

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073586.D
 Acq On : 15 Jun 2022 12:01
 Operator : VA/SY
 Sample : N3287-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 16 06:02:48 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)

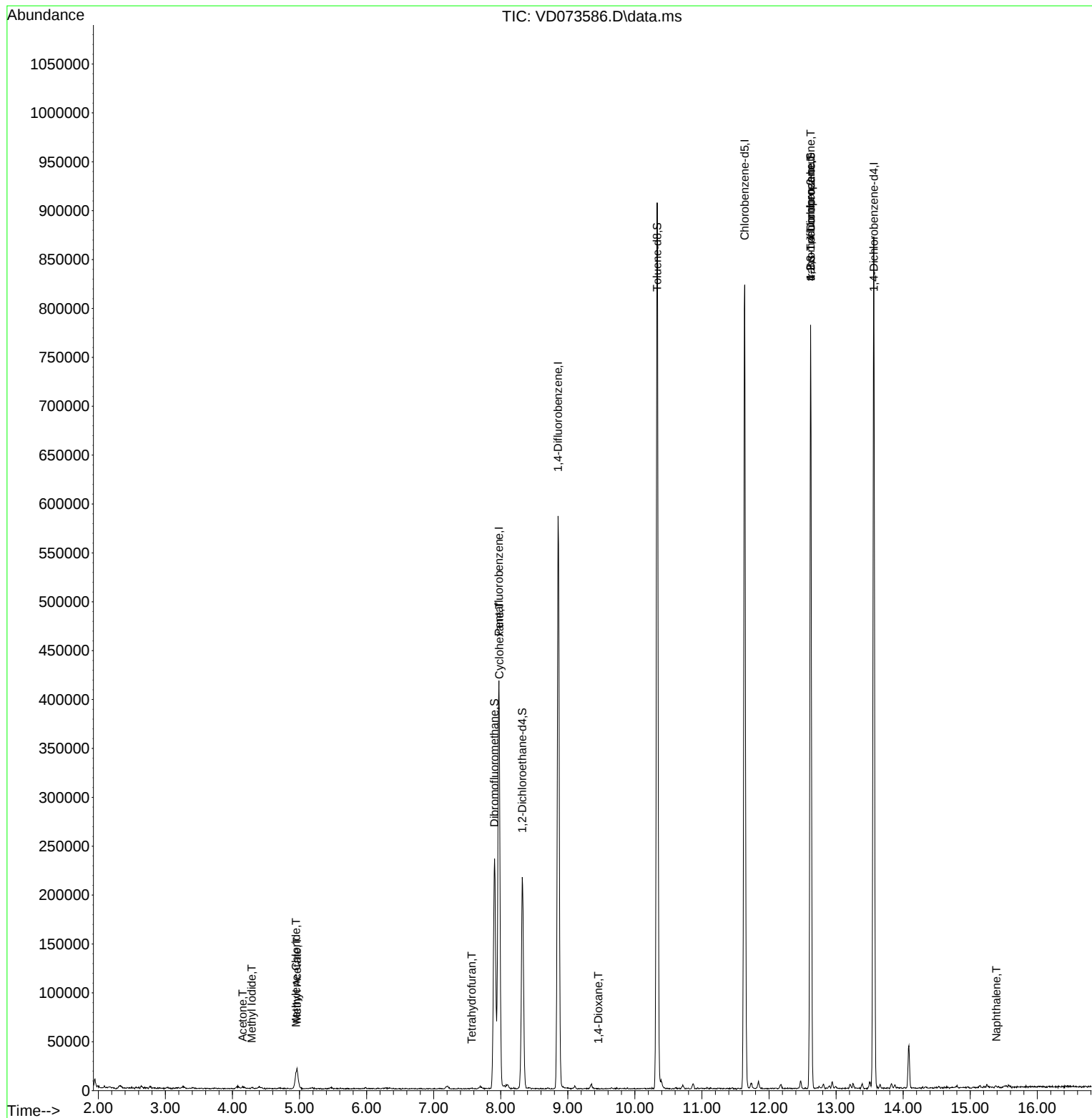
Internal Standards						
1) Pentafluorobenzene	7.973	168	300092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	506507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	482883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	231779	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	175518	54.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.000%	
35) Dibromofluoromethane	7.903	113	170780	52.434	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.860%	
50) Toluene-d8	10.332	98	611798	49.681	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.360%	
62) 4-Bromofluorobenzene	12.620	95	218149	48.798	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.600%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.285	142	539	4.306	ug/l #	81
11) Tert butyl alcohol	5.191	59	157	Below Cal	#	74
16) Acetone	4.150	43	1912	3.372	ug/l	92
18) Methyl Acetate	4.962	43	64	1.408	ug/l #	55
20) Methylene Chloride	4.950	84	15823	1.269	ug/l #	70
29) Tetrahydrofuran	7.567	42	644	1.210	ug/l #	54
31) Cyclohexane	7.979	56	7567	1.395	ug/l #	9
49) 1,4-Dioxane	9.456	88	82	3.590	ug/l #	21
76) 1,2,3-Trichloropropane	12.620	75	111721	49.618	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	111721	116.461	ug/l #	7
95) Naphthalene	15.391	128	1312	4.347	ug/l #	70

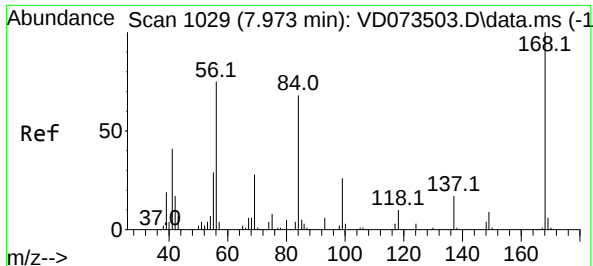
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 16 06:02:48 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

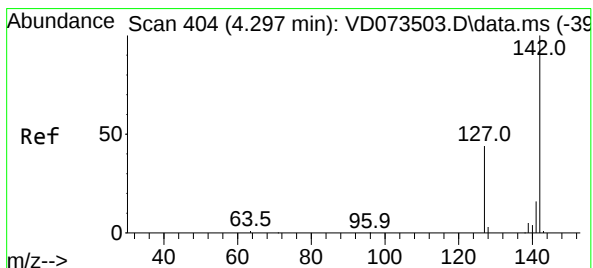
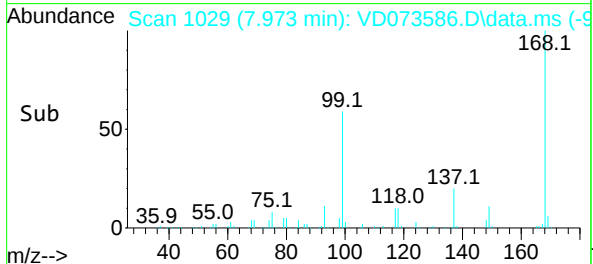
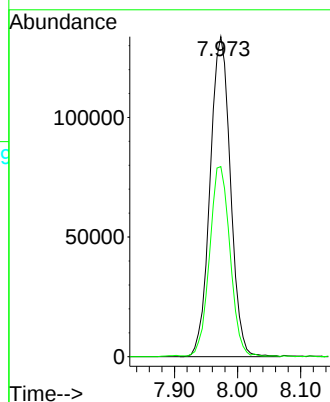
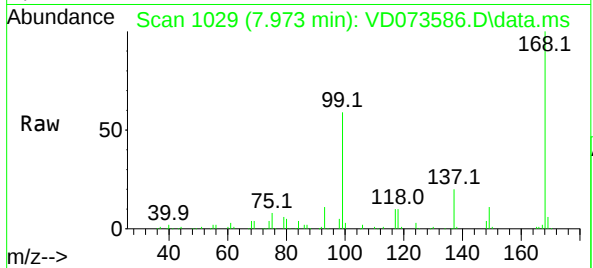




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

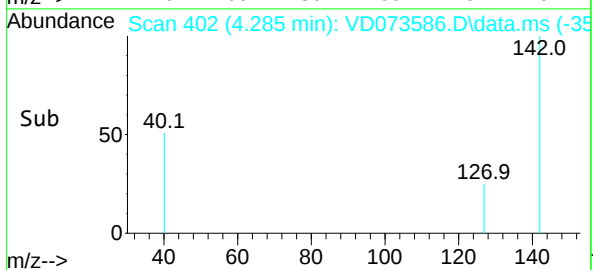
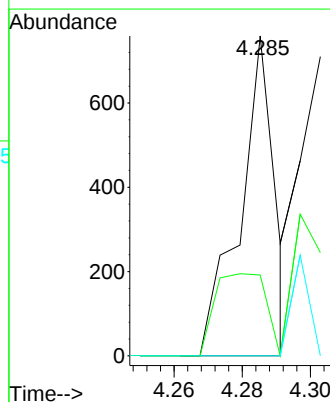
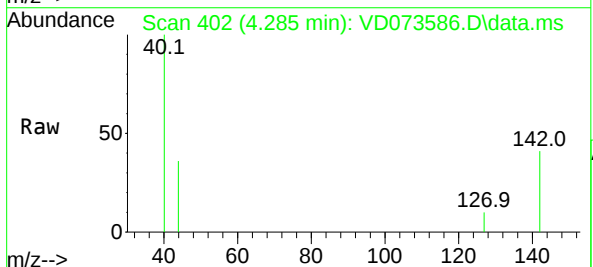
Instrument :
MSVOA_D
ClientSampleId :

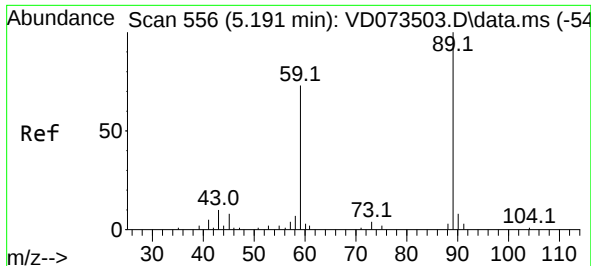
Tgt Ion:168 Resp: 300092
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#10
Methyl Iodide
Concen: 4.306 ug/l
RT: 4.285 min Scan# 402
Delta R.T. -0.012 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

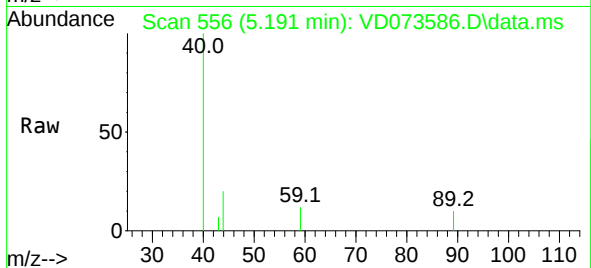
Tgt Ion:142 Resp: 539
Ion Ratio Lower Upper
142 100
127 37.5 37.3 55.9
141 0.0 11.7 17.5#



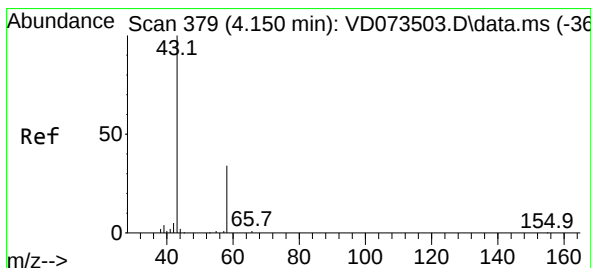
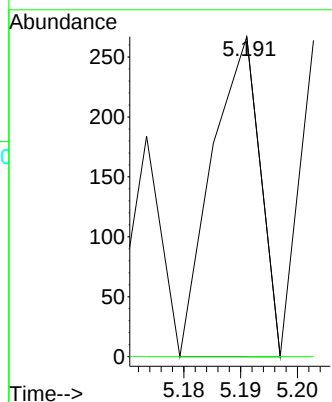


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :

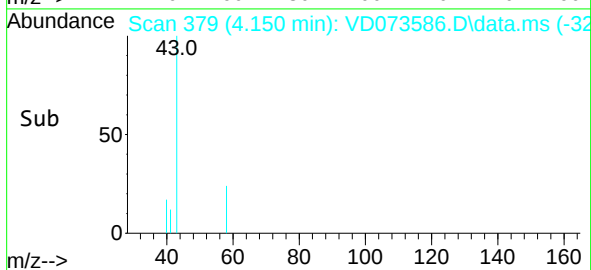
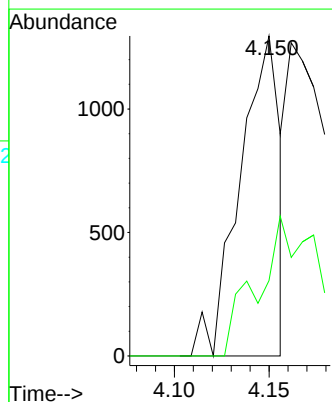
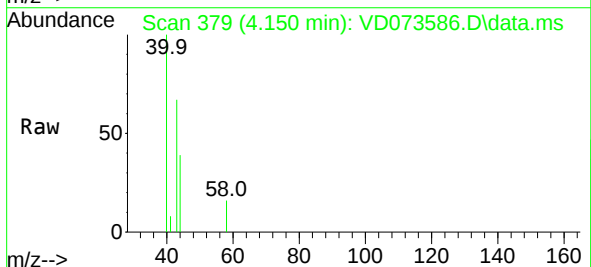


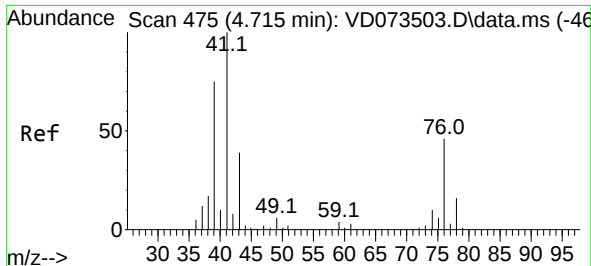
Tgt Ion: 59 Resp: 157
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.372 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

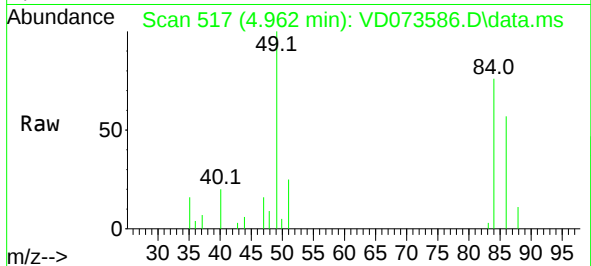
Tgt Ion: 43 Resp: 1912
Ion Ratio Lower Upper
43 100
58 23.5 22.1 33.1



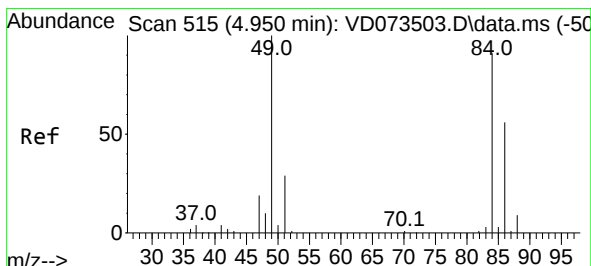
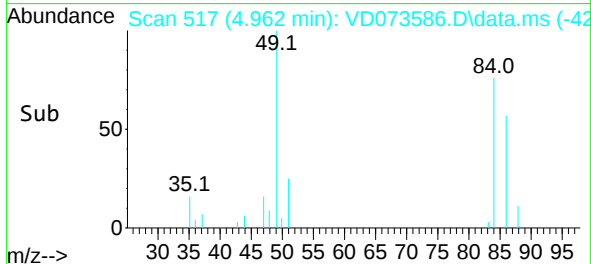
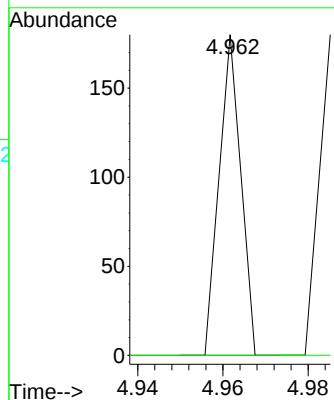


#18
Methyl Acetate
Concen: 1.408 ug/l
RT: 4.962 min Scan# 517
Delta R.T. 0.247 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :

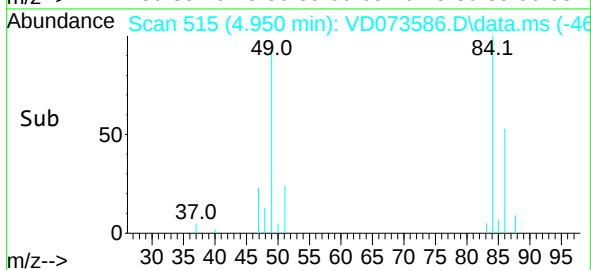
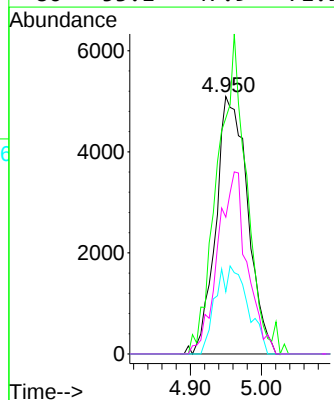
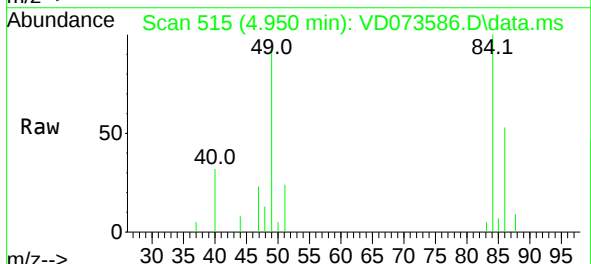


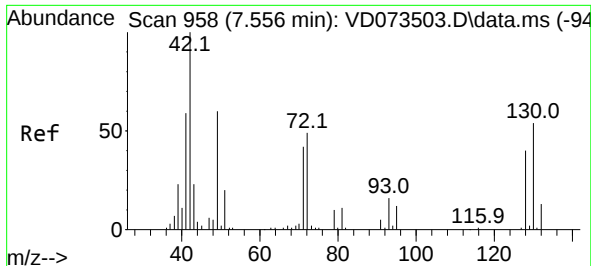
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 1.269 ug/l
RT: 4.950 min Scan# 515
Delta R.T. -0.000 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

Tgt Ion: 84 Resp: 15823
Ion Ratio Lower Upper
84 100
49 91.6 112.8 169.2#
51 24.2 32.6 48.8#
86 53.1 47.9 71.9





#29

Tetrahydrofuran

Concen: 1.210 ug/l

RT: 7.567 min Scan# 9

Delta R.T. 0.011 min

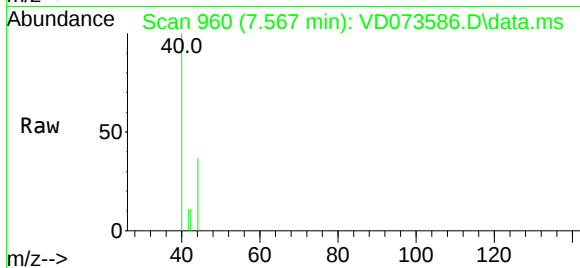
Lab File: VD073586.D

Acq: 15 Jun 2022 12:01

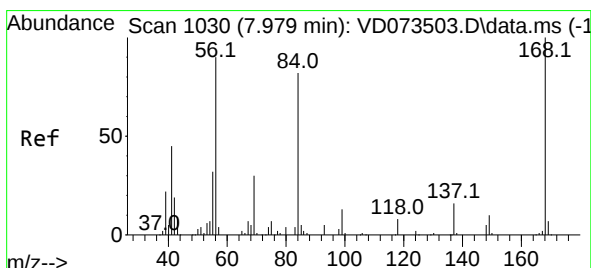
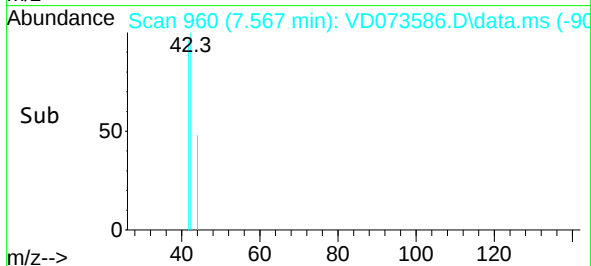
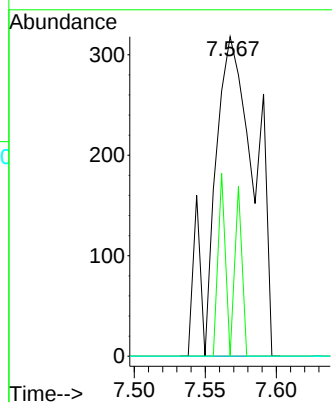
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 42	Resp: 644
Ion Ratio	Lower Upper
42	100
72	19.3 30.7 46.1#
71	0.0 28.6 43.0#



#31

Cyclohexane

Concen: 1.395 ug/l

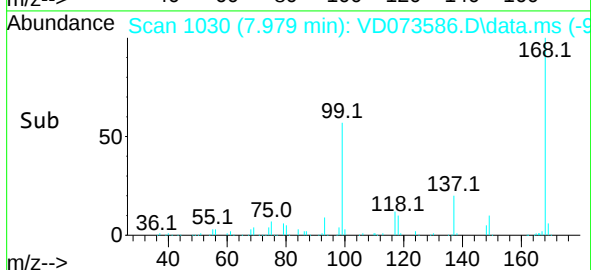
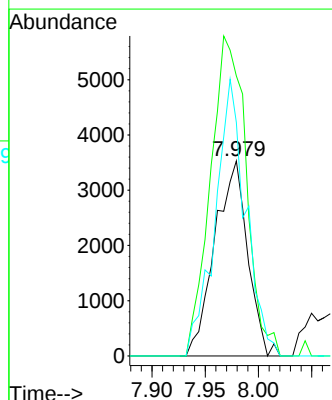
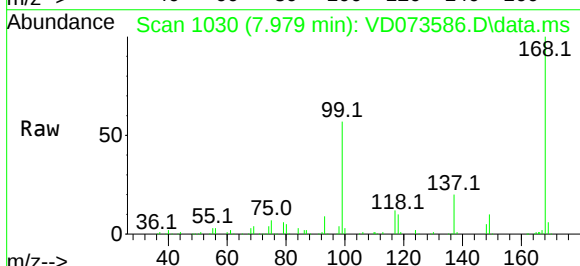
RT: 7.979 min Scan# 1030

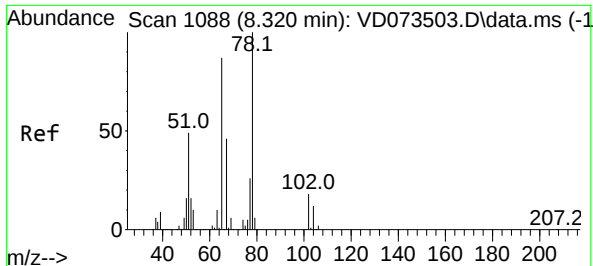
Delta R.T. 0.000 min

Lab File: VD073586.D

Acq: 15 Jun 2022 12:01

Tgt Ion: 56	Resp: 7567
Ion Ratio	Lower Upper
56	100
69	143.6 25.4 38.2#
84	119.7 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 54.502 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD073586.D

Acq: 15 Jun 2022 12:01

Instrument :

MSVOA_D

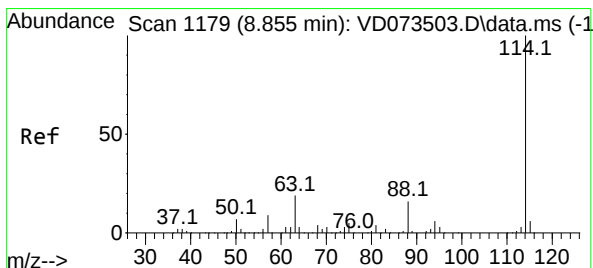
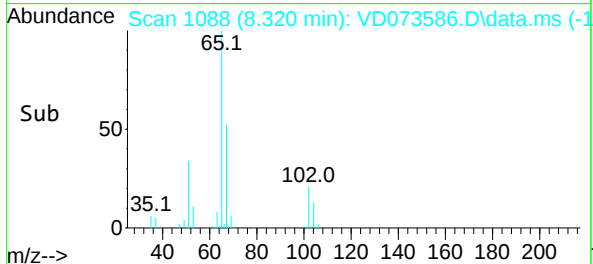
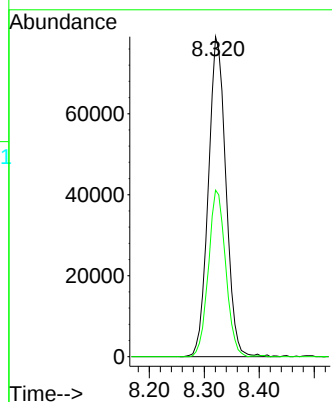
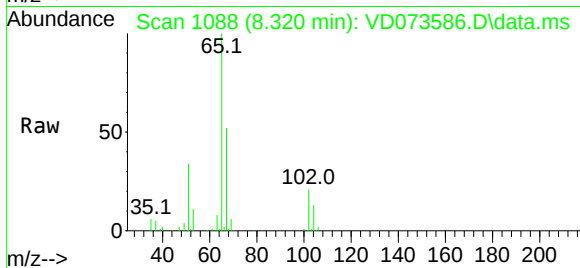
ClientSampleId :

Tgt Ion: 65 Resp: 175518

Ion Ratio Lower Upper

65 100

67 51.0 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: VD073586.D

Acq: 15 Jun 2022 12:01

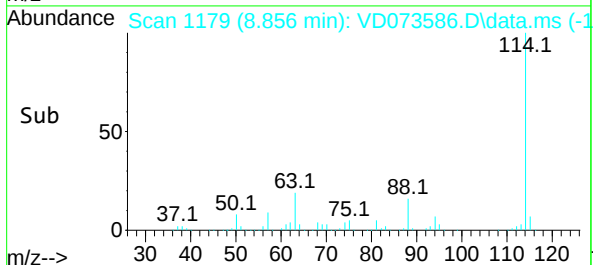
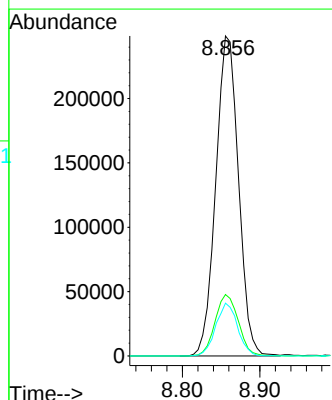
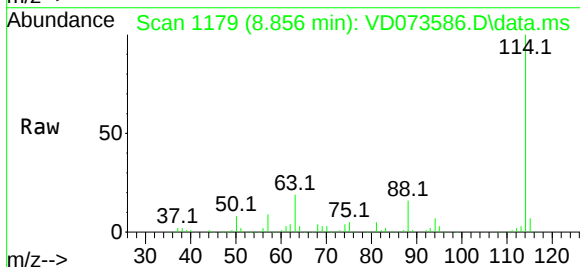
Tgt Ion: 114 Resp: 506507

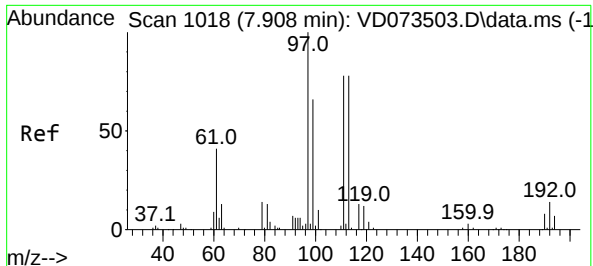
Ion Ratio Lower Upper

114 100

63 19.2 0.0 46.6

88 16.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.434 ug/l

RT: 7.903 min Scan# 1018

Delta R.T. -0.005 min

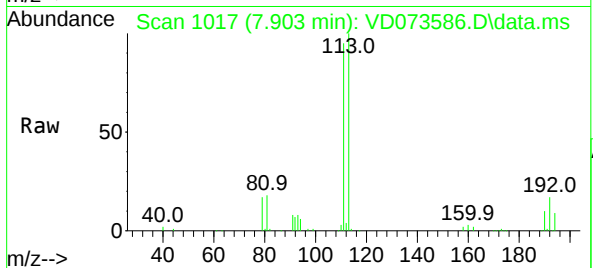
Lab File: VD073586.D

Acq: 15 Jun 2022 12:01

Instrument :

MSVOA_D

ClientSampleId :



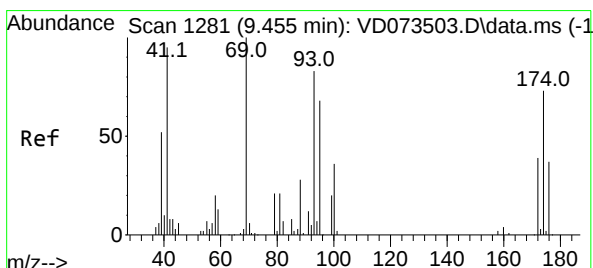
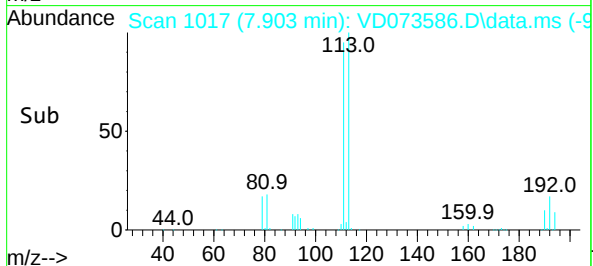
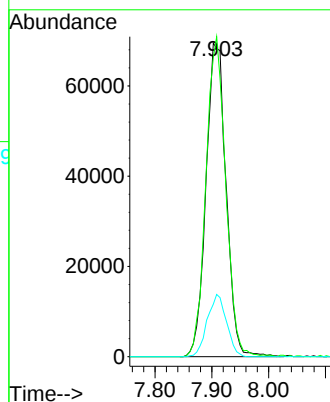
Tgt Ion:113 Resp: 170780

Ion Ratio Lower Upper

113 100

111 99.9 83.8 125.6

192 19.0 14.6 21.8



#49

1,4-Dioxane

Concen: 3.590 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.001 min

Lab File: VD073586.D

Acq: 15 Jun 2022 12:01

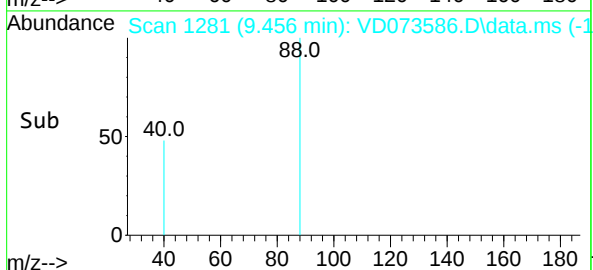
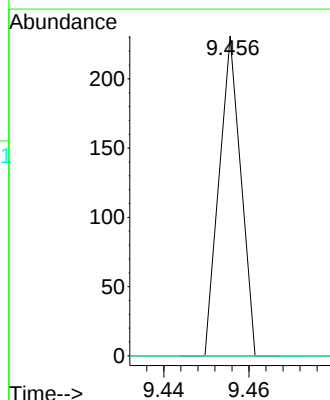
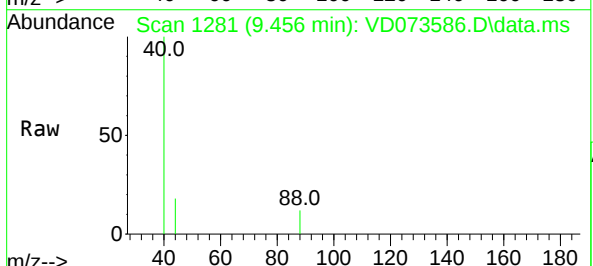
Tgt Ion: 88 Resp: 82

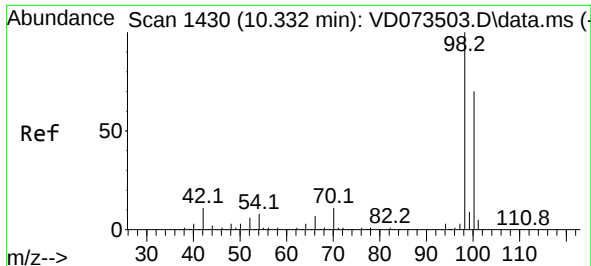
Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 0.0 58.1 87.1#

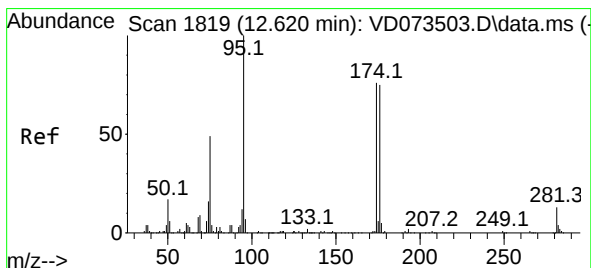
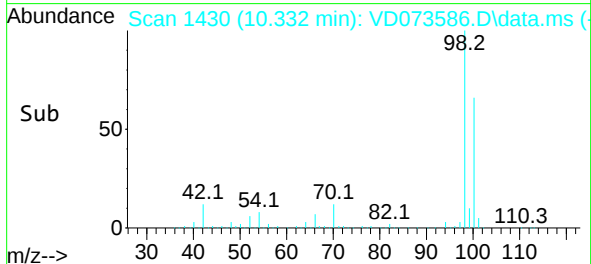
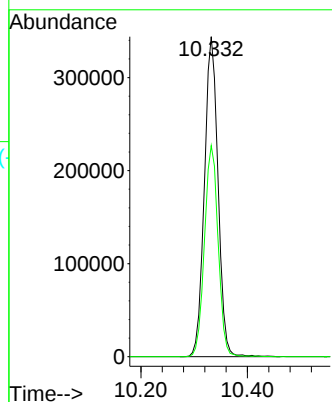
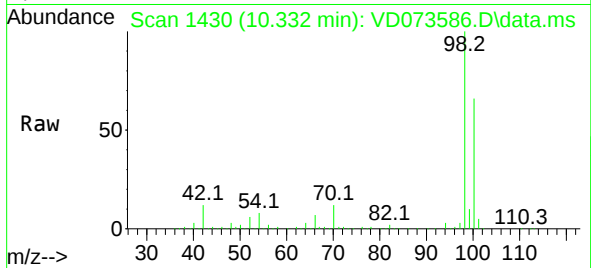




#50
Toluene-d8
Concen: 49.681 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

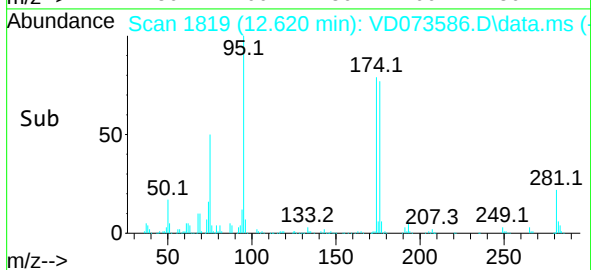
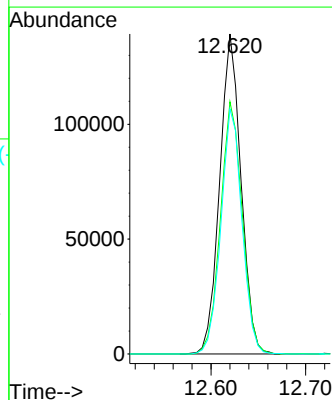
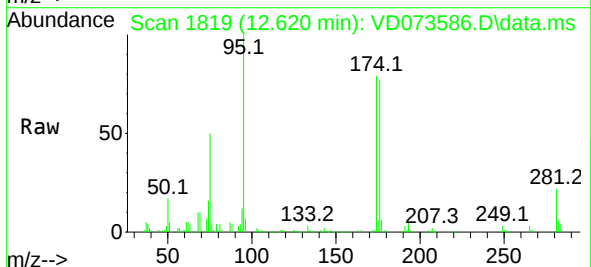
Instrument :
MSVOA_D
ClientSampleId :

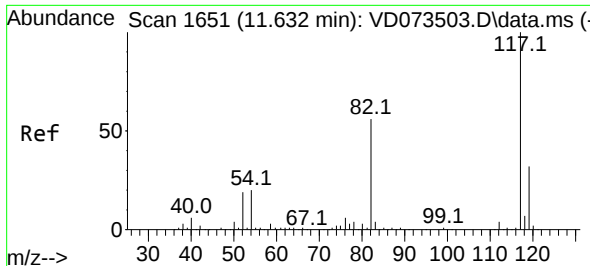
Tgt Ion: 98 Resp: 611798
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.798 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

Tgt Ion: 95 Resp: 218149
Ion Ratio Lower Upper
95 100
174 80.5 0.0 152.8
176 75.6 0.0 145.4

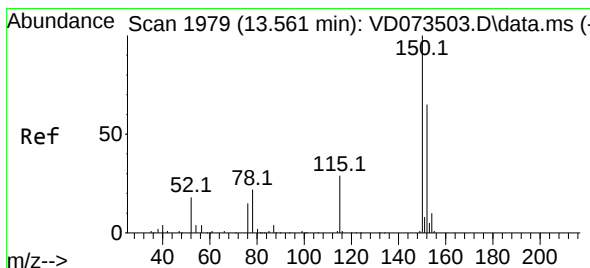
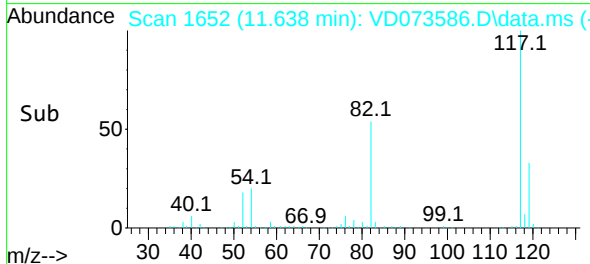
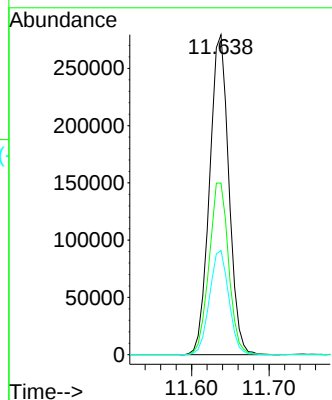
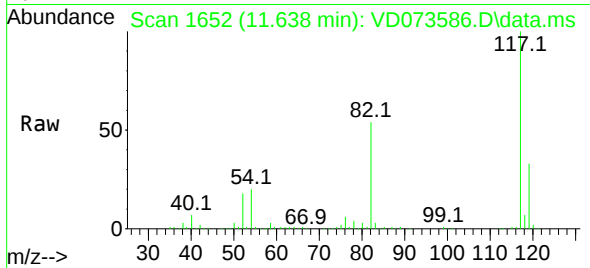




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

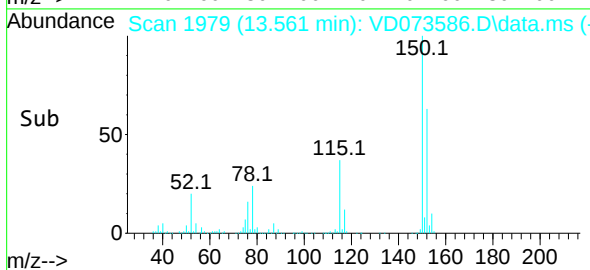
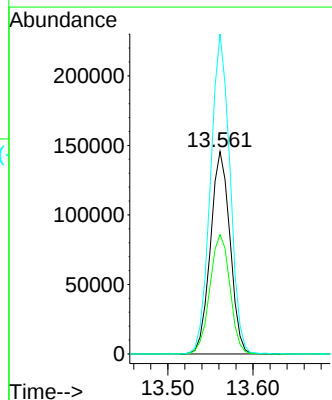
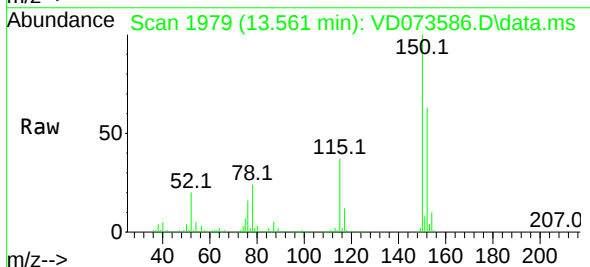
Instrument :
MSVOA_D
ClientSampleId :

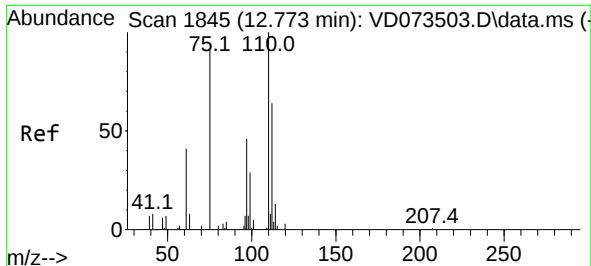
Tgt Ion:117 Resp: 482883
Ion Ratio Lower Upper
117 100
82 53.7 45.3 67.9
119 32.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

Tgt Ion:152 Resp: 231779
Ion Ratio Lower Upper
152 100
115 60.4 31.3 93.8
150 157.4 0.0 348.6

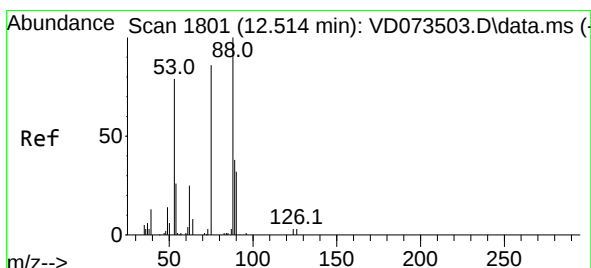
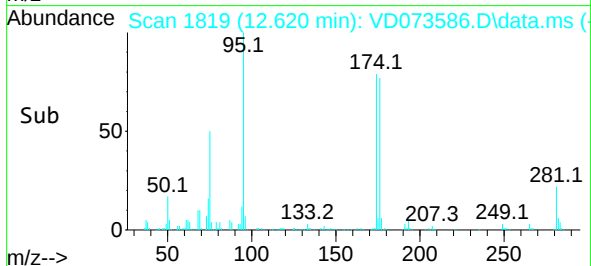
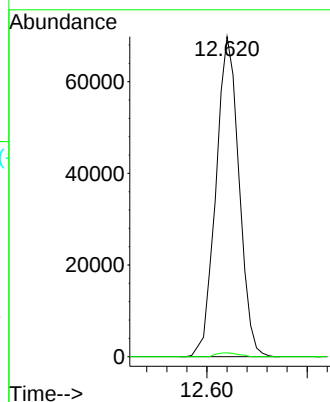
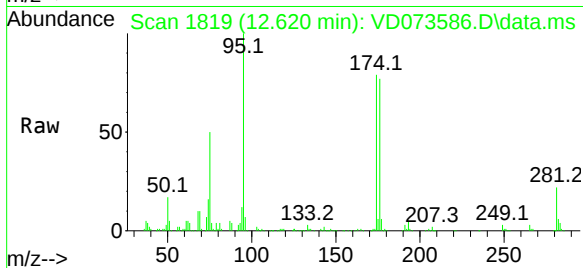




#76
1,2,3-Trichloropropane
Concen: 49.618 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

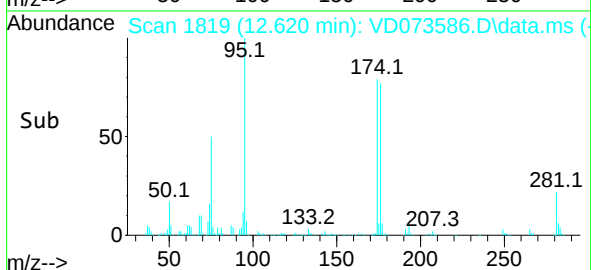
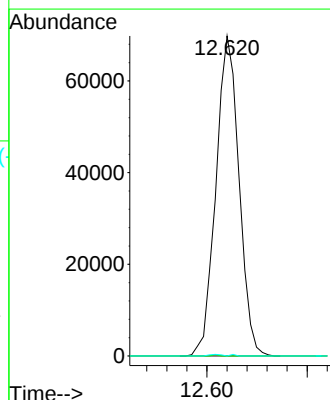
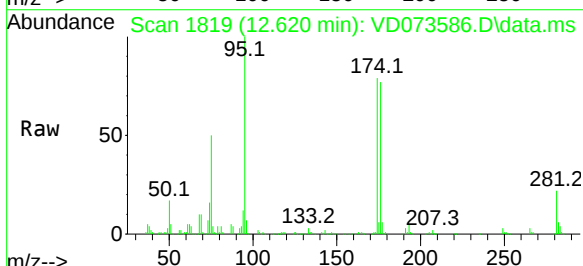
Instrument :
MSVOA_D
ClientSampleId :

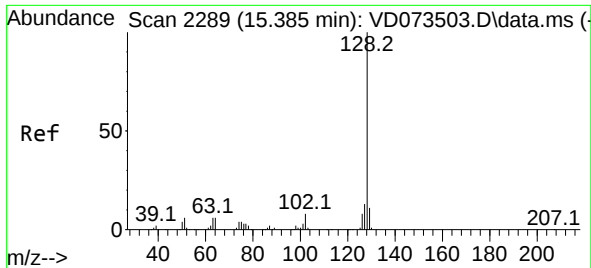
Tgt Ion: 75 Resp: 111721
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.461 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

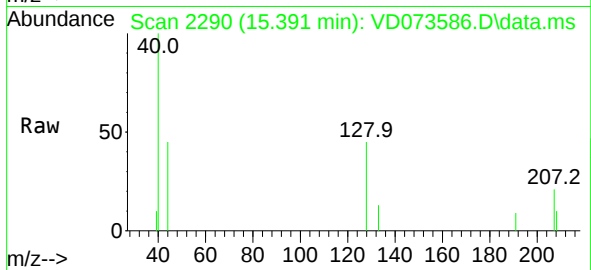
Tgt Ion: 75 Resp: 111721
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.3 33.9 50.9#





#95
Naphthalene
Concen: 4.347 ug/l
RT: 15.391 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD073586.D
Acq: 15 Jun 2022 12:01

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 1312
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

