

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110821\
 Data File : VD070933.D
 Acq On : 08 Nov 2021 13:54
 Operator : VA/SY
 Sample : VD1108SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBL01

Quant Time: Nov 09 02:32:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 08 13:56:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	559397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1027386	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	965875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	447777	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	321911	46.854	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.700%
35) Dibromofluoromethane	7.908	113	317495	49.330	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.660%
50) Toluene-d8	10.332	98	1272313	50.854	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.700%
62) 4-Bromofluorobenzene	12.620	95	486425	51.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.000%

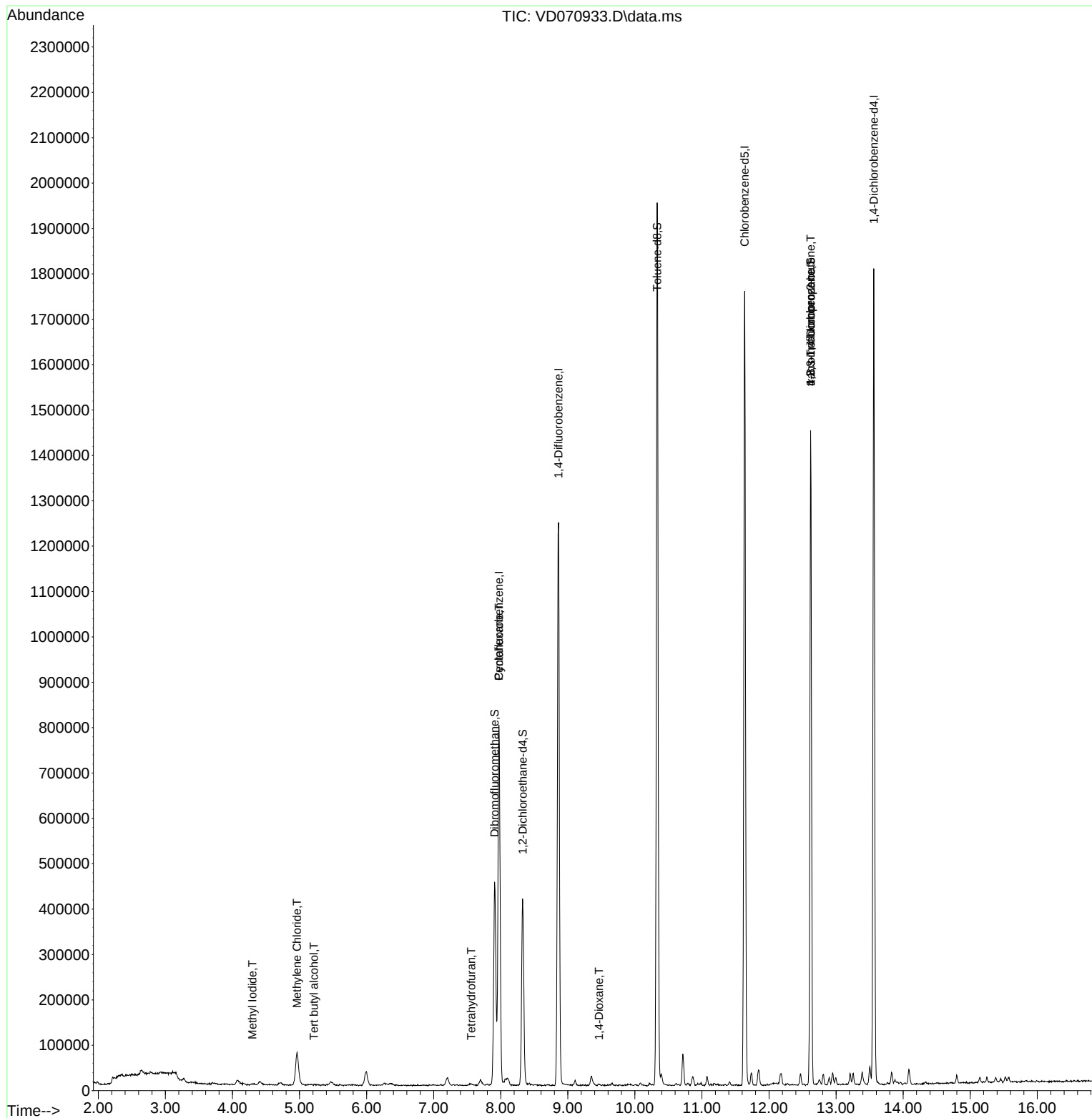
Target Compounds					Qvalue	
10) Methyl Iodide	4.297	142	3430	4.886	ug/l #	87
11) Tert butyl alcohol	5.215	59	568	1.276	ug/l #	71
13) Acrolein	3.926	56	589	Below Cal	#	51
16) Acetone	4.168	43	5736	Below Cal	#	78
20) Methylene Chloride	4.962	84	53122	4.996	ug/l	93
29) Tetrahydrofuran	7.561	42	1203	1.036	ug/l #	74
31) Cyclohexane	7.973	56	22979	1.710	ug/l #	27
49) 1,4-Dioxane	9.467	88	193	4.807	ug/l #	3
76) 1,2,3-Trichloropropane	12.620	75	256751	56.908	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	256751	135.026	ug/l #	18

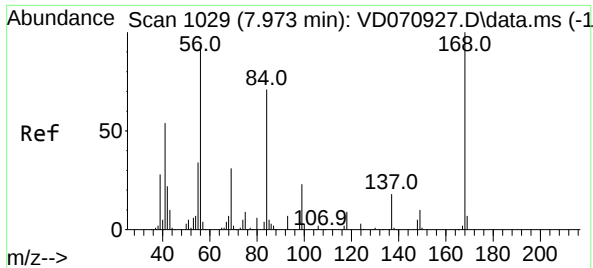
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD070933.D
Acq On : 08 Nov 2021 13:54
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Nov 09 02:32:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110521S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 08 13:56:36 2021
Response via : Initial Calibration

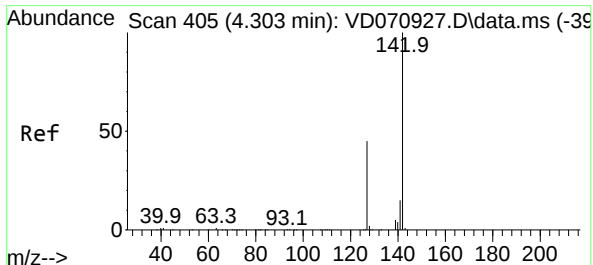
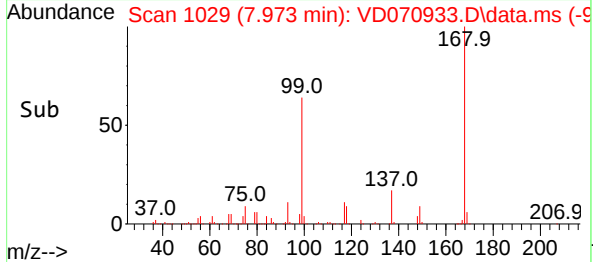
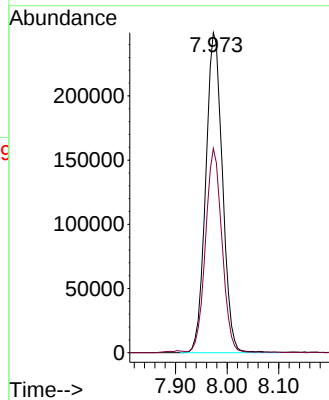
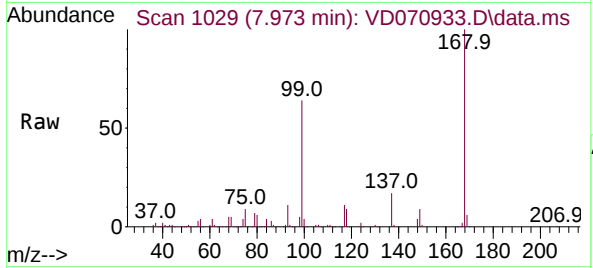




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD070933.D
Acq: 08 Nov 2021 13:54

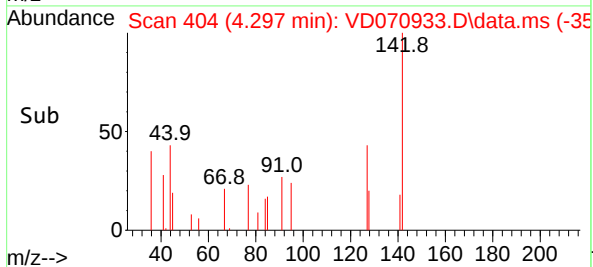
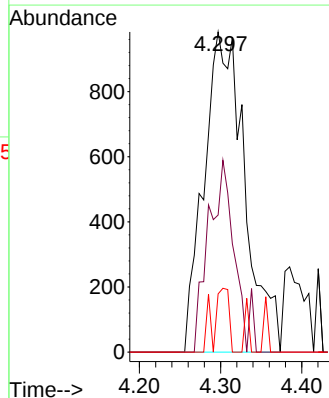
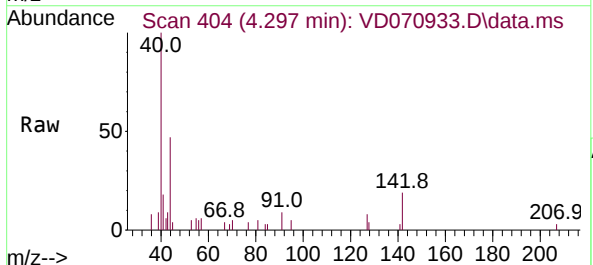
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

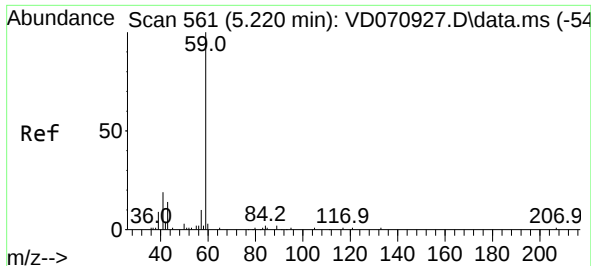
Tgt Ion:168 Resp: 559397
Ion Ratio Lower Upper
168 100
99 63.7 46.6 69.8



#10
Methyl Iodide
Concen: 4.886 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD070933.D
Acq: 08 Nov 2021 13:54

Tgt Ion:142 Resp: 3430
Ion Ratio Lower Upper
142 100
127 36.5 35.0 52.4
141 7.7 12.0 18.0#

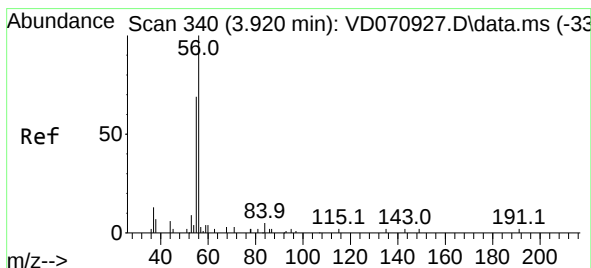
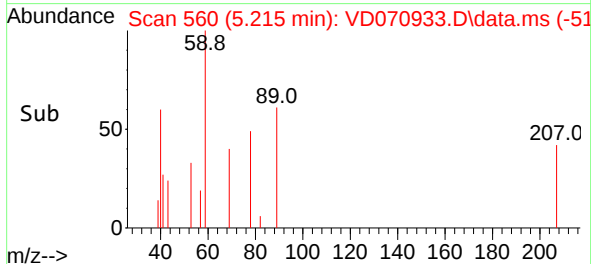
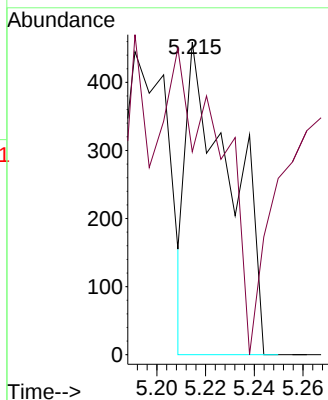
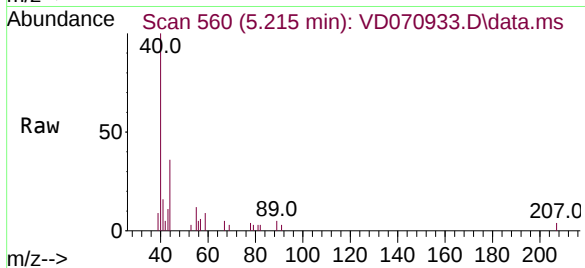




#11
Tert butyl alcohol
Concen: 1.276 ug/l
RT: 5.215 min Scan# 50
Delta R.T. -0.005 min
Lab File: VD070933.D
Acq: 08 Nov 2021 13:54

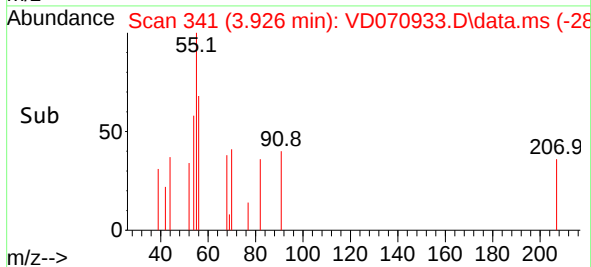
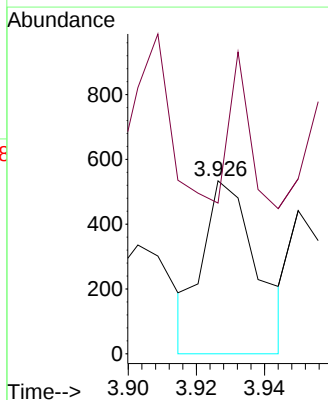
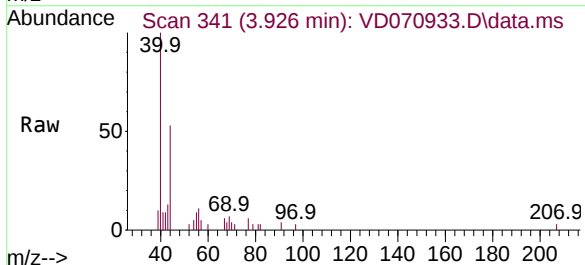
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

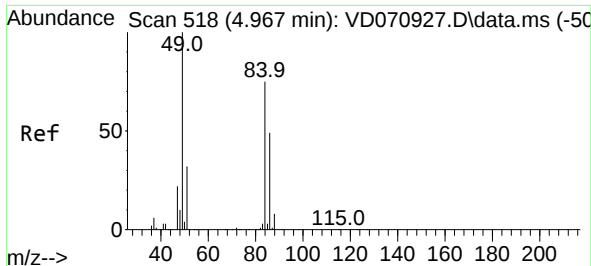
Tgt Ion: 59 Resp: 568
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#13
Acrolein
Concen: Below Cal
RT: 3.926 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD070933.D
Acq: 08 Nov 2021 13:54

Tgt Ion: 56 Resp: 589
Ion Ratio Lower Upper
56 100
55 32.4 58.6 87.8#

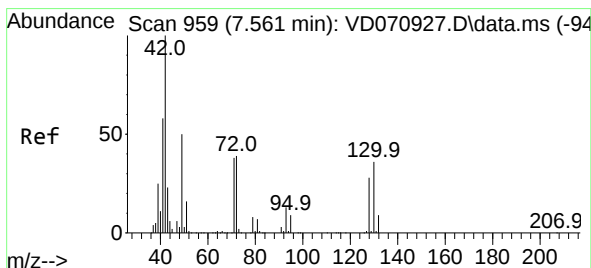
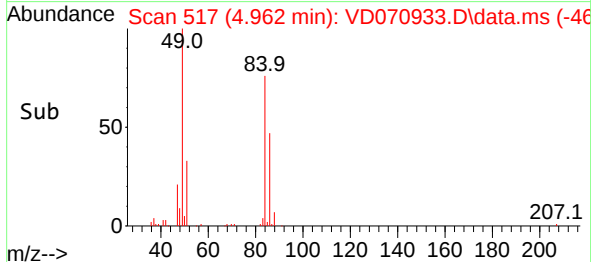
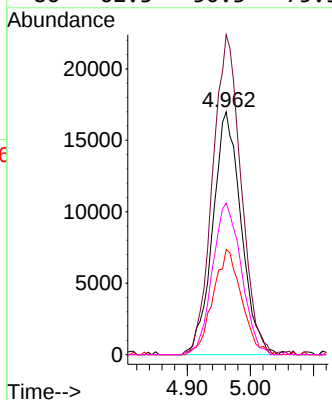
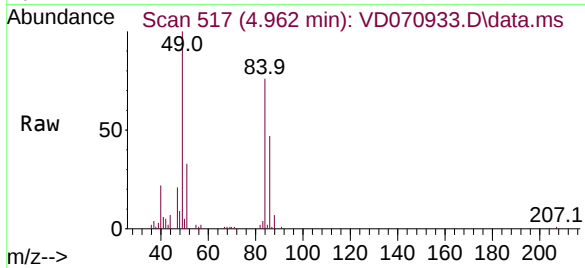




#20
Methylene Chloride
Concen: 4.996 ug/l
RT: 4.962 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD070933.D
Acq: 08 Nov 2021 13:54

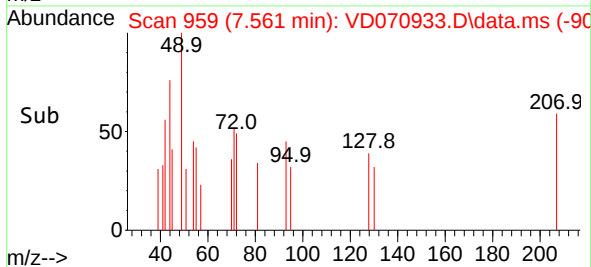
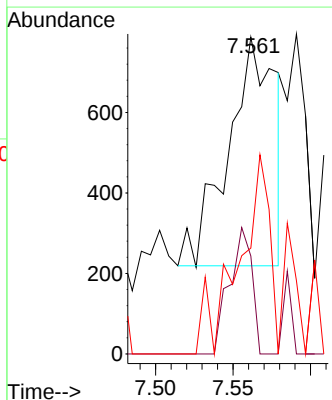
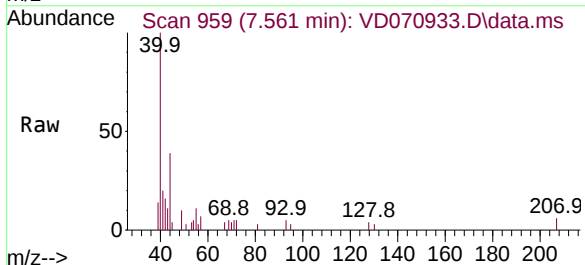
Instrument :
MSVOA_D
ClientSampleId :
VD1108SBL01

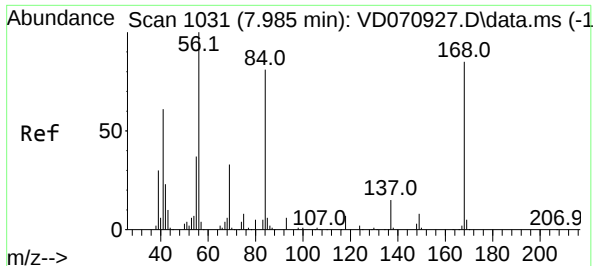
Tgt Ion:	84	Resp:	53122
Ion	Ratio	Lower	Upper
84	100		
49	131.7	95.8	143.6
51	43.3	30.9	46.3
86	62.3	50.3	75.5



#29
Tetrahydrofuran
Concen: 1.036 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD070933.D
Acq: 08 Nov 2021 13:54

Tgt Ion:	42	Resp:	1203
Ion	Ratio	Lower	Upper
42	100		
72	26.2	33.7	50.5#
71	57.1	32.7	49.1#





#31

Cyclohexane

Concen: 1.710 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD070933.D

Acq: 08 Nov 2021 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBL01

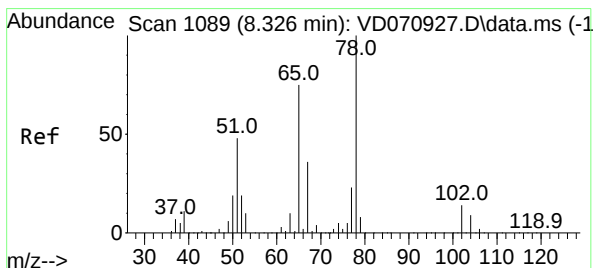
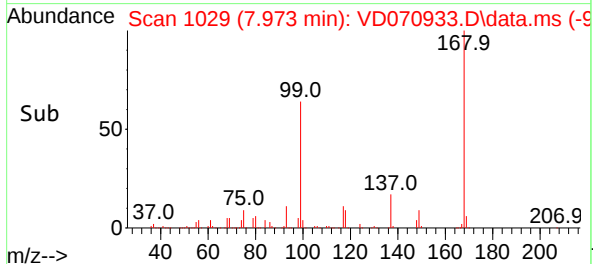
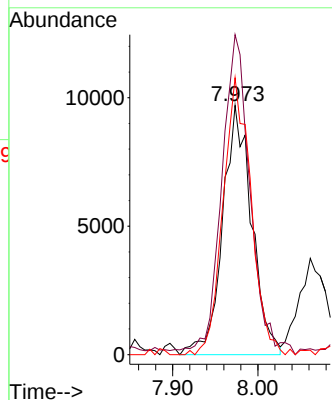
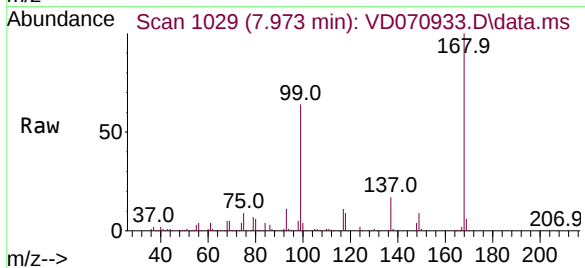
Tgt Ion: 56 Resp: 22979

Ion Ratio Lower Upper

56 100

69 126.5 25.9 38.9#

84 111.1 64.3 96.5#



#33

1,2-Dichloroethane-d4

Concen: 46.854 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070933.D

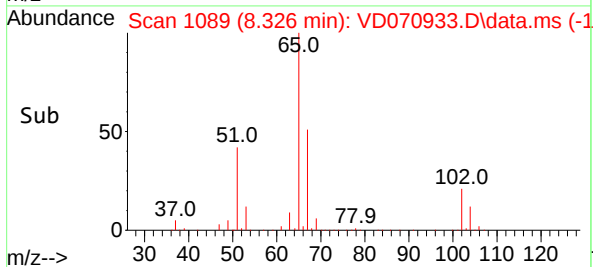
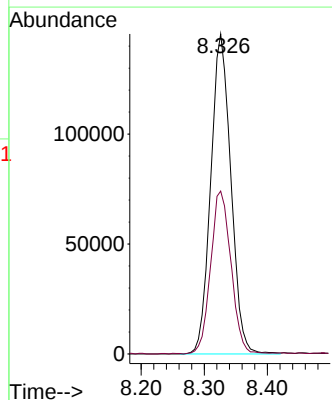
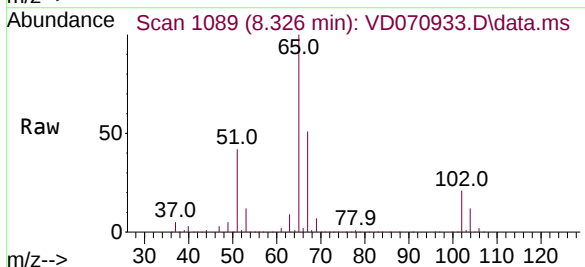
Acq: 08 Nov 2021 13:54

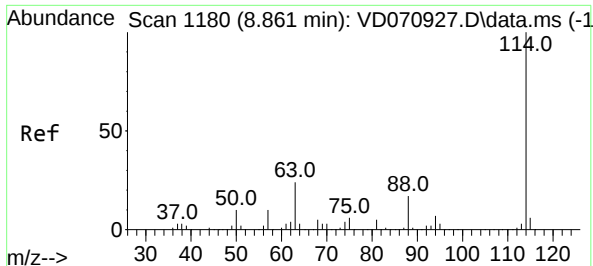
Tgt Ion: 65 Resp: 321911

Ion Ratio Lower Upper

65 100

67 51.6 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070933.D

Acq: 08 Nov 2021 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBL01

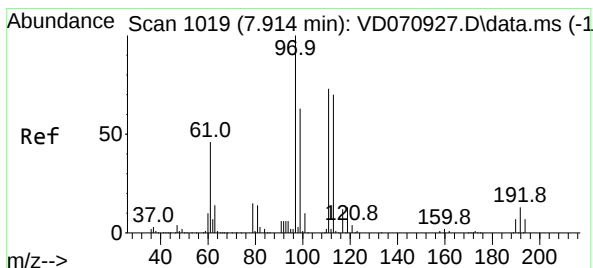
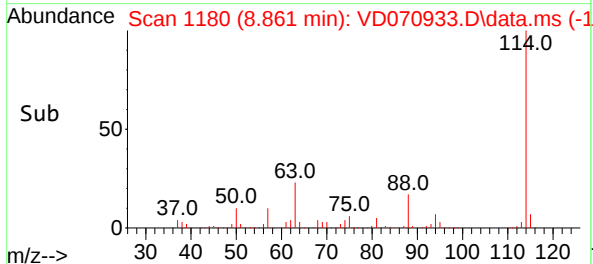
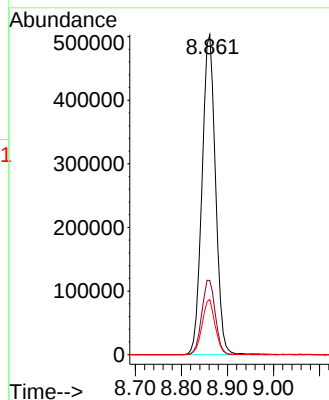
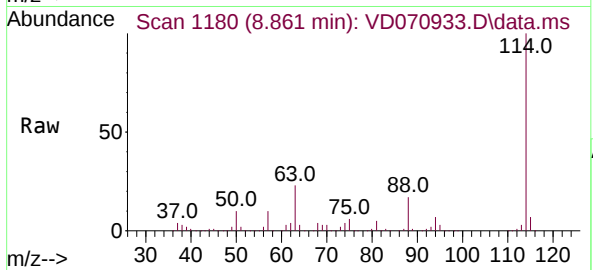
Tgt Ion:114 Resp: 1027386

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 17.2 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.330 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070933.D

Acq: 08 Nov 2021 13:54

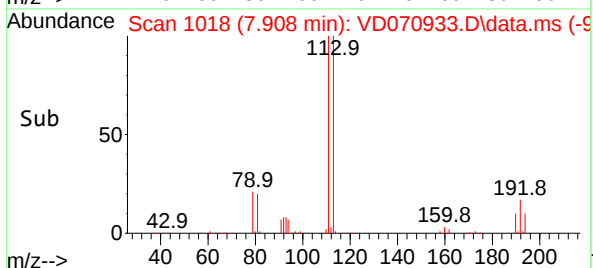
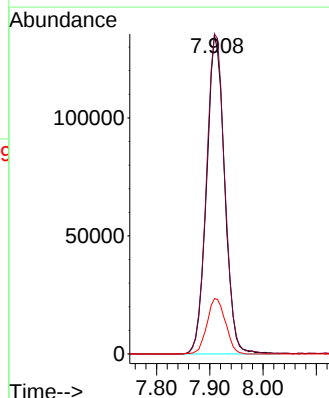
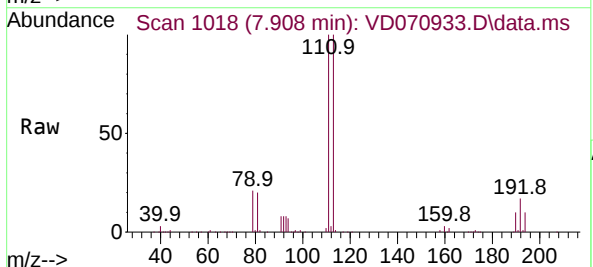
Tgt Ion:113 Resp: 317495

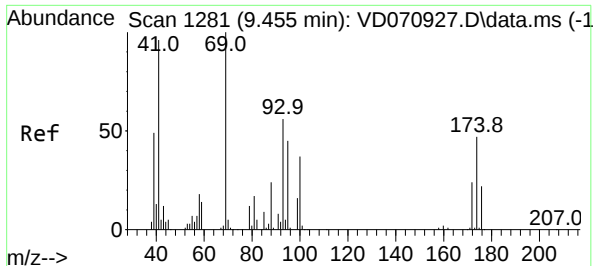
Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 17.9 15.2 22.8





#49

1,4-Dioxane

Concen: 4.807 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.012 min

Lab File: VD070933.D

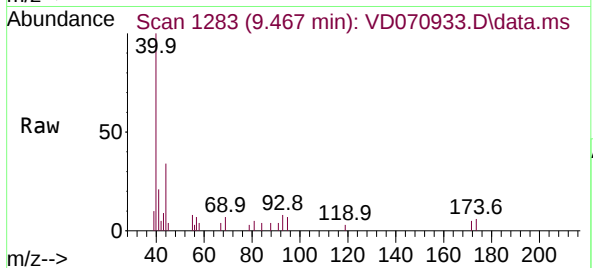
Acq: 08 Nov 2021 13:54

Instrument :

MSVOA_D

ClientSampleId :

VD1108SBL01



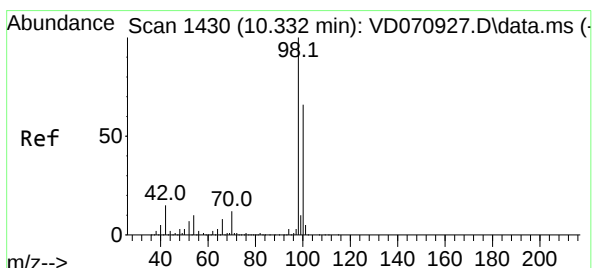
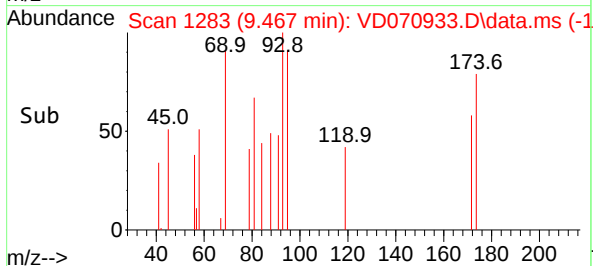
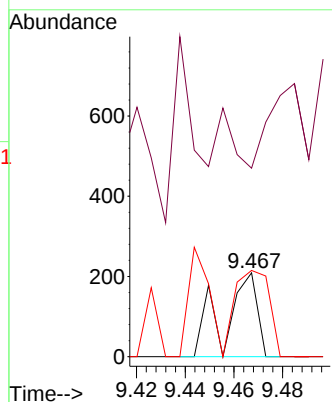
Tgt Ion: 88 Resp: 193

Ion Ratio Lower Upper

88 100

43 150.3 28.9 43.3#

58 109.8 56.3 84.5#



#50

Toluene-d8

Concen: 50.854 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD070933.D

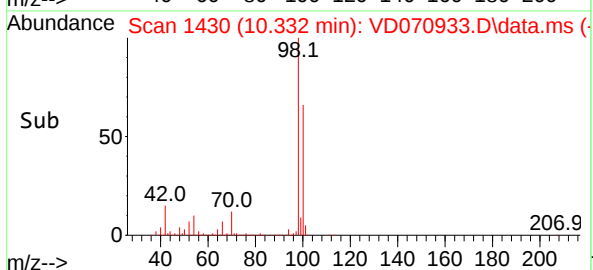
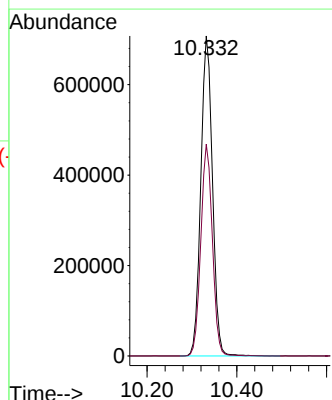
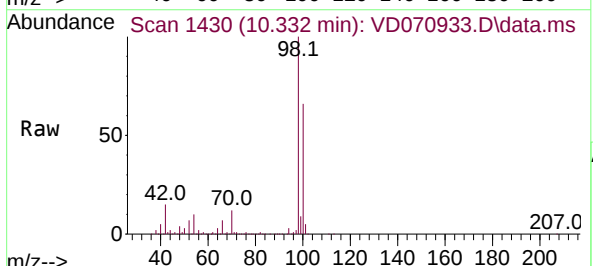
Acq: 08 Nov 2021 13:54

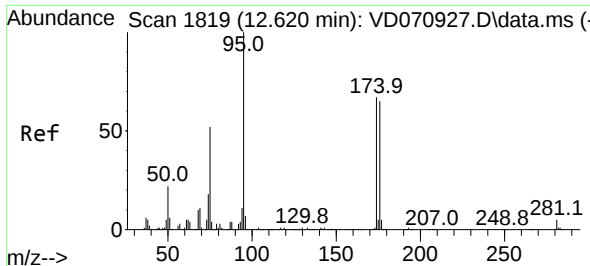
Tgt Ion: 98 Resp: 1272313

Ion Ratio Lower Upper

98 100

100 65.7 51.8 77.6

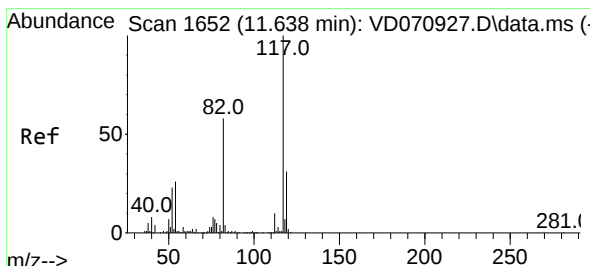
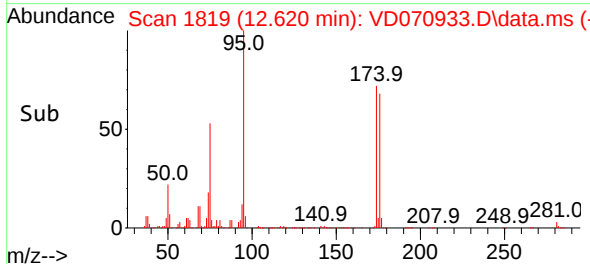
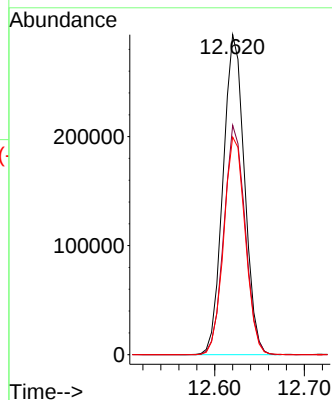
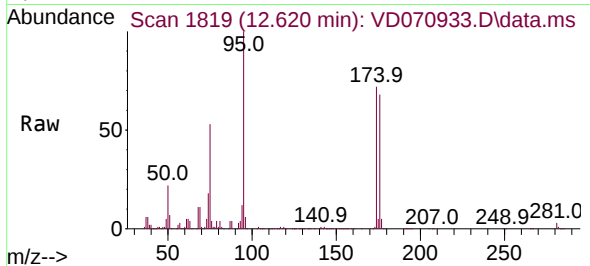




#62
4-Bromofluorobenzene
Concen: 51.502 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070933.D
Acq: 08 Nov 2021 13:54

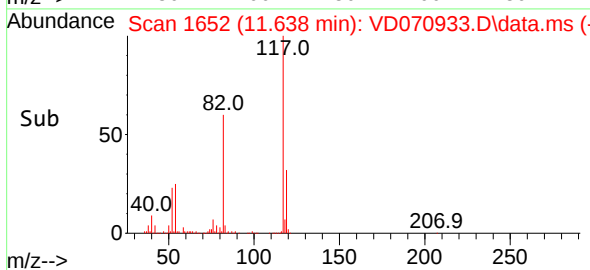
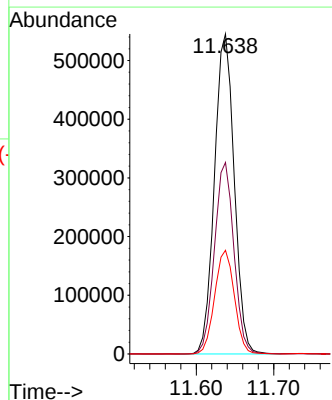
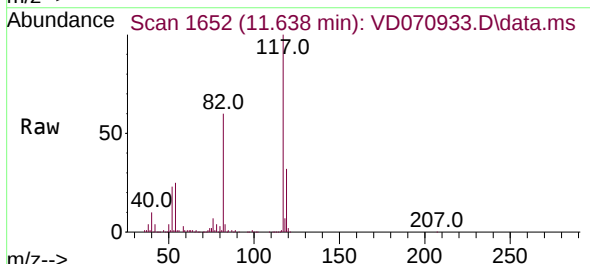
Instrument :
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VD1108SBL01

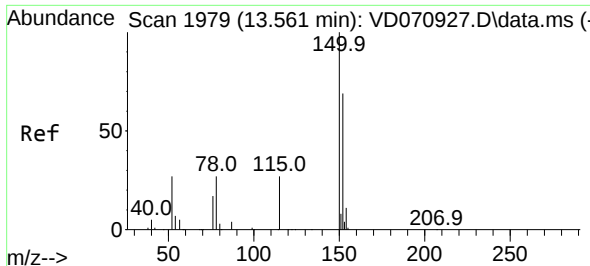
Tgt Ion: 95 Resp: 486425
Ion Ratio Lower Upper
95 100
174 71.0 0.0 159.4
176 68.2 0.0 154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070933.D
Acq: 08 Nov 2021 13:54

Tgt Ion: 117 Resp: 965875
Ion Ratio Lower Upper
117 100
82 59.9 44.7 67.1
119 32.4 26.2 39.4

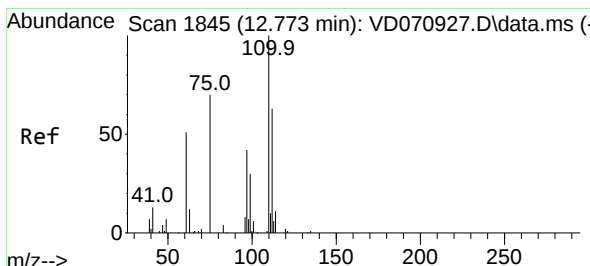
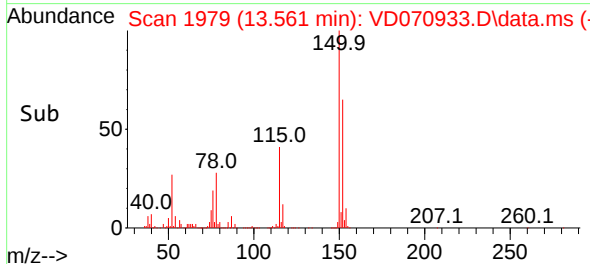
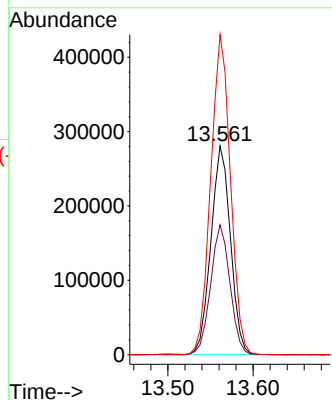
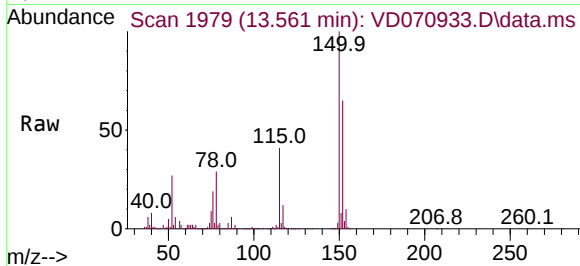




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VD070933.D
 Acq: 08 Nov 2021 13:54

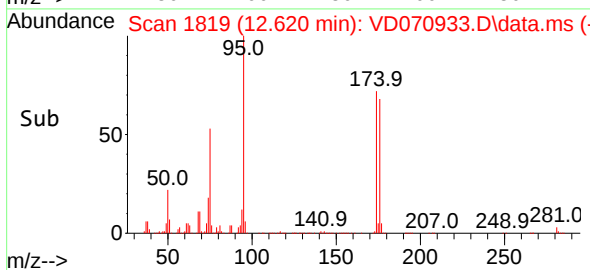
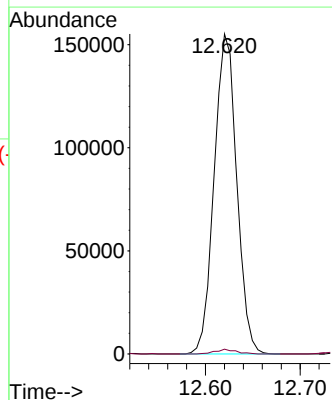
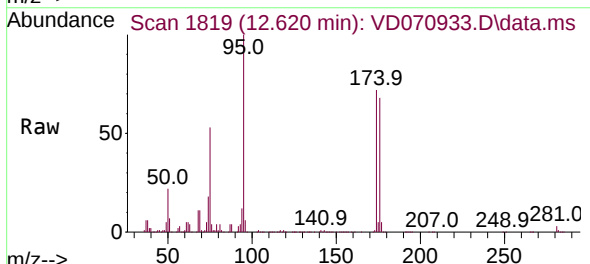
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBL01

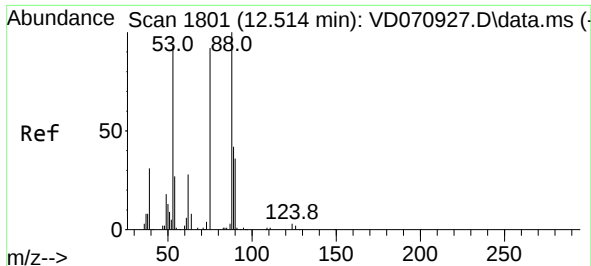
Tgt Ion:152 Resp: 447777
 Ion Ratio Lower Upper
 152 100
 115 61.5 29.8 89.3
 150 154.7 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 56.908 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD070933.D
 Acq: 08 Nov 2021 13:54

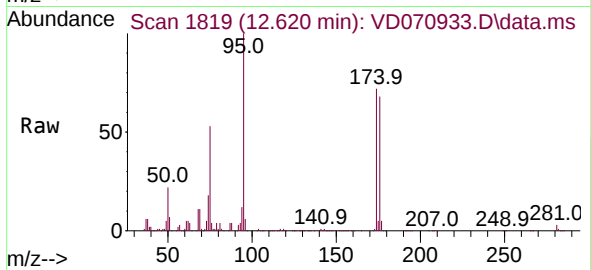
Tgt Ion: 75 Resp: 256751
 Ion Ratio Lower Upper
 75 100
 77 1.4 158.4 475.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 135.026 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD070933.D
 Acq: 08 Nov 2021 13:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1108SBL01



Tgt Ion: 75 Resp: 256751
 Ion Ratio Lower Upper
 75 100
 53 0.0 62.6 94.0#
 89 0.0 34.5 51.7#

