

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073587.D
 Acq On : 15 Jun 2022 13:07
 Operator : VA/SY
 Sample : N3287-02RE
 Misc : 5.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 06:02:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

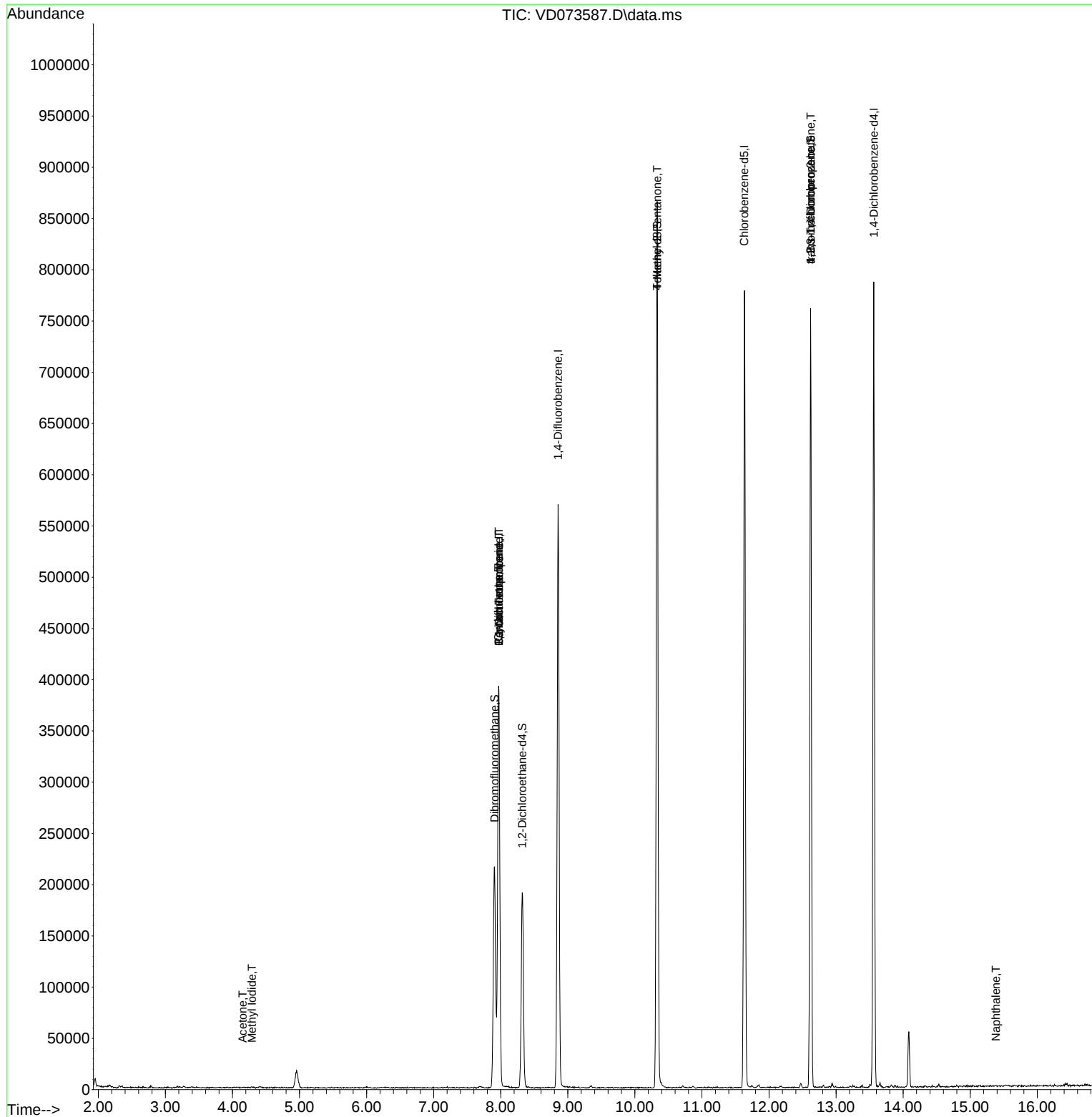
Internal Standards						
1) Pentafluorobenzene	7.973	168	288736	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	489698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	456558	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	206888	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	159357	51.430	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.860%	
35) Dibromofluoromethane	7.909	113	155599	49.413	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.820%	
50) Toluene-d8	10.332	98	587707	49.363	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.720%	
62) 4-Bromofluorobenzene	12.620	95	201106	46.529	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.060%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	561	4.317	ug/l #	55
11) Tert butyl alcohol	5.197	59	64	Below Cal	#	74
16) Acetone	4.150	43	867	1.589	ug/l #	47
31) Cyclohexane	7.967	56	6985	1.338	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	23426	4.953	ug/l #	50
38) Carbon Tetrachloride	7.973	117	29700	6.003	ug/l #	18
51) 4-Methyl-2-Pentanone	10.332	43	2348	1.262	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	100845	50.176	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	100845	117.771	ug/l #	7
95) Naphthalene	15.385	128	666	4.285	ug/l #	70

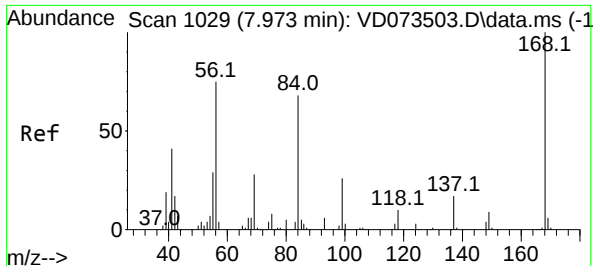
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 06:02:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

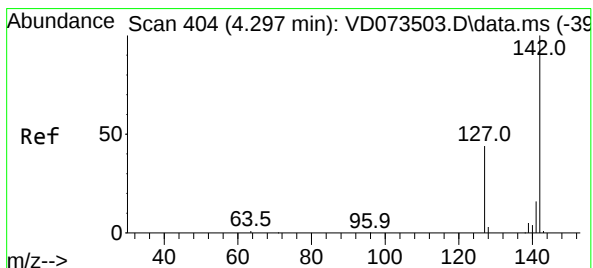
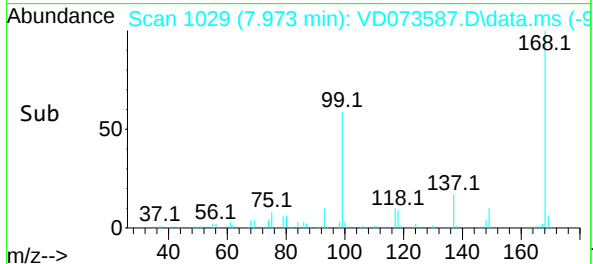
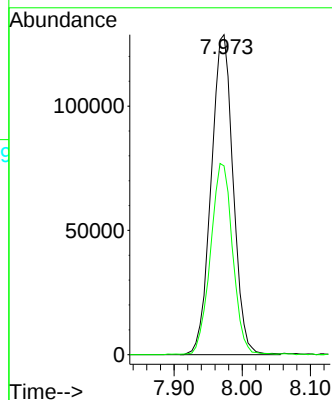
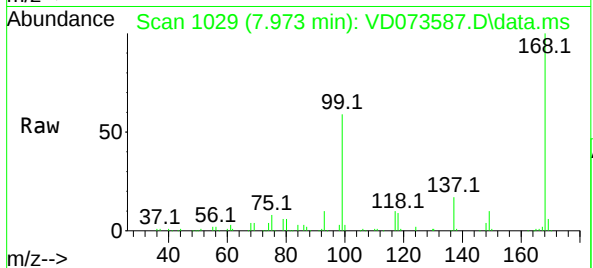




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

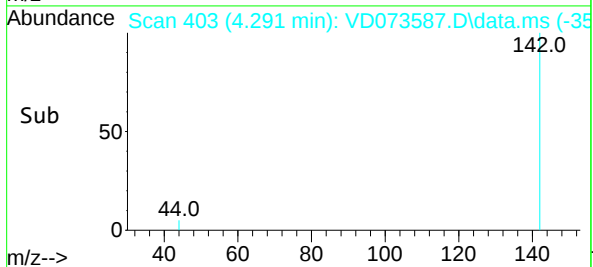
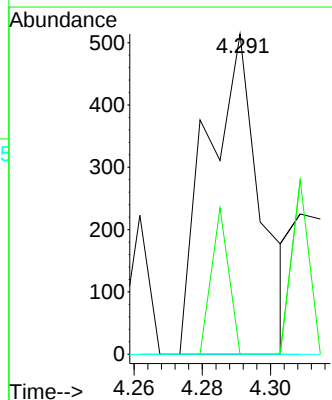
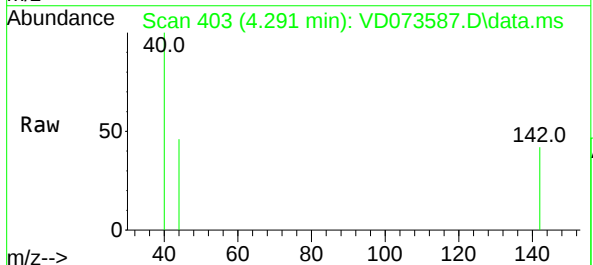
Instrument :
MSVOA_D
ClientSampleId :

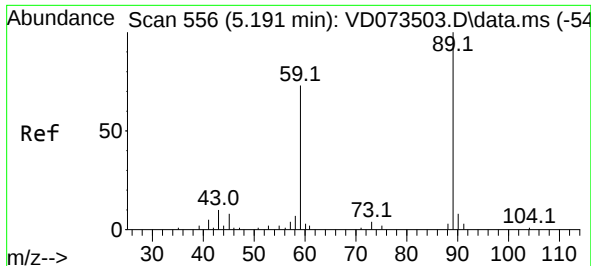
Tgt Ion:168 Resp: 288736
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#10
Methyl Iodide
Concen: 4.317 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

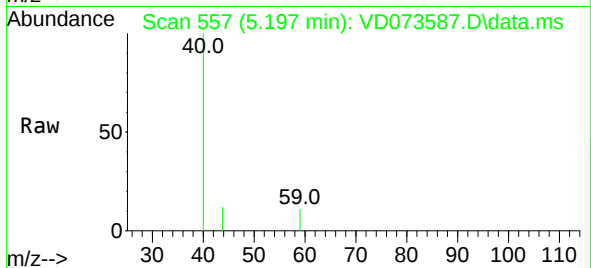
Tgt Ion:142 Resp: 561
Ion Ratio Lower Upper
142 100
127 14.8 37.3 55.9#
141 0.0 11.7 17.5#



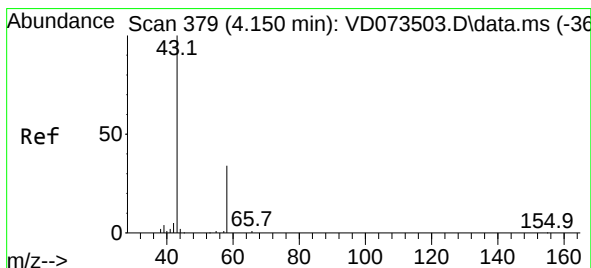
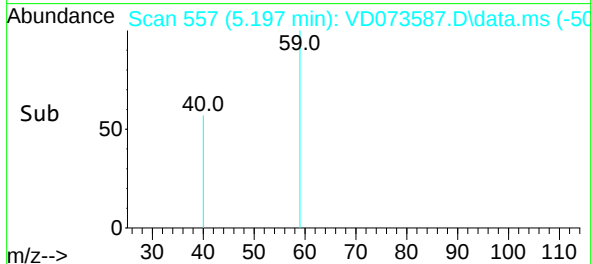
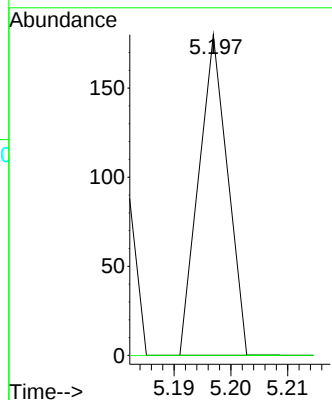


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :

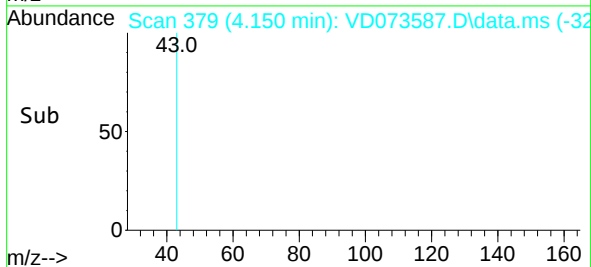
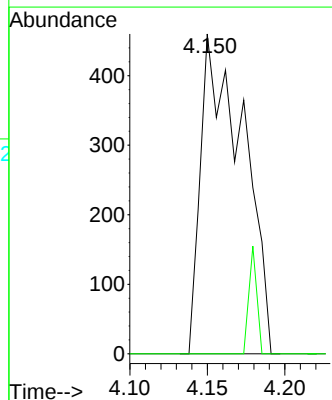
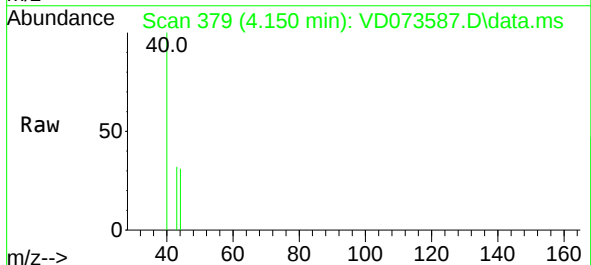


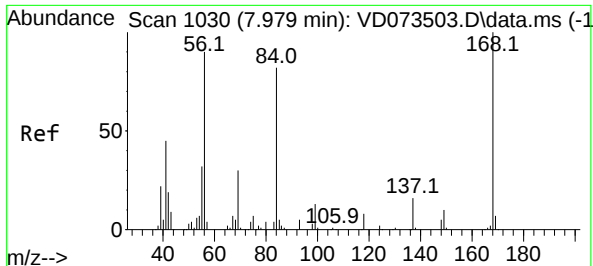
Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 1.589 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#





#31

Cyclohexane

Concen: 1.338 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.012 min

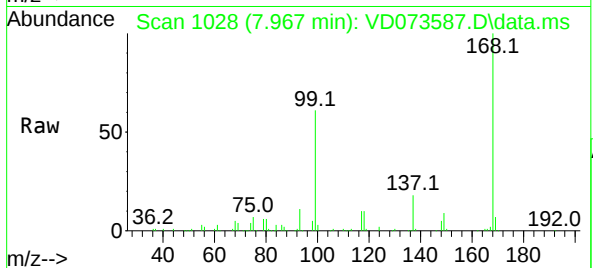
Lab File: VD073587.D

Acq: 15 Jun 2022 13:07

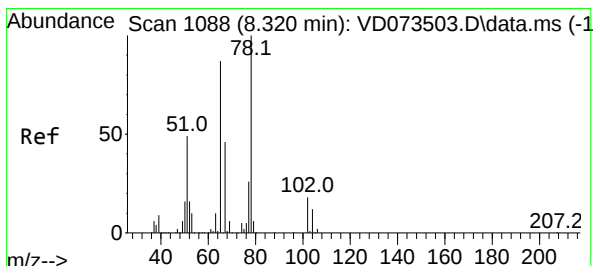
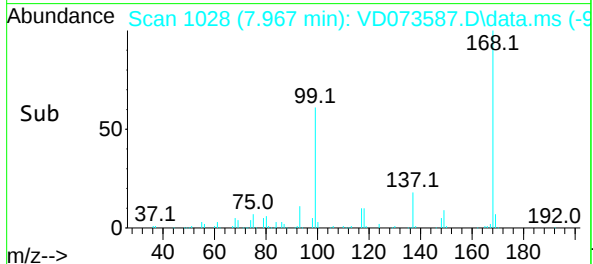
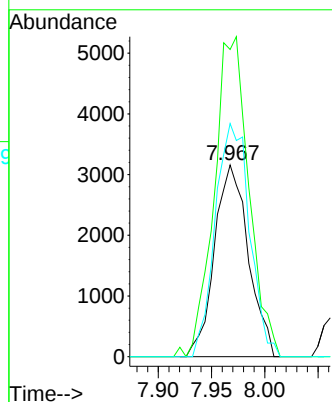
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	6985
Ion Ratio	100	Lower	Upper
56	100		
69	160.3	25.4	38.2#
84	121.7	63.0	94.4#



#33

1,2-Dichloroethane-d4

Concen: 51.430 ug/l

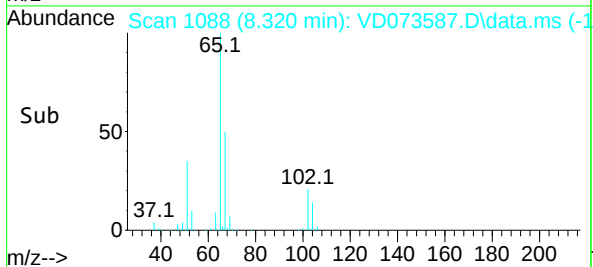
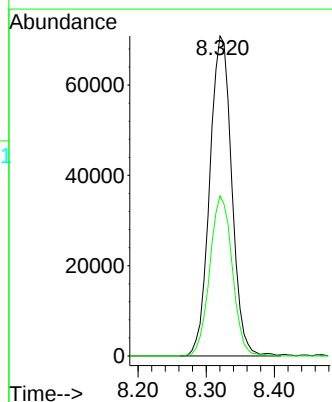
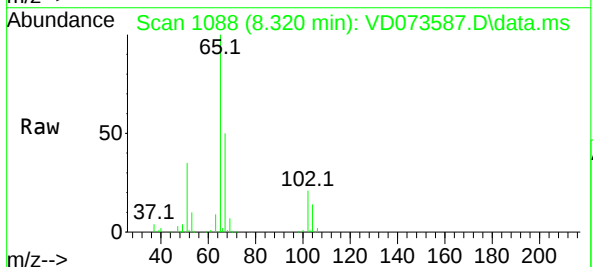
RT: 8.320 min Scan# 1088

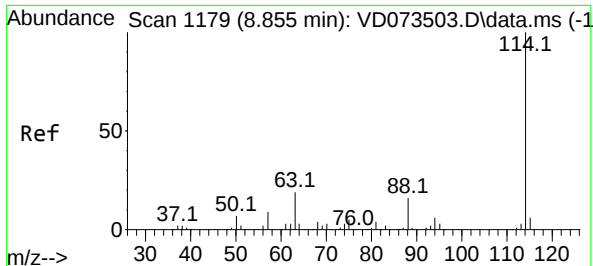
Delta R.T. 0.000 min

Lab File: VD073587.D

Acq: 15 Jun 2022 13:07

Tgt Ion:	65	Resp:	159357
Ion Ratio	100	Lower	Upper
65	100		
67	51.1	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073587.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

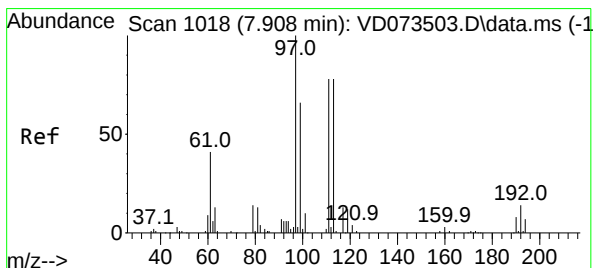
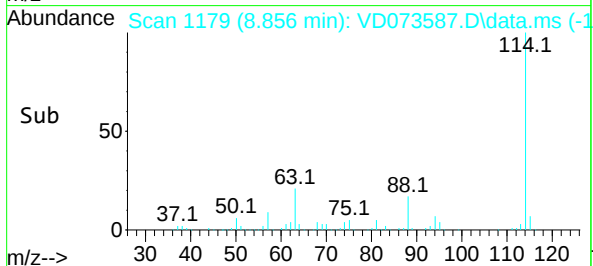
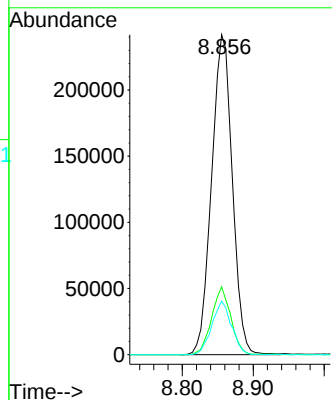
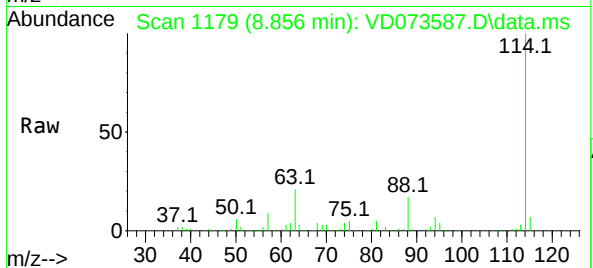
Tgt Ion:114 Resp: 489698

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.413 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD073587.D

Acq: 15 Jun 2022 13:07

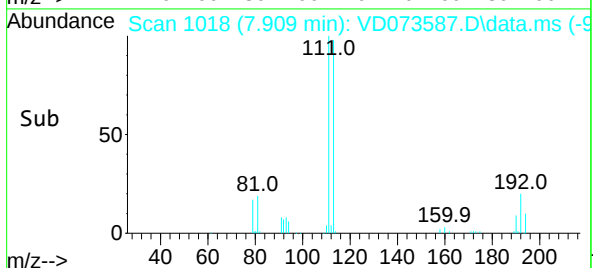
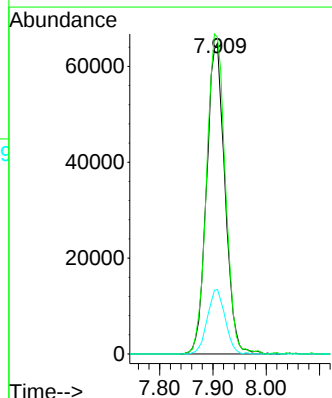
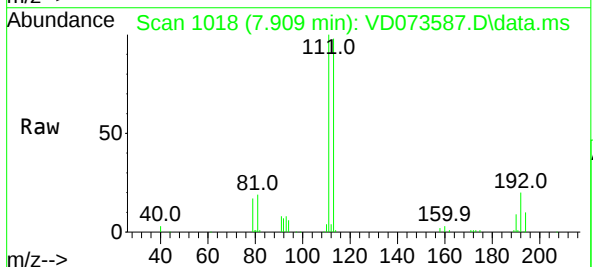
Tgt Ion:113 Resp: 155599

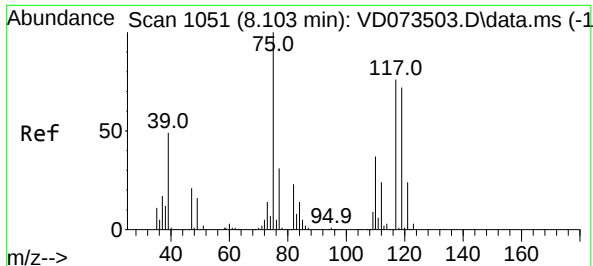
Ion Ratio Lower Upper

113 100

111 104.9 83.8 125.6

192 20.0 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.953 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.130 min

Lab File: VD073587.D

Acq: 15 Jun 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

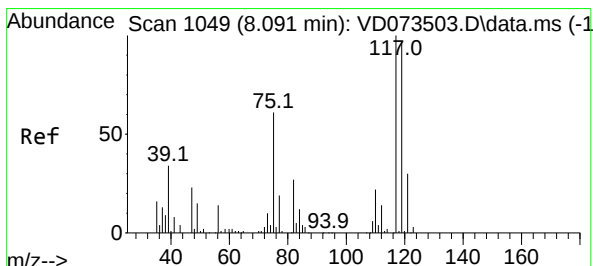
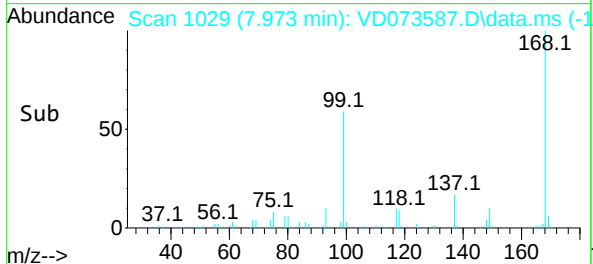
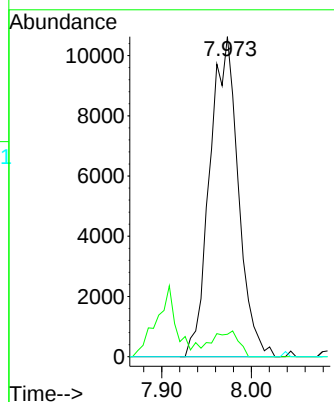
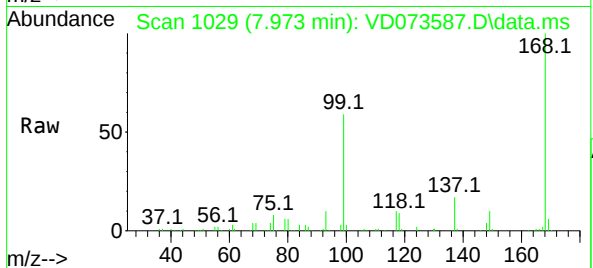
Tgt Ion: 75 Resp: 23426

Ion Ratio Lower Upper

75 100

110 7.3 16.4 49.1#

77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 6.003 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.118 min

Lab File: VD073587.D

Acq: 15 Jun 2022 13:07

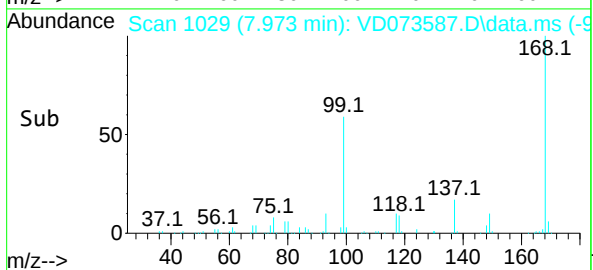
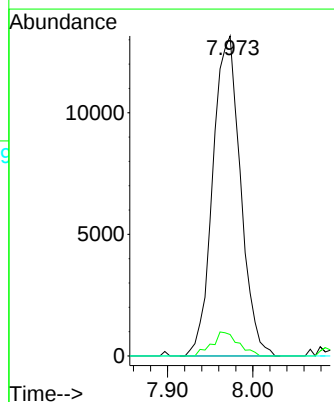
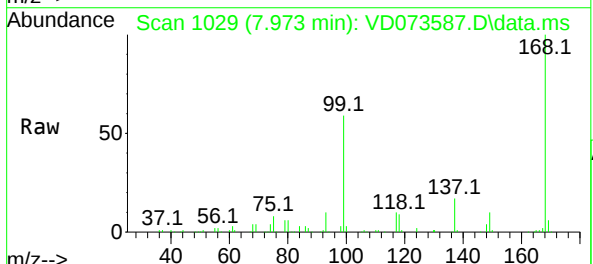
Tgt Ion: 117 Resp: 29700

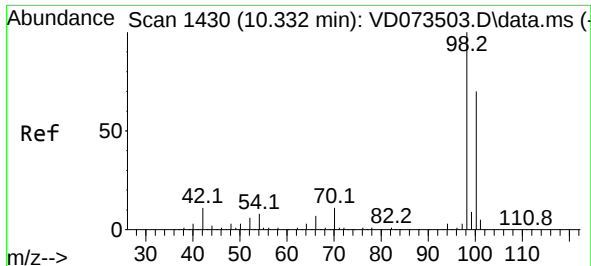
Ion Ratio Lower Upper

117 100

119 6.7 75.8 113.6#

121 0.0 24.5 36.7#

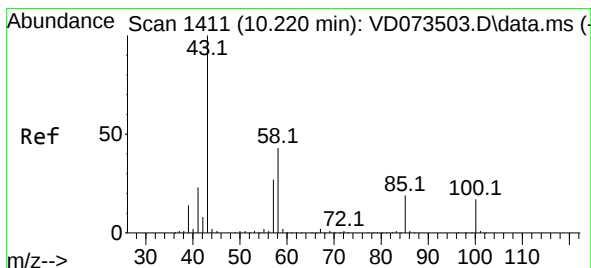
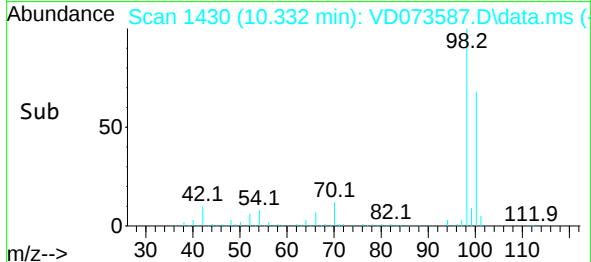
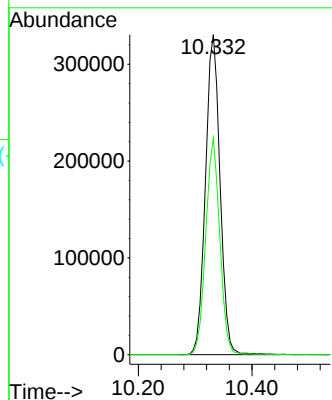
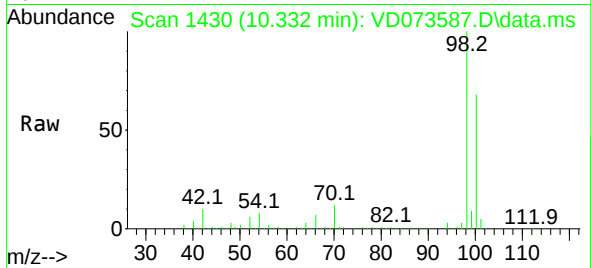




#50
Toluene-d8
Concen: 49.363 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

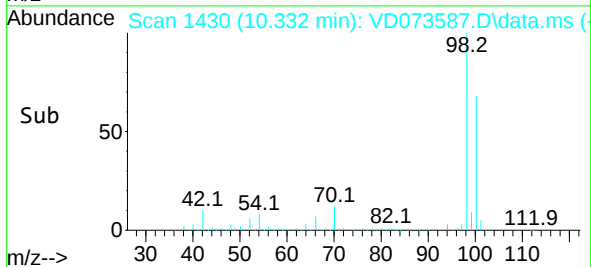
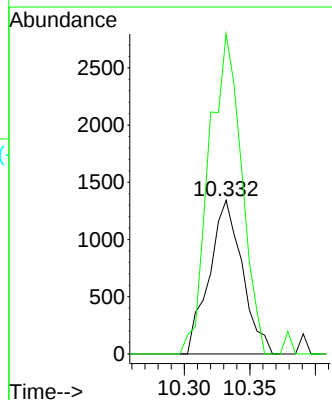
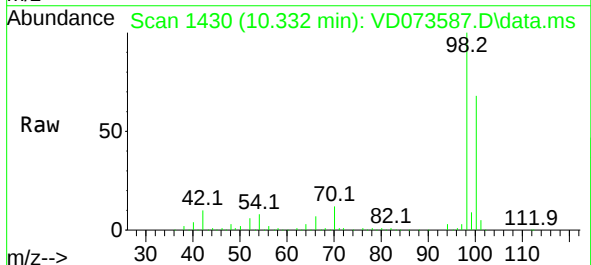
Instrument :
MSVOA_D
ClientSampleId :

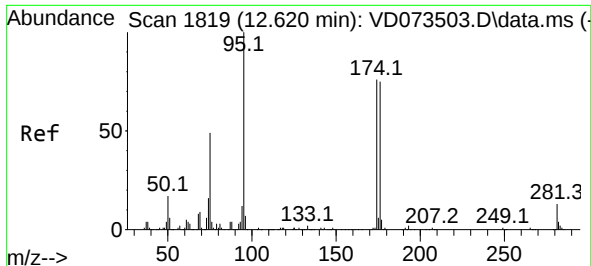
Tgt Ion: 98 Resp: 587707
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.262 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 43 Resp: 2348
Ion Ratio Lower Upper
43 100
58 205.8 28.6 43.0#

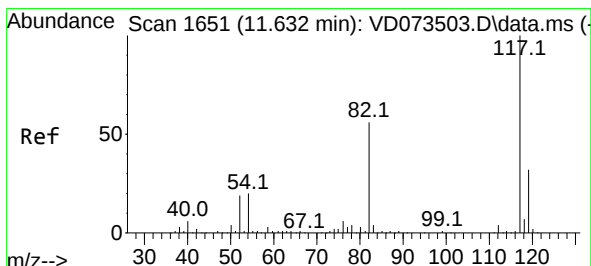
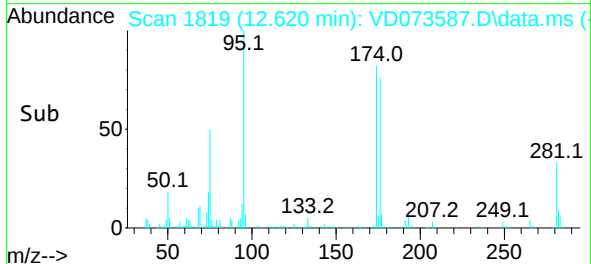
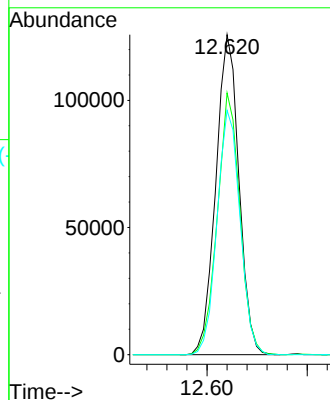
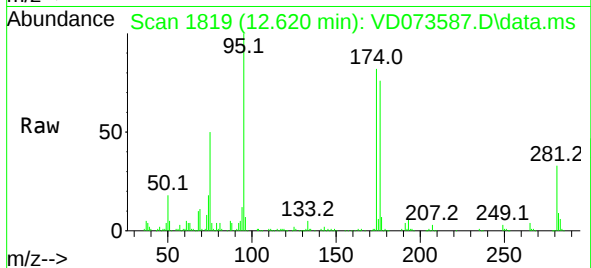




#62
4-Bromofluorobenzene
Concen: 46.529 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

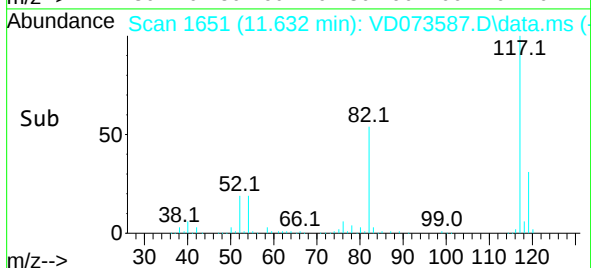
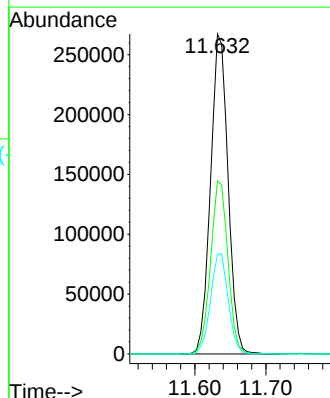
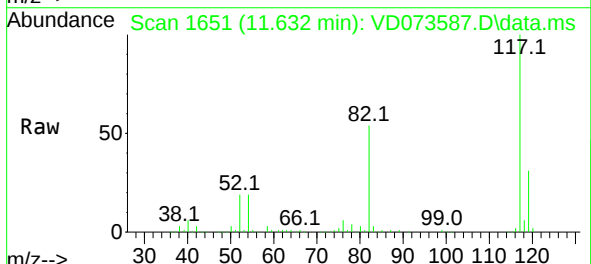
Instrument :
MSVOA_D
ClientSampleId :

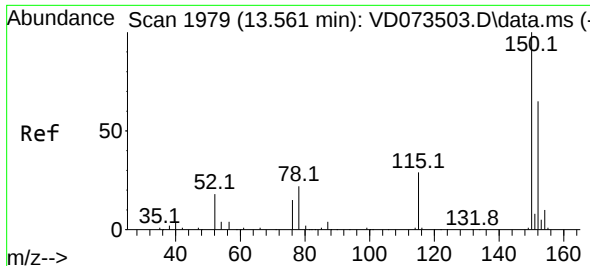
Tgt Ion: 95 Resp: 201106
Ion Ratio Lower Upper
95 100
174 79.7 0.0 152.8
176 76.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 117 Resp: 456558
Ion Ratio Lower Upper
117 100
82 54.1 45.3 67.9
119 31.2 26.6 40.0

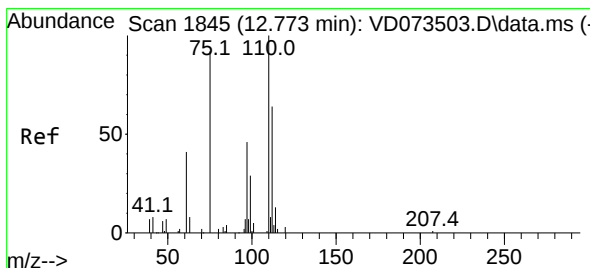
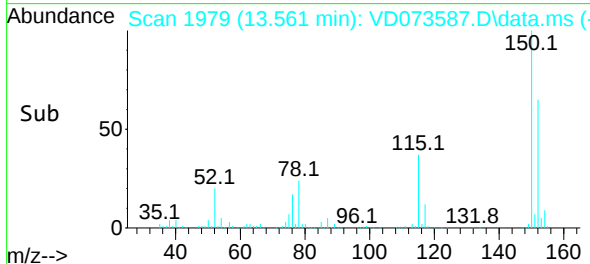
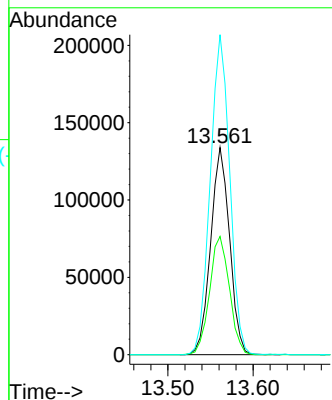
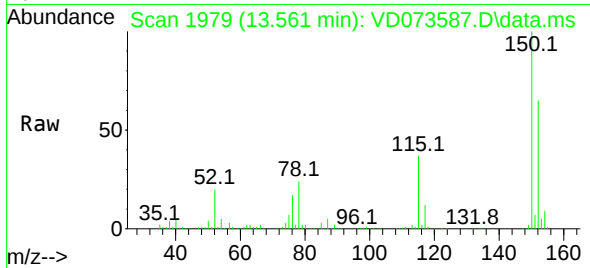




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073587.D
 Acq: 15 Jun 2022 13:07

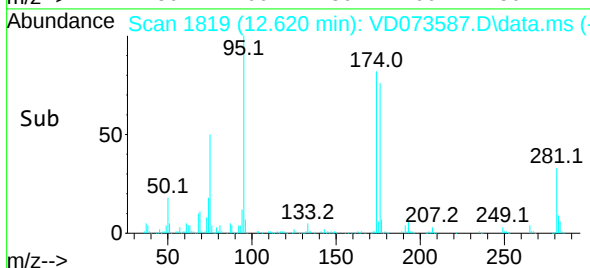
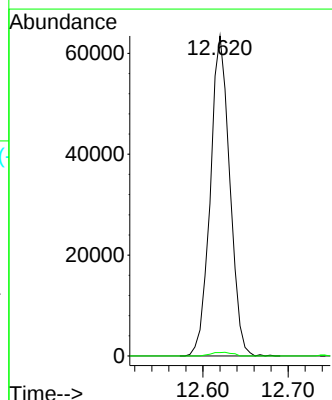
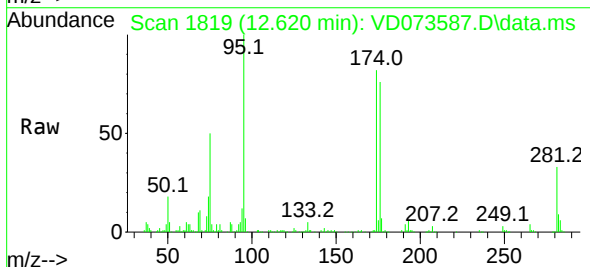
Instrument :
 MSVOA_D
 ClientSampleId :

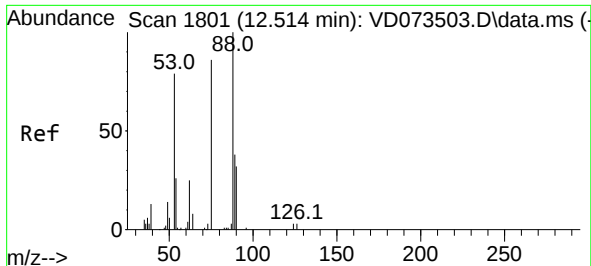
Tgt Ion:152 Resp: 206888
 Ion Ratio Lower Upper
 152 100
 115 59.7 31.3 93.8
 150 158.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 50.176 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD073587.D
 Acq: 15 Jun 2022 13:07

Tgt Ion: 75 Resp: 100845
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

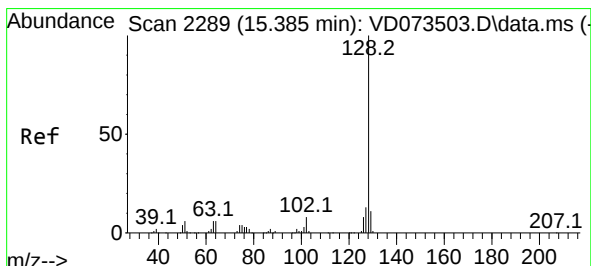
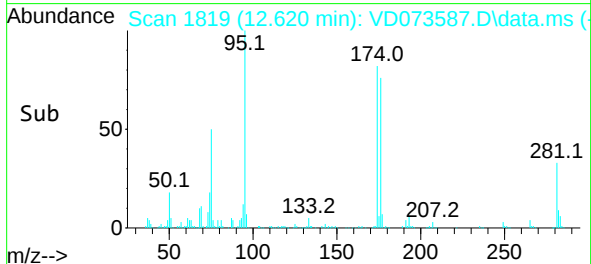
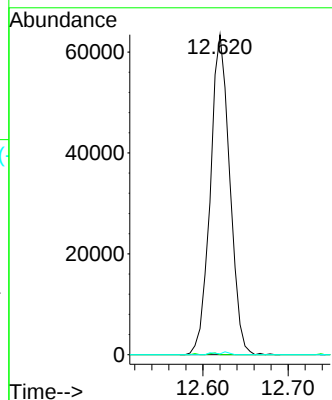
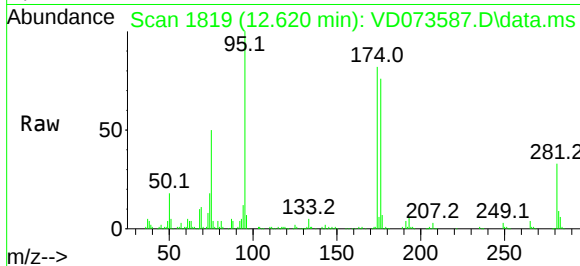




#81
trans-1,4-Dichloro-2-butene
Concen: 117.771 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 100845
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.6 33.9 50.9#



#95
Naphthalene
Concen: 4.285 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD073587.D
Acq: 15 Jun 2022 13:07

Tgt Ion: 128 Resp: 666
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

