

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070693.D
 Acq On : 13 Oct 2021 13:04
 Operator : VA/SY
 Sample : VD1013SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 14 04:02:27 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)

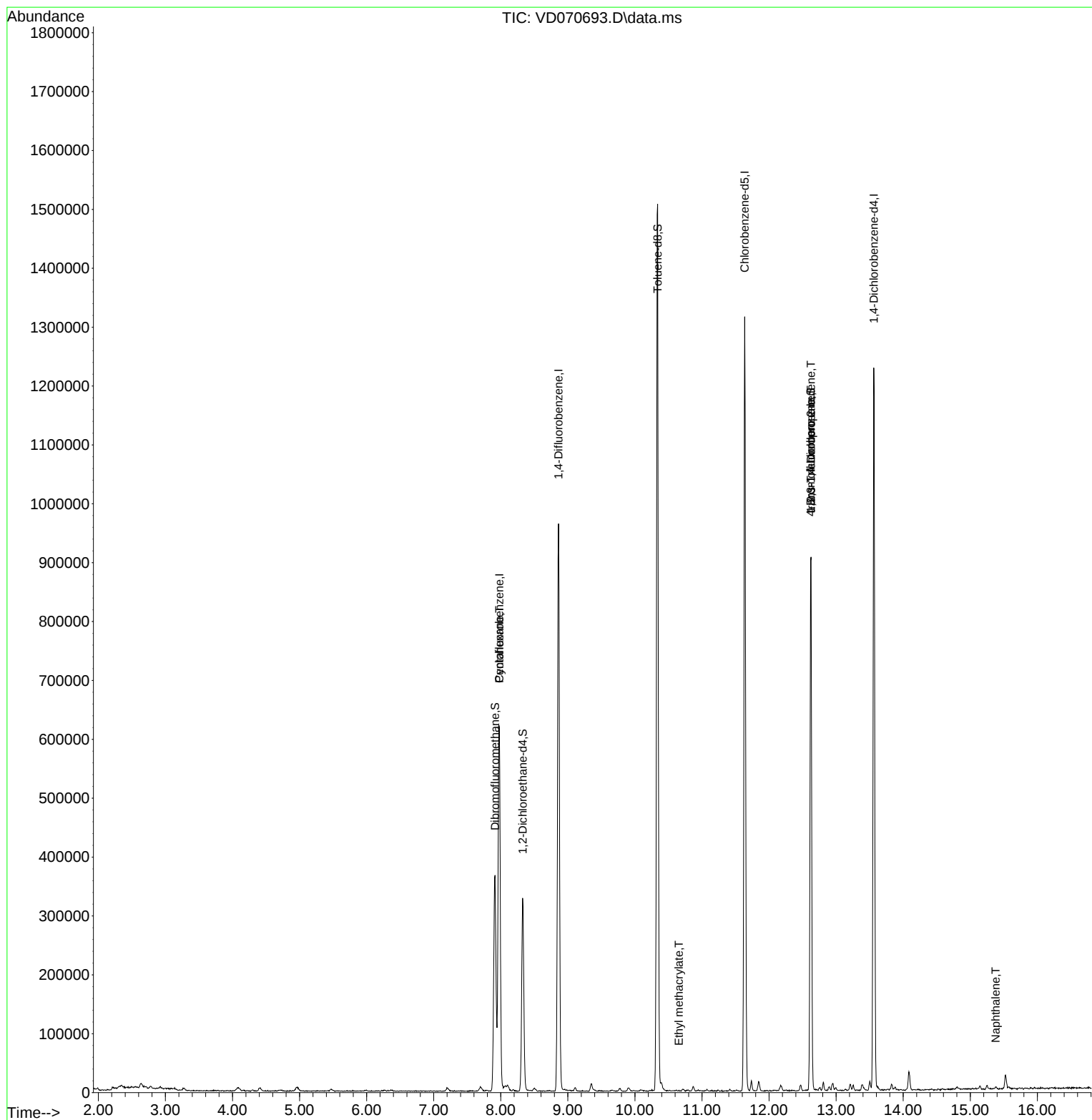
Internal Standards						
1) Pentafluorobenzene	7.979	168	452717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	851086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	791365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	334494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	256999	48.237	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.480%
35) Dibromofluoromethane	7.914	113	274118	48.443	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.337	98	1076254	49.754	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.620	95	331354	45.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.660%
Target Compounds						
5) Bromomethane	2.779	94	3088	Below Cal	Qvalue	98
20) Methylene Chloride	4.967	84	5992	Below Cal	#	81
31) Cyclohexane	7.979	56	12161	1.233	ug/l #	1
56) Ethyl methacrylate	10.655	69	338	1.432	ug/l #	59
59) 2-Hexanone	10.967	43	798	Below Cal	#	20
76) 1,2,3-Trichloropropane	12.626	75	156952	51.841	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	156952	115.097	ug/l #	17
95) Naphthalene	15.378	128	3620	2.814	ug/l #	95

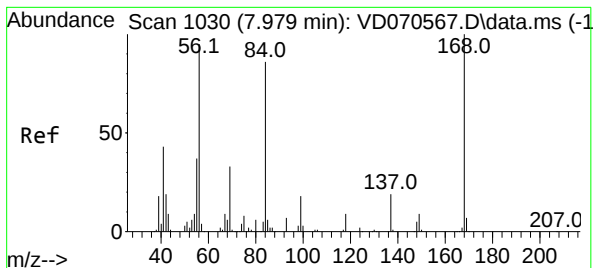
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 14 04:02:27 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: VD070693.D

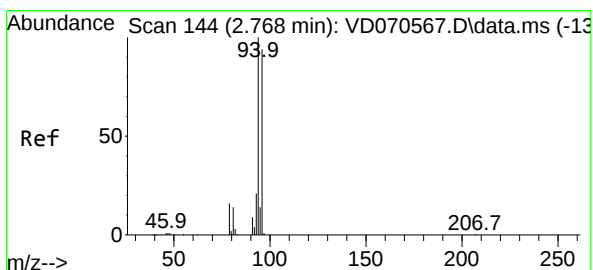
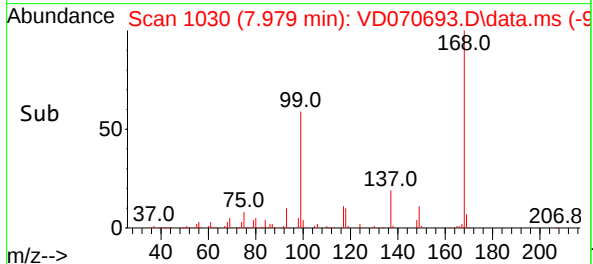
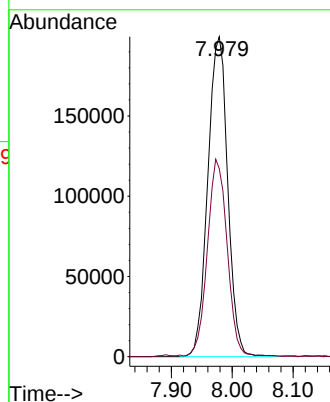
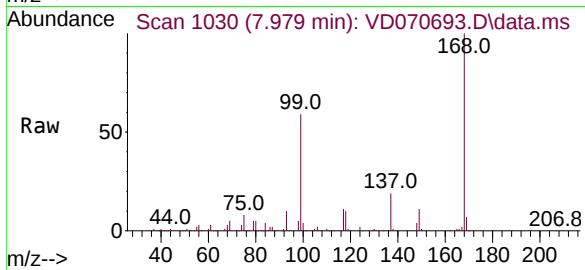
Acq: 13 Oct 2021 13:04

Tgt Ion:168 Resp: 452717

Ion Ratio Lower Upper

168 100

99 58.6 51.4 77.0



#5

Bromomethane

Concen: Below Cal

RT: 2.779 min Scan# 146

Delta R.T. 0.011 min

Lab File: VD070693.D

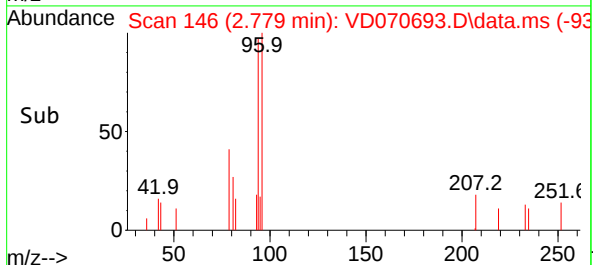
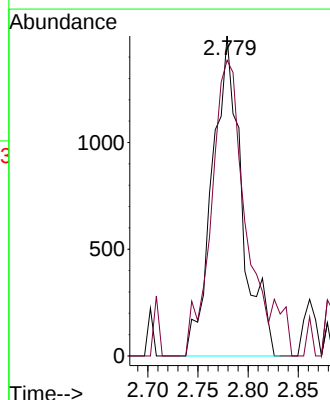
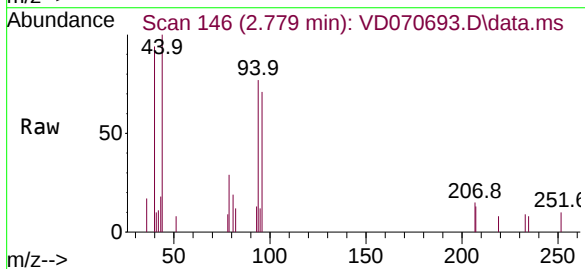
Acq: 13 Oct 2021 13:04

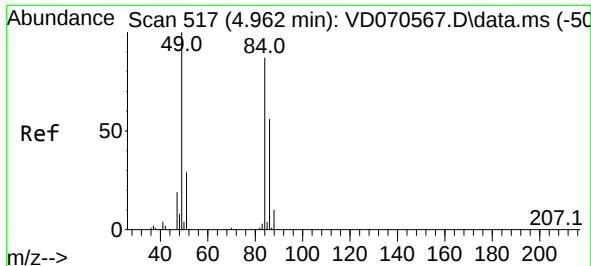
Tgt Ion: 94 Resp: 3088

Ion Ratio Lower Upper

94 100

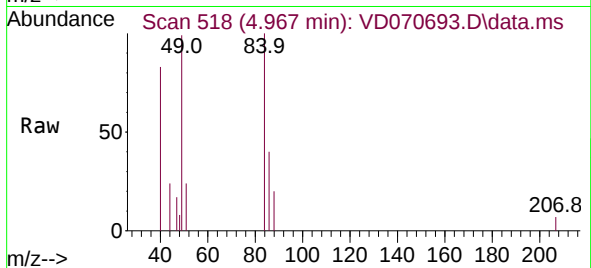
96 92.4 75.5 113.3



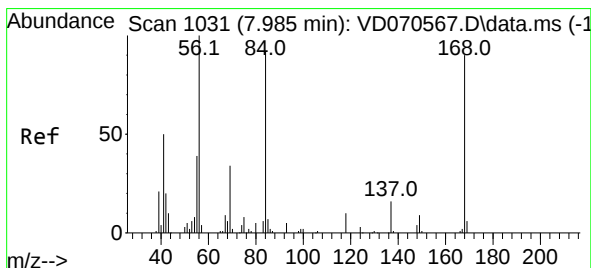
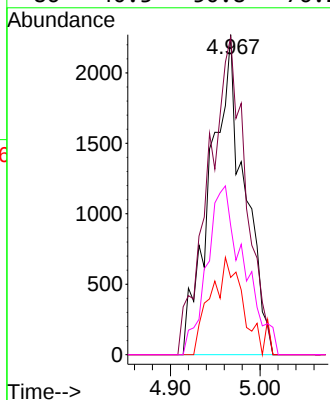
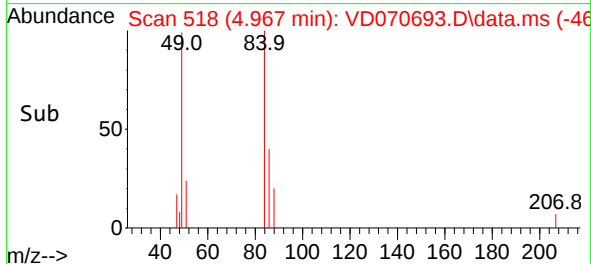


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

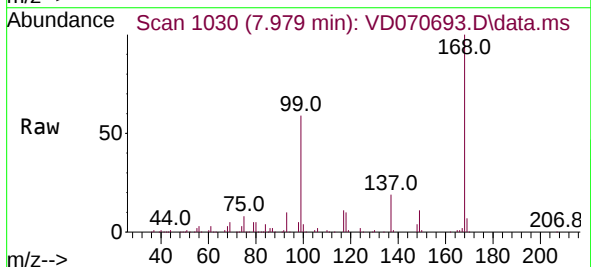
Instrument :
MSVOA_D
ClientSampleId :



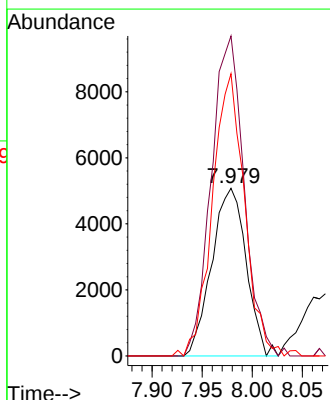
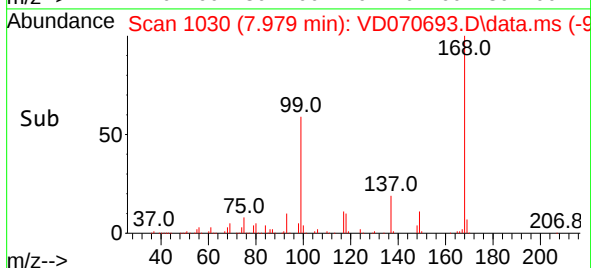
Tgt Ion:	84	Resp:	5992
Ion	Ratio	Lower	Upper
84	100		
49	99.2	91.4	137.2
51	24.2	26.7	40.1#
86	40.3	50.8	76.2#

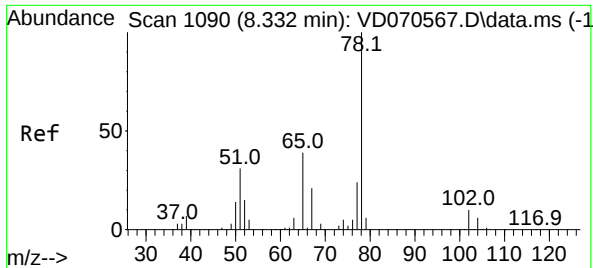


#31
Cyclohexane
Concen: 1.233 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04



Tgt Ion:	56	Resp:	12161
Ion	Ratio	Lower	Upper
56	100		
69	190.8	27.4	41.2#
84	165.0	73.6	110.4#

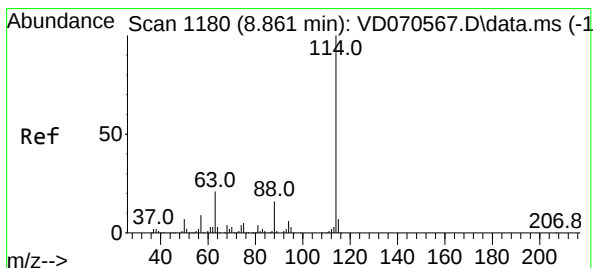
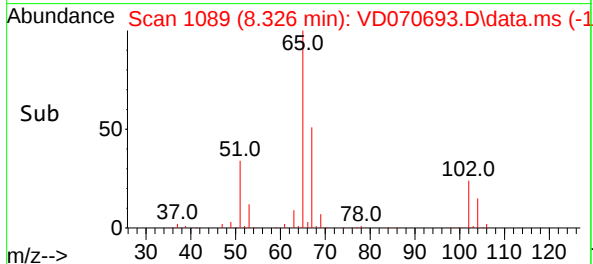
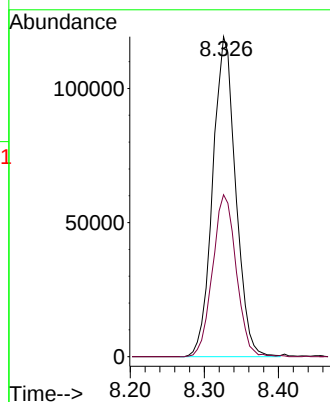
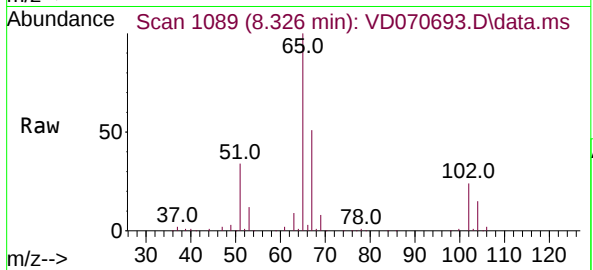




#33
1,2-Dichloroethane-d4
Concen: 48.237 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

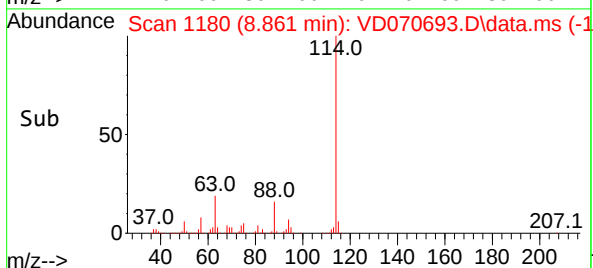
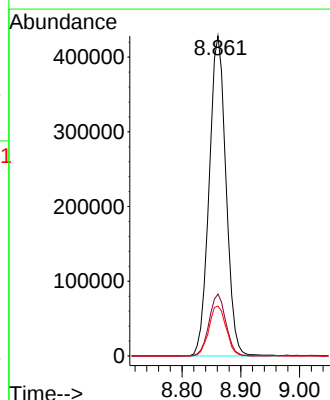
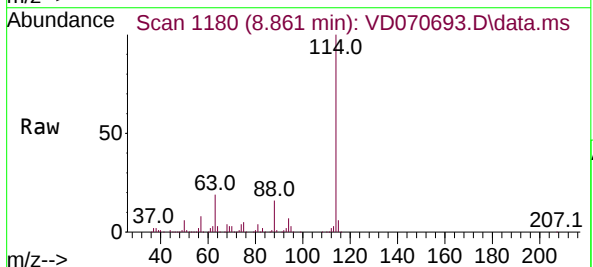
Instrument :
MSVOA_D
ClientSampled :

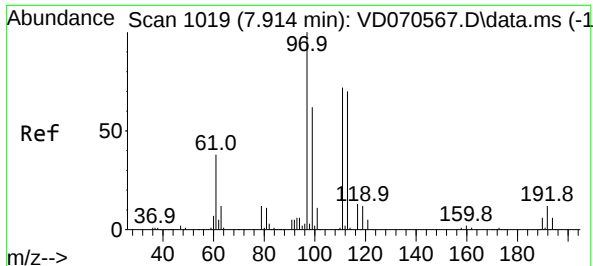
Tgt Ion: 65 Resp: 256999
Ion Ratio Lower Upper
65 100
67 52.1 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

Tgt Ion: 114 Resp: 851086
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.8
88 15.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.443 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070693.D

Acq: 13 Oct 2021 13:04

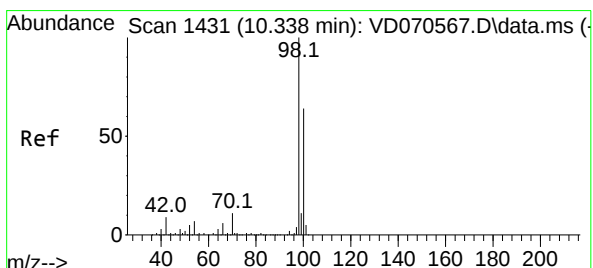
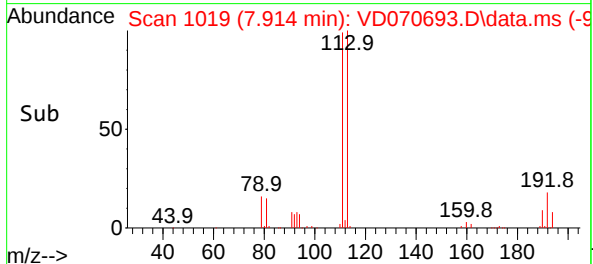
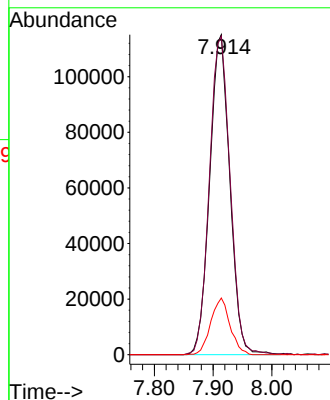
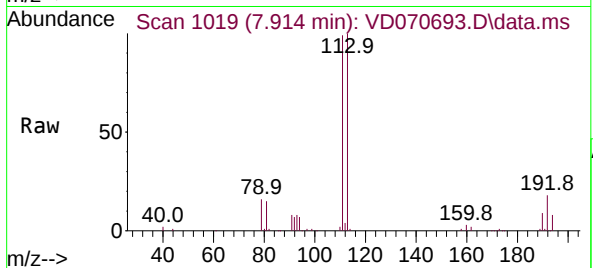
Tgt Ion:113 Resp: 274118

Ion Ratio Lower Upper

113 100

111 102.4 83.1 124.7

192 17.0 12.7 19.1



#50

Toluene-d8

Concen: 49.754 ug/l

RT: 10.337 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070693.D

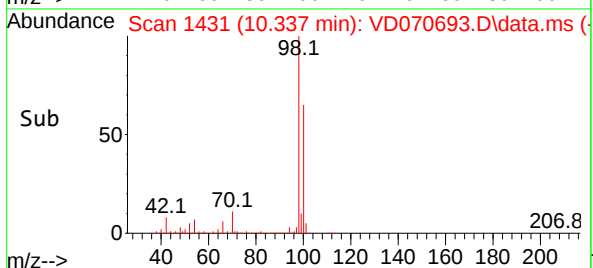
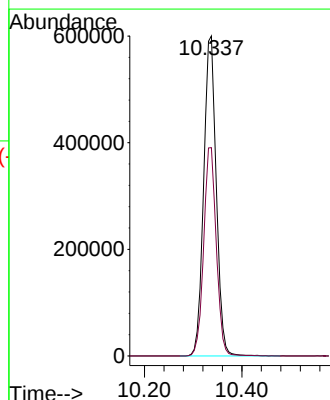
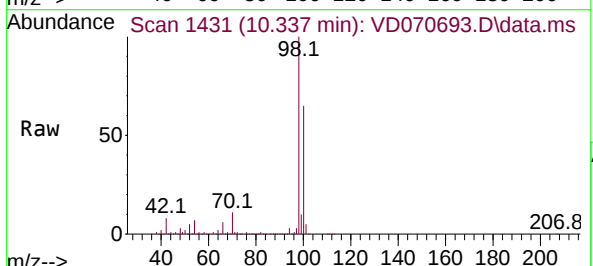
Acq: 13 Oct 2021 13:04

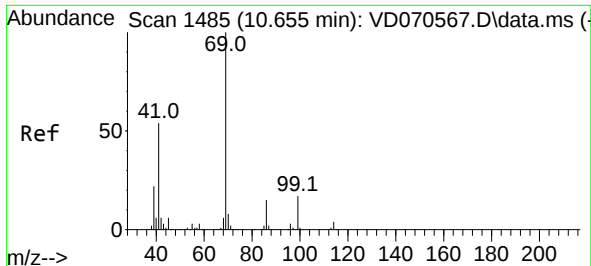
Tgt Ion: 98 Resp: 1076254

Ion Ratio Lower Upper

98 100

100 65.4 52.2 78.4

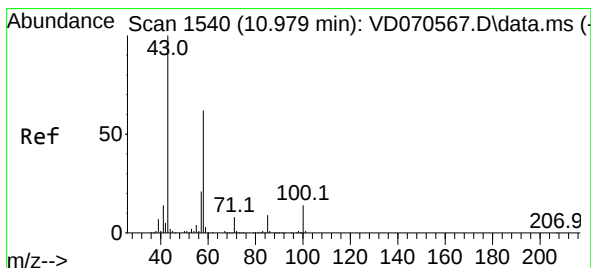
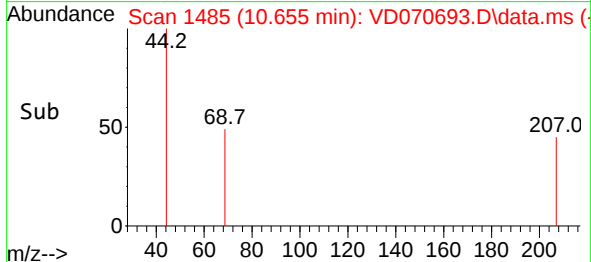
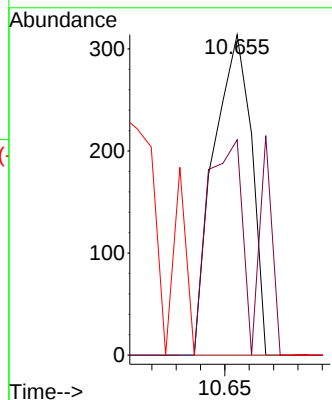
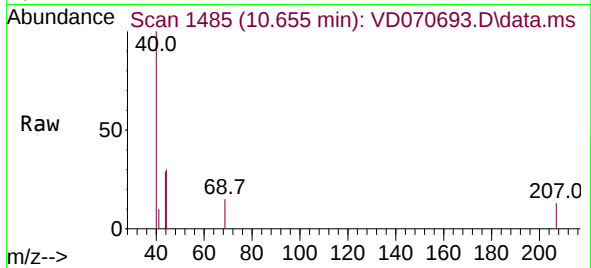




#56
Ethyl methacrylate
Concen: 1.432 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

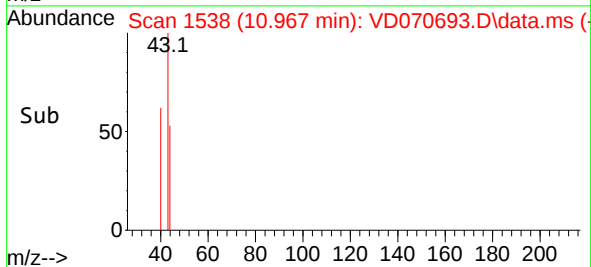
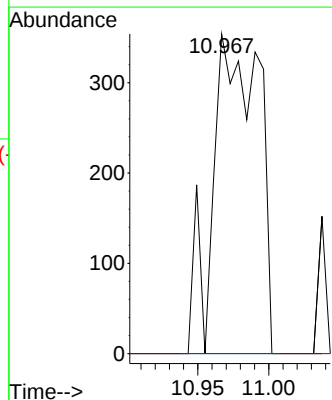
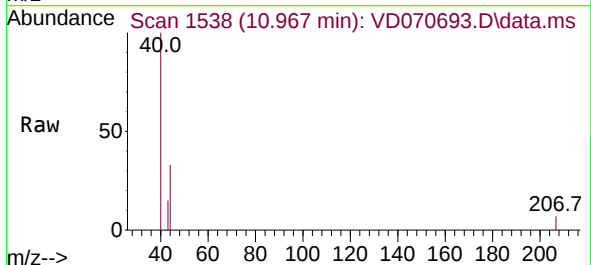
Instrument :
MSVOA_D
ClientSampleId :

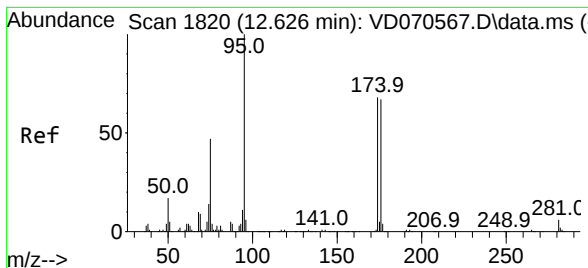
Tgt Ion: 69 Resp: 338
Ion Ratio Lower Upper
69 100
41 83.1 44.7 67.1#
39 0.0 19.5 29.3#



#59
2-Hexanone
Concen: Below Cal
RT: 10.967 min Scan# 1538
Delta R.T. -0.012 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

Tgt Ion: 43 Resp: 798
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#

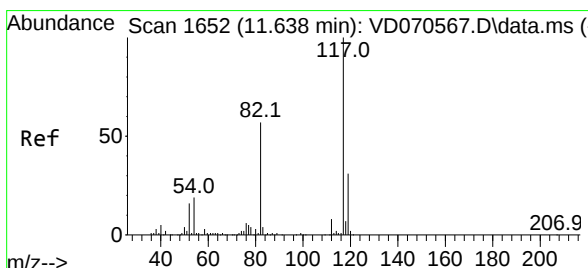
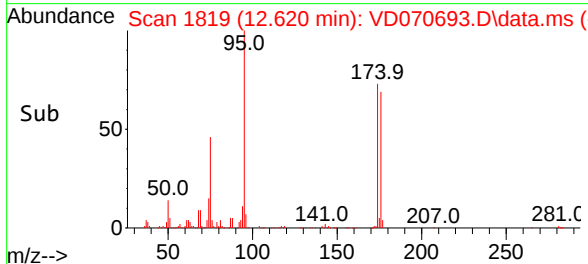
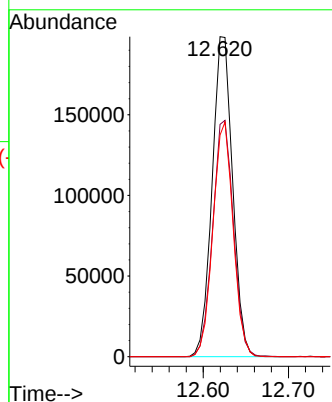
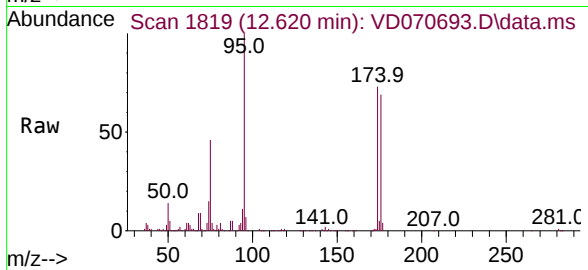




#62
4-Bromofluorobenzene
Concen: 45.831 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

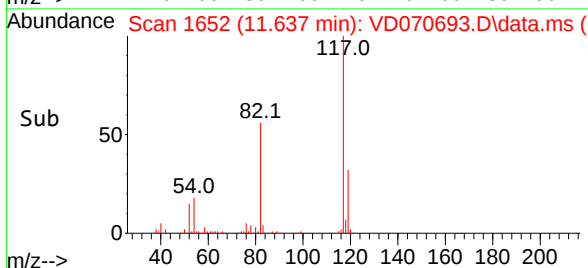
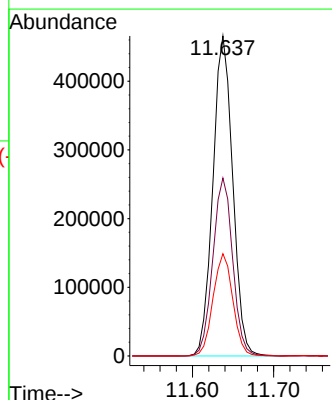
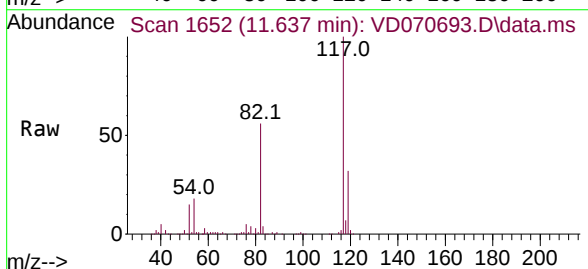
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MSVOA_D
ClientSampleId :

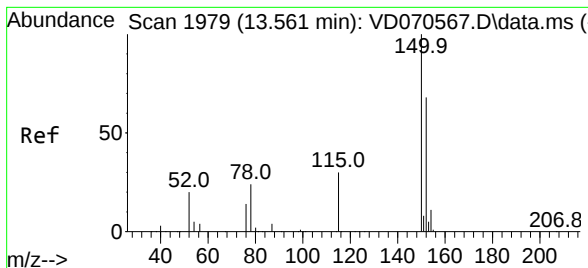
Tgt Ion: 95 Resp: 331354
Ion Ratio Lower Upper
95 100
174 75.0 0.0 138.0
176 72.1 0.0 135.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

Tgt Ion: 117 Resp: 791365
Ion Ratio Lower Upper
117 100
82 55.6 45.4 68.2
119 32.0 24.7 37.1

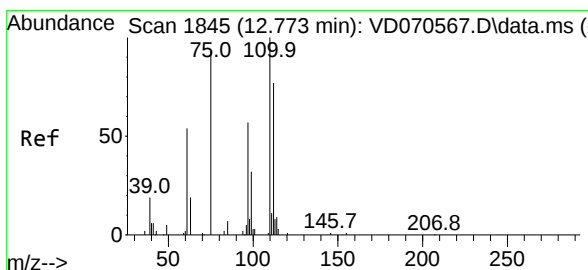
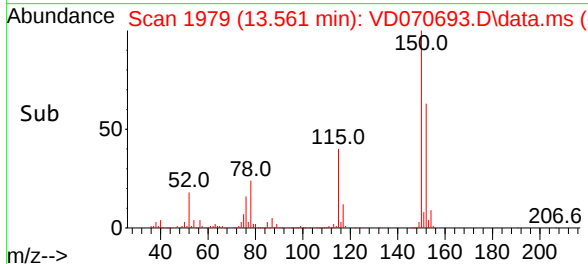
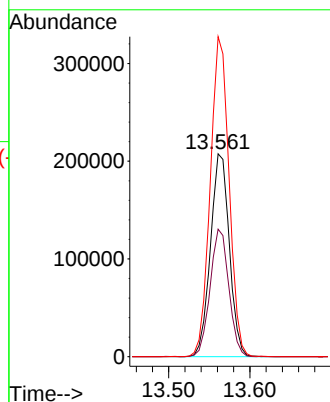
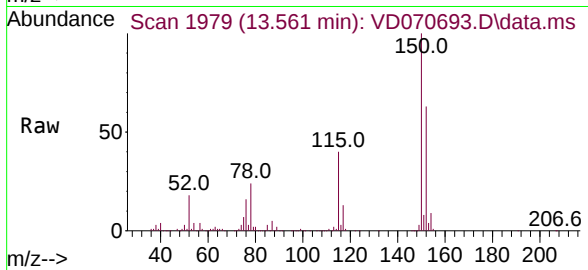




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

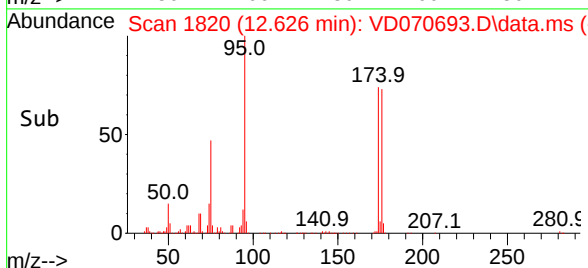
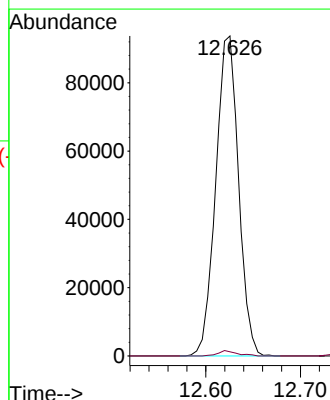
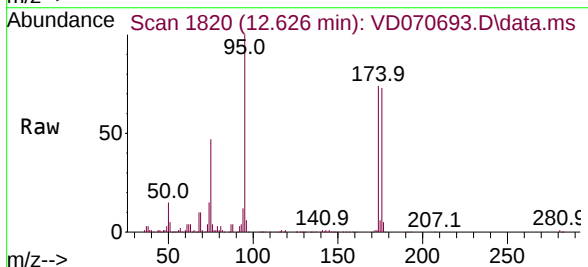
Instrument :
MSVOA_D
ClientSampleId :

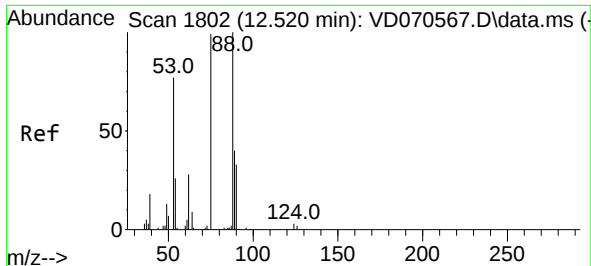
Tgt Ion:152 Resp: 334494
Ion Ratio Lower Upper
152 100
115 62.3 31.9 95.7
150 157.1 0.0 350.0



#76
1,2,3-Trichloropropane
Concen: 51.841 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

Tgt Ion: 75 Resp: 156952
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

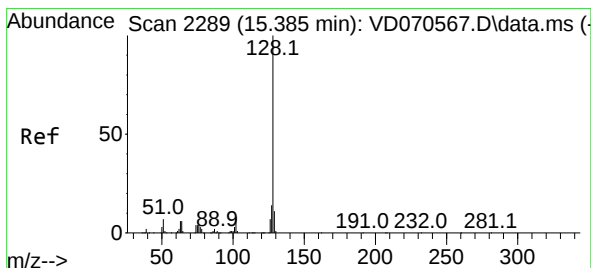
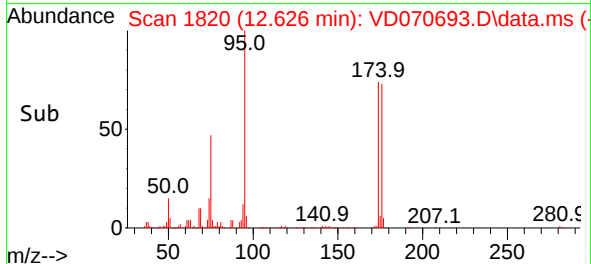
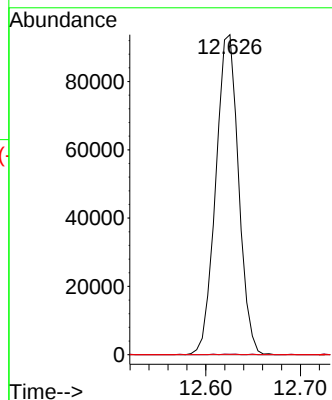
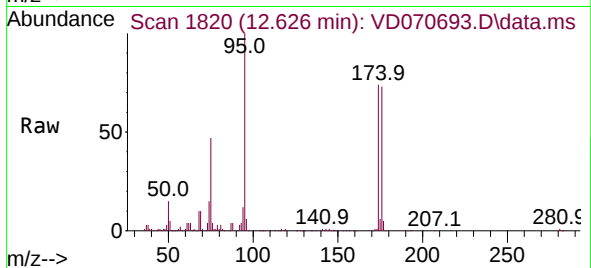




#81
trans-1,4-Dichloro-2-butene
Concen: 115.097 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 156952
Ion Ratio Lower Upper
75 100
53 0.2 64.5 96.7#
89 0.0 35.3 52.9#



#95
Naphthalene
Concen: 2.814 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.007 min
Lab File: VD070693.D
Acq: 13 Oct 2021 13:04

Tgt Ion: 128 Resp: 3620
Ion Ratio Lower Upper
128 100
127 16.7 10.9 16.3#
129 10.0 8.6 12.8

