

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070187.D
 Acq On : 20 Aug 2021 02:19
 Operator : VA/SY
 Sample : M3449-01
 Misc : 4.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: Aug 20 05:50:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

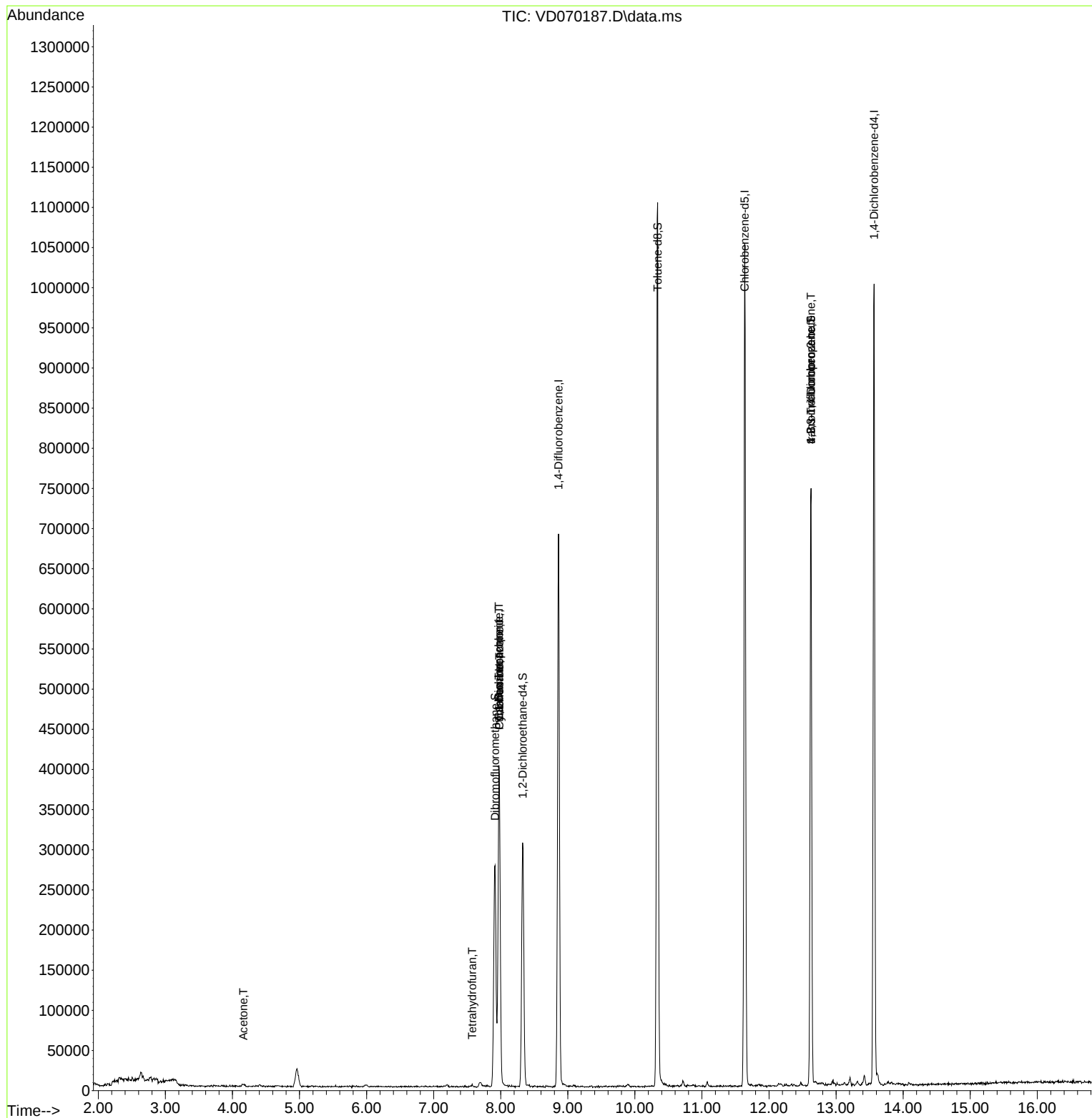
Internal Standards						
1) Pentafluorobenzene	7.979	168	274717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	572393	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	602005	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	264996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	241048	74.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.200%	
35) Dibromofluoromethane	7.914	113	210484	56.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.840%	
50) Toluene-d8	10.338	98	749018	52.075	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.626	95	257584	54.371	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	247	Below Cal	#	53
3) Chloromethane	2.215	50	1310	Below Cal	#	86
5) Bromomethane	2.774	94	2511	Below Cal	#	72
16) Acetone	4.162	43	5319	8.936	ug/l #	81
20) Methylene Chloride	4.962	84	19181	Below Cal	#	81
29) Tetrahydrofuran	7.573	42	1385	2.601	ug/l #	43
31) Cyclohexane	7.979	56	7994	1.250	ug/l #	10
36) 1,1-Dichloropropene	7.973	75	25092	4.075	ug/l #	49
38) Carbon Tetrachloride	7.973	117	29957	5.359	ug/l #	17
76) 1,2,3-Trichloropropane	12.626	75	126589	47.104	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	126589	122.265	ug/l #	18

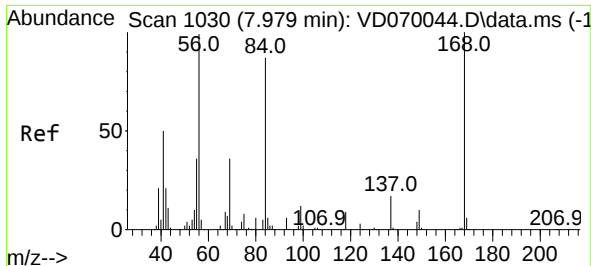
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration

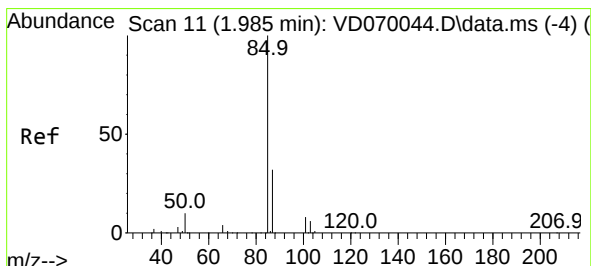
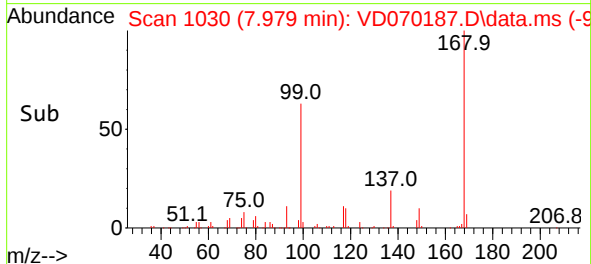
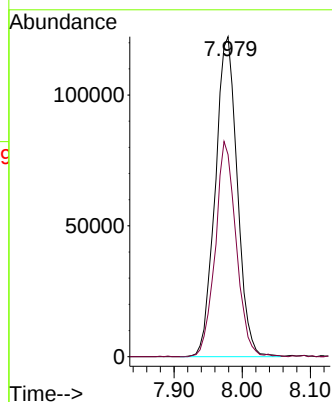
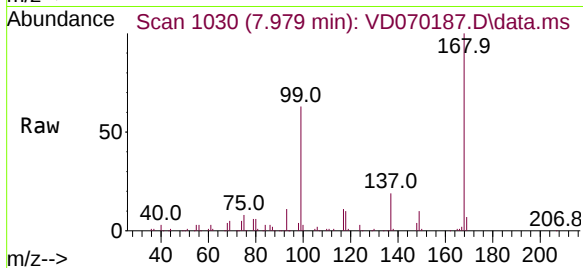




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

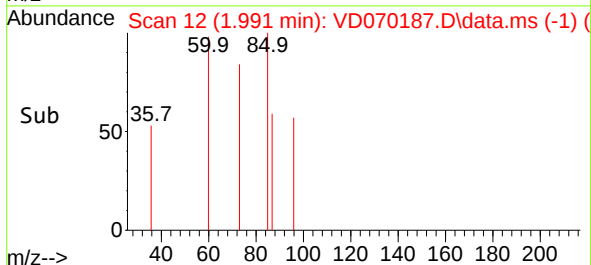
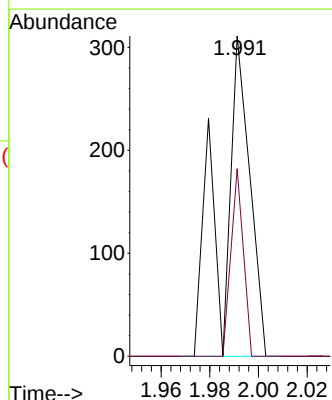
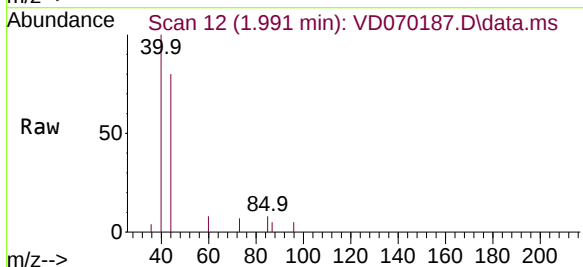
Instrument :
MSVOA_D
ClientSampleId :
TP1

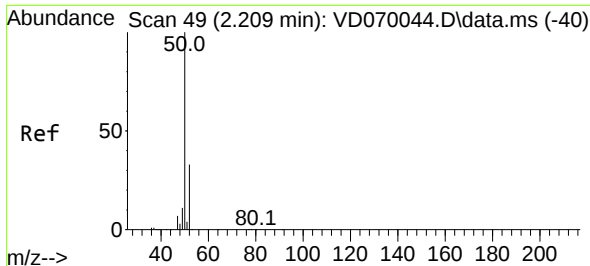
Tgt Ion:168 Resp: 274717
Ion Ratio Lower Upper
168 100
99 63.1 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion: 85 Resp: 247
Ion Ratio Lower Upper
85 100
87 58.5 16.2 48.6#

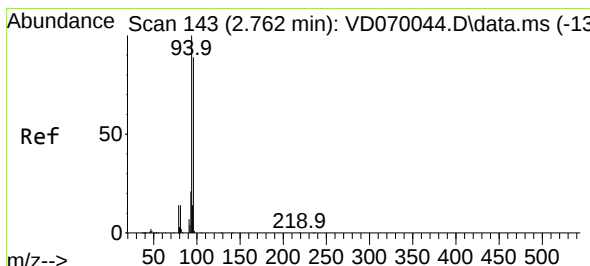
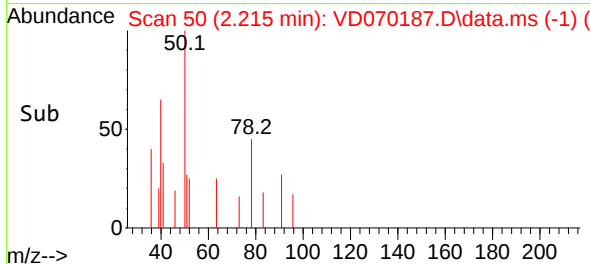
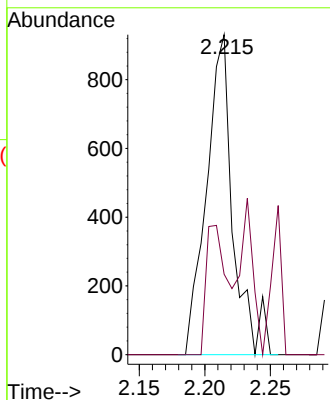
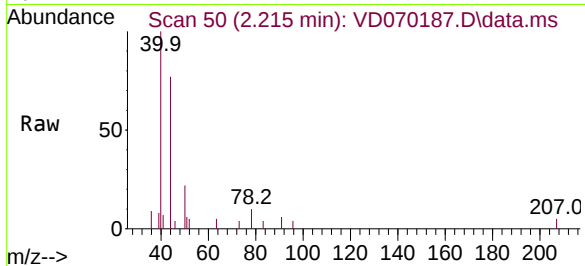




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

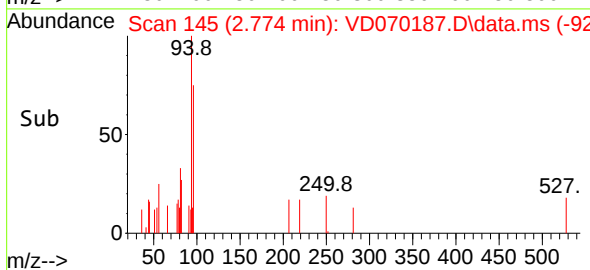
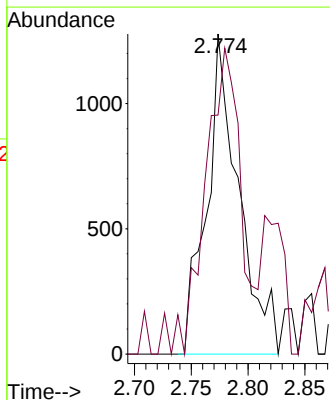
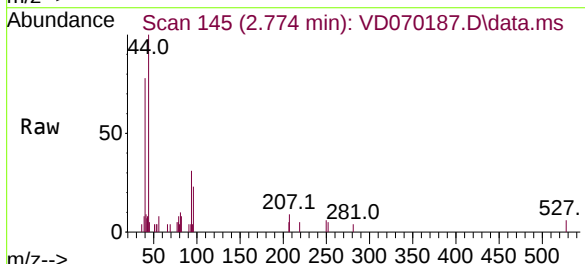
Instrument :
MSVOA_D
ClientSampleId :
TP1

Tgt Ion: 50 Resp: 1310
Ion Ratio Lower Upper
50 100
52 25.1 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion: 94 Resp: 2511
Ion Ratio Lower Upper
94 100
96 62.4 70.9 106.3#

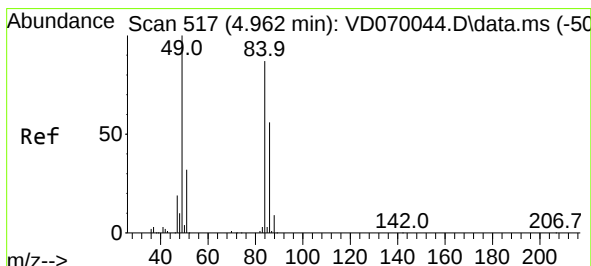
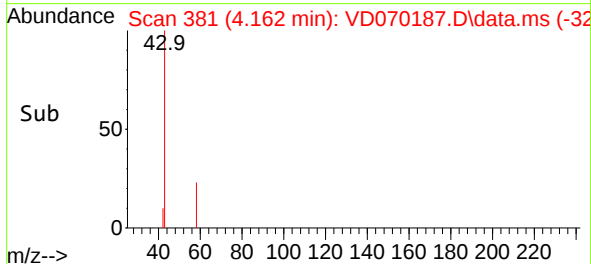
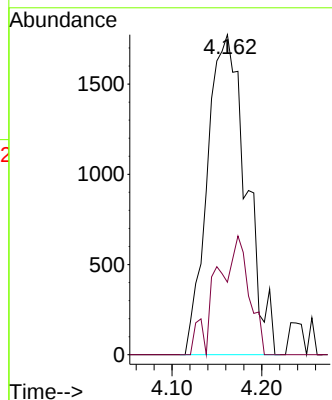
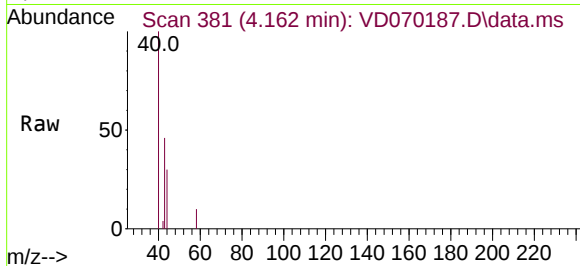




#16
Acetone
Concen: 8.936 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

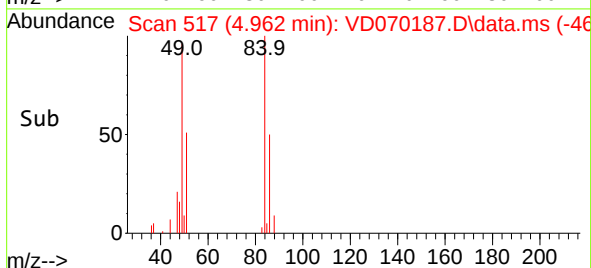
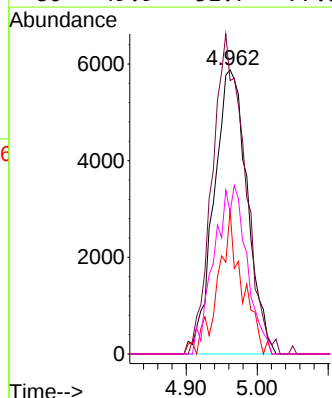
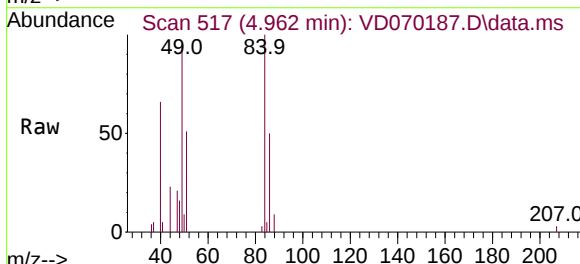
Instrument :
MSVOA_D
ClientSampleID :
TP1

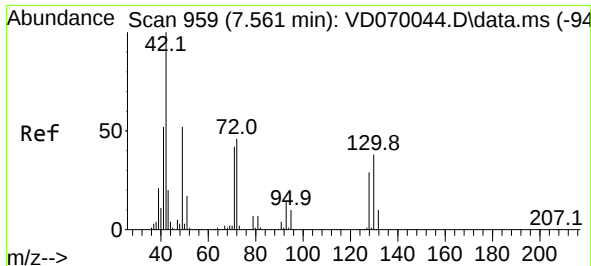
Tgt Ion: 43 Resp: 5319
Ion Ratio Lower Upper
43 100
58 22.7 26.8 40.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion: 84 Resp: 19181
Ion Ratio Lower Upper
84 100
49 96.2 92.5 138.7
51 50.6 29.7 44.5#
86 49.9 51.7 77.5#





#29

Tetrahydrofuran

Concen: 2.601 ug/l

RT: 7.573 min Scan# 961

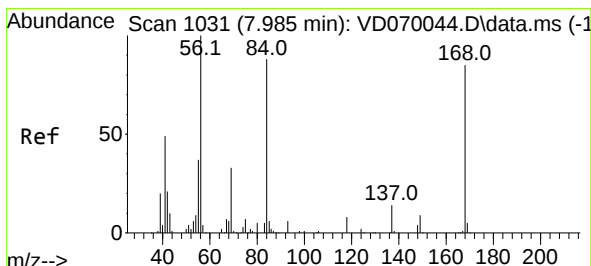
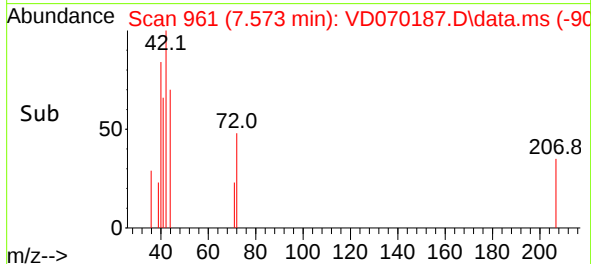
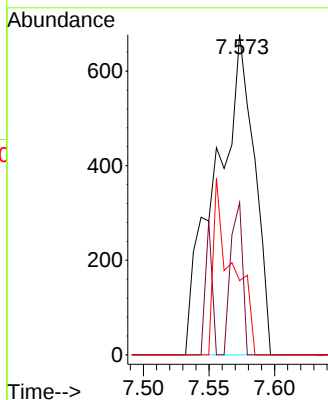
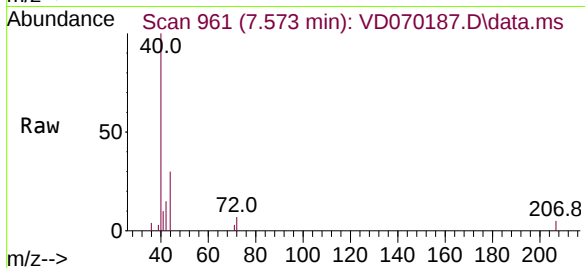
Delta R.T. 0.012 min

Lab File: VD070187.D

Acq: 20 Aug 2021 02:19

Instrument :
MSVOA_D
ClientSampled :
TP1

Tgt Ion:	42	Resp:	1385
Ion Ratio	Lower	Upper	
42	100		
72	14.7	37.5	56.3#
71	0.0	33.6	50.4#



#31

Cyclohexane

Concen: 1.250 ug/l

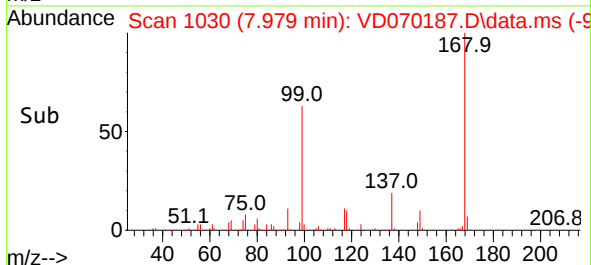
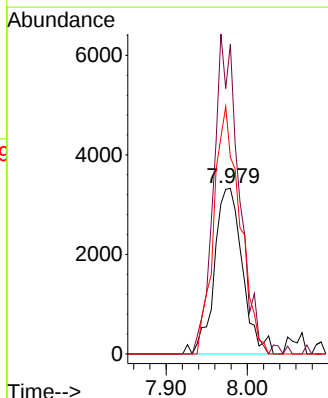
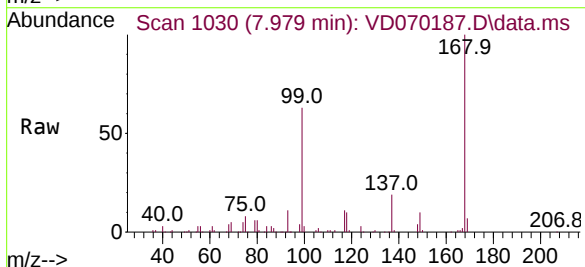
RT: 7.979 min Scan# 1030

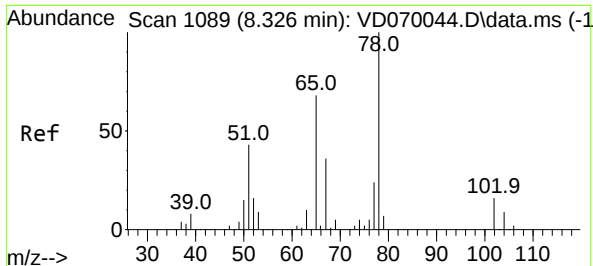
Delta R.T. -0.006 min

Lab File: VD070187.D

Acq: 20 Aug 2021 02:19

Tgt Ion:	56	Resp:	7994
Ion Ratio	Lower	Upper	
56	100		
69	178.2	26.7	40.1#
84	113.1	70.4	105.6#





#33

1,2-Dichloroethane-d4

Concen: 74.602 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD070187.D

Acq: 20 Aug 2021 02:19

Tgt Ion: 65 Resp: 241048

Ion Ratio Lower Upper

65 100

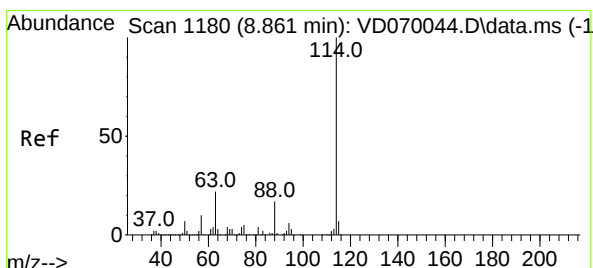
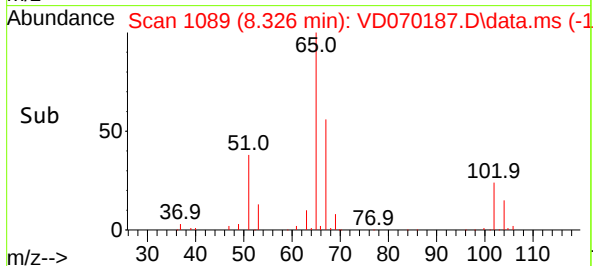
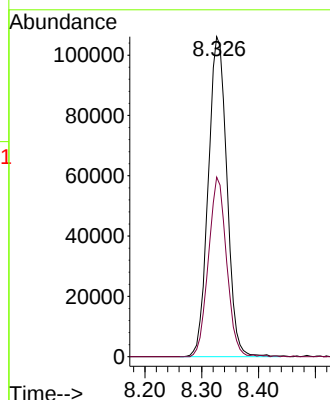
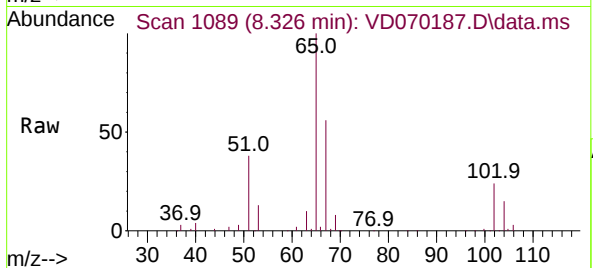
67 54.7 0.0 107.8

Instrument :

MSVOA_D

ClientSampleId :

TP1



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070187.D

Acq: 20 Aug 2021 02:19

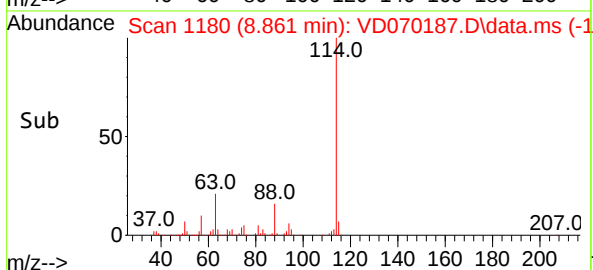
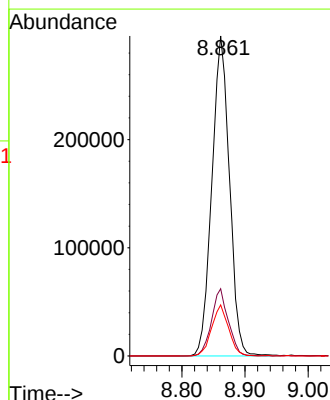
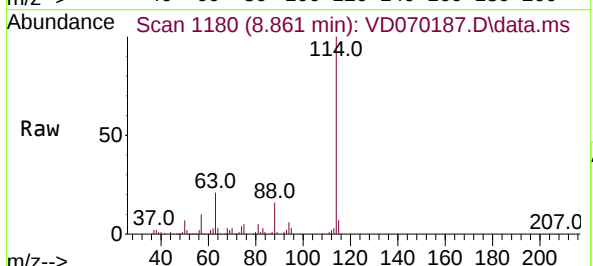
Tgt Ion: 114 Resp: 572393

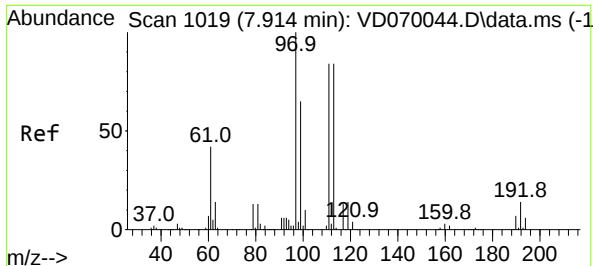
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.6

88 16.0 0.0 33.4





#35

Dibromofluoromethane

Concen: 56.918 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070187.D

Acq: 20 Aug 2021 02:19

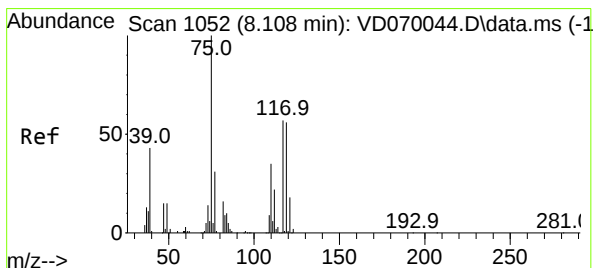
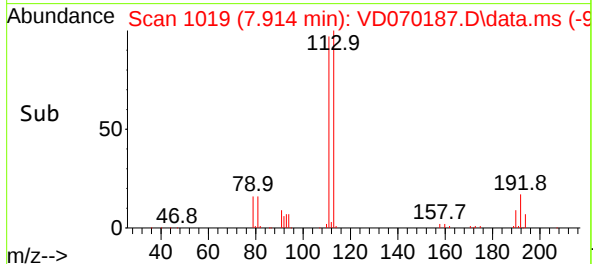
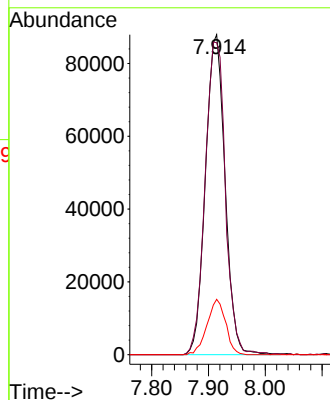
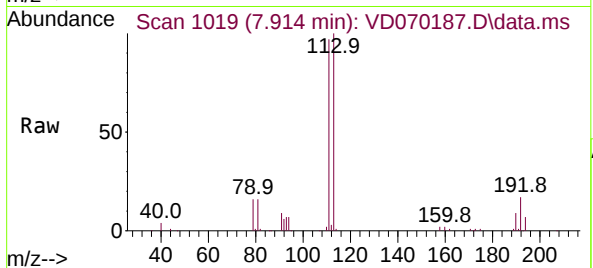
Tgt Ion:113 Resp: 210484

Ion Ratio Lower Upper

113 100

111 101.0 81.8 122.6

192 16.4 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.075 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD070187.D

Acq: 20 Aug 2021 02:19

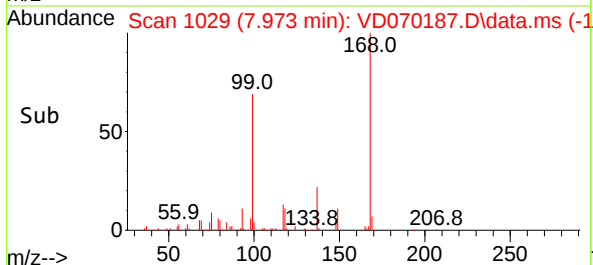
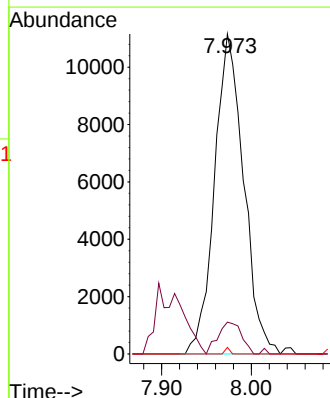
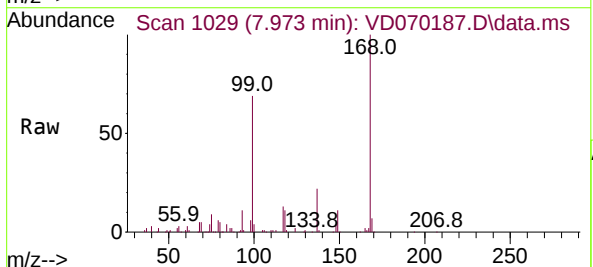
Tgt Ion: 75 Resp: 25092

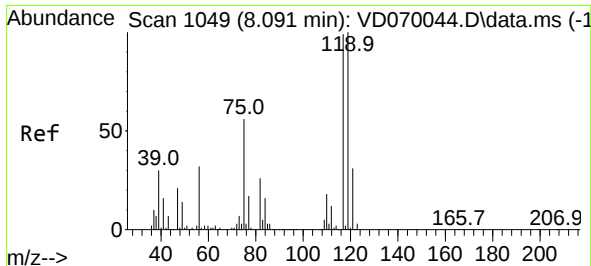
Ion Ratio Lower Upper

75 100

110 8.0 16.9 50.7#

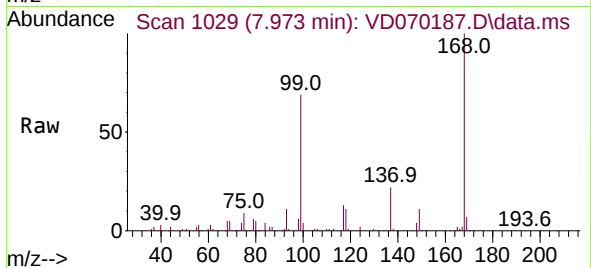
77 0.3 25.2 37.8#



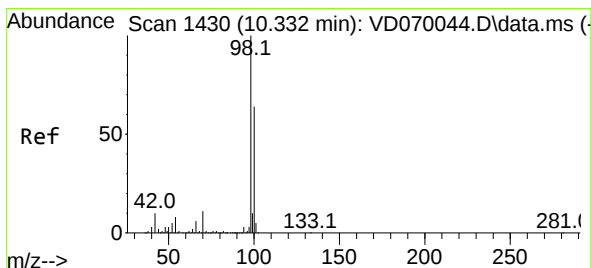
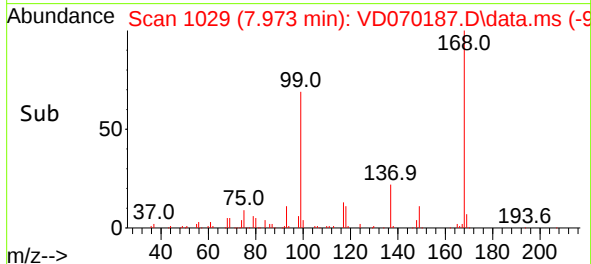
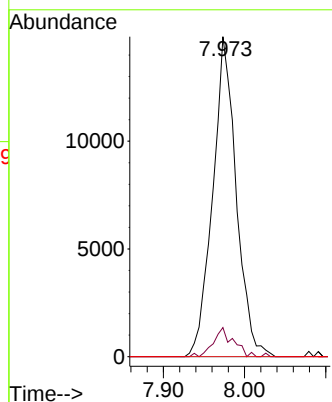


#38
Carbon Tetrachloride
Concen: 5.359 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Instrument :
MSVOA_D
ClientSampled :
TP1

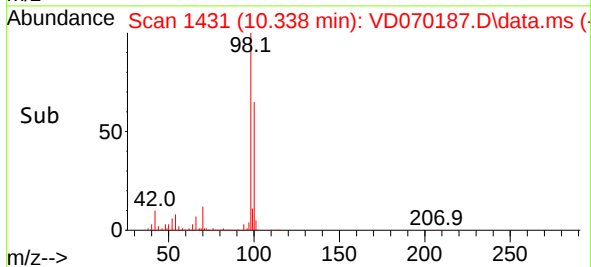
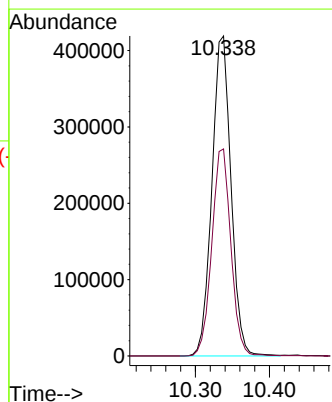
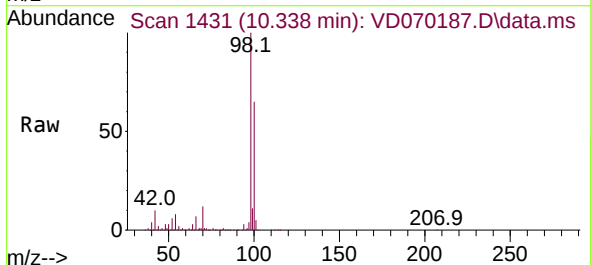


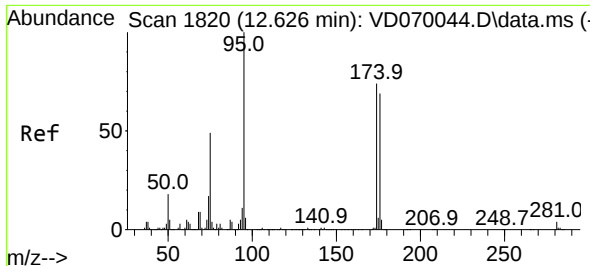
Tgt Ion:117 Resp: 29957
Ion Ratio Lower Upper
117 100
119 9.1 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.075 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion: 98 Resp: 749018
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8

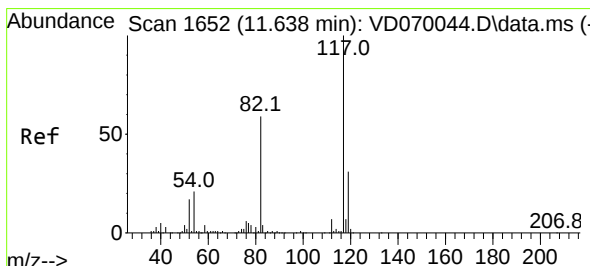
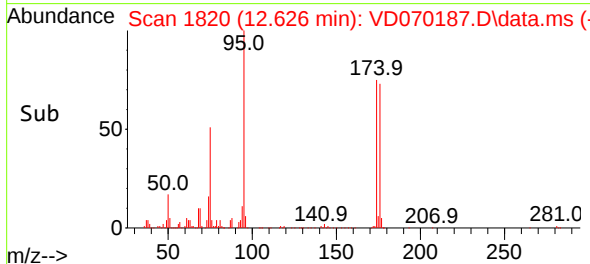
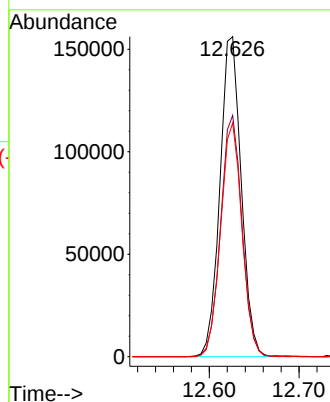
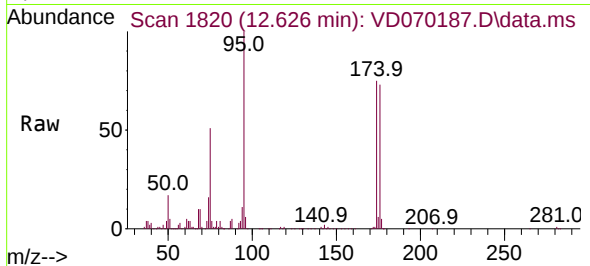




#62
4-Bromofluorobenzene
Concen: 54.371 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

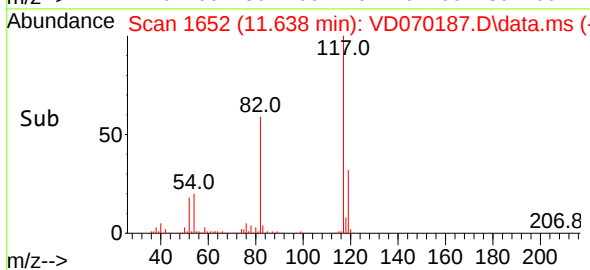
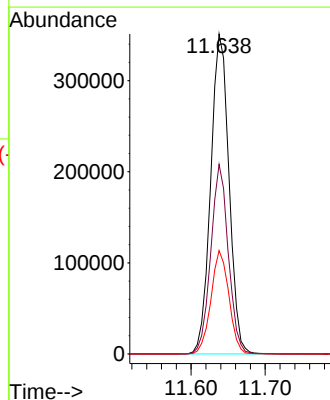
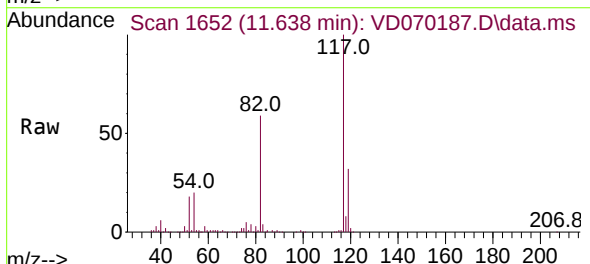
Instrument :
MSVOA_D
ClientSampleId :
TP1

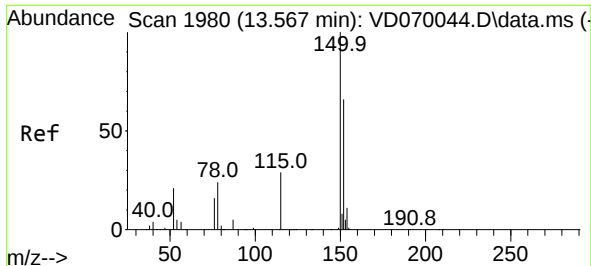
Tgt Ion: 95 Resp: 257584
Ion Ratio Lower Upper
95 100
174 75.4 0.0 141.6
176 73.0 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion: 117 Resp: 602005
Ion Ratio Lower Upper
117 100
82 59.3 47.5 71.3
119 32.3 25.1 37.7

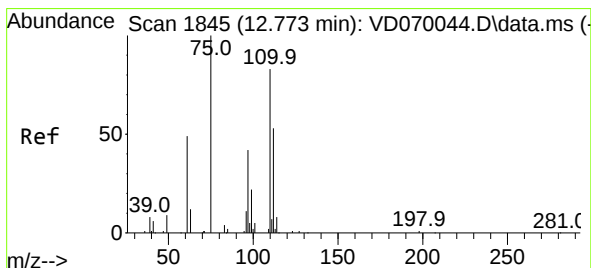
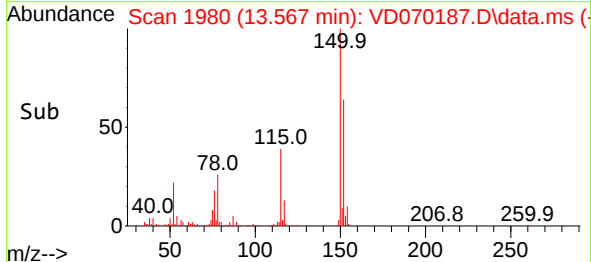
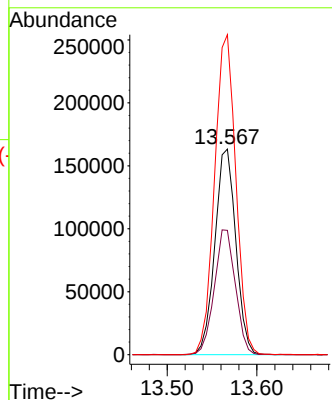
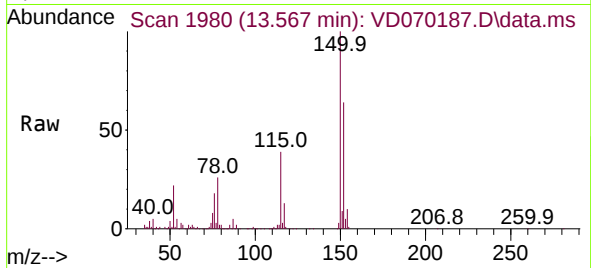




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

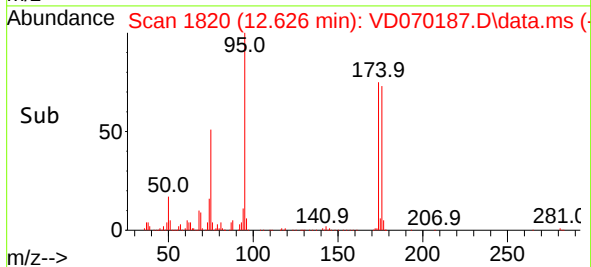
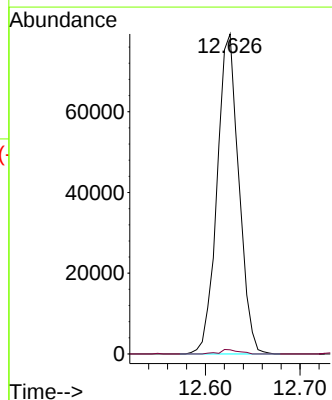
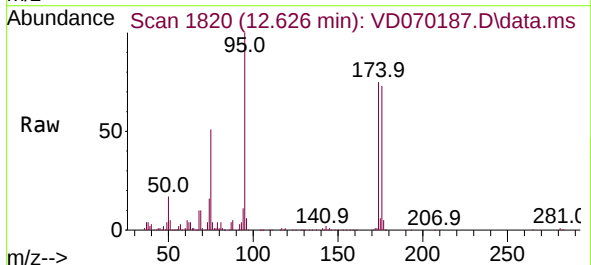
Instrument :
MSVOA_D
ClientSampleId :
TP1

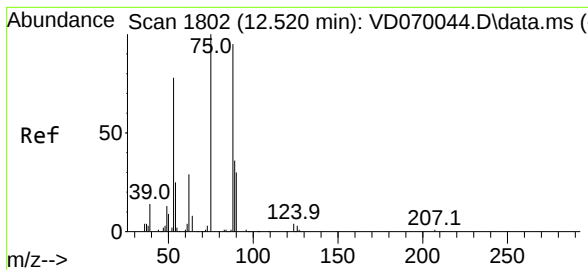
Tgt Ion:152 Resp: 264996
Ion Ratio Lower Upper
152 100
115 61.2 31.2 93.6
150 157.9 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 47.104 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070187.D
Acq: 20 Aug 2021 02:19

Tgt Ion: 75 Resp: 126589
Ion Ratio Lower Upper
75 100
77 1.2 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.265 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070187.D
 Acq: 20 Aug 2021 02:19

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Tgt Ion: 75 Resp: 126589
 Ion Ratio Lower Upper
 75 100
 53 0.5 64.5 96.7#
 89 0.1 33.7 50.5#

