

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070629.D
 Acq On : 08 Oct 2021 10:38
 Operator : VA/SY
 Sample : VD1008SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 08 18:10:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

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

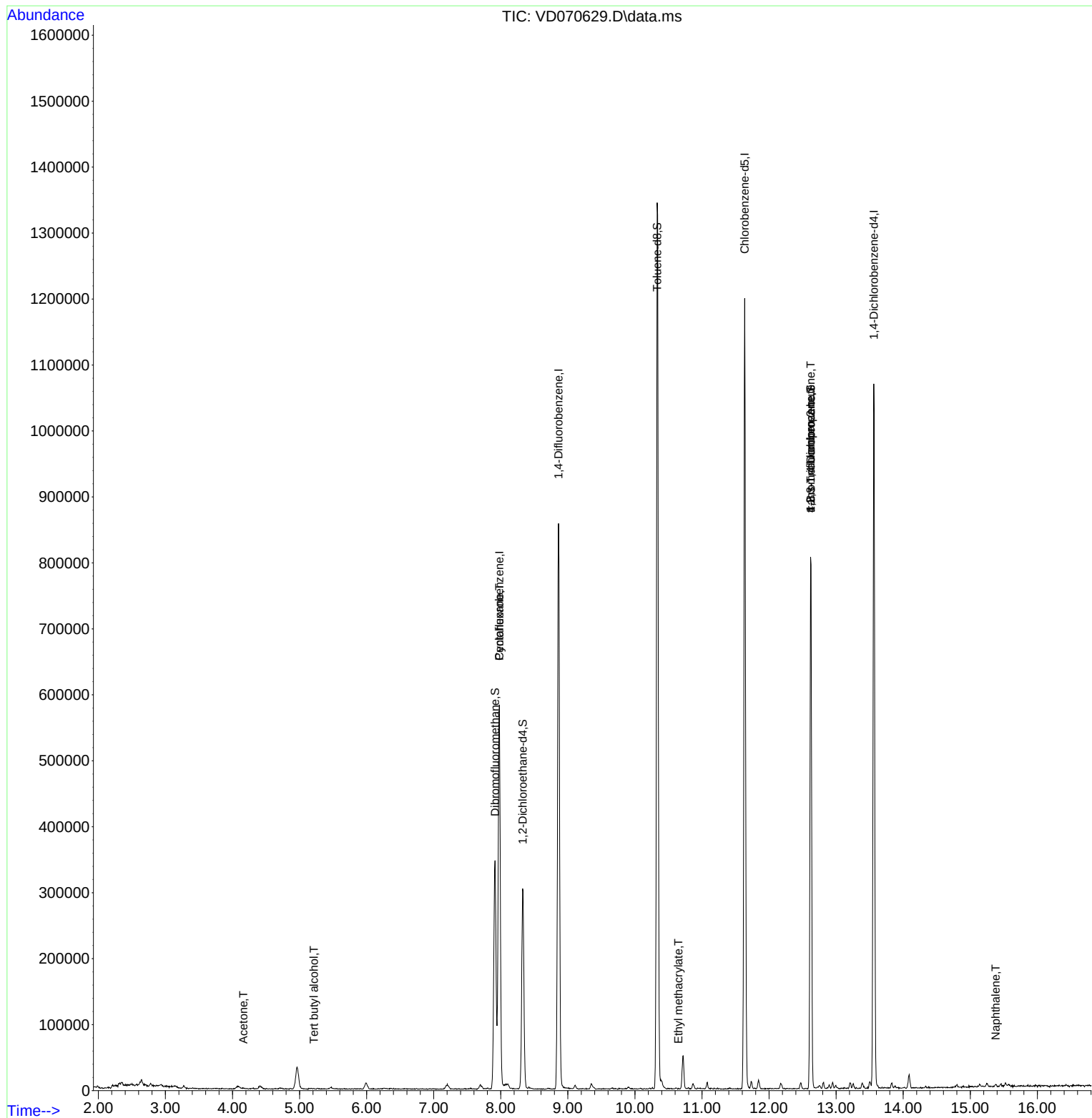
Internal Standards						
1) Pentafluorobenzene	7.979	168	399629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	759551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	703244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	290035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	239080	50.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.660%	
35) Dibromofluoromethane	7.914	113	254680	50.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.860%	
50) Toluene-d8	10.332	98	970130	50.252	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	12.620	95	290516	45.025	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.060%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	3274	Below Cal	#	61
11) Tert butyl alcohol	5.214	59	312	1.339	ug/l #	83
16) Acetone	4.161	43	1910	2.392	ug/l #	60
20) Methylene Chloride	4.967	84	27991	Below Cal		91
31) Cyclohexane	7.979	56	11740	1.348	ug/l #	21
56) Ethyl methacrylate	10.649	69	66	1.386	ug/l #	25
59) 2-Hexanone	10.985	43	579	Below Cal		64
76) 1,2,3-Trichloropropane	12.620	75	136817	52.118	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	136817	115.711	ug/l #	17
95) Naphthalene	15.379	128	3353	2.836	ug/l #	87

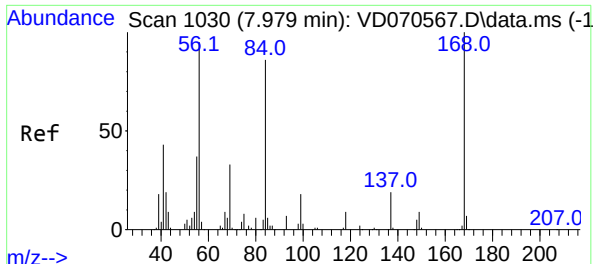
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 08 18:10:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 06 09:10:31 2021
Response via : Initial Calibration

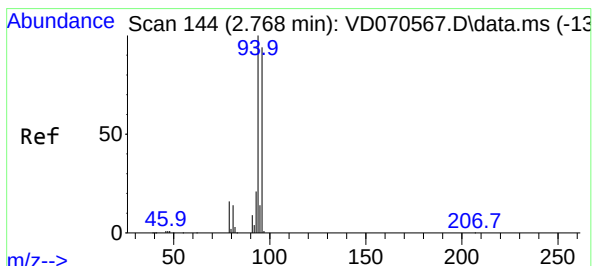
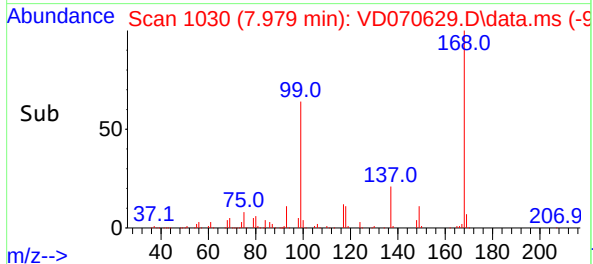
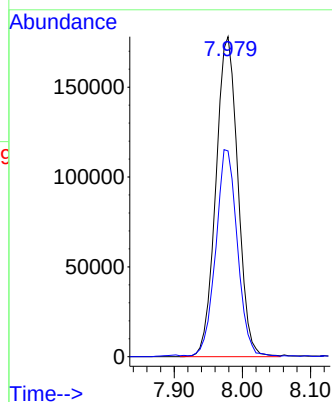
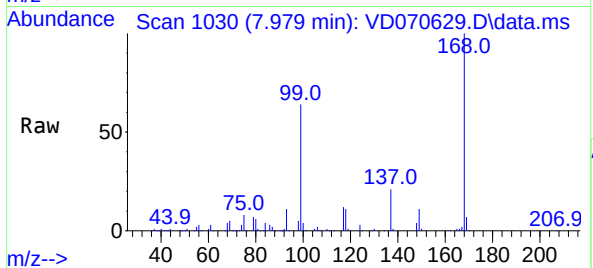




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

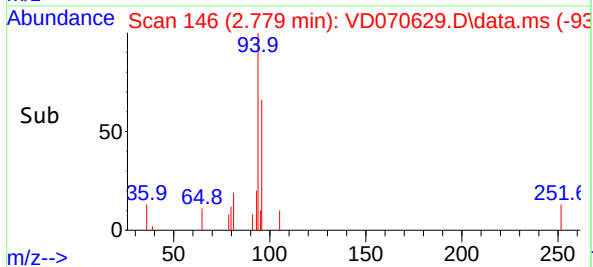
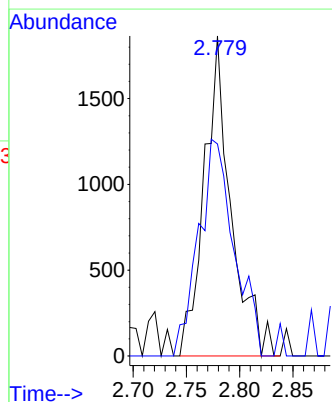
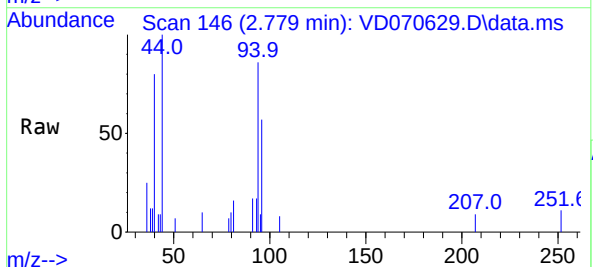
Instrument :
MSVOA_D
ClientSampled :

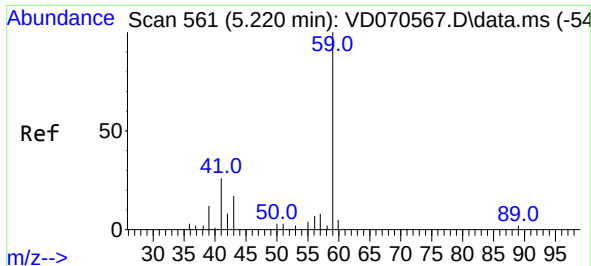
Tgt Ion:168 Resp: 399629
Ion Ratio Lower Upper
168 100
99 64.2 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Tgt Ion: 94 Resp: 3274
Ion Ratio Lower Upper
94 100
96 56.5 75.5 113.3#



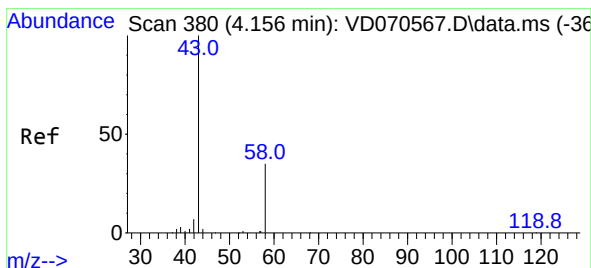
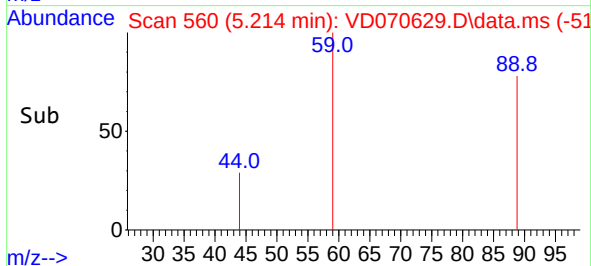
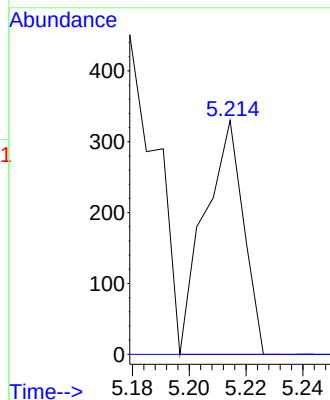
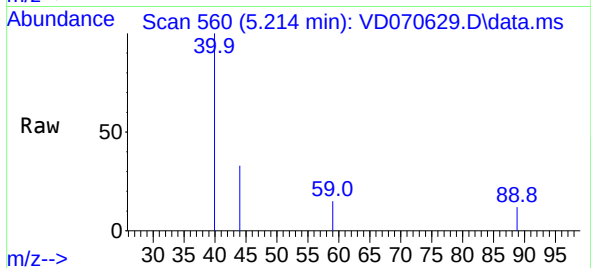


#11

Tert butyl alcohol
Concen: 1.339 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Instrument :
MSVOA_D
ClientSampled :

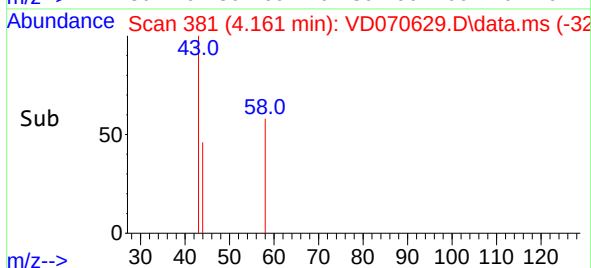
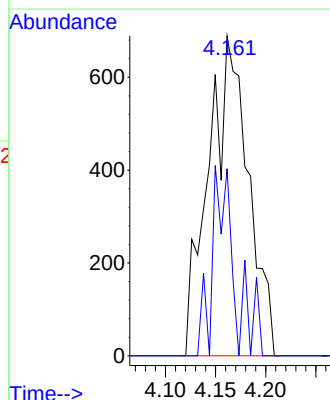
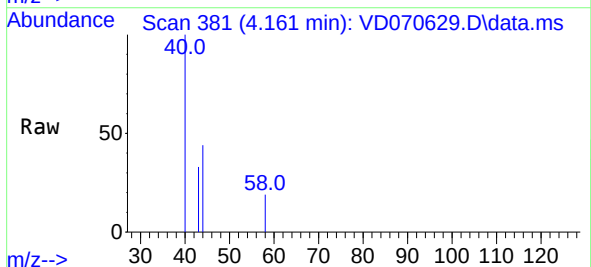
Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

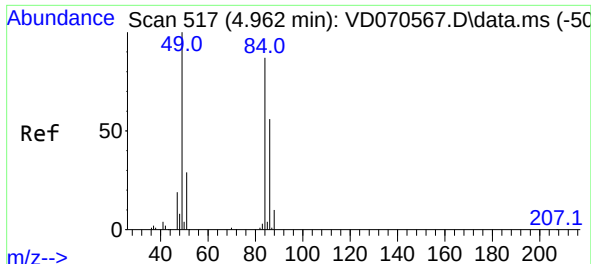


#16

Acetone
Concen: 2.392 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Tgt Ion: 43 Resp: 1910
Ion Ratio Lower Upper
43 100
58 58.5 28.2 42.2#



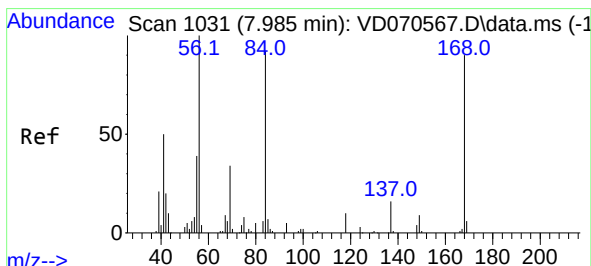
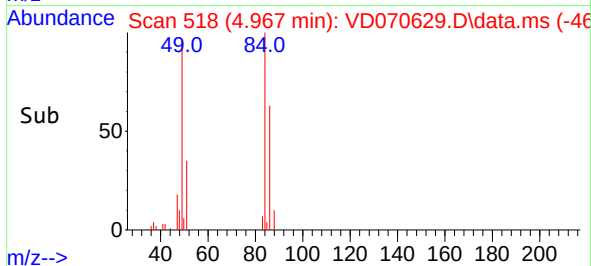
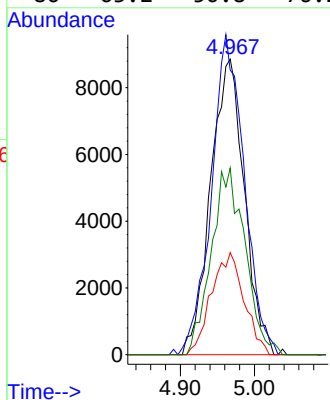
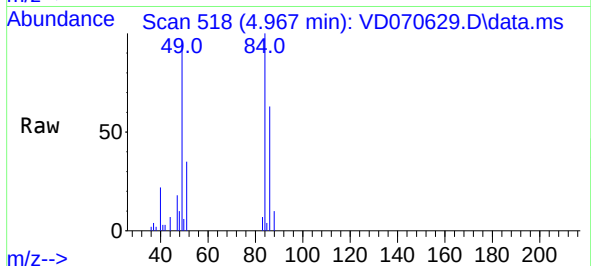


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 27991

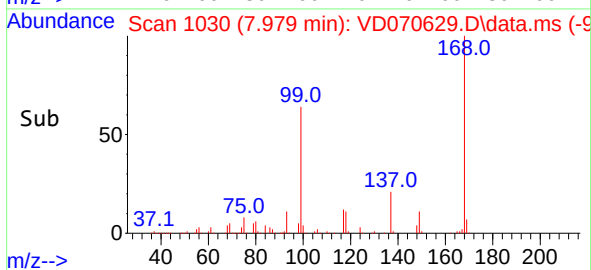
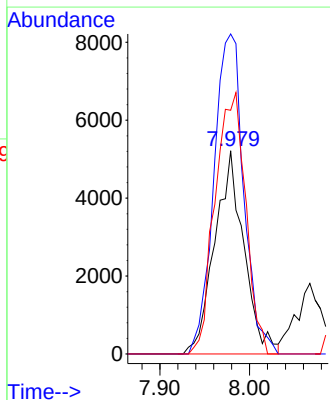
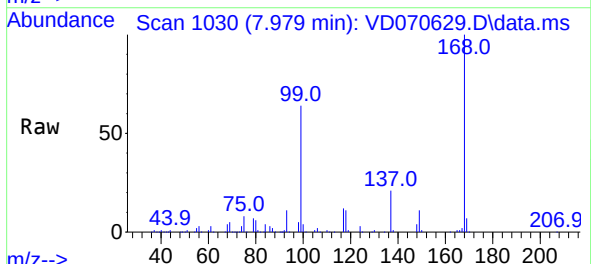
Ion	Ratio	Lower	Upper
84	100		
49	96.3	91.4	137.2
51	34.6	26.7	40.1
86	63.2	50.8	76.2

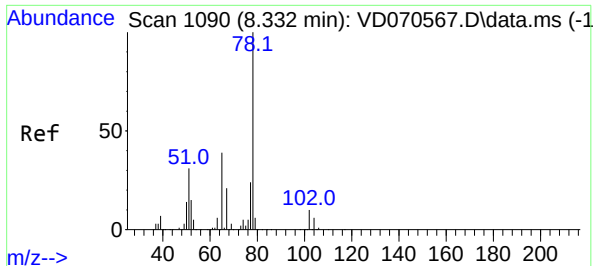


#31
Cyclohexane
Concen: 1.348 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Tgt Ion: 56 Resp: 11740

Ion	Ratio	Lower	Upper
56	100		
69	157.5	27.4	41.2#
84	119.9	73.6	110.4#

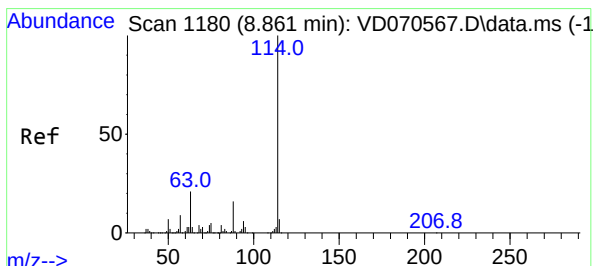
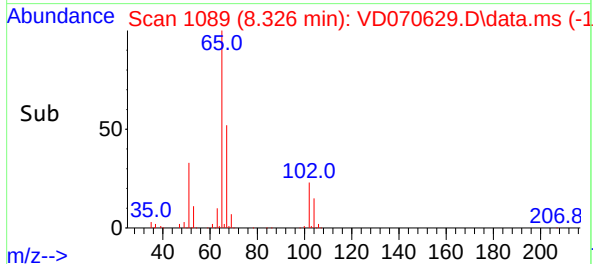
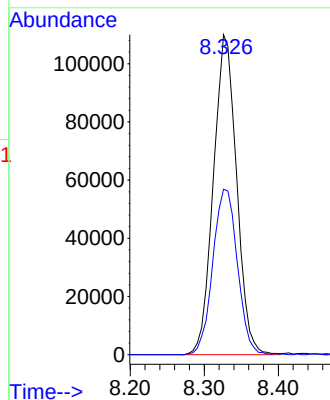
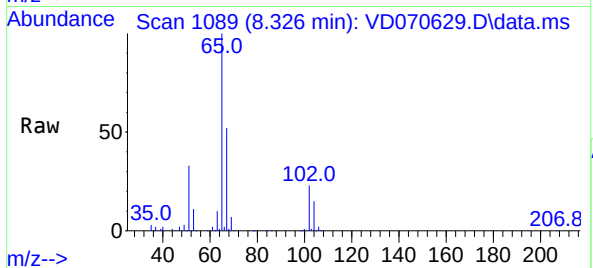




#33
1,2-Dichloroethane-d4
Concen: 50.835 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

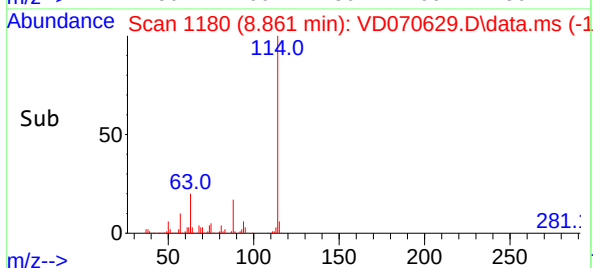
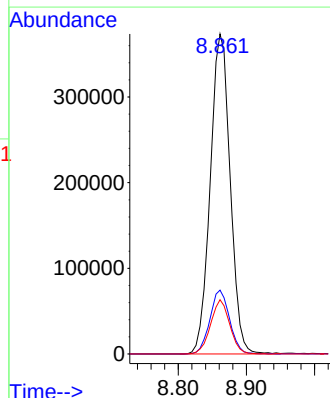
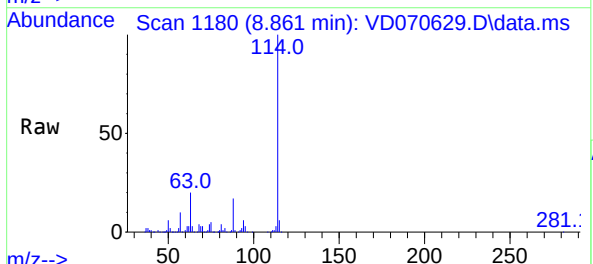
Instrument :
MSVOA_D
ClientSampleId :

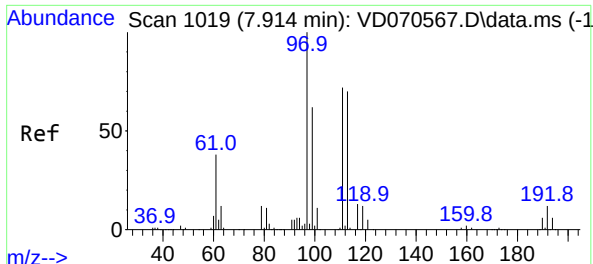
Tgt Ion: 65 Resp: 239080
Ion Ratio Lower Upper
65 100
67 54.7 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Tgt Ion: 114 Resp: 759551
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.8
88 17.0 0.0 32.6

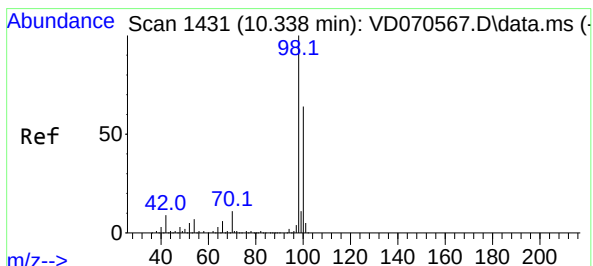
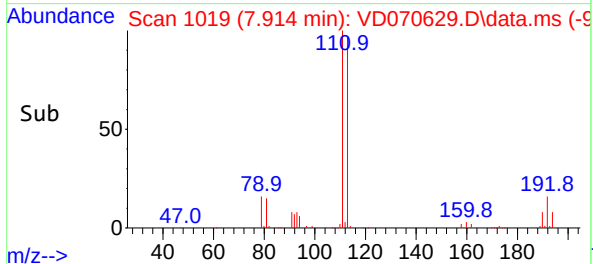
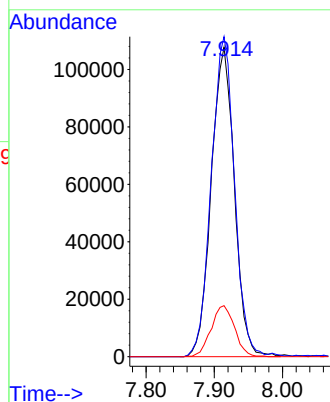
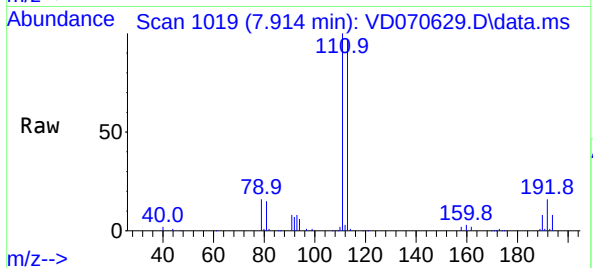




#35
Dibromofluoromethane
Concen: 50.432 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

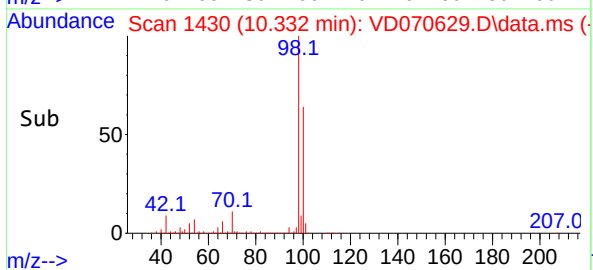
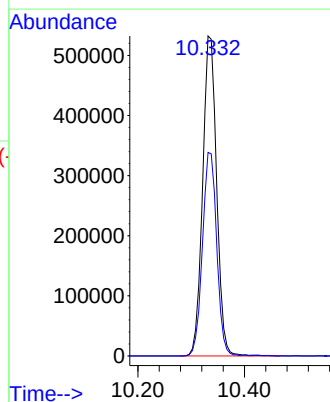
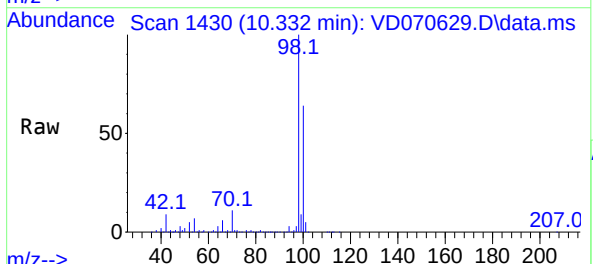
Instrument :
MSVOA_D
ClientSampled :

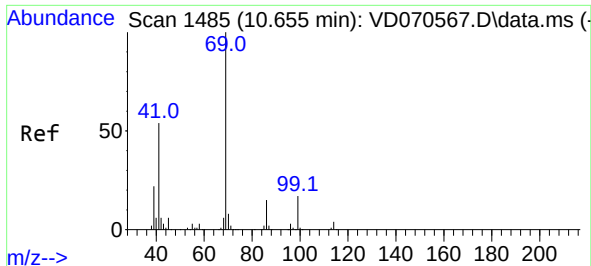
Tgt Ion:113 Resp: 254680
Ion Ratio Lower Upper
113 100
111 103.7 83.1 124.7
192 16.7 12.7 19.1



#50
Toluene-d8
Concen: 50.252 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Tgt Ion: 98 Resp: 970130
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.4

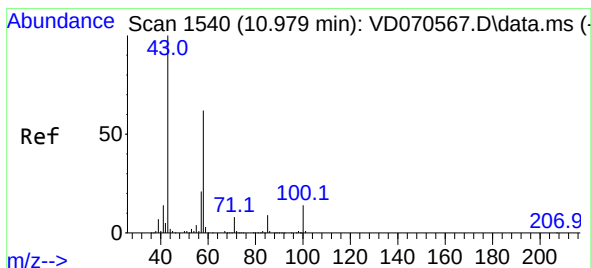
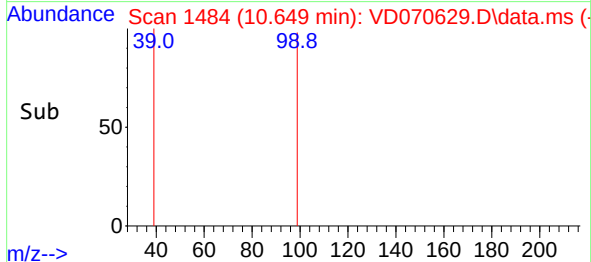
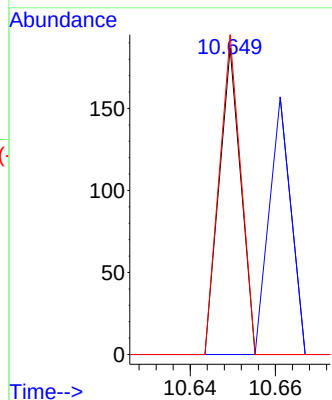
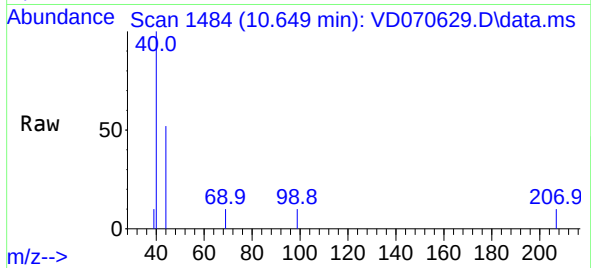




#56
Ethyl methacrylate
Concen: 1.386 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

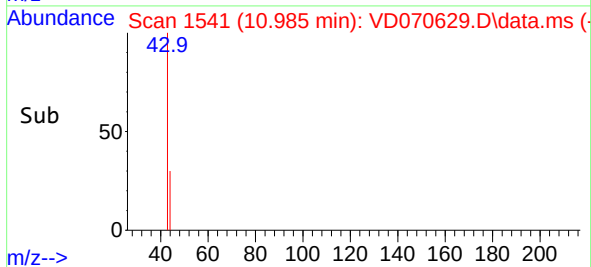
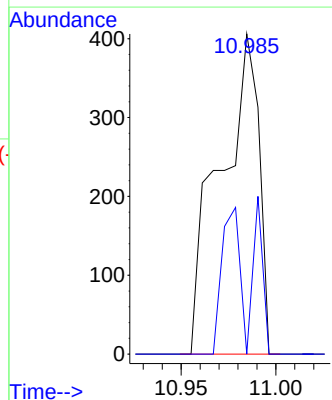
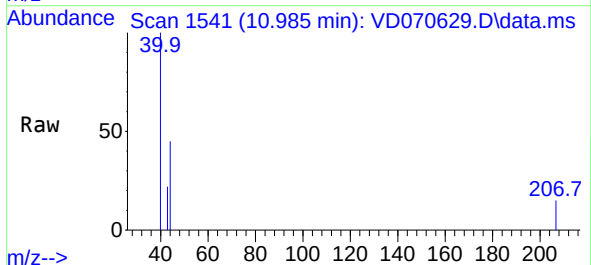
Instrument :
MSVOA_D
ClientSampleId :

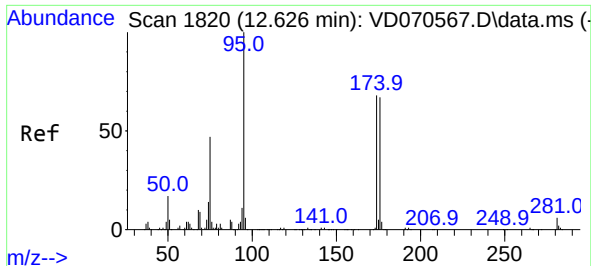
Tgt Ion: 69 Resp: 66
Ion Ratio Lower Upper
69 100
41 83.3 44.7 67.1#
39 104.5 19.5 29.3#



#59
2-Hexanone
Concen: Below Cal
RT: 10.985 min Scan# 1541
Delta R.T. 0.006 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 33.3 30.4 91.3



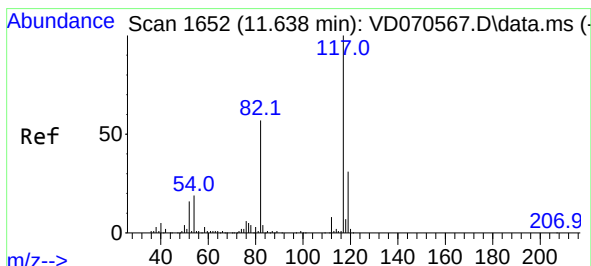
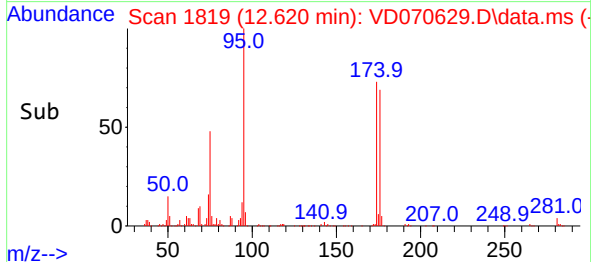
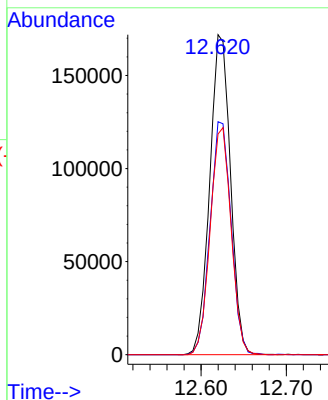
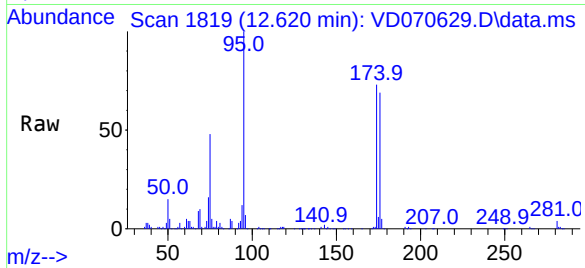


#62
4-Bromofluorobenzene
Concen: 45.025 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 290516

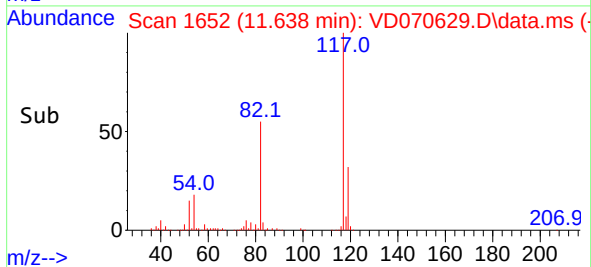
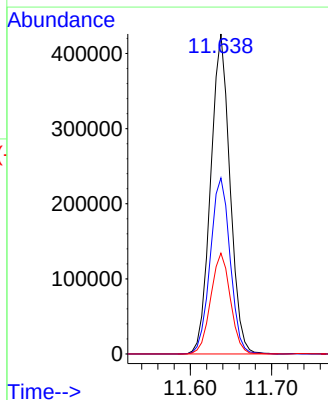
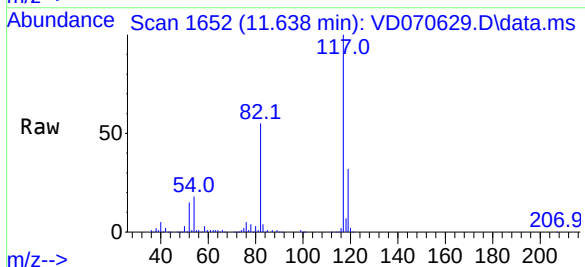
Ion	Ratio	Lower	Upper
95	100		
174	73.7	0.0	138.0
176	71.5	0.0	135.6

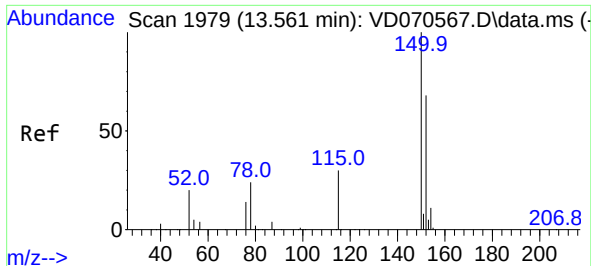


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

Tgt Ion: 117 Resp: 703244

Ion	Ratio	Lower	Upper
117	100		
82	55.0	45.4	68.2
119	31.5	24.7	37.1

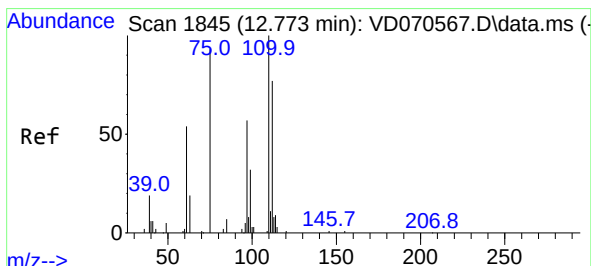
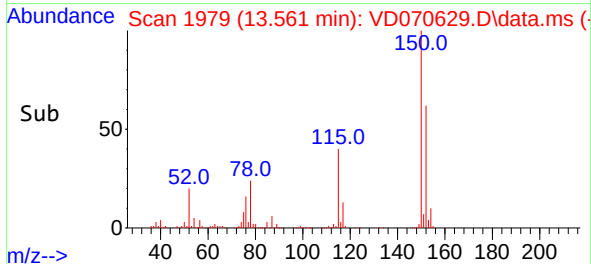
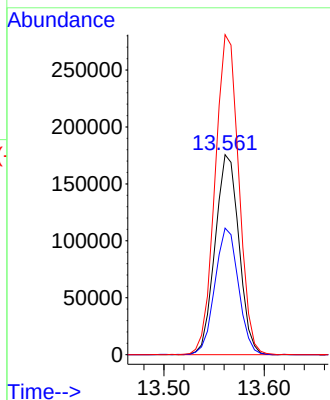
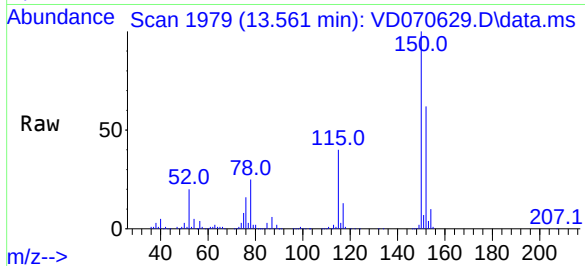




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

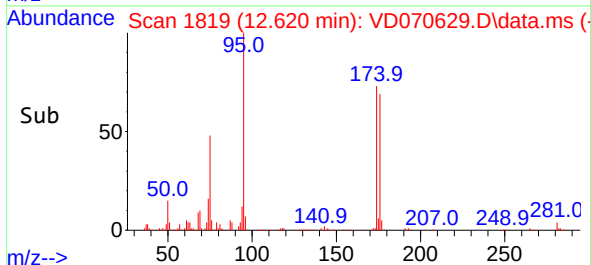
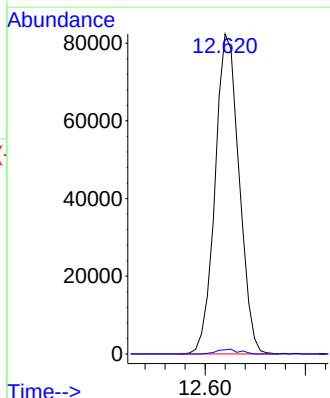
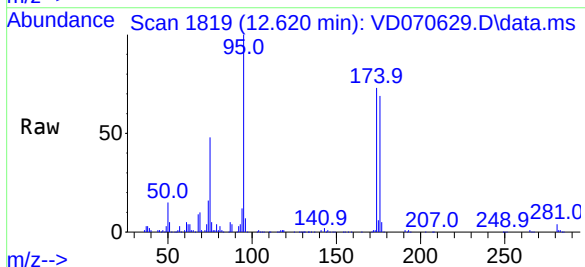
Instrument :
MSVOA_D
ClientSampleId :

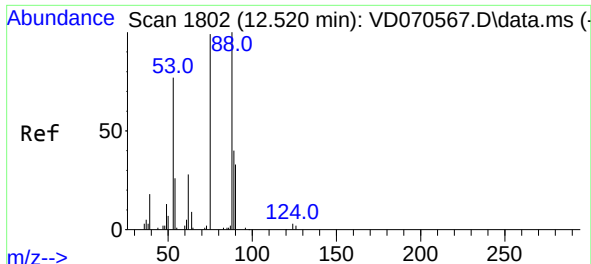
Tgt Ion:152 Resp: 290035
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.7
150 159.0 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 52.118 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

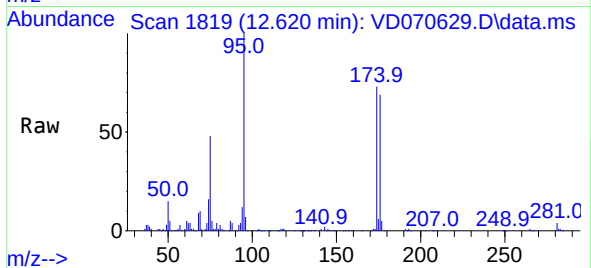
Tgt Ion: 75 Resp: 136817
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



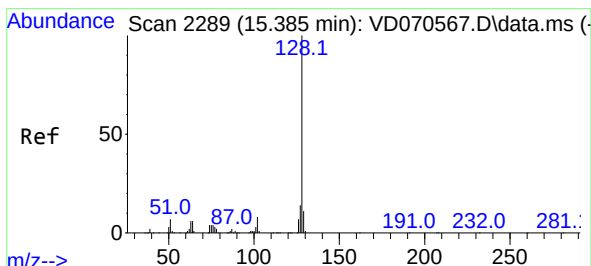
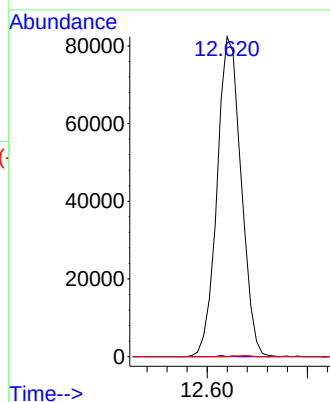
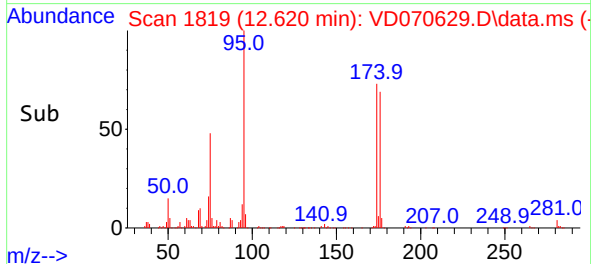


#81
trans-1,4-Dichloro-2-butene
Concen: 115.711 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38

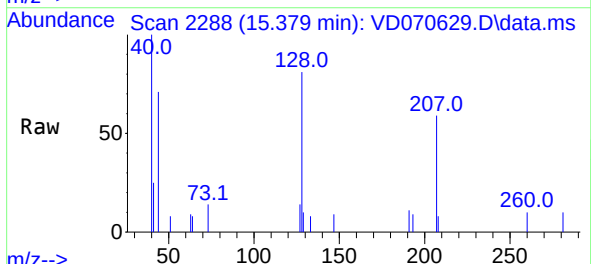
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 136817
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.836 ug/l
RT: 15.379 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD070629.D
Acq: 08 Oct 2021 10:38



Tgt Ion: 128 Resp: 3353
Ion Ratio Lower Upper
128 100
127 8.2 10.9 16.3#
129 5.9 8.6 12.8#

