

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070605.D
 Acq On : 07 Oct 2021 09:24
 Operator : VA/SY
 Sample : VD1007SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1007SBL01

Quant Time: Oct 08 04:48:03 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)

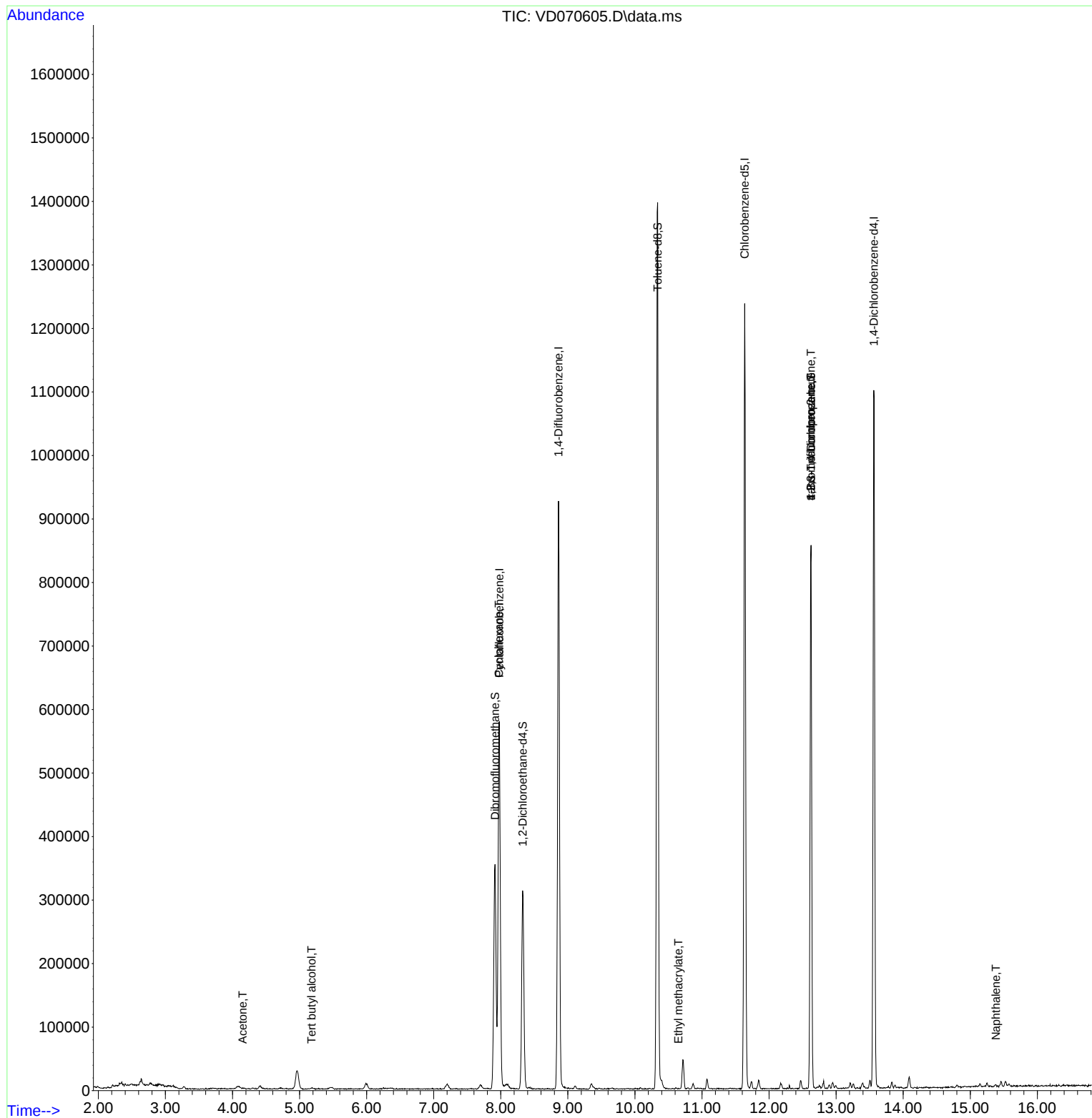
Internal Standards						
1) Pentafluorobenzene	7.979	168	407957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	788903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	734363	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	295395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	247780	51.61	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.22%			
35) Dibromofluoromethane	7.914	113	262922	50.13	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.26%			
50) Toluene-d8	10.337	98	1002110	49.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.96%			
62) 4-Bromofluorobenzene	12.626	95	303388	45.27	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.54%			
Target Compounds						
5) Bromomethane	2.773	94	2747	Below Cal	#	78
11) Tert butyl alcohol	5.179	59	722	3.04 ug/l	#	83
16) Acetone	4.150	43	934	1.15 ug/l	#	40
20) Methylene Chloride	4.961	84	26194	Below Cal	#	83
31) Cyclohexane	7.973	56	11357	1.28 ug/l	#	2
56) Ethyl methacrylate	10.649	69	213	1.41 ug/l	#	59
59) 2-Hexanone	10.979	43	747	Below Cal		61
76) 1,2,3-Trichloropropane	12.626	75	142973	53.47 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.626	75	142973	118.72 ug/l	#	17
95) Naphthalene	15.384	128	3231	2.82 ug/l	#	83

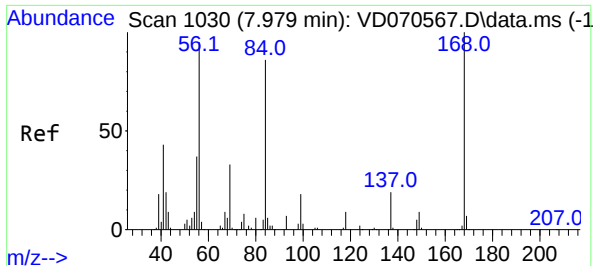
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

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Quant Time: Oct 08 04:48:03 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

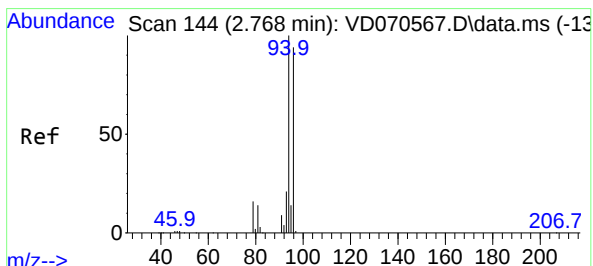
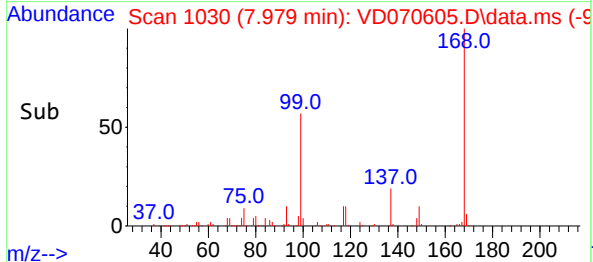
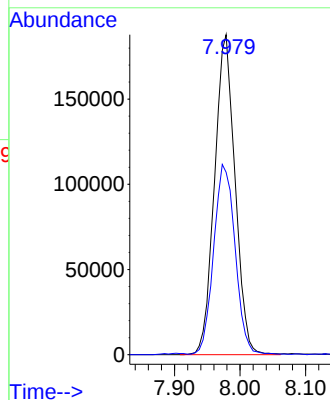
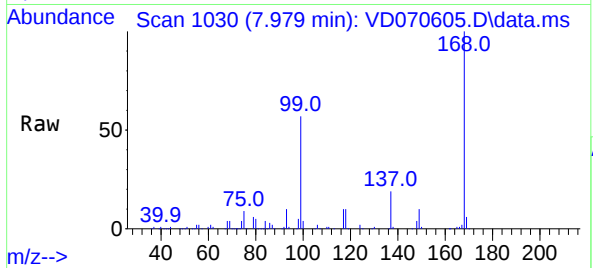




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

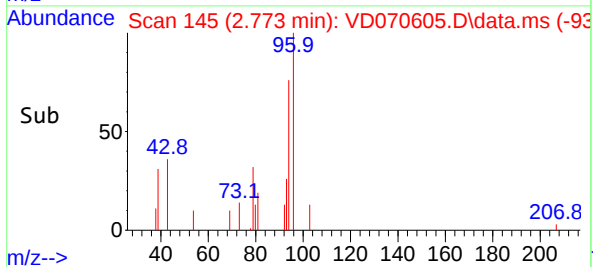
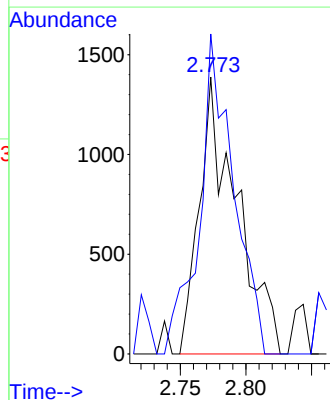
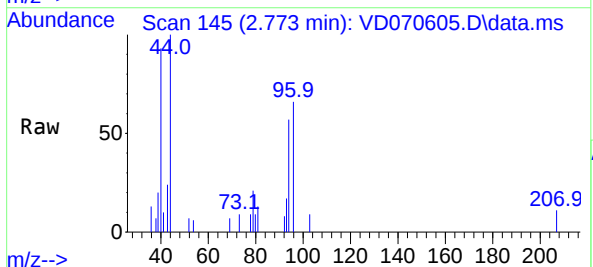
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBL01

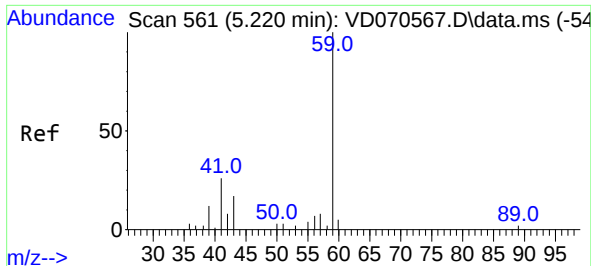
Tgt Ion:168 Resp: 407957
Ion Ratio Lower Upper
168 100
99 56.8 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Tgt Ion: 94 Resp: 2747
Ion Ratio Lower Upper
94 100
96 115.6 75.5 113.3#



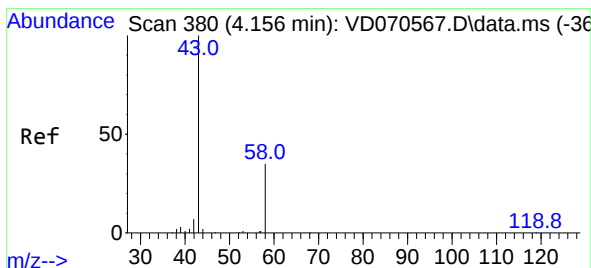
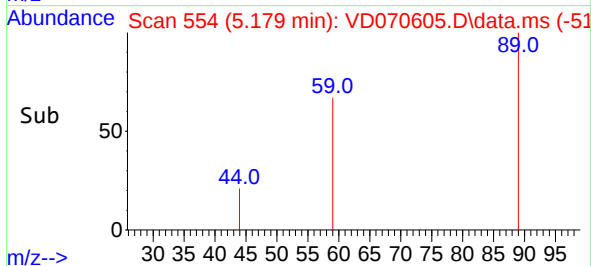
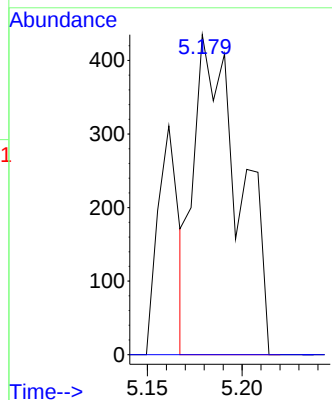
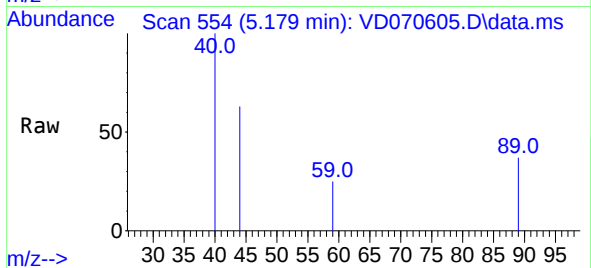


#11

Tert butyl alcohol
Concen: 3.04 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.041 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBL01

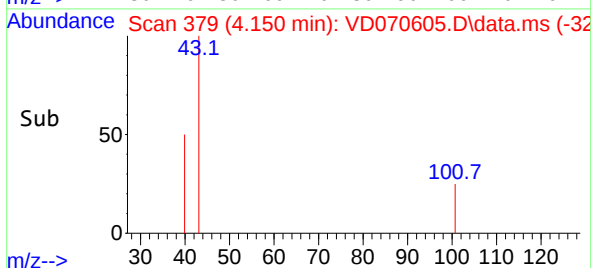
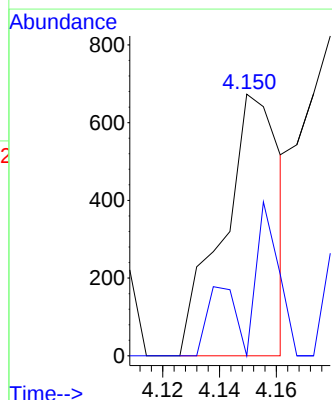
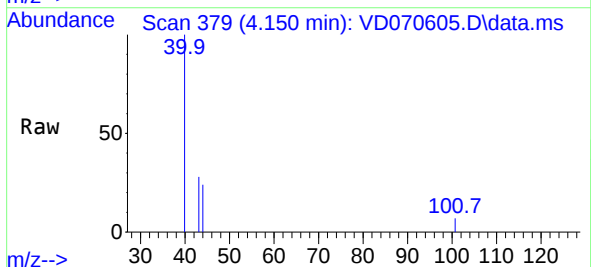
Tgt Ion: 59 Resp: 722
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

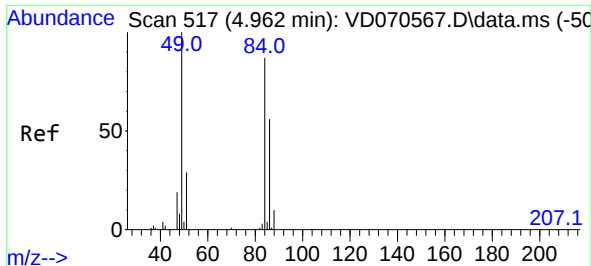


#16

Acetone
Concen: 1.15 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

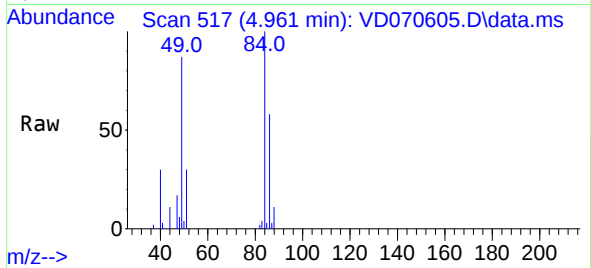
Tgt Ion: 43 Resp: 934
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.2#



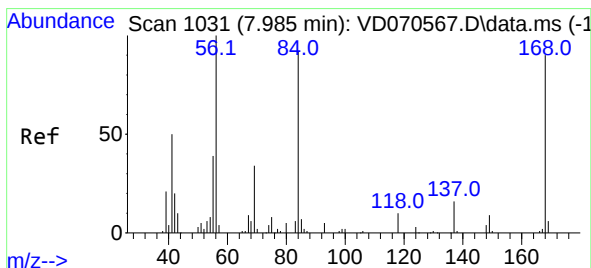
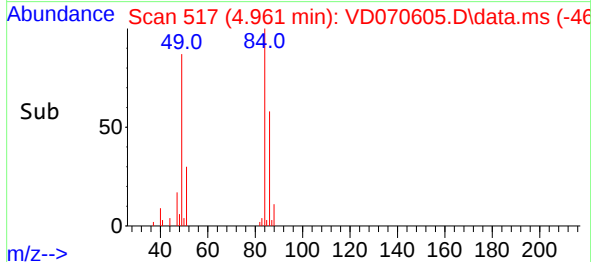
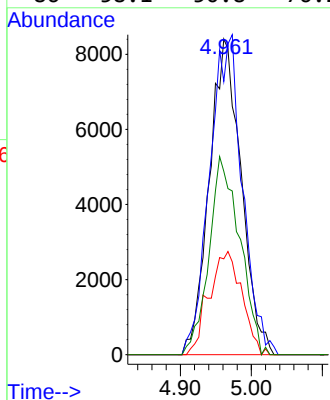


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBL01

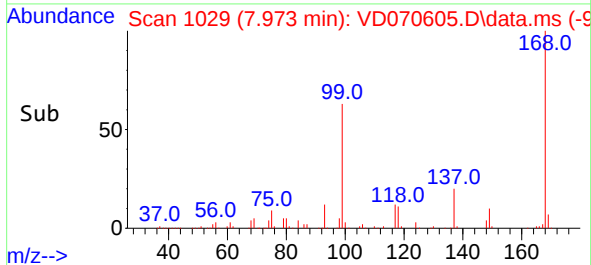
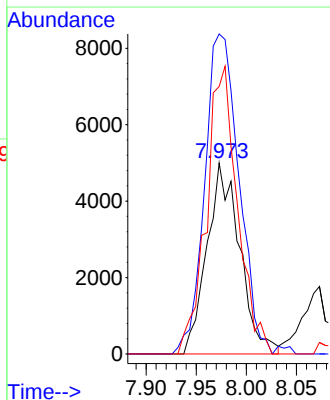
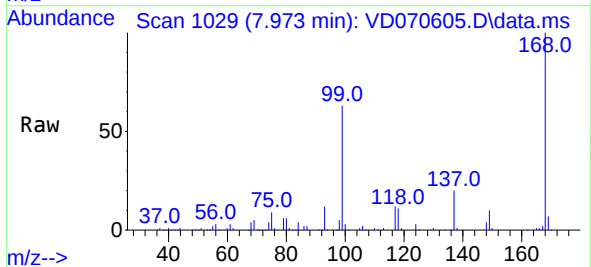


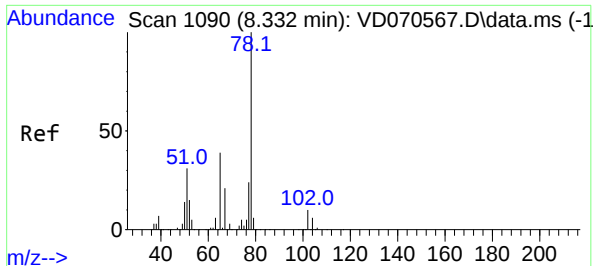
Tgt Ion:	84	Resp:	26194
Ion	Ratio	Lower	Upper
84	100		
49	86.6	91.4	137.2#
51	30.3	26.7	40.1
86	58.1	50.8	76.2



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Tgt Ion:	56	Resp:	11357
Ion	Ratio	Lower	Upper
56	100		
69	164.2	27.4	41.2#
84	140.0	73.6	110.4#

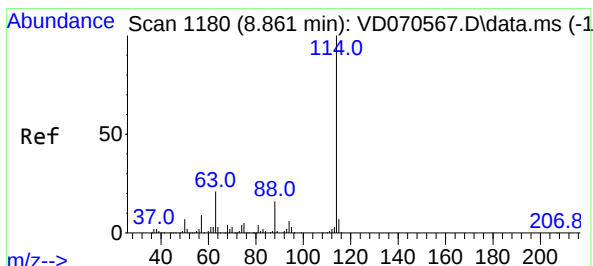
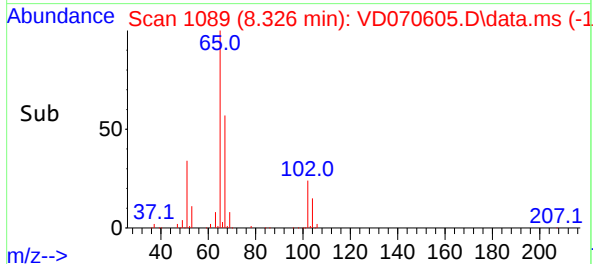
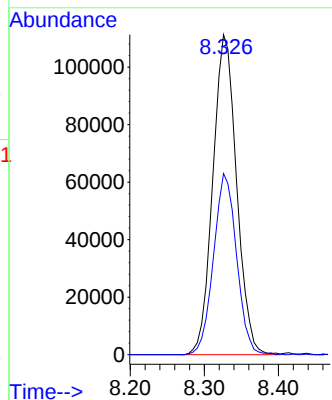
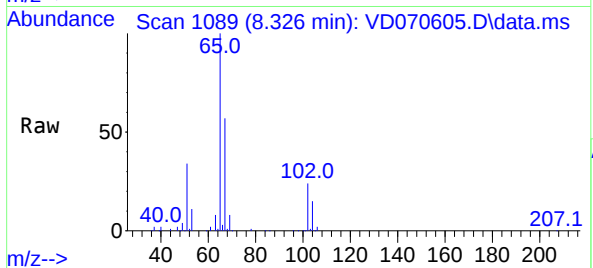




#33
1,2-Dichloroethane-d4
Concen: 51.61 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

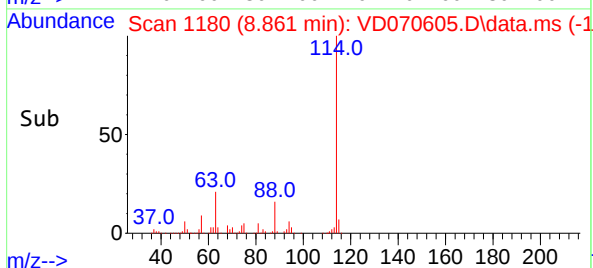
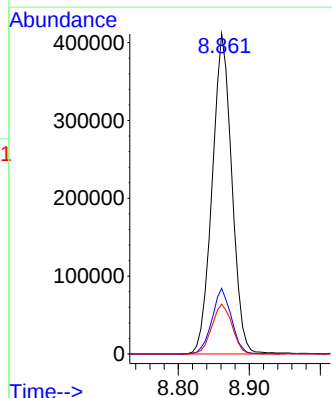
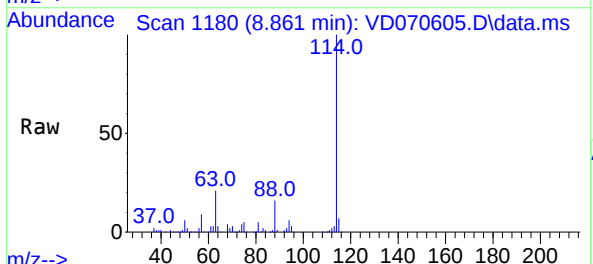
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBL01

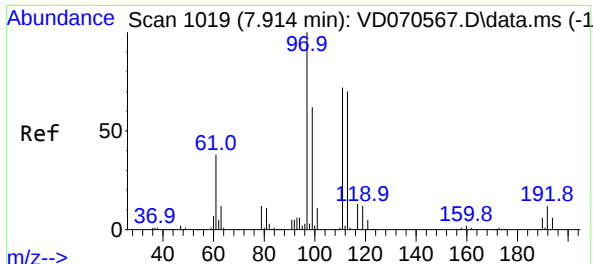
Tgt Ion: 65 Resp: 247780
Ion Ratio Lower Upper
65 100
67 54.9 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Tgt Ion: 114 Resp: 788903
Ion Ratio Lower Upper
114 100
63 20.5 0.0 41.8
88 15.5 0.0 32.6

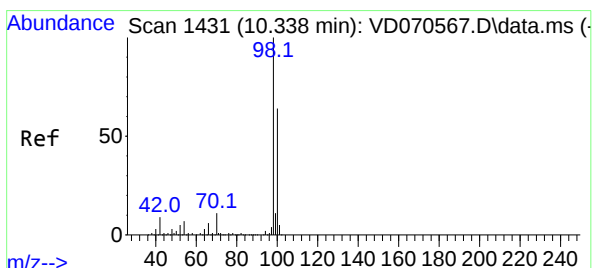
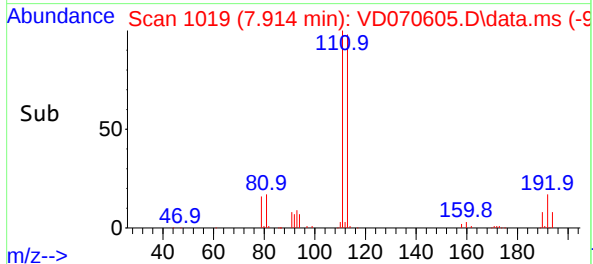
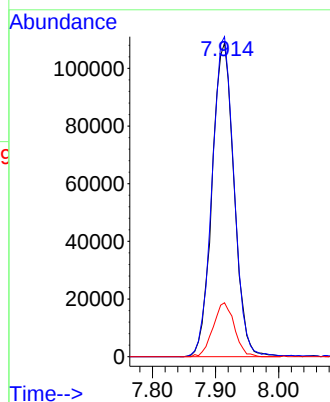
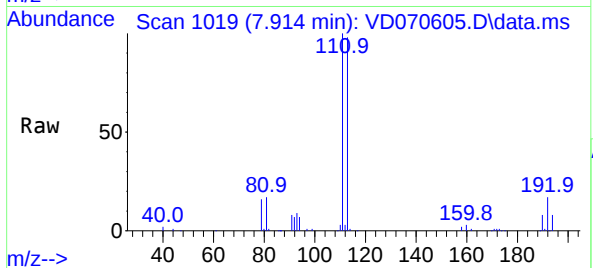




#35
Dibromofluoromethane
Concen: 50.13 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

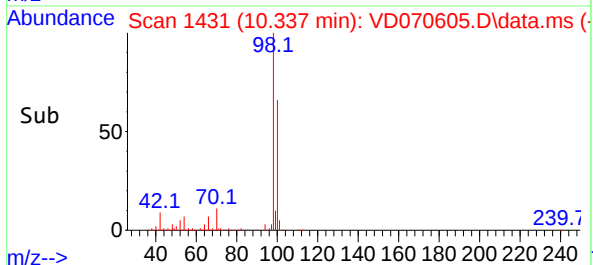
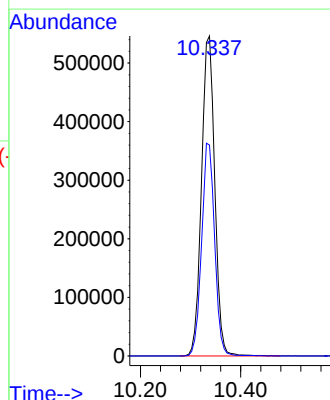
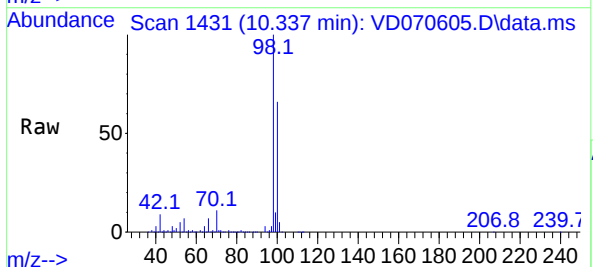
Instrument :
MSVOA_D
ClientSampleId :
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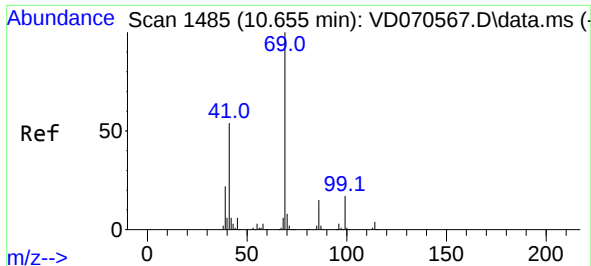
Tgt Ion:113 Resp: 262922
Ion Ratio Lower Upper
113 100
111 101.7 83.1 124.7
192 16.7 12.7 19.1



#50
Toluene-d8
Concen: 49.98 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Tgt Ion: 98 Resp: 1002110
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4

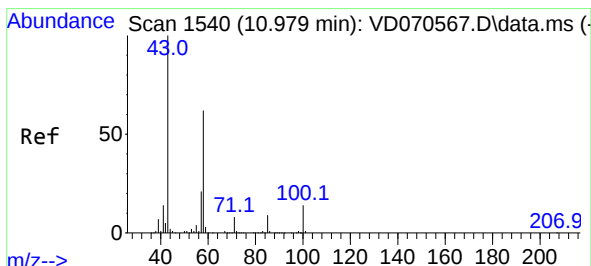
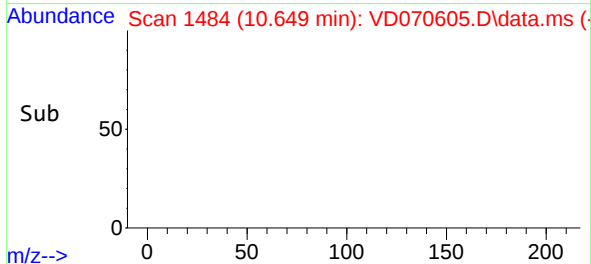
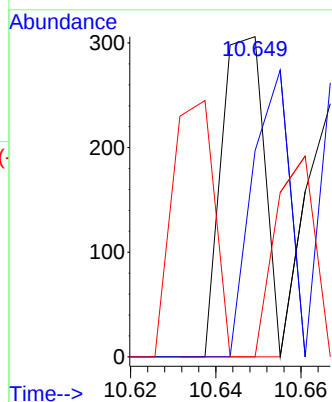
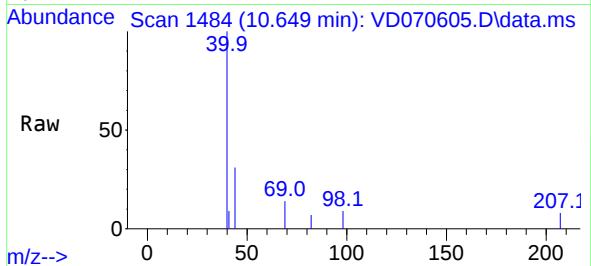




#56
Ethyl methacrylate
Concen: 1.41 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

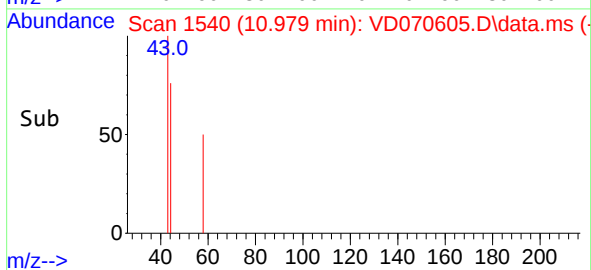
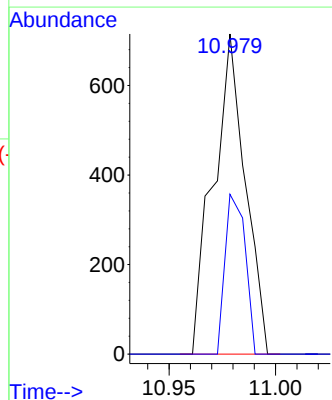
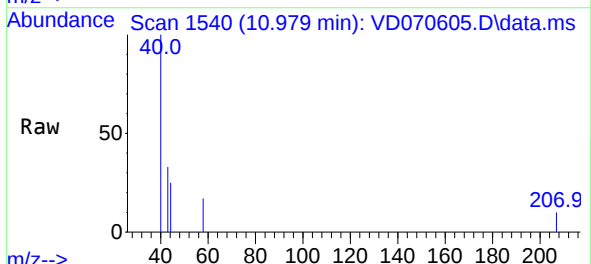
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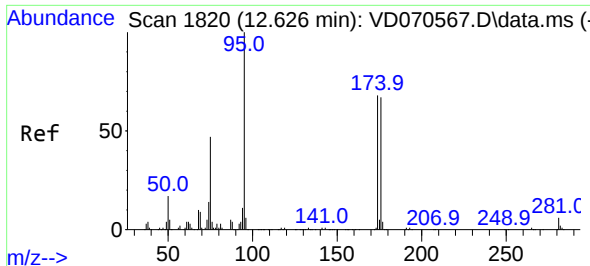
Tgt Ion:	69	Resp:	213
Ion	Ratio	Lower	Upper
69	100		
41	77.9	44.7	67.1#
39	57.7	19.5	29.3#



#59
2-Hexanone
Concen: Below Cal
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Tgt Ion:	43	Resp:	747
Ion	Ratio	Lower	Upper
43	100		
58	31.2	30.4	91.3



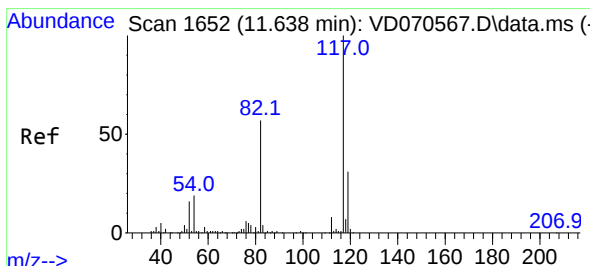
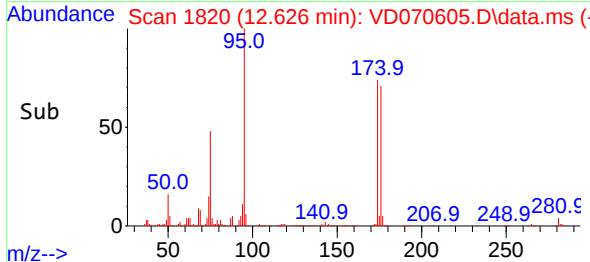
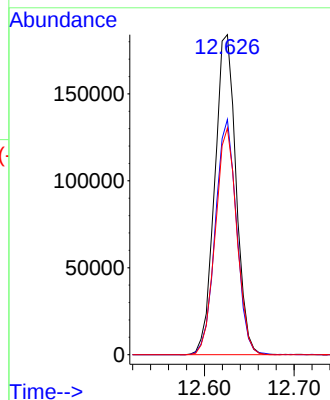
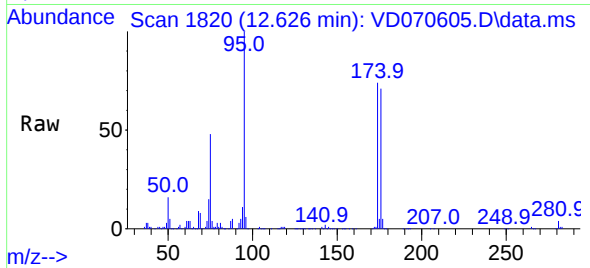


#62
4-Bromofluorobenzene
Concen: 45.27 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBL01

Tgt Ion: 95 Resp: 303388

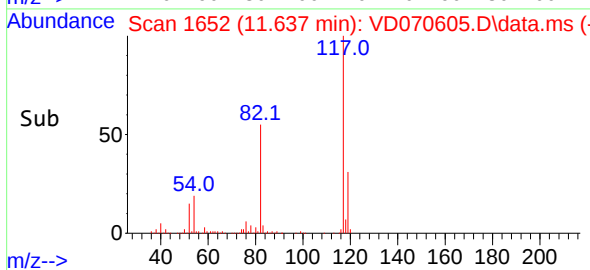
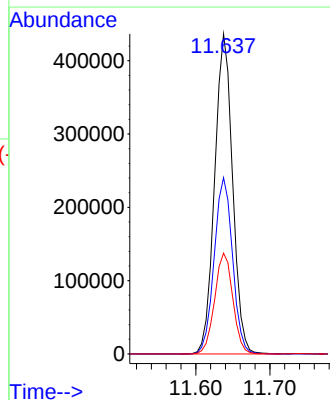
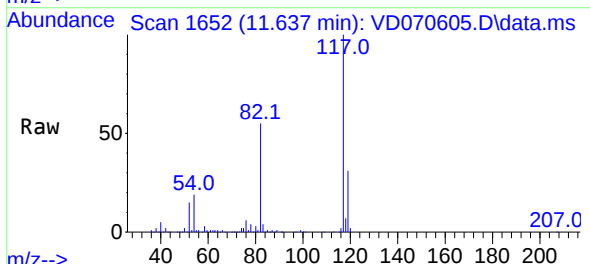
Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	138.0
176	71.2	0.0	135.6

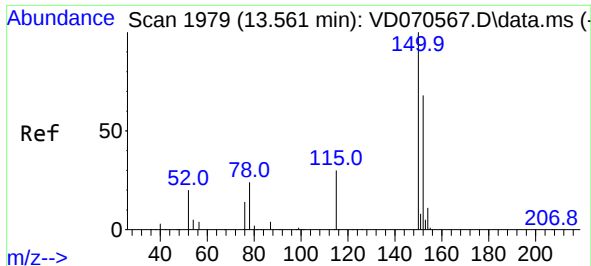


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Tgt Ion: 117 Resp: 734363

Ion	Ratio	Lower	Upper
117	100		
82	55.1	45.4	68.2
119	31.5	24.7	37.1

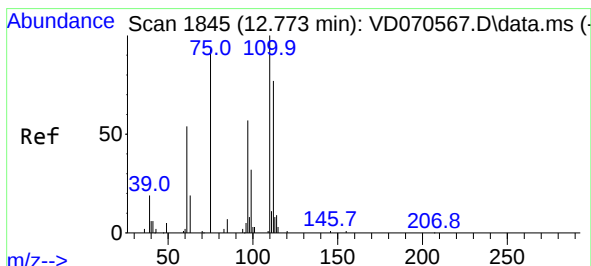
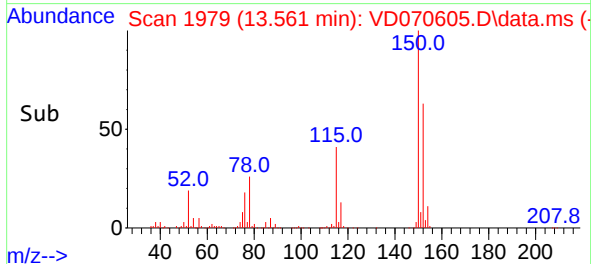
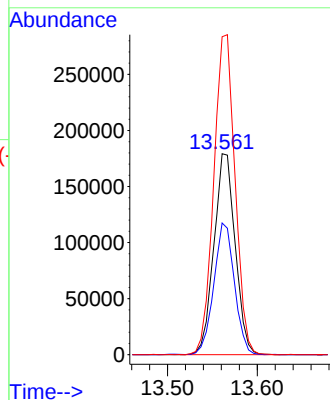
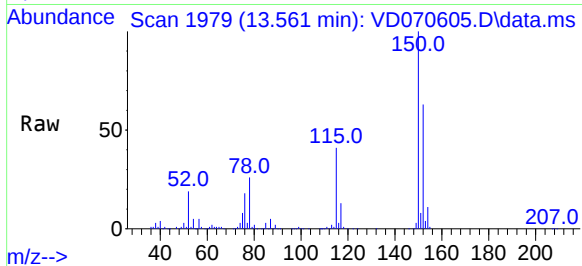




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

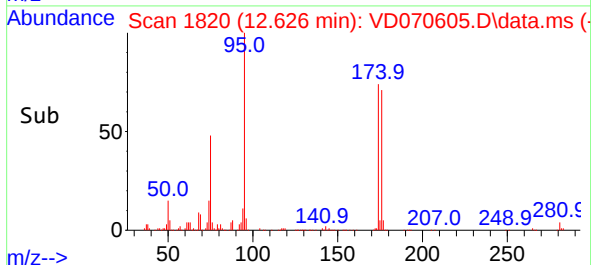
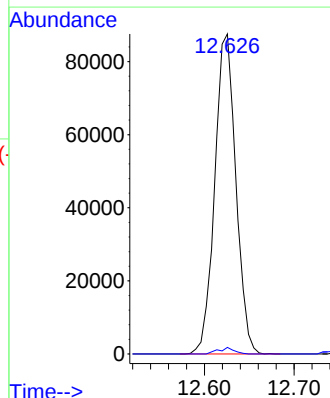
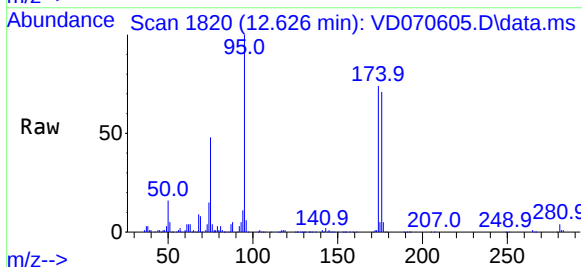
Instrument :
MSVOA_D
ClientSampleId :
VD1007SBL01

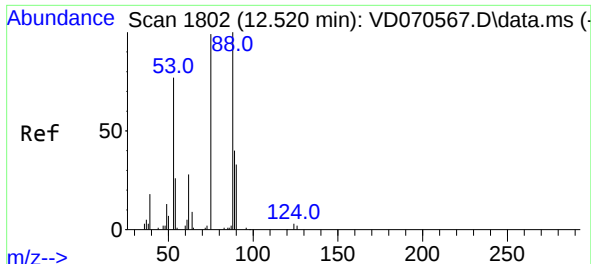
Tgt Ion:152 Resp: 295395
Ion Ratio Lower Upper
152 100
115 63.5 31.9 95.7
150 159.2 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 53.47 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Tgt Ion: 75 Resp: 142973
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

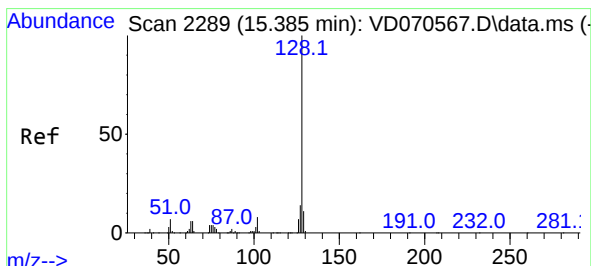
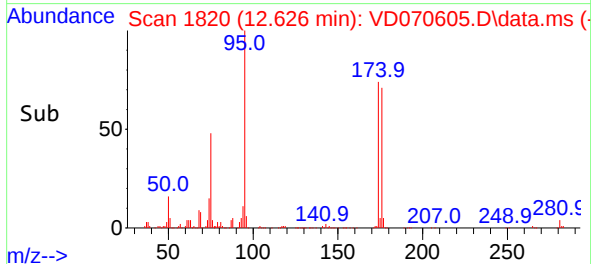
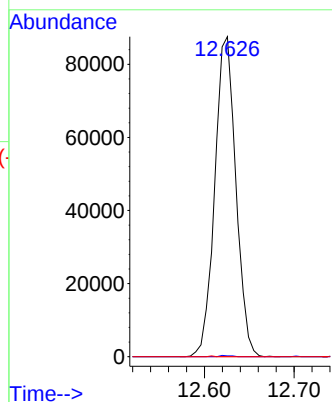
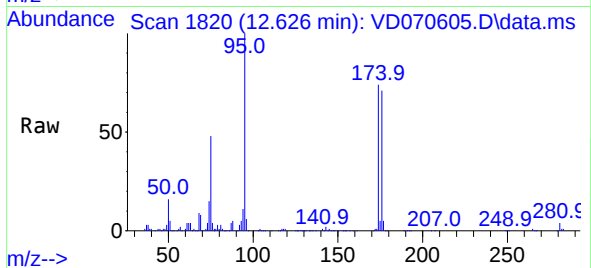




#81
trans-1,4-Dichloro-2-butene
Concen: 118.72 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Instrument :
MSVOA_D
ClientSampleId :
VD1007SBL01

Tgt Ion: 75 Resp: 142973
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.1 35.3 52.9#



#95
Naphthalene
Concen: 2.82 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD070605.D
Acq: 07 Oct 2021 09:24

Tgt Ion: 128 Resp: 3231
Ion Ratio Lower Upper
128 100
127 7.7 10.9 16.3#
129 2.8 8.6 12.8#

