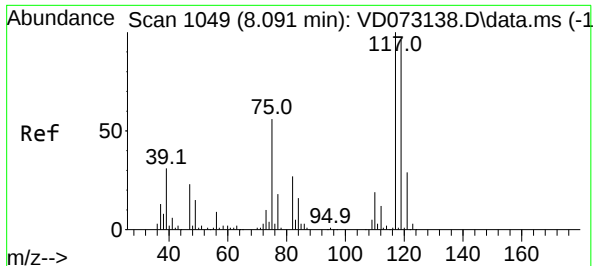
Ion Ratio Lower Upper

43 100

61 105.4 9.8 14.8#

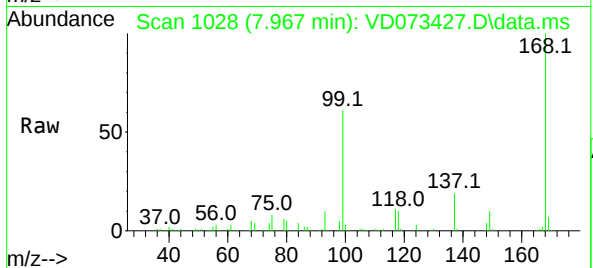
70 0.0 6.9 10.3#



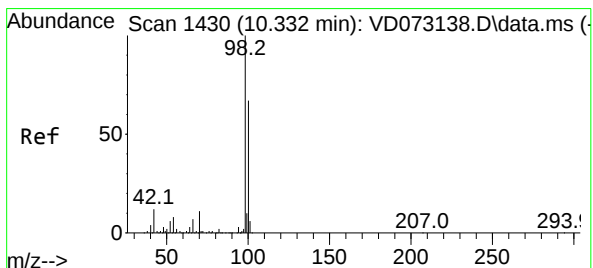
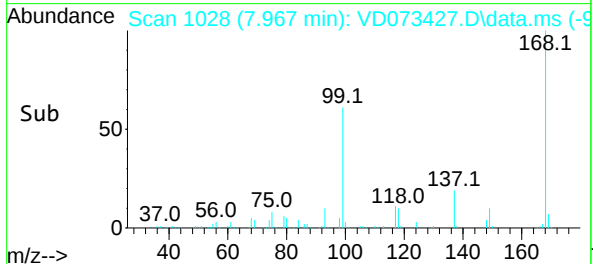
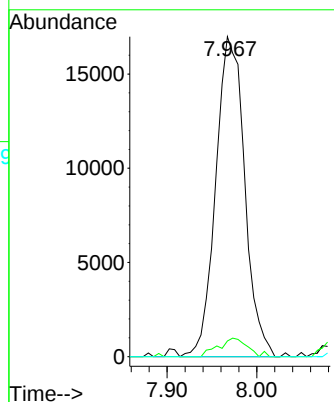


#38
Carbon Tetrachloride
Concen: 6.162 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :

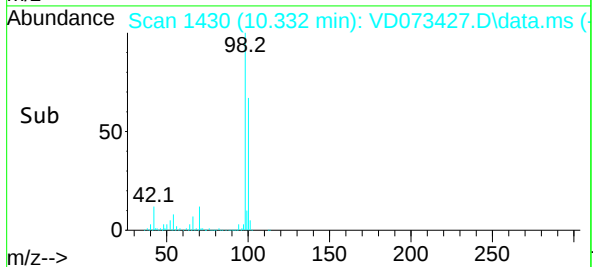
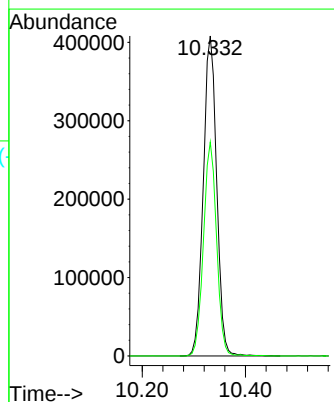
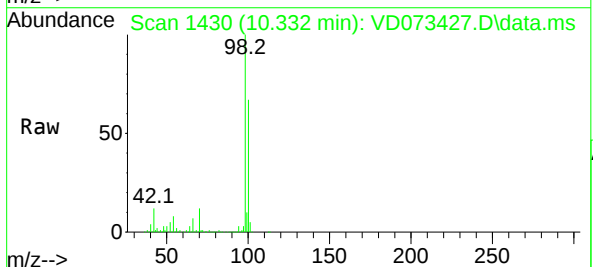


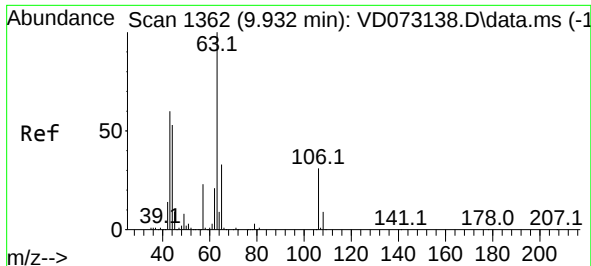
Tgt Ion:117 Resp: 37967
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.305 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Tgt Ion: 98 Resp: 734573
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6





#58

2-Chloroethyl Vinyl ether

Concen: 21.881 ug/l

RT: 9.938 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD073427.D

Acq: 31 May 2022 16:12

Instrument :

MSVOA_D

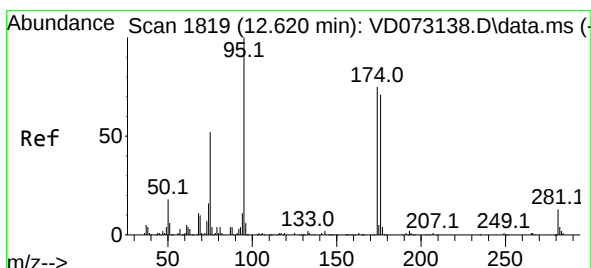
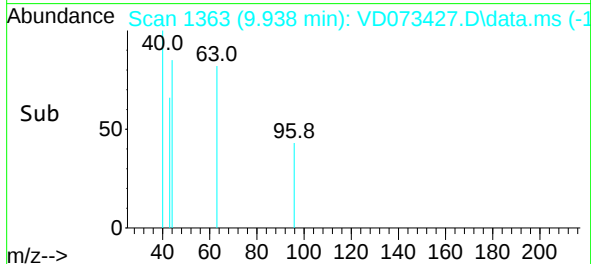
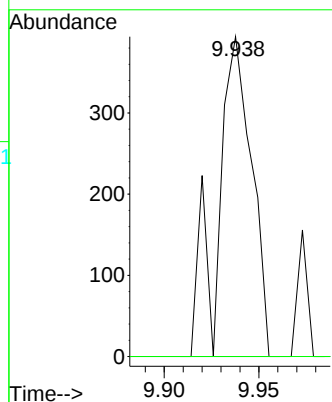
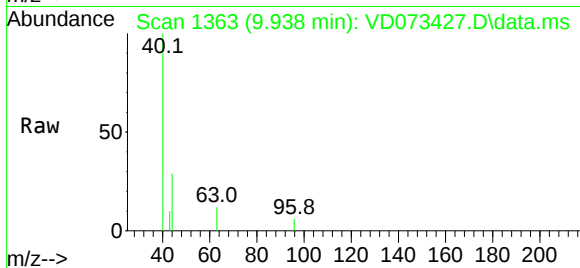
ClientSampleId :

Tgt Ion: 63 Resp: 493

Ion Ratio Lower Upper

63 100

106 0.0 21.4 32.0#



#62

4-Bromofluorobenzene

Concen: 54.070 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.000 min

Lab File: VD073427.D

Acq: 31 May 2022 16:12

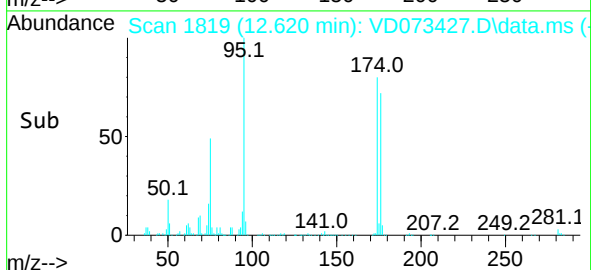
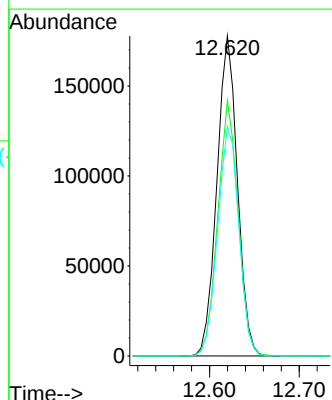
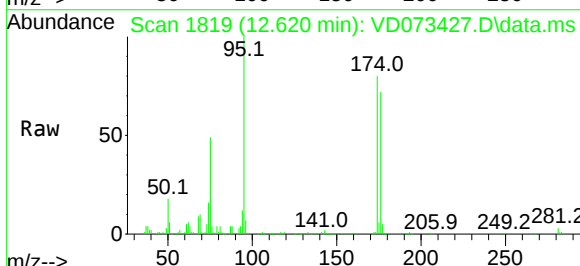
Tgt Ion: 95 Resp: 282706

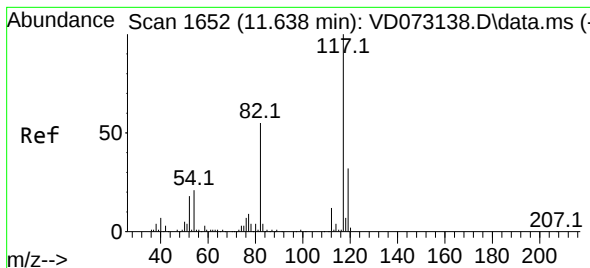
Ion Ratio Lower Upper

95 100

174 79.2 0.0 152.8

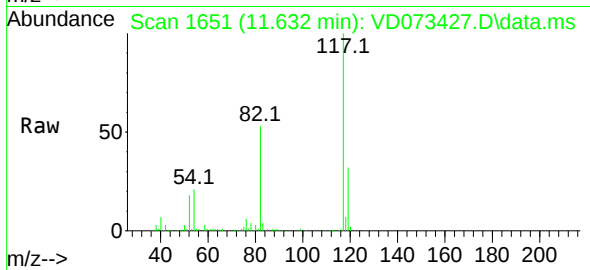
176 74.4 0.0 145.4



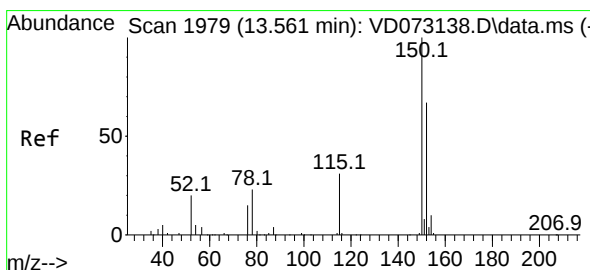
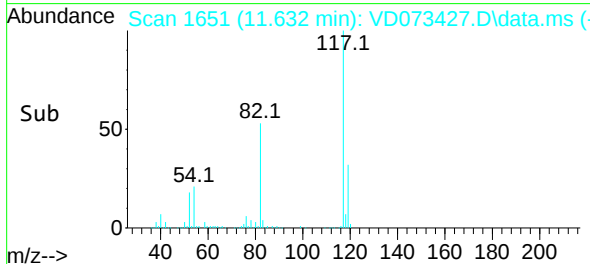
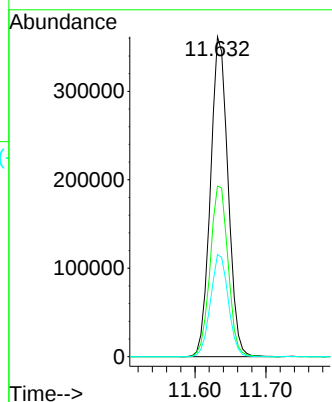


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :

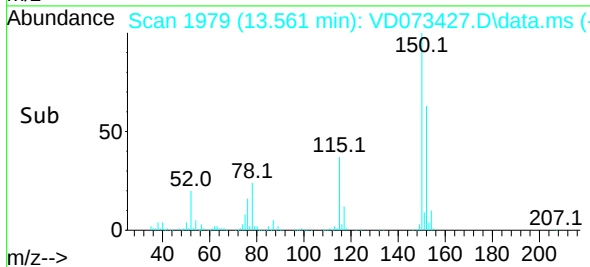
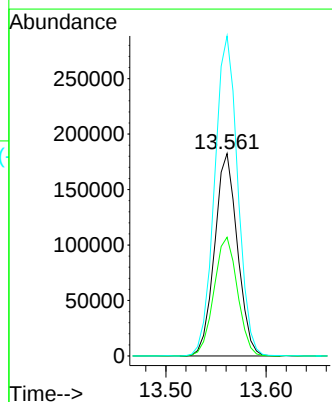
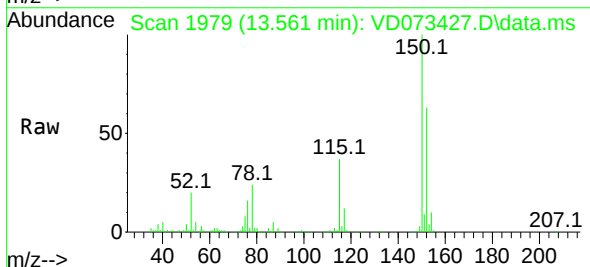


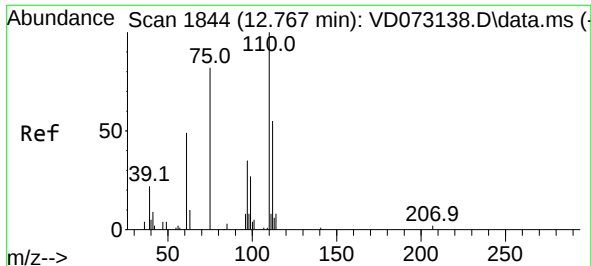
Tgt Ion:117 Resp: 620655
Ion Ratio Lower Upper
117 100
82 53.3 45.3 67.9
119 31.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Tgt Ion:152 Resp: 287740
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 160.4 0.0 348.6

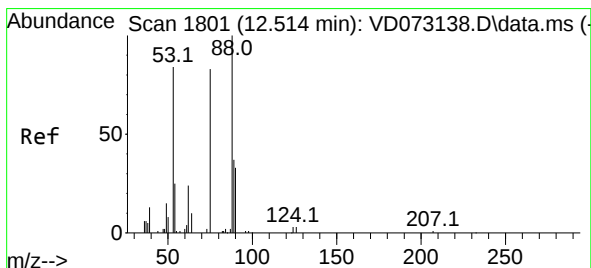
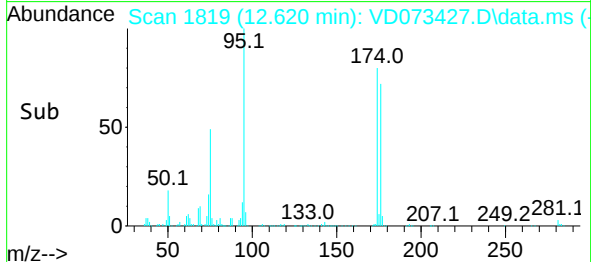
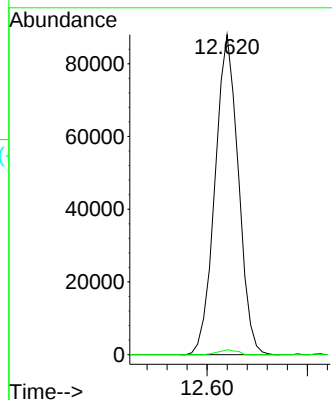
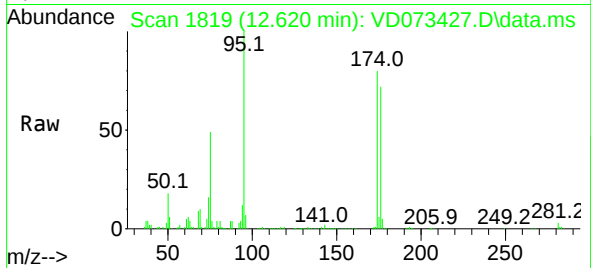




#76
1,2,3-Trichloropropane
Concen: 50.368 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

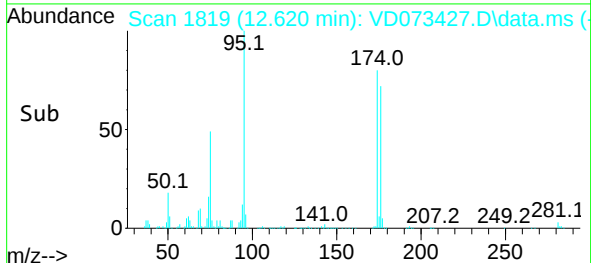
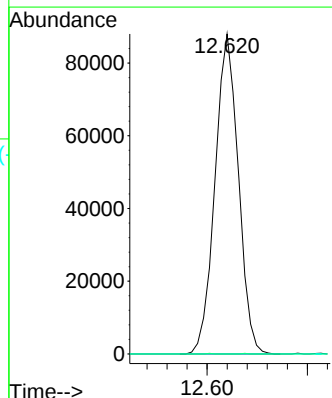
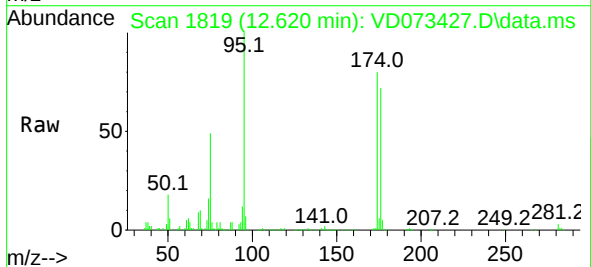
Instrument :
MSVOA_D
ClientSampleId :

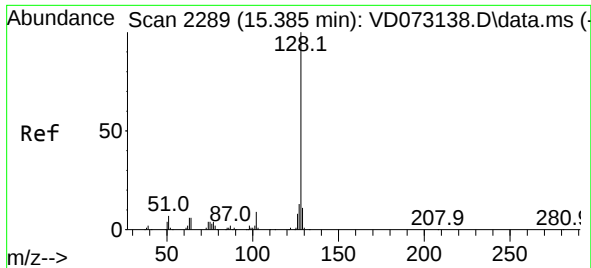
Tgt Ion: 75 Resp: 142201
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.919 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

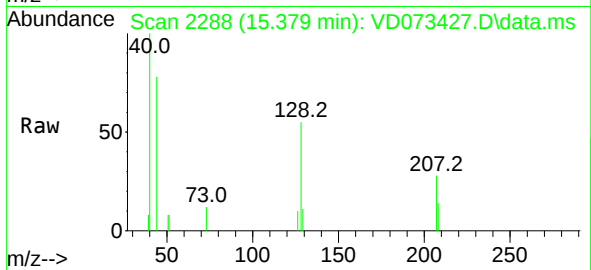
Tgt Ion: 75 Resp: 142201
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
Naphthalene
Concen: 3.768 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073427.D
Acq: 31 May 2022 16:12

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	2.9	10.3	15.5#
129	3.8	8.4	12.6#

