

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070632.D
 Acq On : 08 Oct 2021 12:02
 Operator : VA/SY
 Sample : M4061-02RE
 Misc : 5.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 11 02:21:37 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)

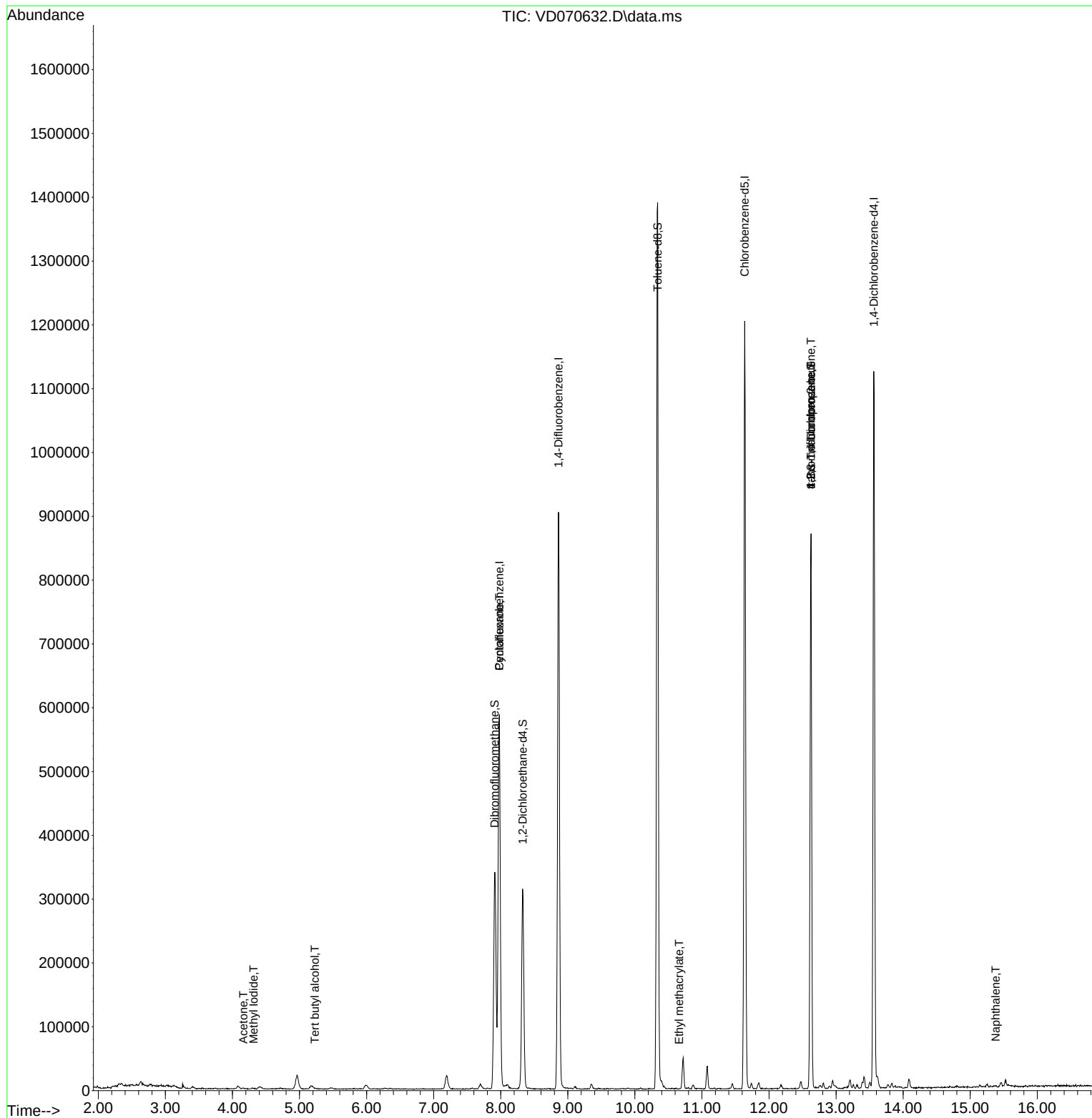
Internal Standards						
1) Pentafluorobenzene	7.979	168	417803	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	791380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	725878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	299987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	249704	50.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.560%
35) Dibromofluoromethane	7.909	113	260263	49.465	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.940%
50) Toluene-d8	10.338	98	988625	49.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.626	95	303952	45.213	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.420%
Target Compounds						
5) Bromomethane	2.791	94	2767	Below Cal	#	65
10) Methyl Iodide	4.315	142	1547	1.003	ug/l #	89
11) Tert butyl alcohol	5.226	59	586	2.406	ug/l #	83
16) Acetone	4.162	43	1863	2.231	ug/l	92
20) Methylene Chloride	4.967	84	16729	Below Cal	#	78
31) Cyclohexane	7.979	56	10971	1.205	ug/l #	1
56) Ethyl methacrylate	10.661	69	223	1.415	ug/l #	80
59) 2-Hexanone	10.967	43	282	Below Cal		92
76) 1,2,3-Trichloropropane	12.626	75	144593	53.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	144593	118.231	ug/l #	17
95) Naphthalene	15.379	128	2234	2.713	ug/l #	87

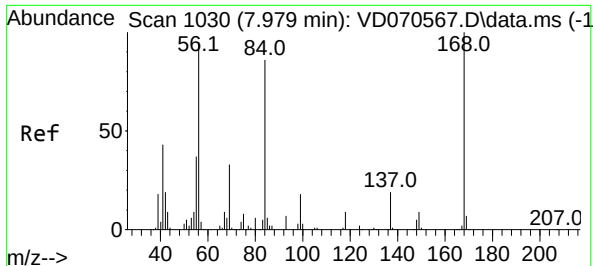
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

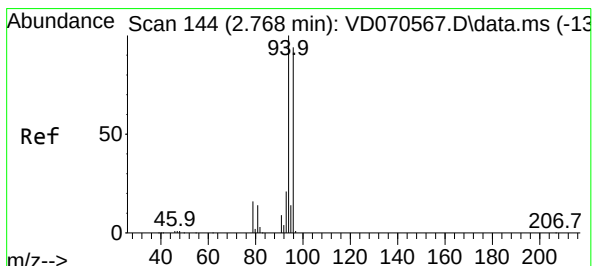
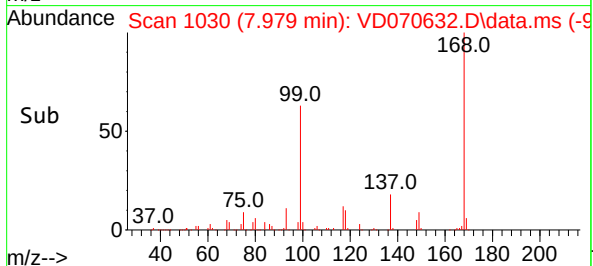
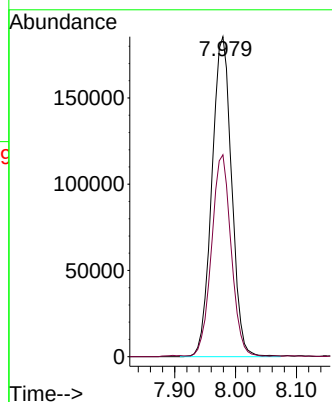
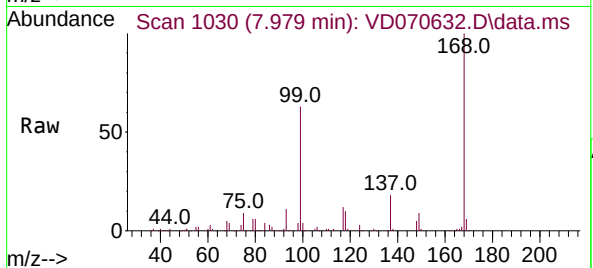




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

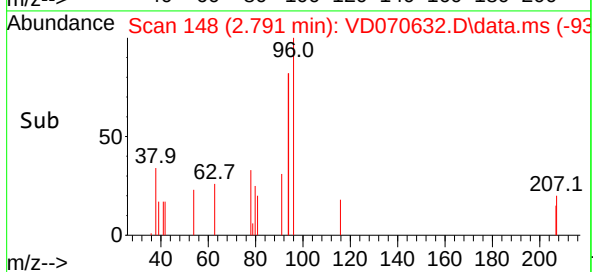
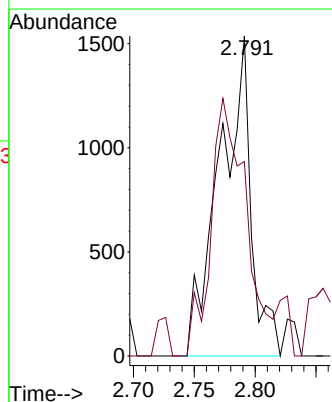
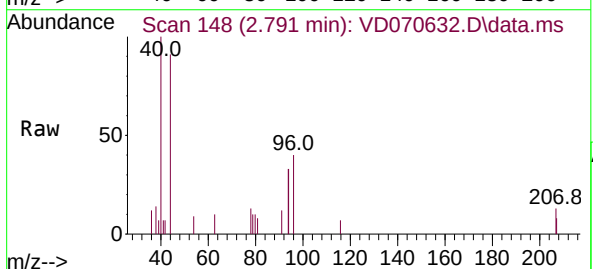
Instrument :
MSVOA_D
ClientSampleId :

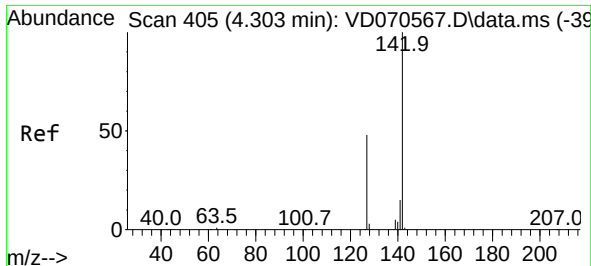
Tgt Ion:168 Resp: 417803
Ion Ratio Lower Upper
168 100
99 62.9 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.023 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

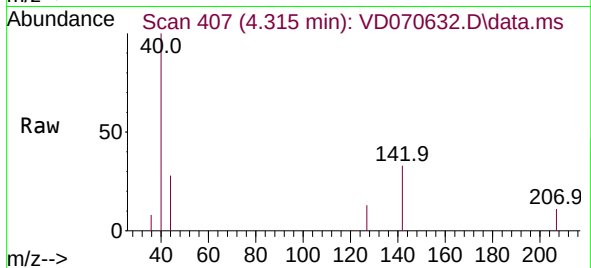
Tgt Ion: 94 Resp: 2767
Ion Ratio Lower Upper
94 100
96 60.8 75.5 113.3#



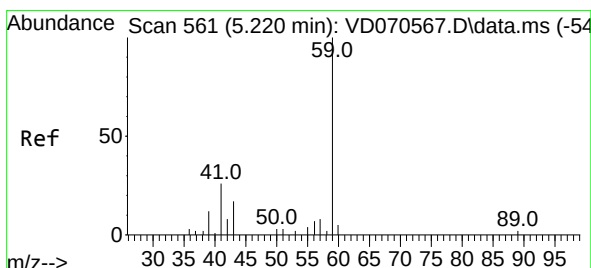
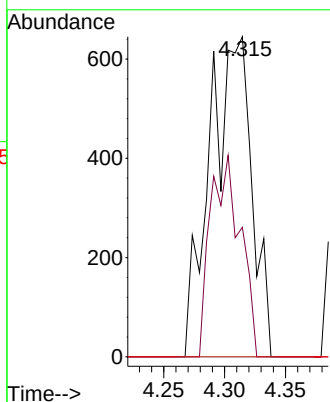
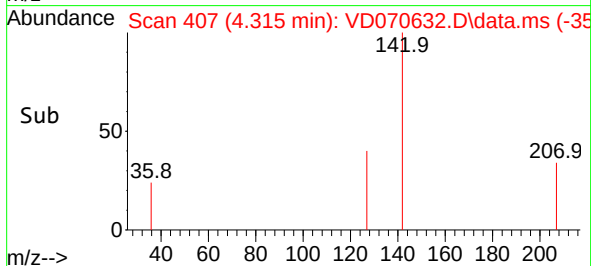


#10
Methyl Iodide
Concen: 1.003 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

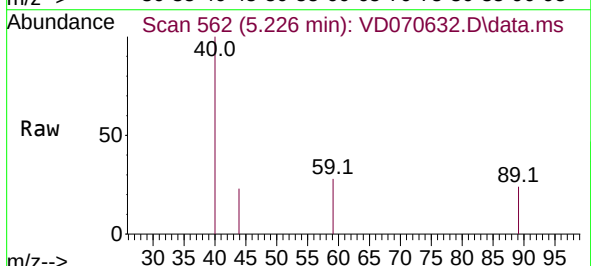
Instrument :
MSVOA_D
ClientSampled :



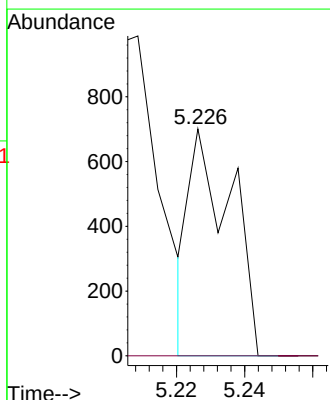
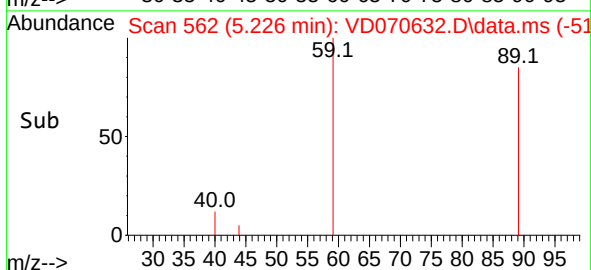
Tgt Ion:142 Resp: 1547
Ion Ratio Lower Upper
142 100
127 44.9 37.5 56.3
141 0.0 12.1 18.1#

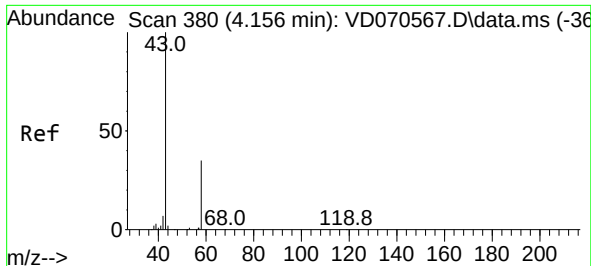


#11
Tert butyl alcohol
Concen: 2.406 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.006 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02



Tgt Ion: 59 Resp: 586
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#

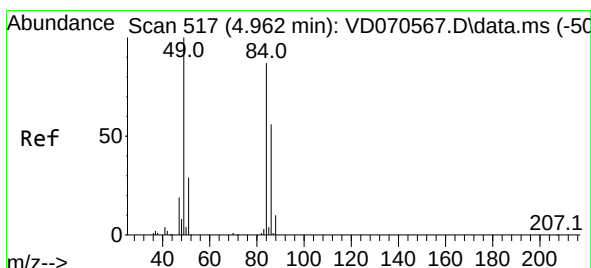
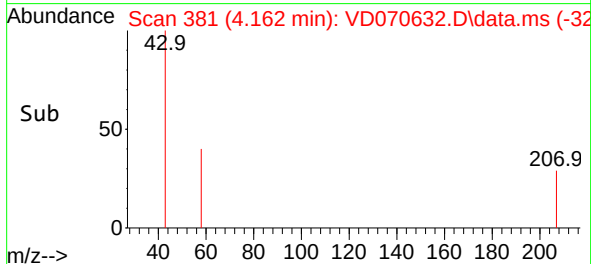
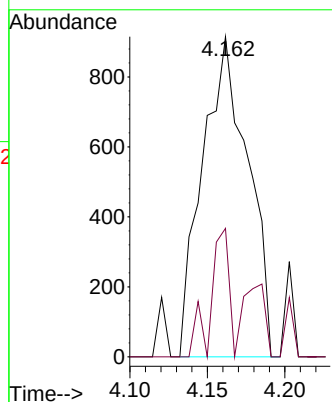
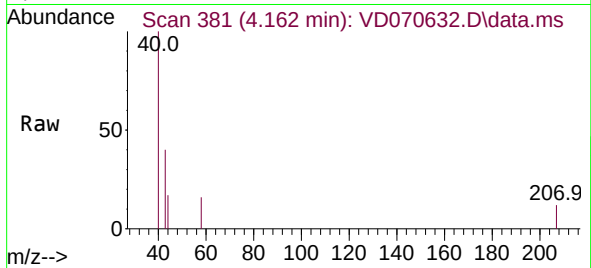




#16
Acetone
Concen: 2.231 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

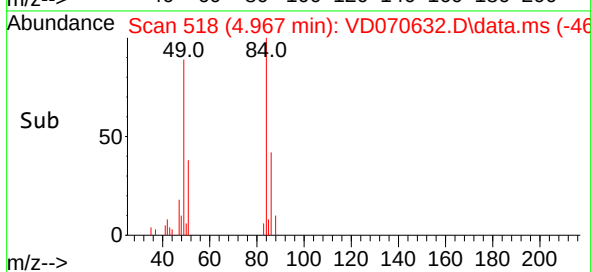
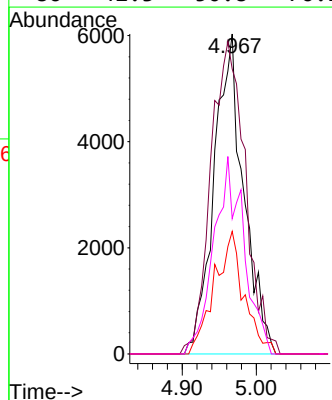
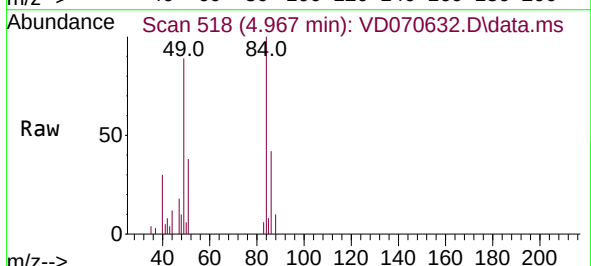
Instrument :
MSVOA_D
ClientSampled :

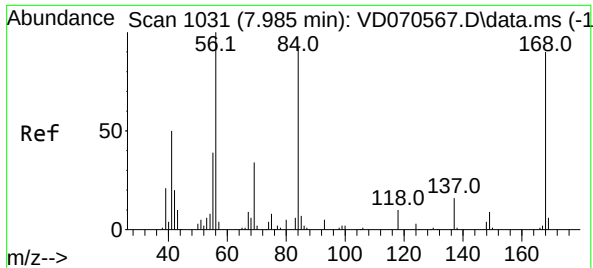
Tgt Ion: 43 Resp: 1863
Ion Ratio Lower Upper
43 100
58 40.1 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

Tgt Ion: 84 Resp: 16729
Ion Ratio Lower Upper
84 100
49 89.0 91.4 137.2#
51 38.3 26.7 40.1
86 42.3 50.8 76.2#

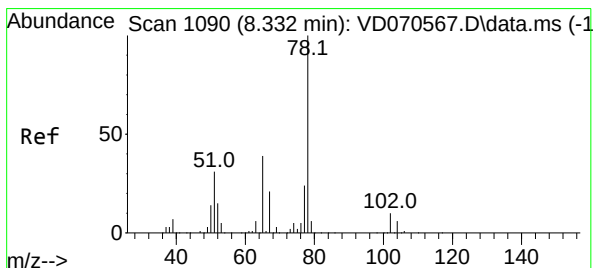
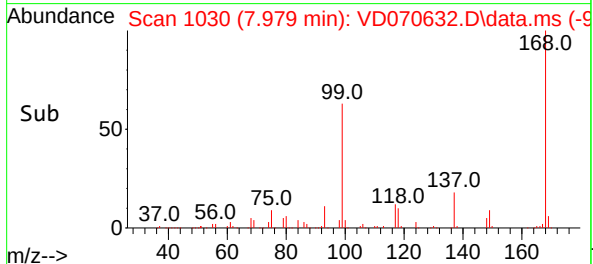
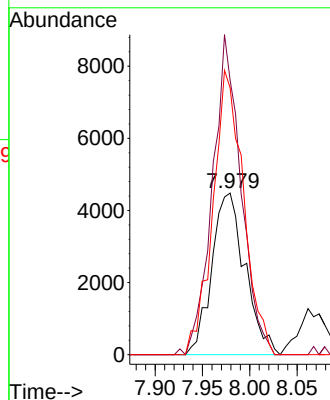
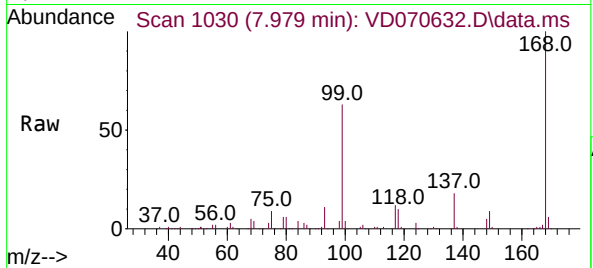




#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

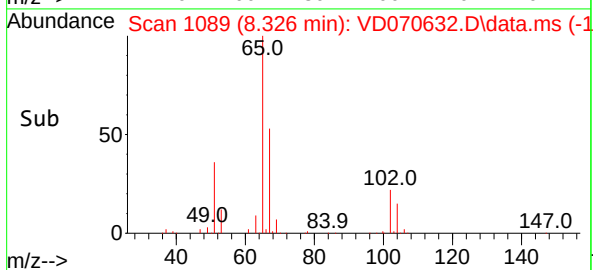
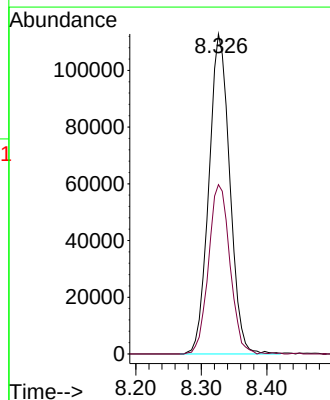
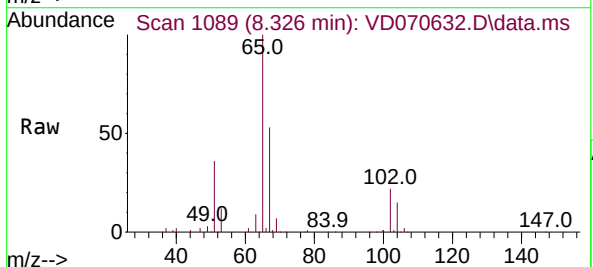
Instrument :
MSVOA_D
ClientSampled :

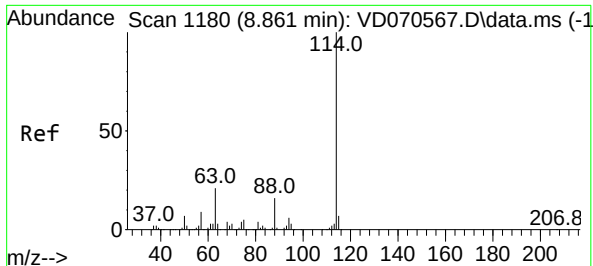
Tgt Ion: 56 Resp: 10971
Ion Ratio Lower Upper
56 100
69 169.9 27.4 41.2#
84 165.2 73.6 110.4#



#33
1,2-Dichloroethane-d4
Concen: 50.784 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

Tgt Ion: 65 Resp: 249704
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

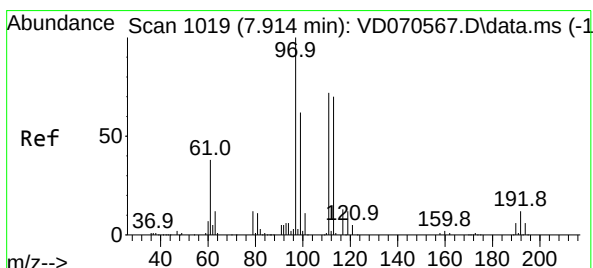
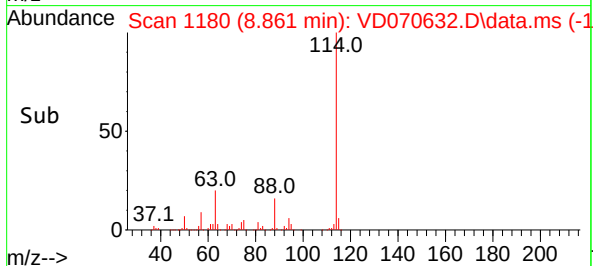
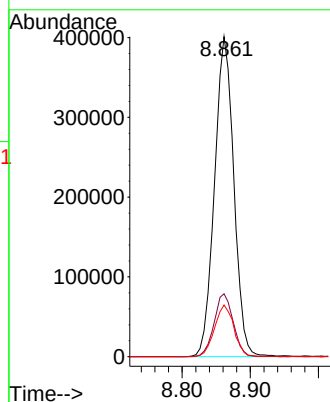
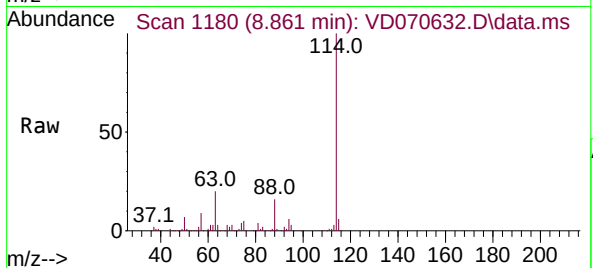
Delta R.T. 0.000 min

Lab File: VD070632.D

Acq: 08 Oct 2021 12:02

Tgt Ion:	114	Resp:	791380
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	41.8
88	16.2	0.0	32.6

Instrument :
MSVOA_D
ClientSampleId :



#35

Dibromofluoromethane

Concen: 49.465 ug/l

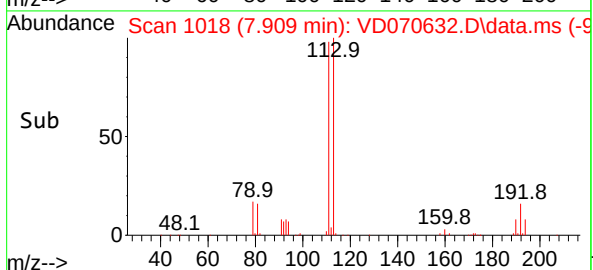
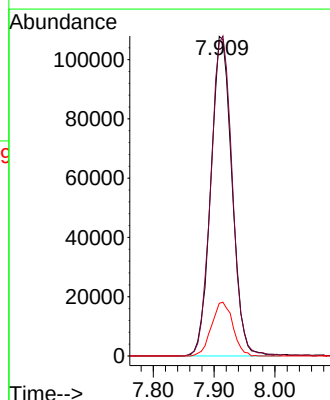
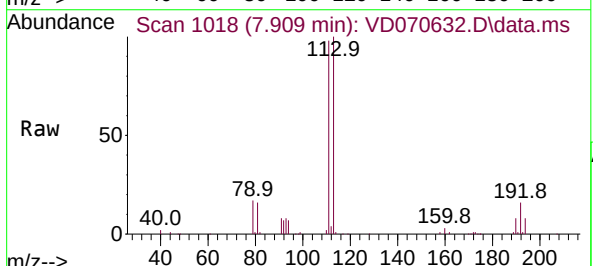
RT: 7.909 min Scan# 1018

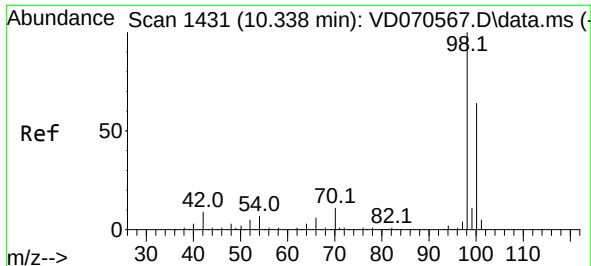
Delta R.T. -0.006 min

Lab File: VD070632.D

Acq: 08 Oct 2021 12:02

Tgt Ion:	113	Resp:	260263
Ion	Ratio	Lower	Upper
113	100		
111	101.2	83.1	124.7
192	16.9	12.7	19.1

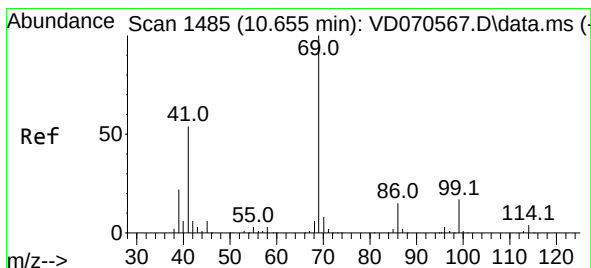
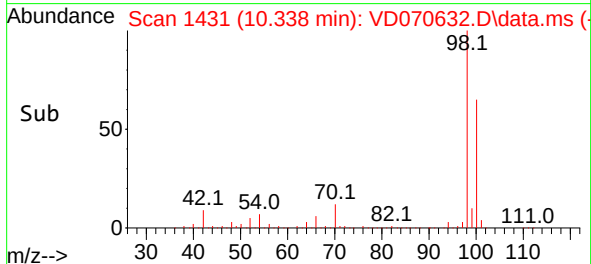
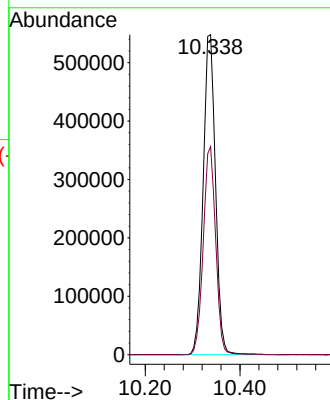
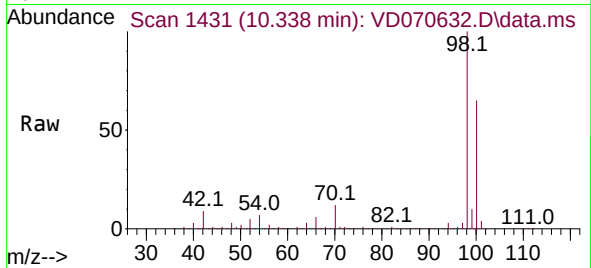




#50
Toluene-d8
Concen: 49.151 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

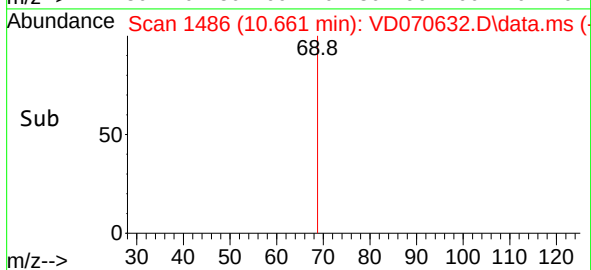
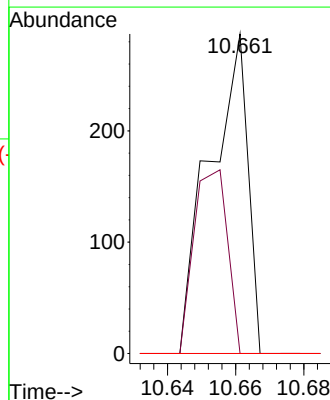
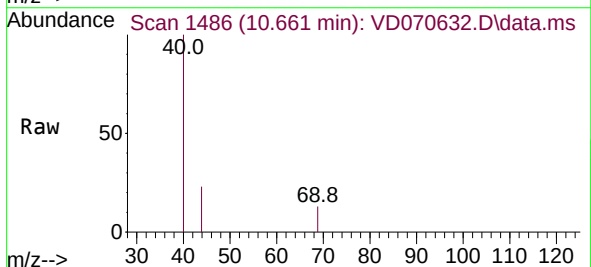
Instrument :
MSVOA_D
ClientSampleId :

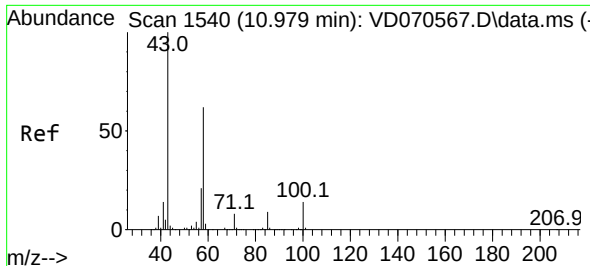
Tgt Ion: 98 Resp: 988625
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.4



#56
Ethyl methacrylate
Concen: 1.415 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

Tgt Ion: 69 Resp: 223
Ion Ratio Lower Upper
69 100
41 50.7 44.7 67.1
39 0.0 19.5 29.3#

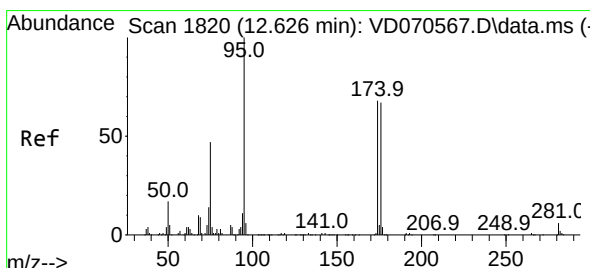
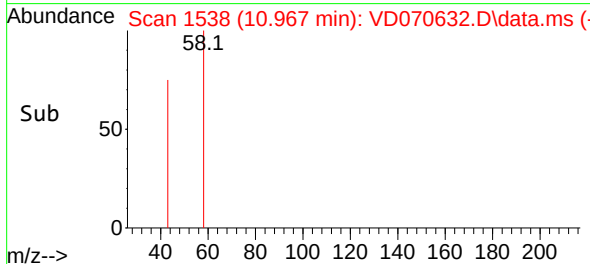
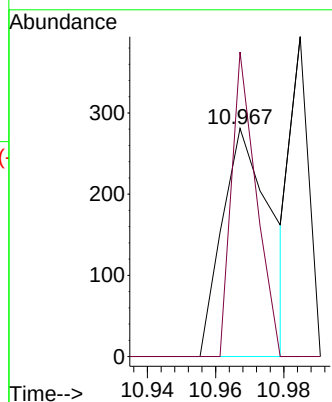
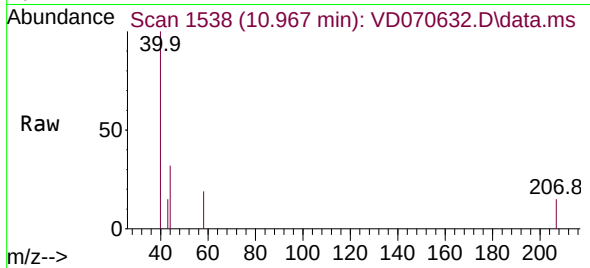




#59
2-Hexanone
Concen: Below Cal
RT: 10.967 min Scan# 1538
Delta R.T. -0.012 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

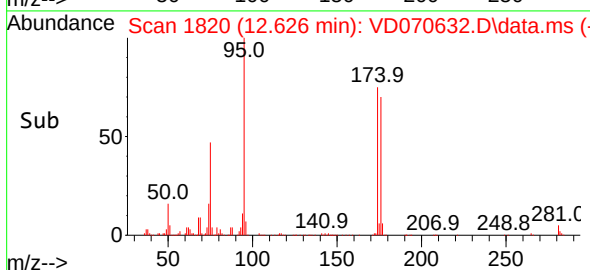
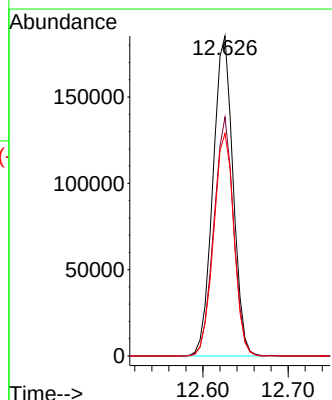
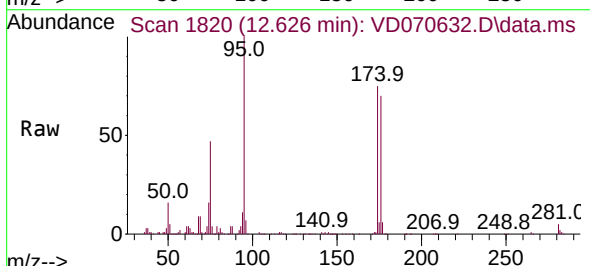
Instrument :
MSVOA_D
ClientSampled :

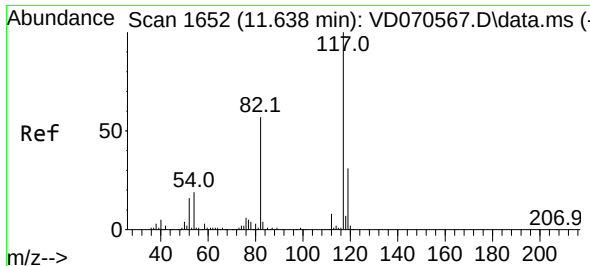
Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
58 67.0 30.4 91.3



#62
4-Bromofluorobenzene
Concen: 45.213 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

Tgt Ion: 95 Resp: 303952
Ion Ratio Lower Upper
95 100
174 73.3 0.0 138.0
176 70.1 0.0 135.6

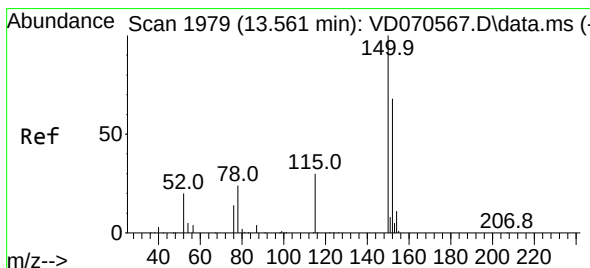
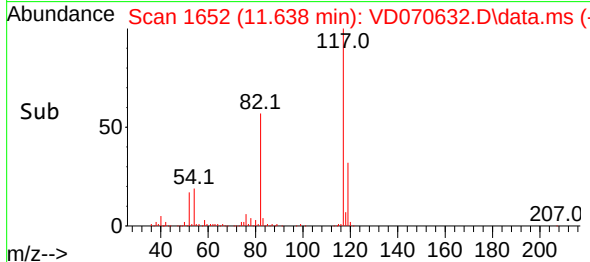
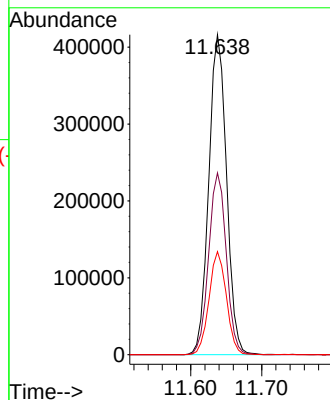
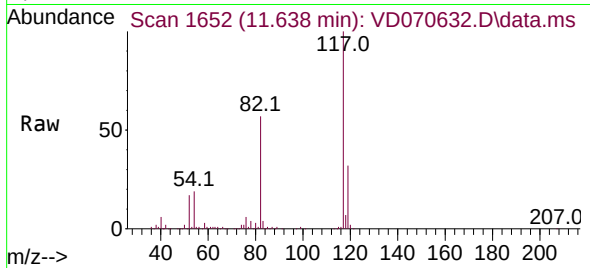




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

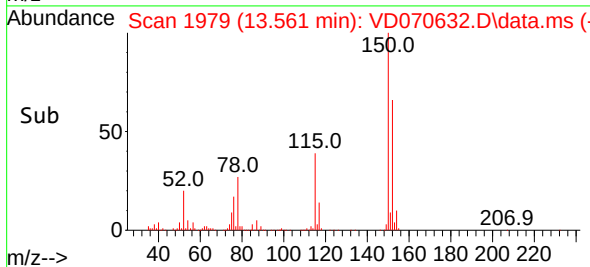
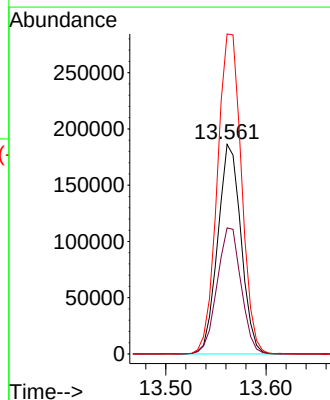
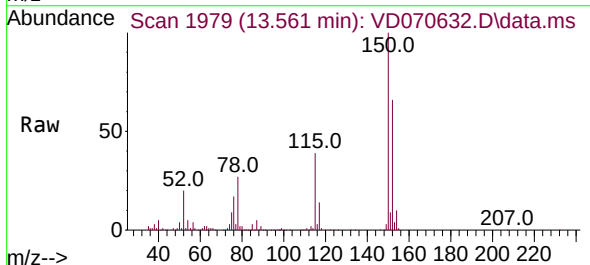
Instrument :
MSVOA_D
ClientSampleId :

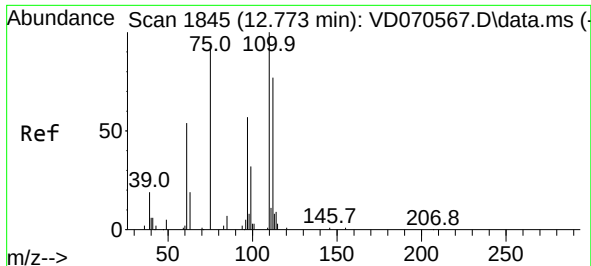
Tgt Ion:117 Resp: 725878
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 32.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

Tgt Ion:152 Resp: 299987
Ion Ratio Lower Upper
152 100
115 62.2 31.9 95.7
150 158.6 0.0 350.0

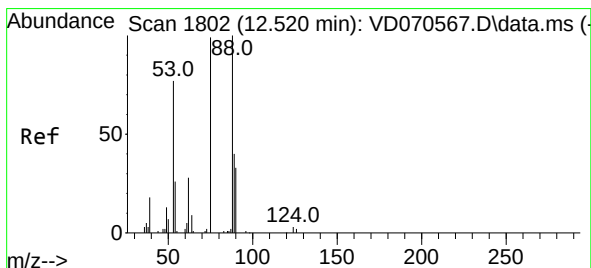
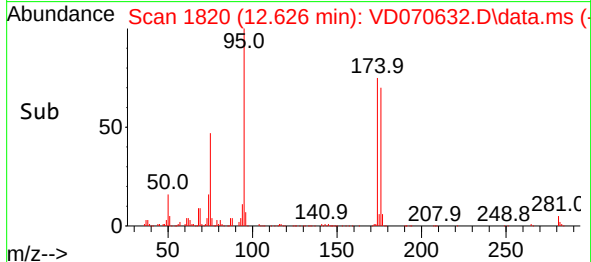
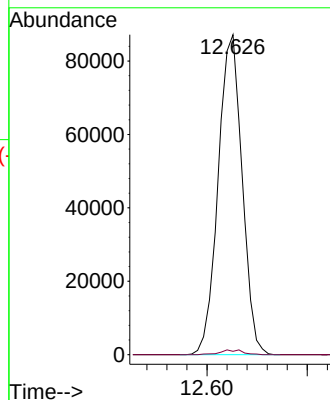
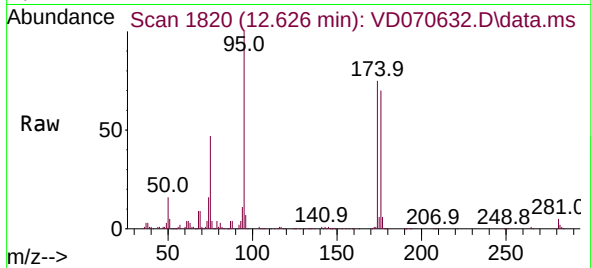




#76
1,2,3-Trichloropropane
Concen: 53.253 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

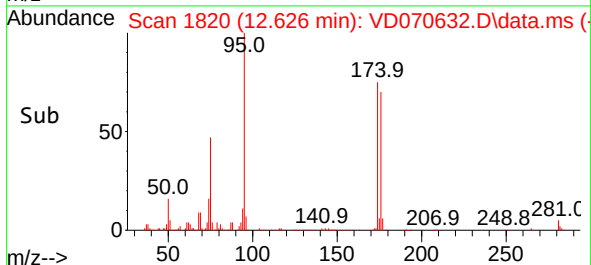
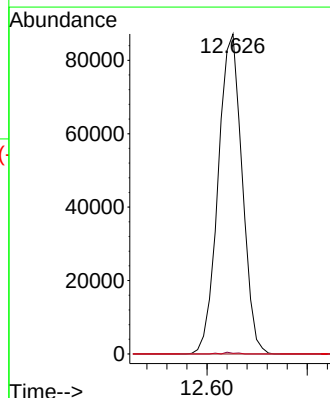
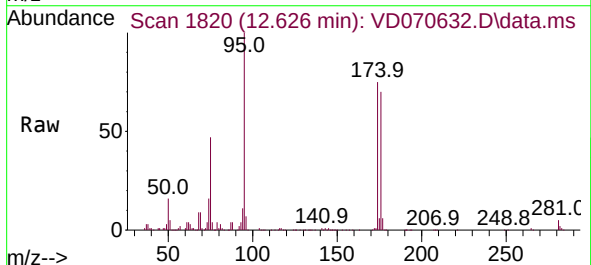
Instrument :
MSVOA_D
ClientSampleId :

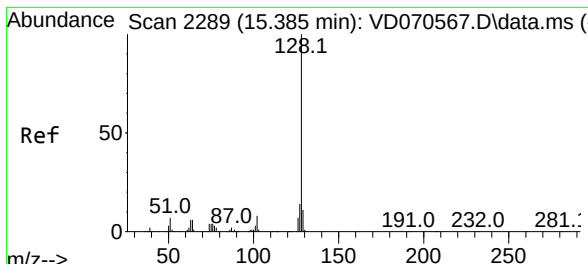
Tgt Ion: 75 Resp: 144593
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.231 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070632.D
Acq: 08 Oct 2021 12:02

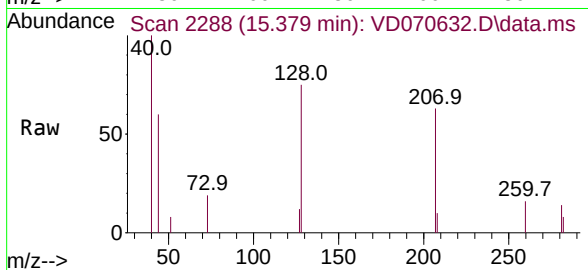
Tgt Ion: 75 Resp: 144593
Ion Ratio Lower Upper
75 100
53 0.3 64.5 96.7#
89 0.0 35.3 52.9#





#95
 Naphthalene
 Concen: 2.713 ug/l
 RT: 15.379 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: VD070632.D
 Acq: 08 Oct 2021 12:02

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	2234
Ion	Ratio	Lower	Upper
128	100		
127	11.0	10.9	16.3
129	2.8	8.6	12.8#

