

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073384.D
 Acq On : 26 May 2022 13:15
 Operator : VA/SY
 Sample : N2842-23RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P025-SS001-0612-01RE

Quant Time: May 27 01:30:54 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)

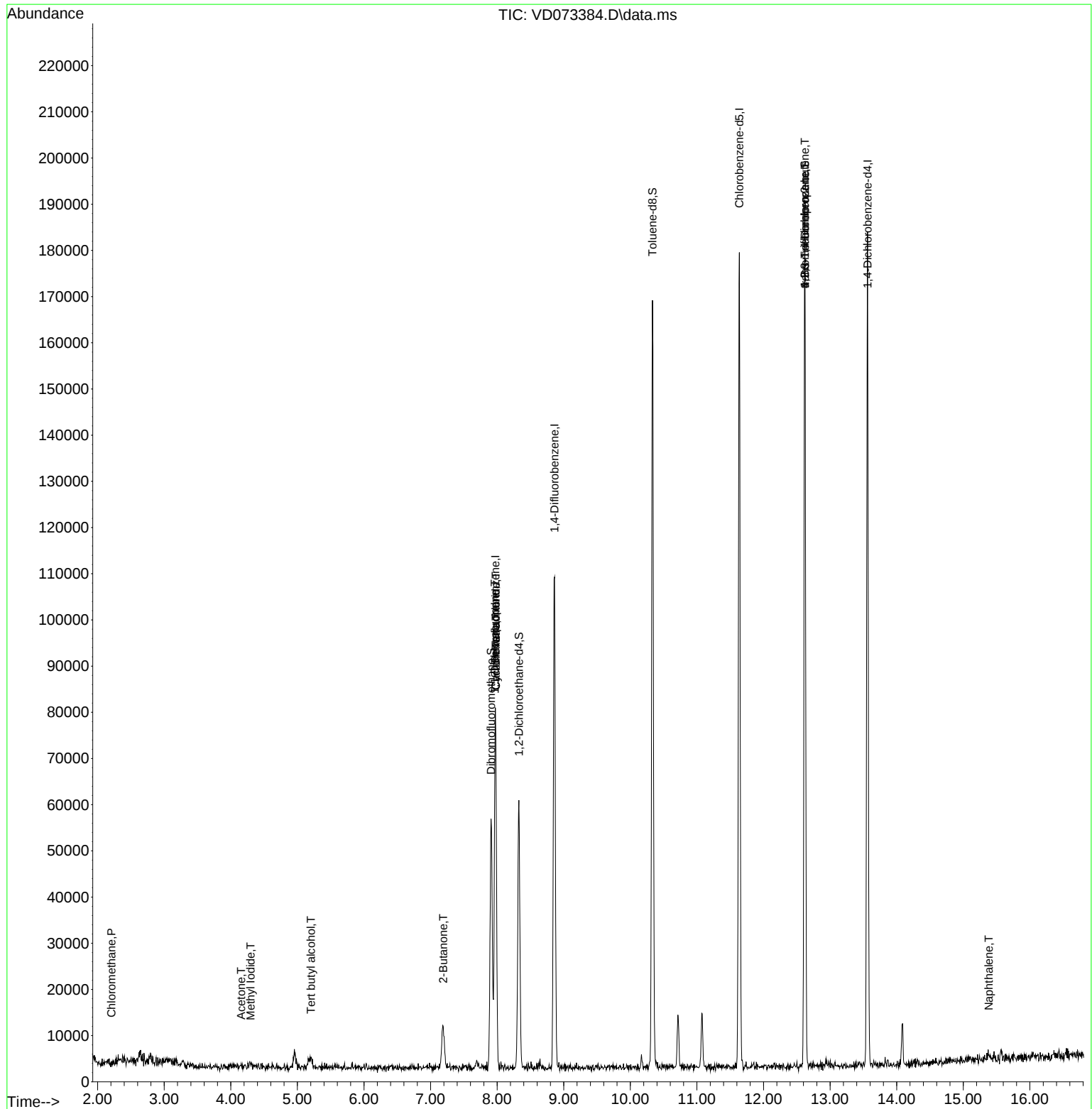
Internal Standards						
1) Pentafluorobenzene	7.973	168	55477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	90925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	106426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	45959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	45293	73.875	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 147.760%			
35) Dibromofluoromethane	7.909	113	39074	65.125	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 130.260%			
50) Toluene-d8	10.332	98	116467	52.660	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.320%			
62) 4-Bromofluorobenzene	12.620	95	46048	59.327	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 118.660%			
Target Compounds			Qvalue			
3) Chloromethane	2.209	50	845	1.348	ug/l #	80
5) Bromomethane	2.785	94	1323	Below Cal	#	75
10) Methyl Iodide	4.297	142	870	1.333	ug/l #	90
11) Tert butyl alcohol	5.203	59	915	9.619	ug/l #	74
16) Acetone	4.156	43	668	6.290	ug/l	98
20) Methylene Chloride	4.950	84	983	Below Cal	#	69
25) 2-Butanone	7.191	43	218	1.403	ug/l #	52
31) Cyclohexane	7.979	56	1588	1.482	ug/l #	50
36) 1,1-Dichloropropene	7.967	75	4560	5.053	ug/l #	49
38) Carbon Tetrachloride	7.979	117	6017	6.578	ug/l #	21
76) 1,2,3-Trichloropropane	12.620	75	23765	52.701	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	23765	126.520	ug/l #	7
95) Naphthalene	15.385	128	1191	4.277	ug/l #	76

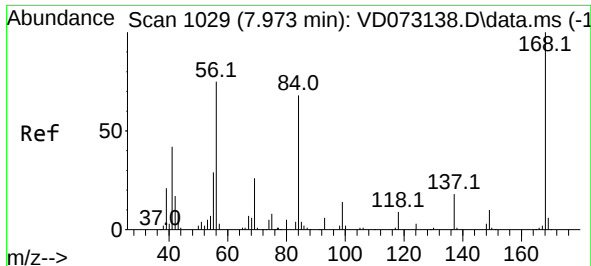
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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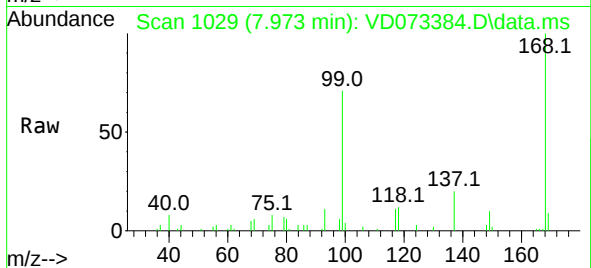
Quant Time: May 27 01:30:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
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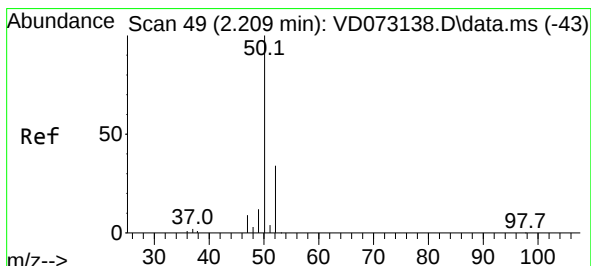
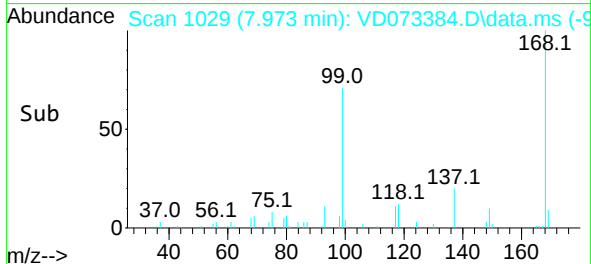
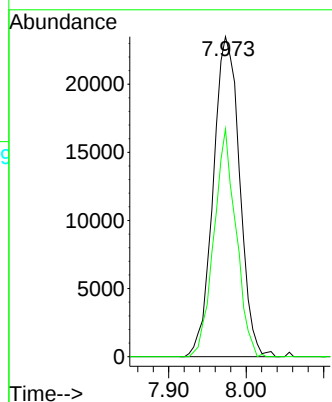


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01RE

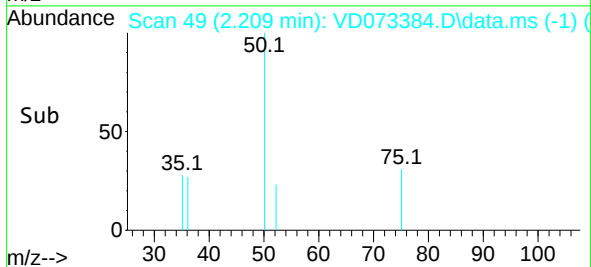
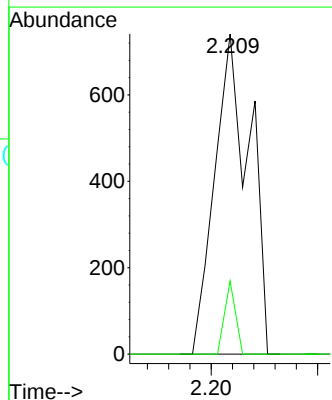
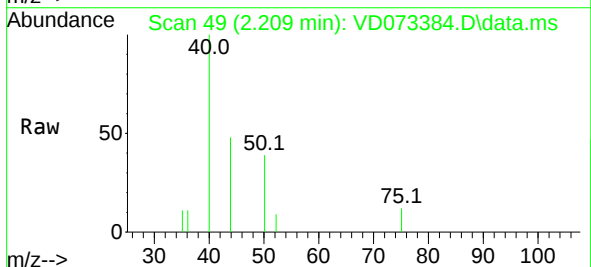


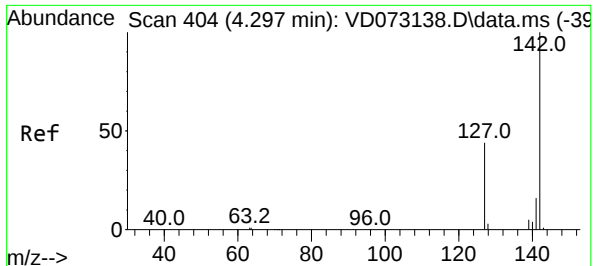
Tgt Ion:168 Resp: 55477
Ion Ratio Lower Upper
168 100
99 71.2 49.8 74.6



#3
Chloromethane
Concen: 1.348 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Tgt Ion: 50 Resp: 845
Ion Ratio Lower Upper
50 100
52 22.8 27.4 41.0#





#10

Methyl Iodide

Concen: 1.333 ug/l

RT: 4.297 min Scan# 404

Delta R.T. -0.000 min

Lab File: VD073384.D

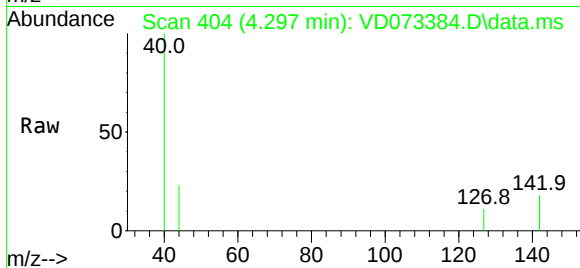
Acq: 26 May 2022 13:15

Instrument :

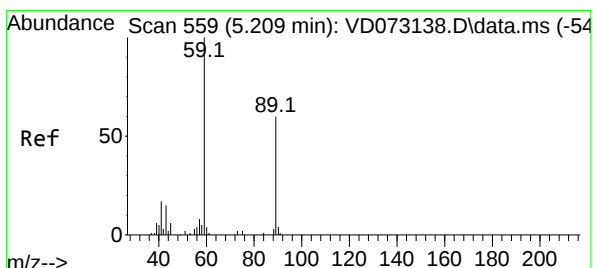
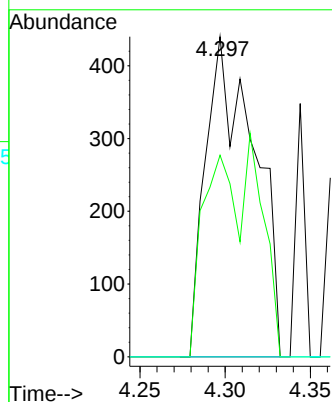
MSVOA_D

ClientSampleId :

P025-SS001-0612-01RE



Tgt Ion:	142	Resp:	870
Ion	Ratio	Lower	Upper
142	100		
127	44.9	37.3	55.9
141	0.0	11.7	17.5#



#11

Tert butyl alcohol

Concen: 9.619 ug/l

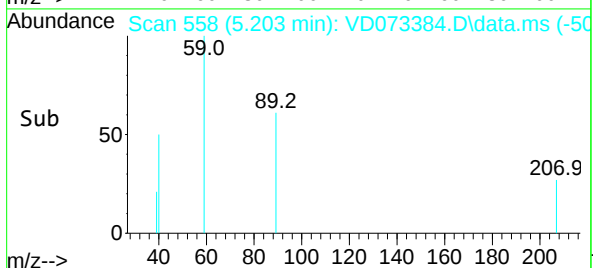
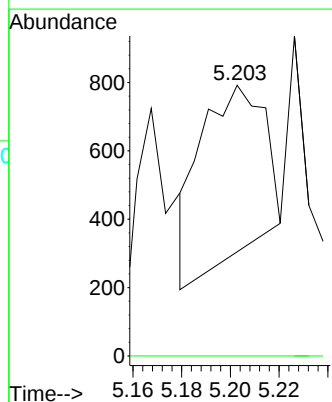
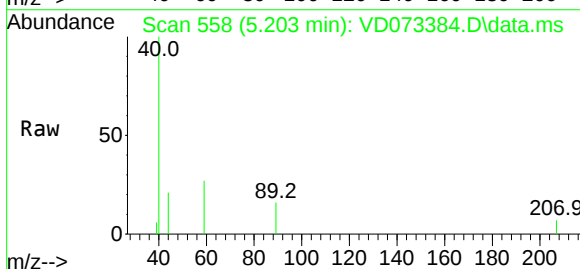
RT: 5.203 min Scan# 558

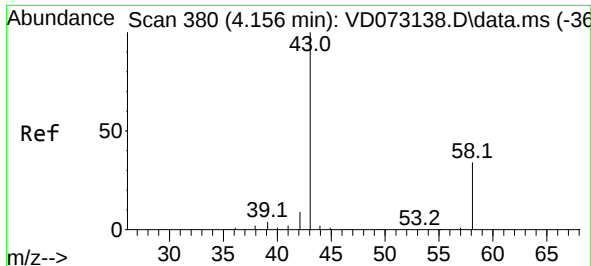
Delta R.T. -0.006 min

Lab File: VD073384.D

Acq: 26 May 2022 13:15

Tgt Ion:	59	Resp:	915
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.6#

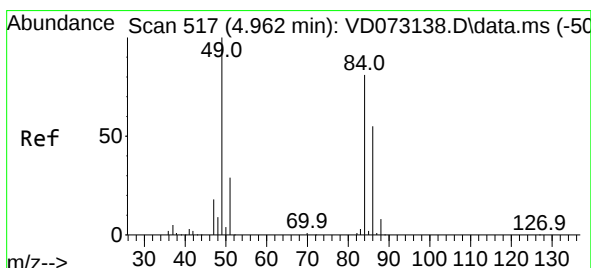
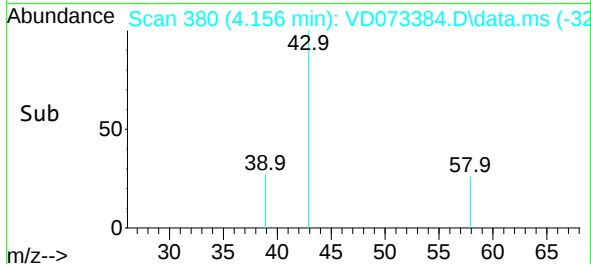
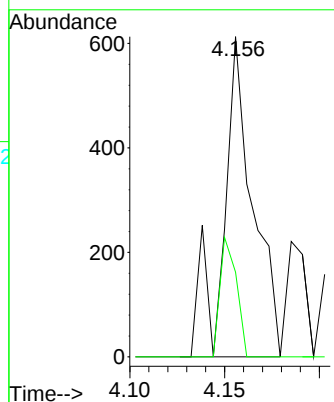
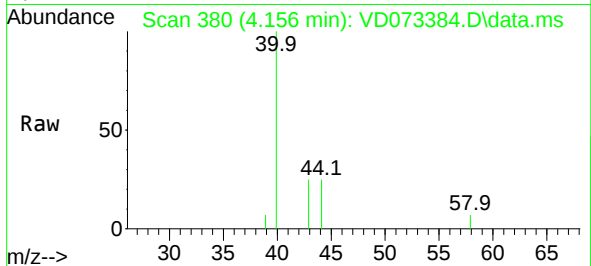




#16
Acetone
Concen: 6.290 ug/l
RT: 4.156 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

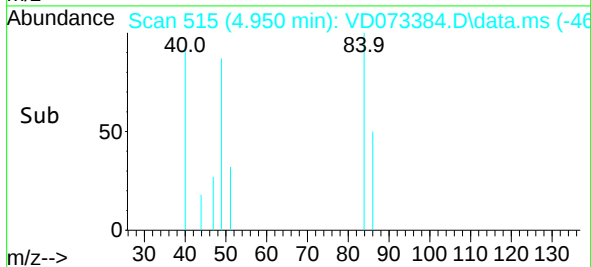
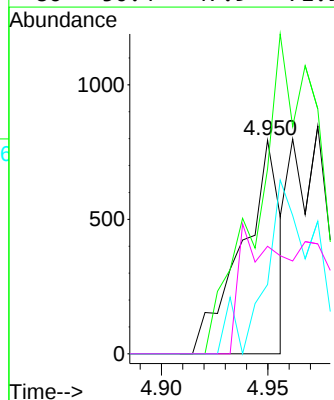
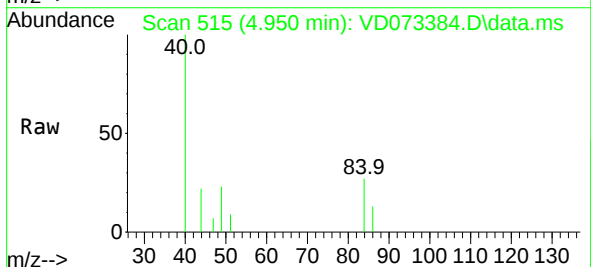
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01RE

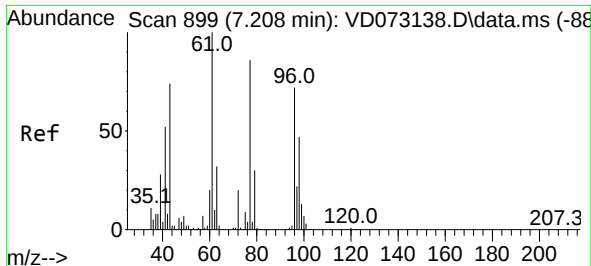
Tgt Ion: 43 Resp: 668
Ion Ratio Lower Upper
43 100
58 26.4 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Tgt Ion: 84 Resp: 983
Ion Ratio Lower Upper
84 100
49 86.5 112.8 169.2#
51 32.5 32.6 48.8#
86 50.4 47.9 71.9

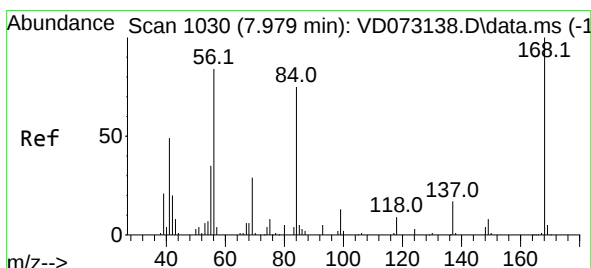
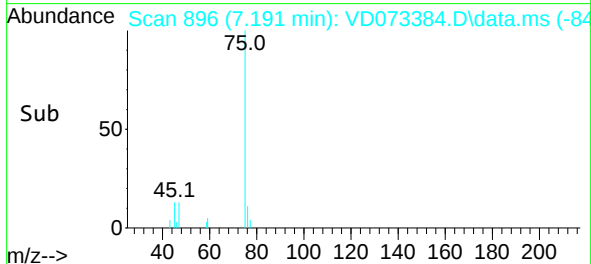
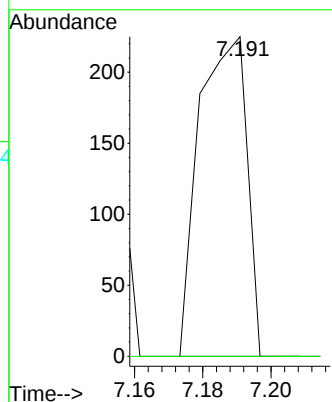
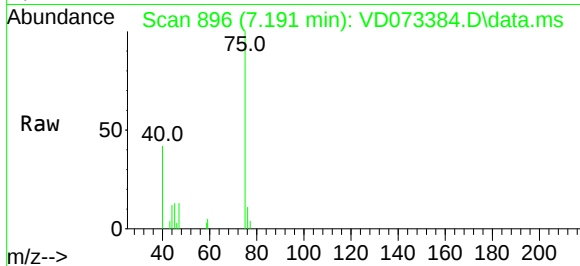




#25
2-Butanone
Concen: 1.403 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.017 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

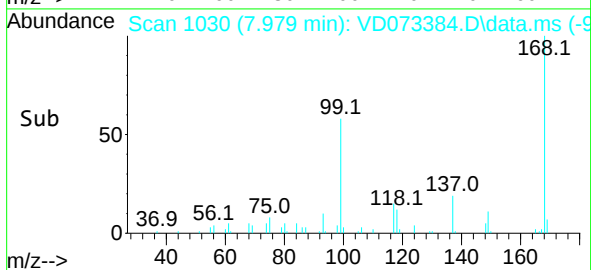
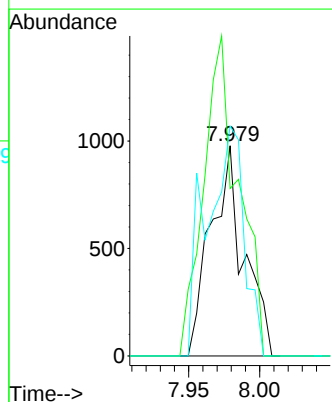
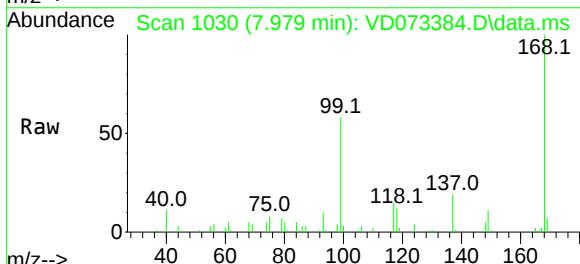
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01RE

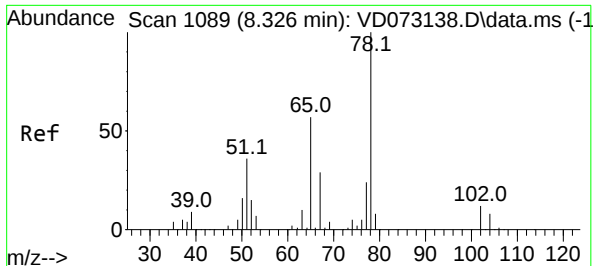
Tgt Ion: 43 Resp: 218
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.482 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Tgt Ion: 56 Resp: 1588
Ion Ratio Lower Upper
56 100
69 79.7 25.4 38.2#
84 109.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 73.875 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073384.D

Acq: 26 May 2022 13:15

Instrument :

MSVOA_D

ClientSampleId :

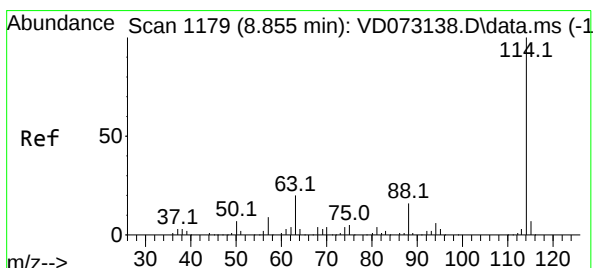
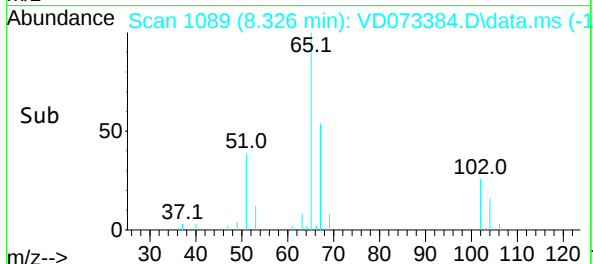
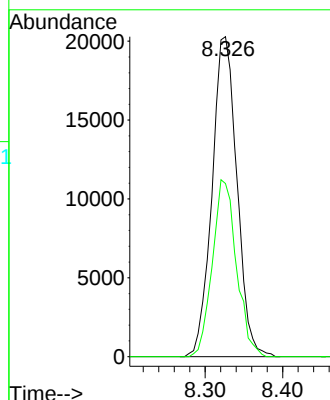
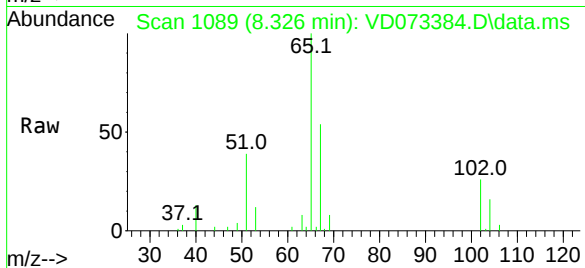
P025-SS001-0612-01RE

Tgt Ion: 65 Resp: 45293

Ion Ratio Lower Upper

65 100

67 53.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073384.D

Acq: 26 May 2022 13:15

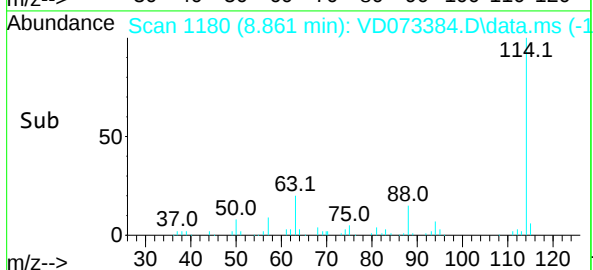
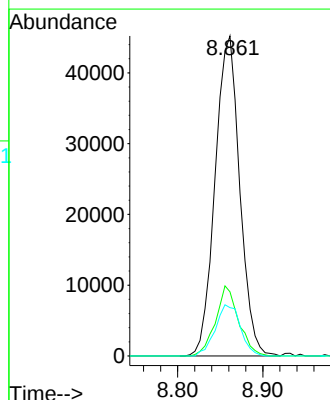
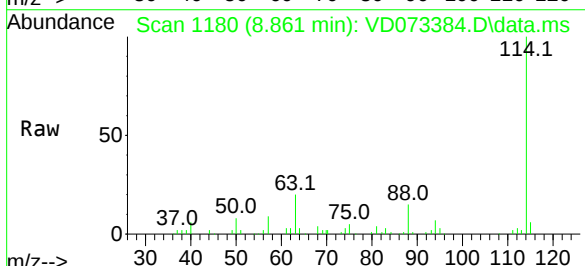
Tgt Ion: 114 Resp: 90925

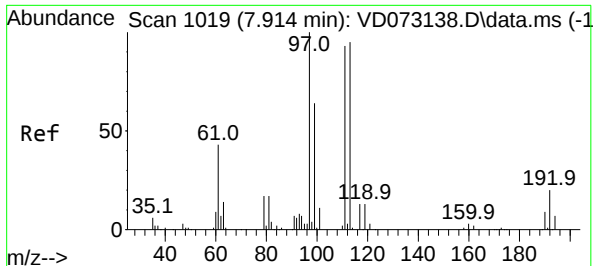
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 65.125 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073384.D

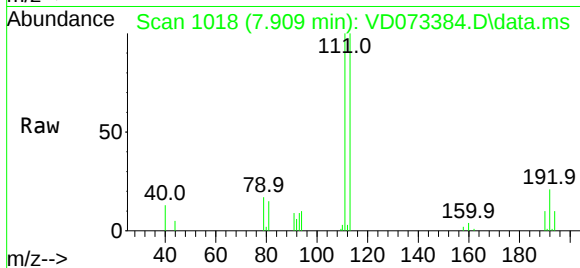
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Instrument :

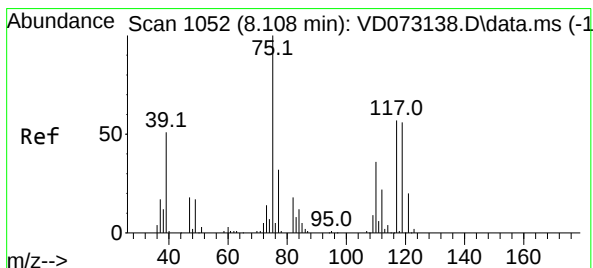
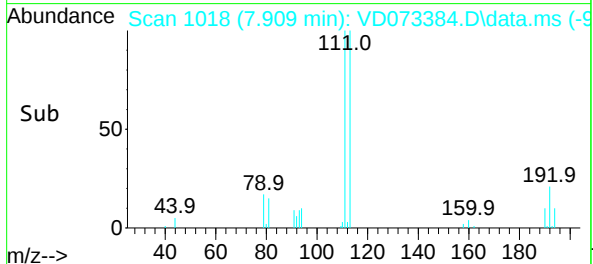
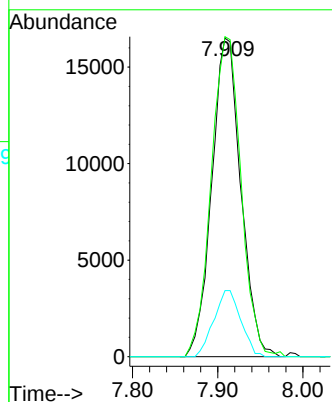
MSVOA_D

ClientSampleId :

P025-SS001-0612-01RE



Tgt Ion:	113	Resp:	39074
Ion	Ratio	Lower	Upper
113	100		
111	103.0	83.8	125.6
192	19.3	14.6	21.8



#36

1,1-Dichloropropene

Concen: 5.053 ug/l

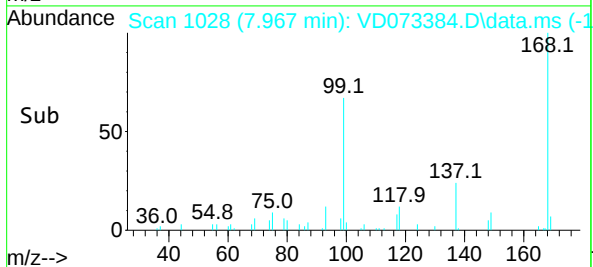
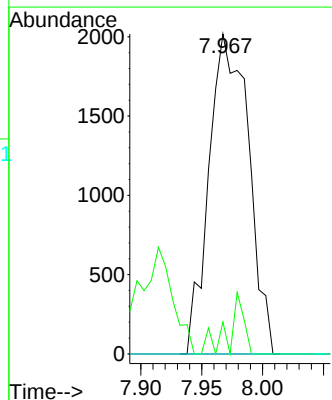
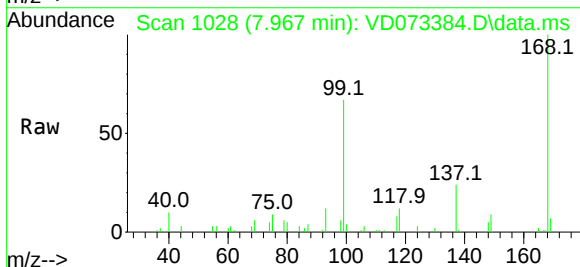
RT: 7.967 min Scan# 1028

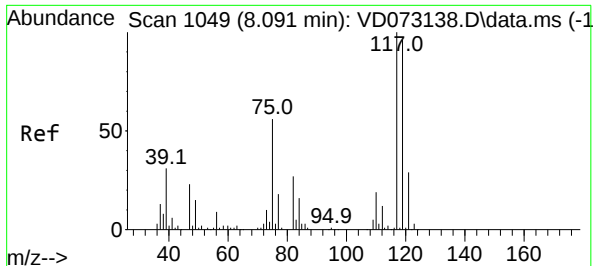
Delta R.T. -0.141 min

Lab File: VD073384.D

Acq: 26 May 2022 13:15

Tgt Ion:	75	Resp:	4560
Ion	Ratio	Lower	Upper
75	100		
110	6.2	16.4	49.1#
77	0.0	24.2	36.2#

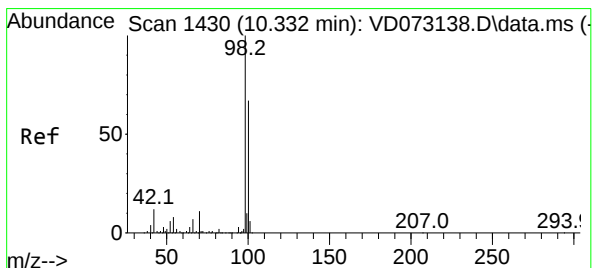
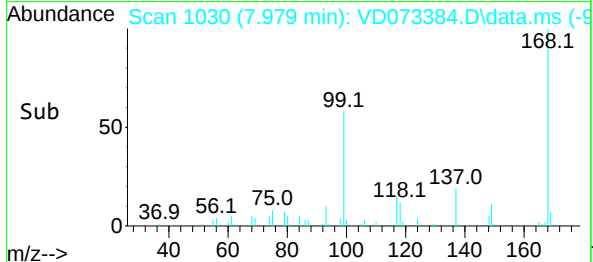
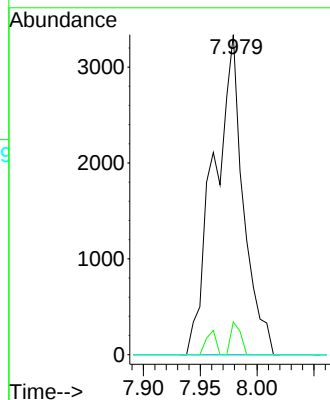
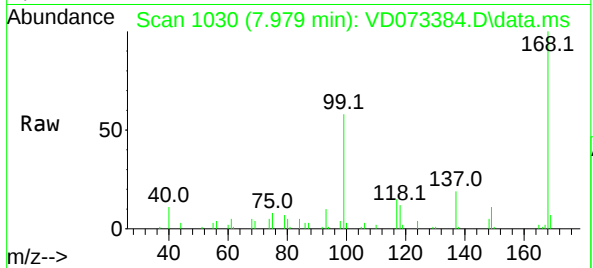




#38
Carbon Tetrachloride
Concen: 6.578 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

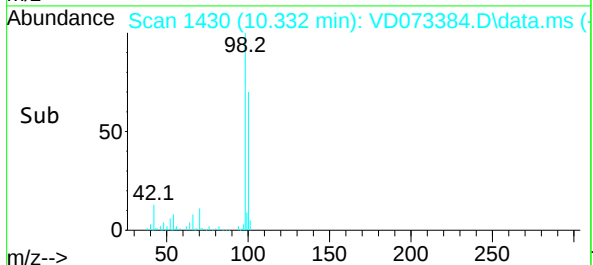
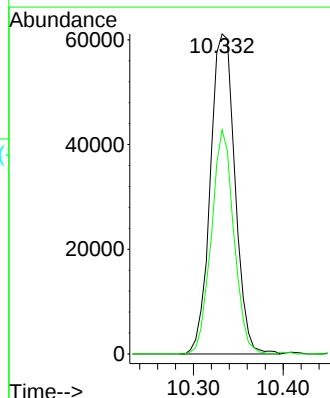
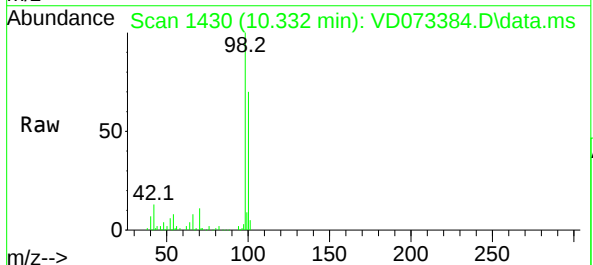
Instrument :
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P025-SS001-0612-01RE

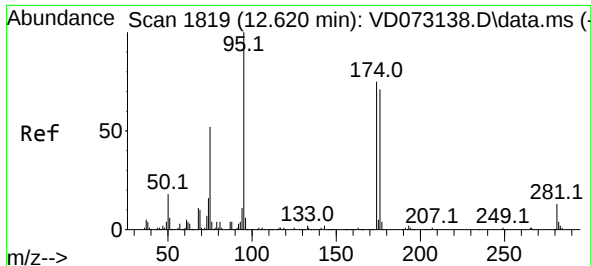
Tgt Ion:117 Resp: 6017
Ion Ratio Lower Upper
117 100
119 10.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 52.660 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Tgt Ion: 98 Resp: 116467
Ion Ratio Lower Upper
98 100
100 63.9 52.4 78.6

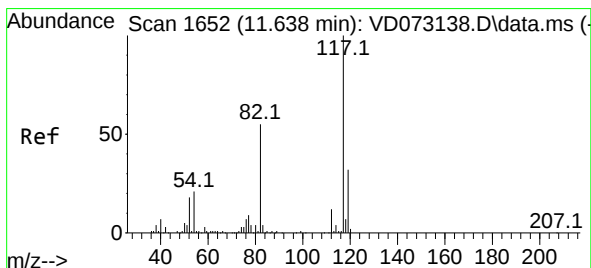
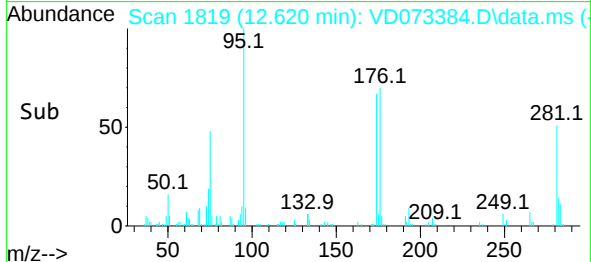
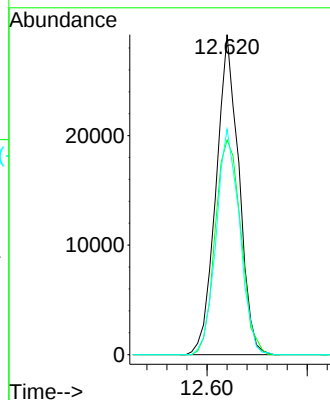
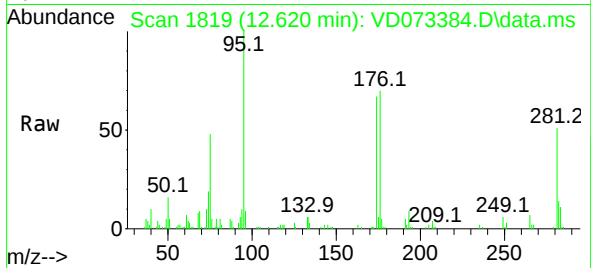




#62
4-Bromofluorobenzene
Concen: 59.327 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

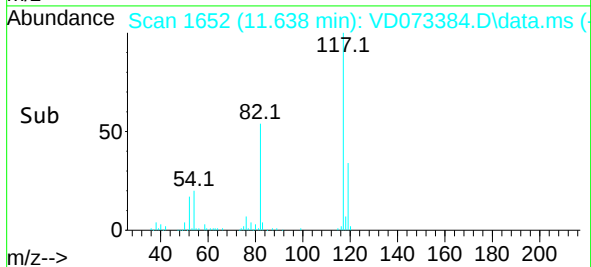
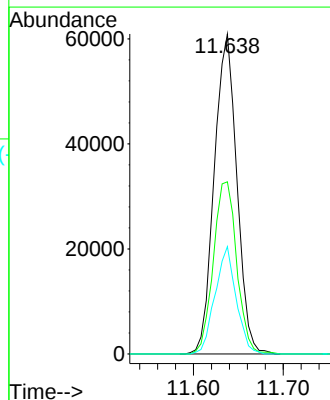
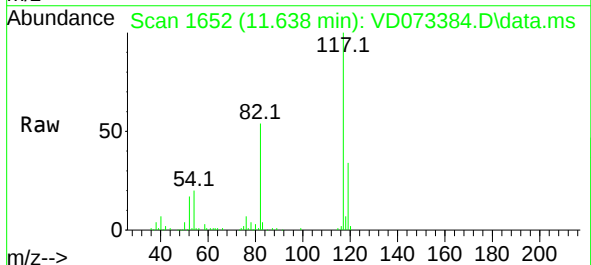
Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01RE

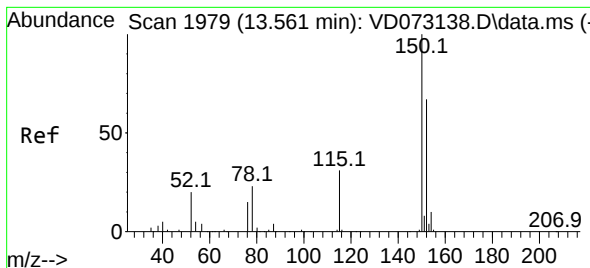
Tgt Ion: 95 Resp: 46048
Ion Ratio Lower Upper
95 100
174 75.6 0.0 152.8
176 72.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Tgt Ion: 117 Resp: 106426
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 33.6 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: VD073384.D

Acq: 26 May 2022 13:15

Instrument :

MSVOA_D

ClientSampleId :

P025-SS001-0612-01RE

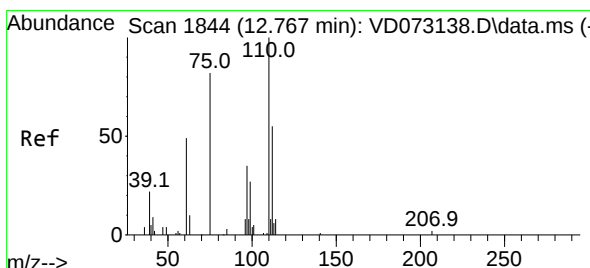
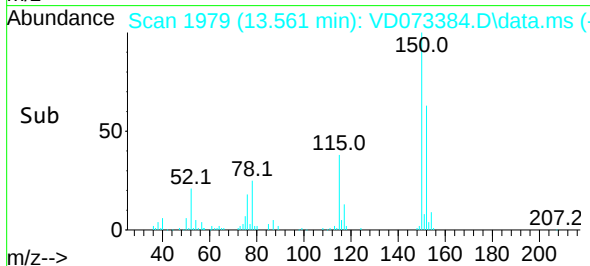
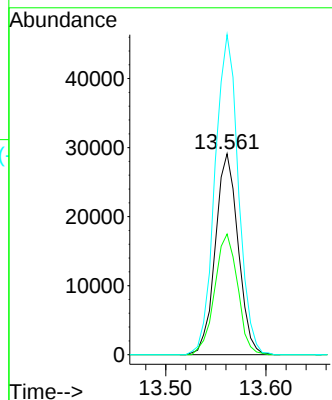
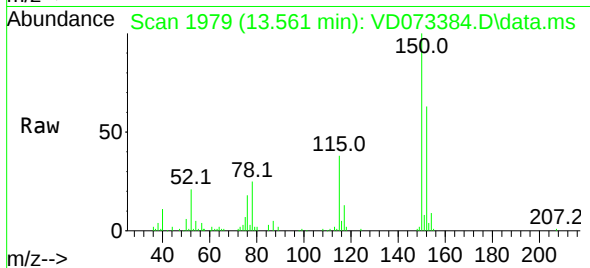
Tgt Ion:152 Resp: 45959

Ion Ratio Lower Upper

152 100

115 60.5 31.3 93.8

150 163.3 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 52.701 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073384.D

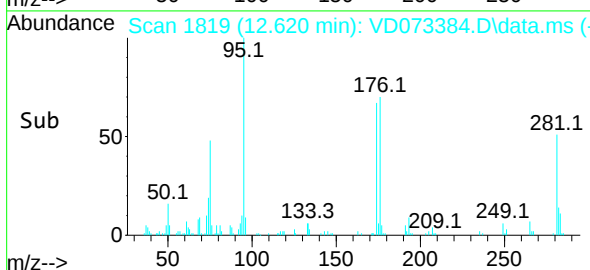
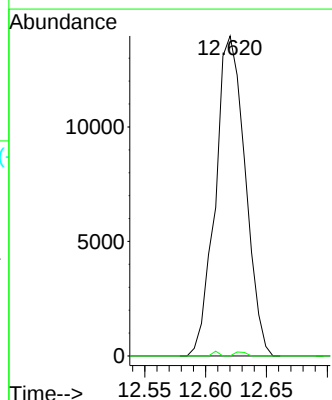
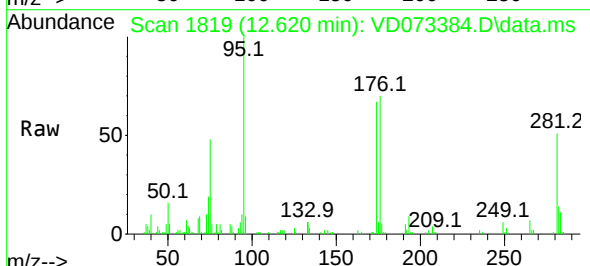
Acq: 26 May 2022 13:15

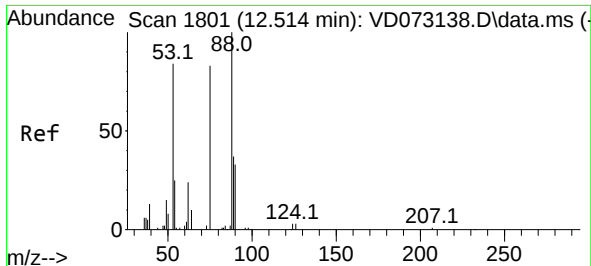
Tgt Ion: 75 Resp: 23765

Ion Ratio Lower Upper

75 100

77 0.5 0.0 0.0#

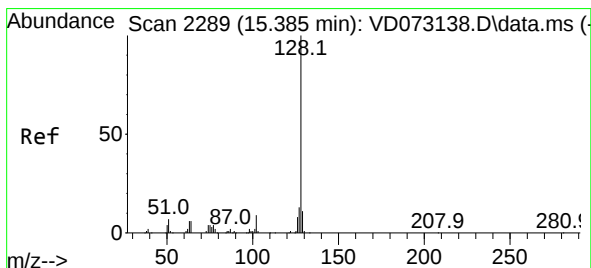
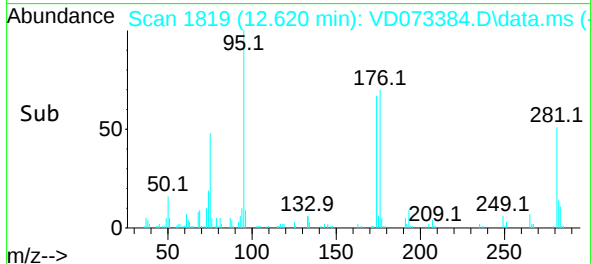
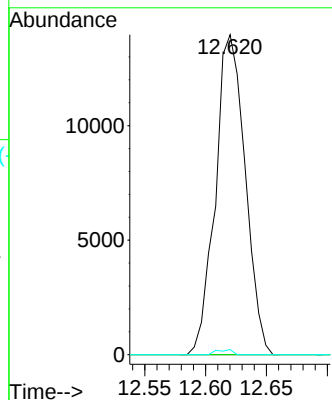
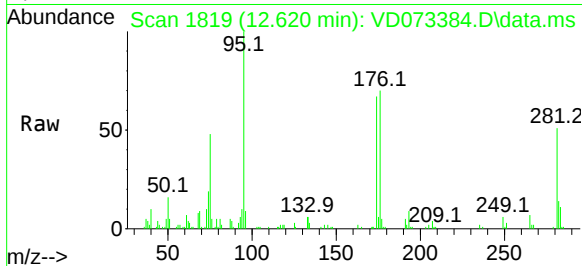




#81
trans-1,4-Dichloro-2-butene
Concen: 126.520 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Instrument :
MSVOA_D
ClientSampleId :
P025-SS001-0612-01RE

Tgt Ion: 75 Resp: 23765
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.8 33.9 50.9#



#95
Naphthalene
Concen: 4.277 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD073384.D
Acq: 26 May 2022 13:15

Tgt Ion: 128 Resp: 1191
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 5.1 8.4 12.6#

