

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
 Data File : VD070641.D
 Acq On : 08 Oct 2021 16:18
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 11 02:23:56 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)

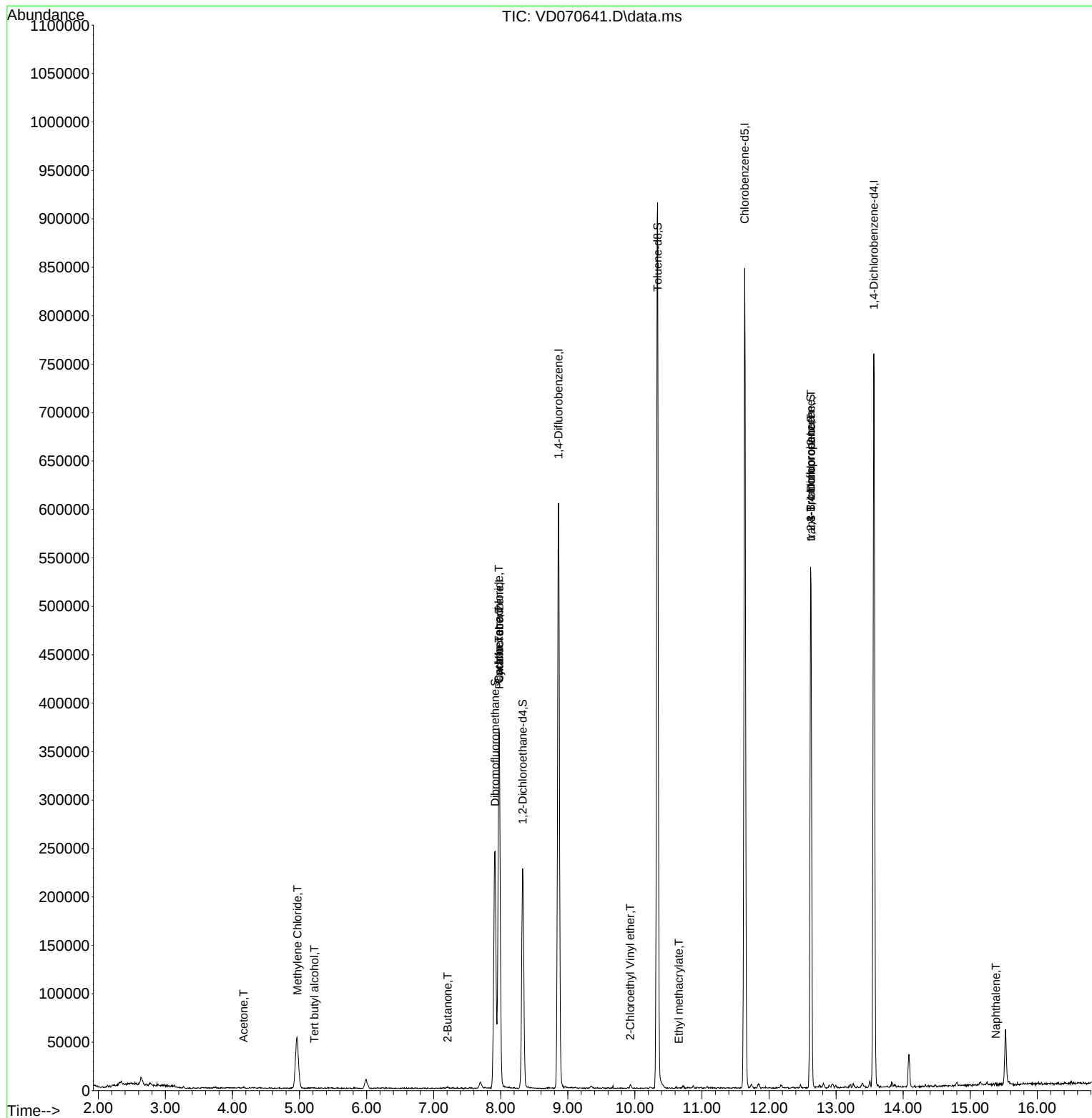
Internal Standards						
1) Pentafluorobenzene	7.979	168	265401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	527610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	504353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	204966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178256	57.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.140%	
35) Dibromofluoromethane	7.914	113	182285	51.965	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.920%	
50) Toluene-d8	10.338	98	638322	47.600	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.200%	
62) 4-Bromofluorobenzene	12.620	95	192829	43.023	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.040%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.768	94	439	Below Cal	#	39
11) Tert butyl alcohol	5.220	59	196	1.267	ug/l #	83
16) Acetone	4.168	43	1416	2.670	ug/l #	79
20) Methylene Chloride	4.967	84	44147	4.333	ug/l	93
25) 2-Butanone	7.209	43	771	1.110	ug/l #	43
31) Cyclohexane	7.973	56	6474	1.119	ug/l #	13
38) Carbon Tetrachloride	7.973	117	30055	5.125	ug/l #	17
56) Ethyl methacrylate	10.655	69	453	1.499	ug/l #	32
58) 2-Chloroethyl Vinyl ether	9.932	63	1638	1.154	ug/l #	84
59) 2-Hexanone	10.973	43	732	Below Cal		84
76) 1,2,3-Trichloropropane	12.626	75	94801	51.101	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	94801	113.453	ug/l #	17
95) Naphthalene	15.385	128	2028	2.786	ug/l #	74

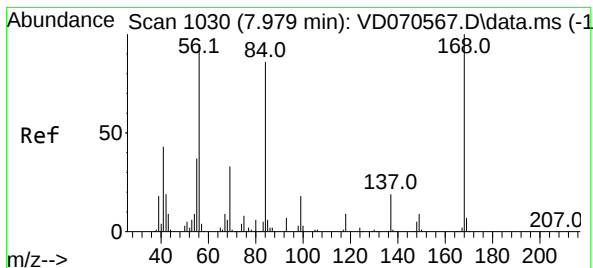
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100821\
Data File : VD070641.D
Acq On : 08 Oct 2021 16:18
Operator : VA/SY
Sample : VIBLK
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 11 02:23:56 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

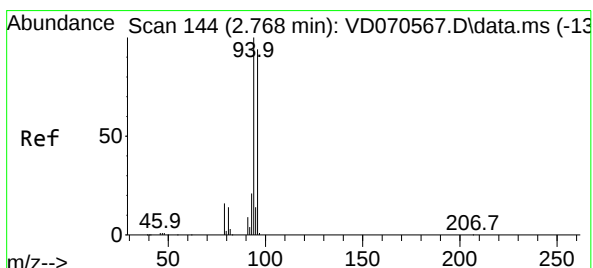
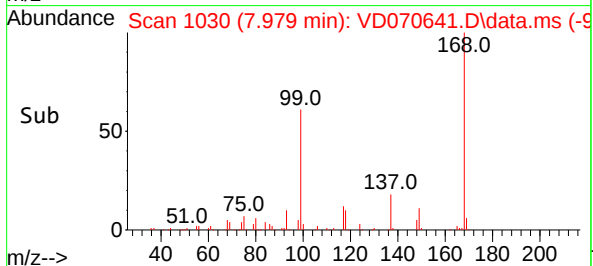
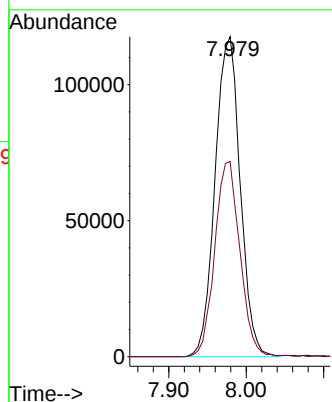
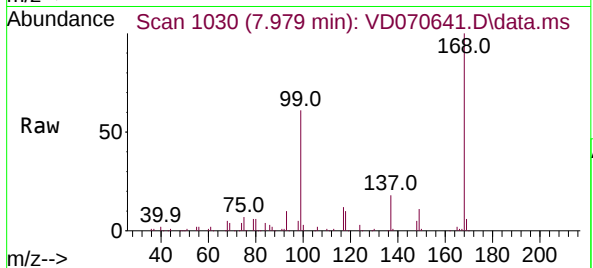




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

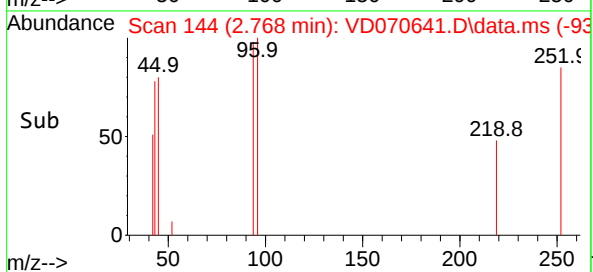
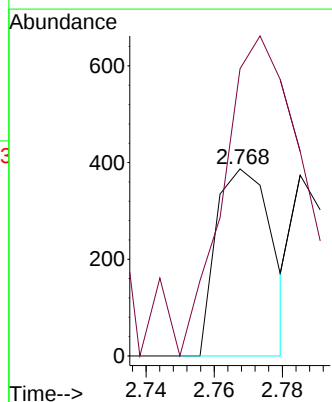
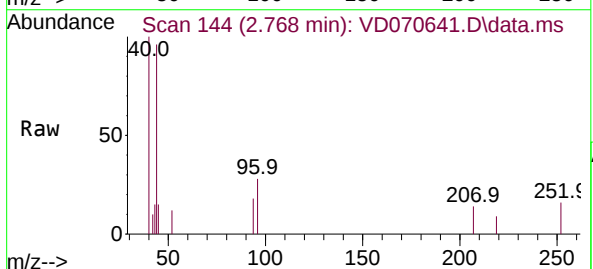
Instrument :
MSVOA_D
ClientSampled :

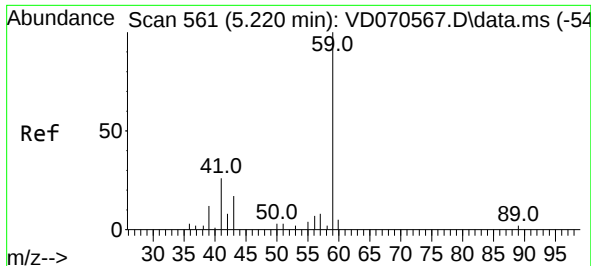
Tgt Ion:168 Resp: 265401
Ion Ratio Lower Upper
168 100
99 61.0 51.4 77.0



#5
Bromomethane
Concen: Below Cal
RT: 2.768 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Tgt Ion: 94 Resp: 439
Ion Ratio Lower Upper
94 100
96 153.5 75.5 113.3#

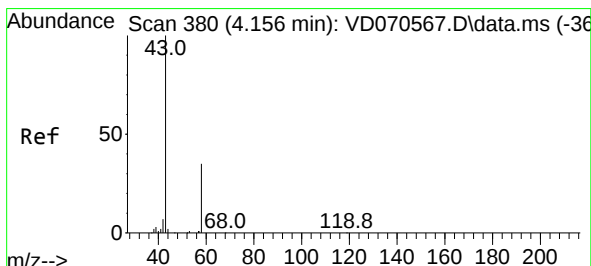
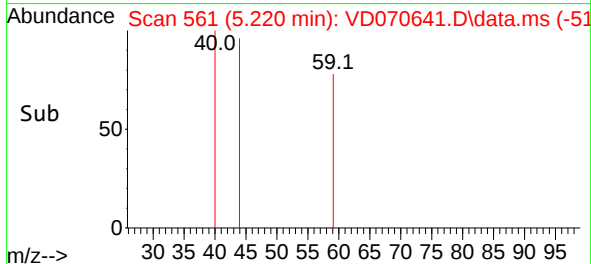
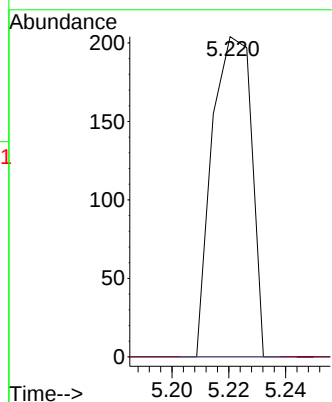
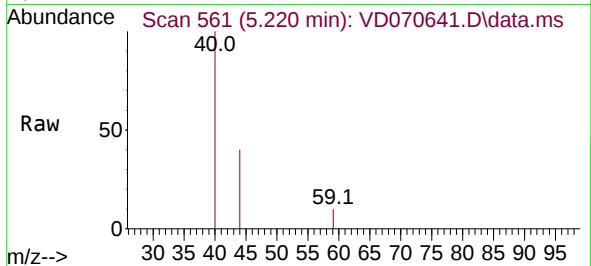




#11
Tert butyl alcohol
Concen: 1.267 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

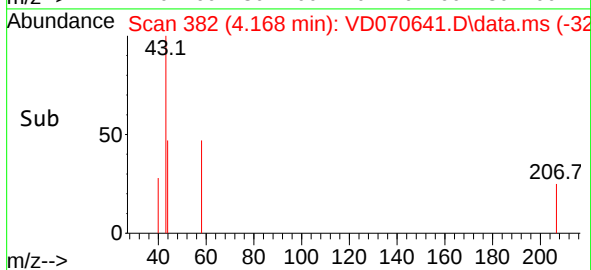
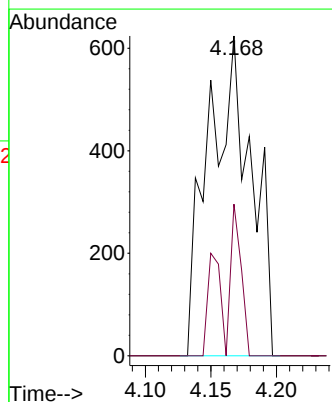
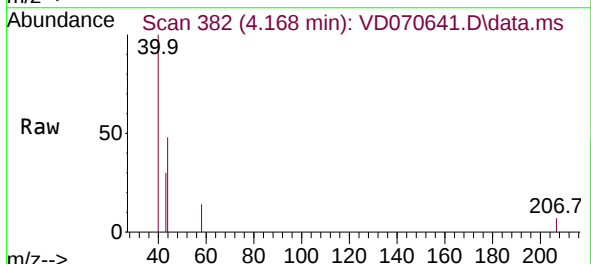
Instrument :
MSVOA_D
ClientSampled :

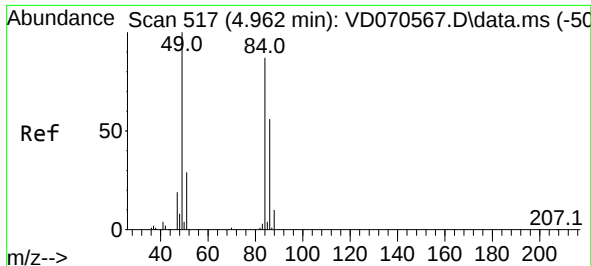
Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 4.5 6.7#



#16
Acetone
Concen: 2.670 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

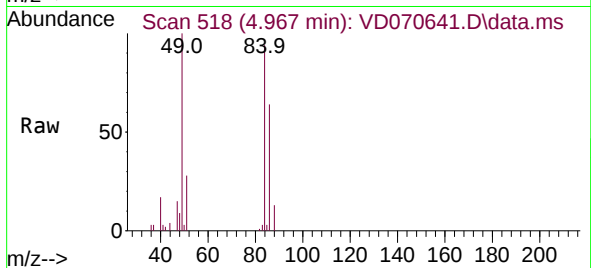
Tgt Ion: 43 Resp: 1416
Ion Ratio Lower Upper
43 100
58 47.4 28.2 42.2#



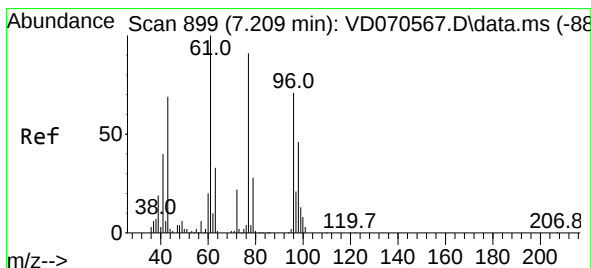
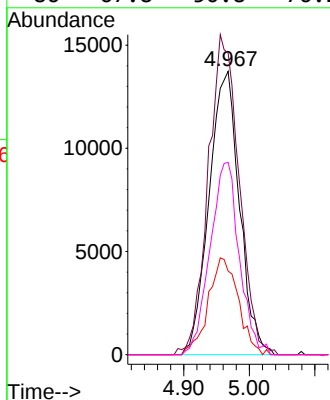
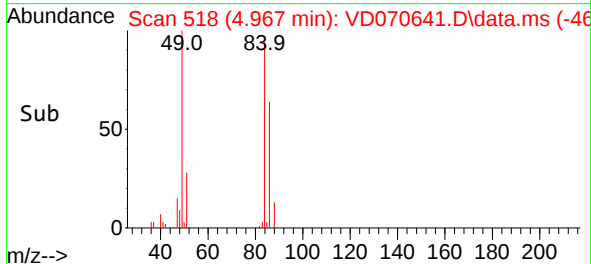


#20
Methylene Chloride
Concen: 4.333 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

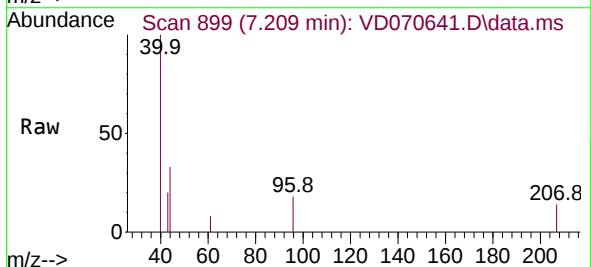
Instrument :
MSVOA_D
ClientSampleId :



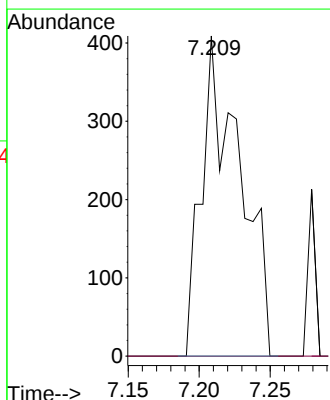
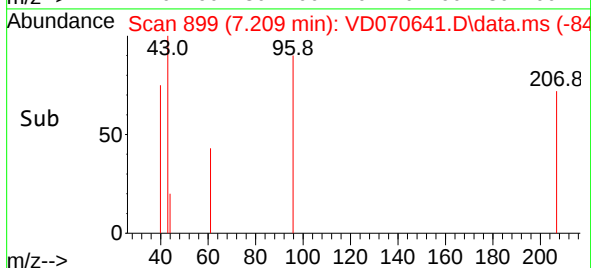
Tgt Ion:	84	Resp:	44147
Ion	Ratio	Lower	Upper
84	100		
49	106.5	91.4	137.2
51	29.5	26.7	40.1
86	67.8	50.8	76.2

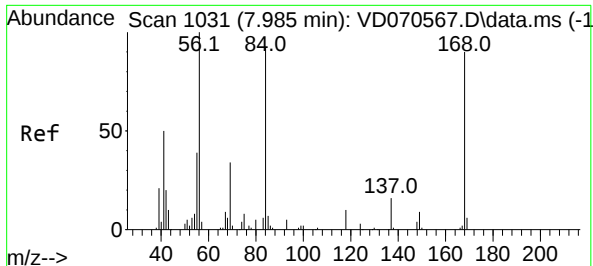


#25
2-Butanone
Concen: 1.110 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18



Tgt Ion:	43	Resp:	771
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.2	37.8#





#31

Cyclohexane

Concen: 1.119 ug/l

RT: 7.973 min Scan# 1029

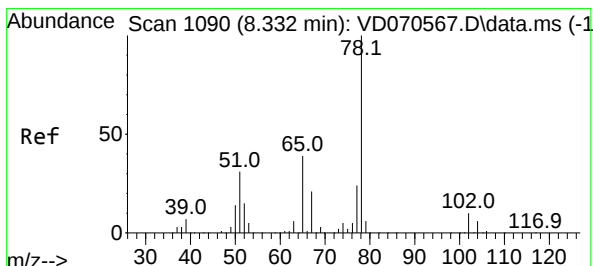
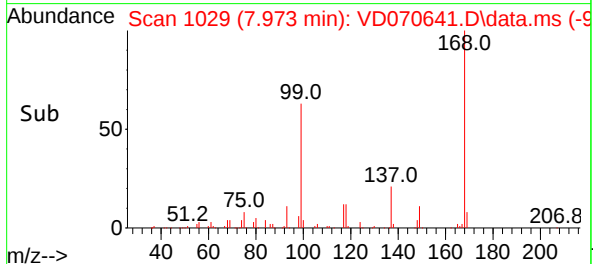
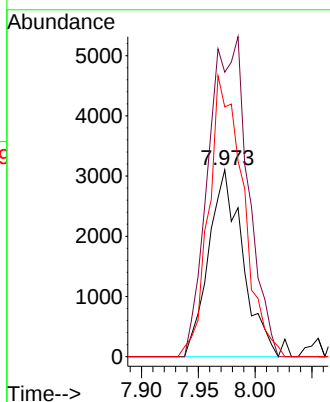
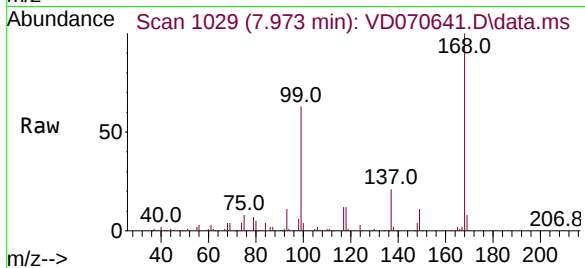
Delta R.T. -0.012 min

Lab File: VD070641.D

Acq: 08 Oct 2021 16:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	56	Resp:	6474
Ion	Ratio	Lower	Upper
56	100		
69	152.2	27.4	41.2#
84	133.6	73.6	110.4#



#33

1,2-Dichloroethane-d4

Concen: 57.071 ug/l

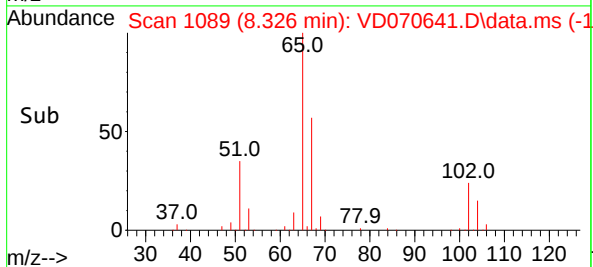
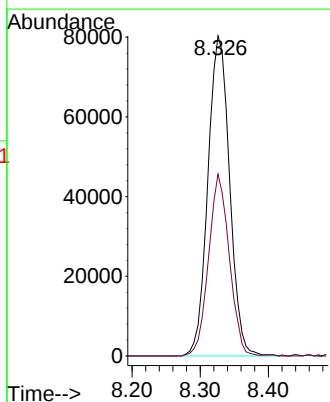
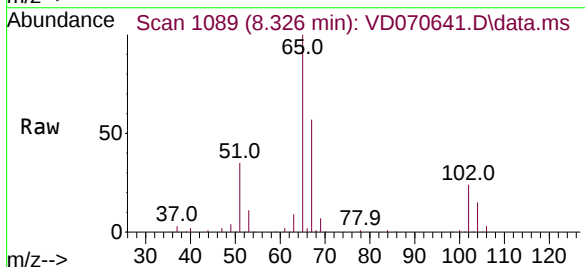
RT: 8.326 min Scan# 1089

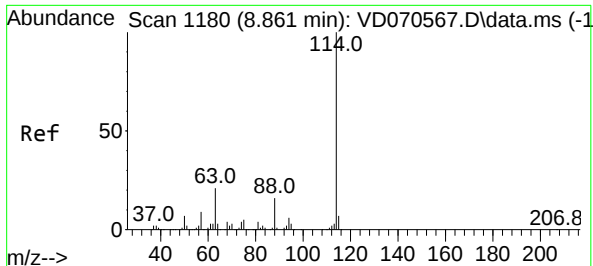
Delta R.T. -0.006 min

Lab File: VD070641.D

Acq: 08 Oct 2021 16:18

Tgt Ion:	65	Resp:	178256
Ion	Ratio	Lower	Upper
65	100		
67	54.2	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: VD070641.D

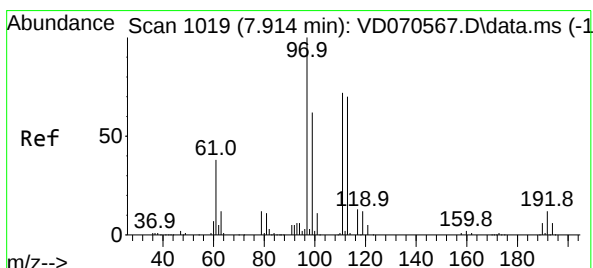
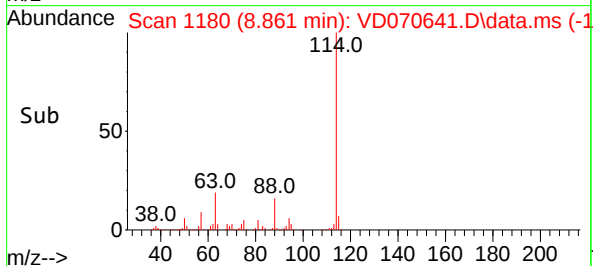
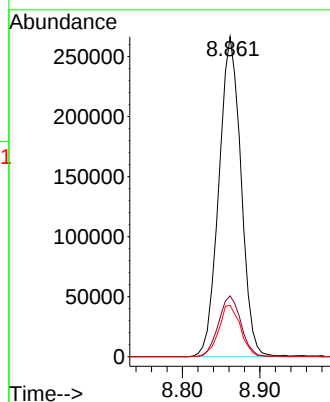
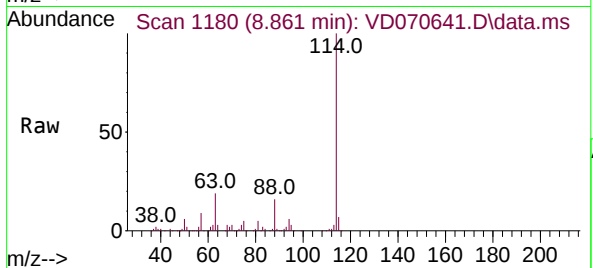
Acq: 08 Oct 2021 16:18

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:114	Resp: 527610
Ion Ratio	Lower Upper
114 100	
63 19.0	0.0 41.8
88 16.0	0.0 32.6



#35

Dibromofluoromethane

Concen: 51.965 ug/l

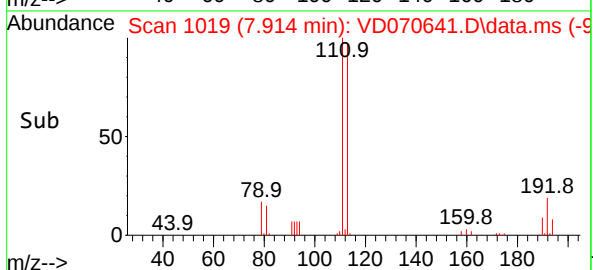
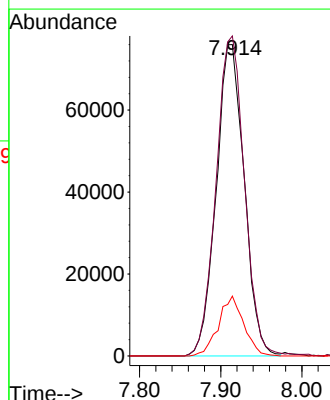
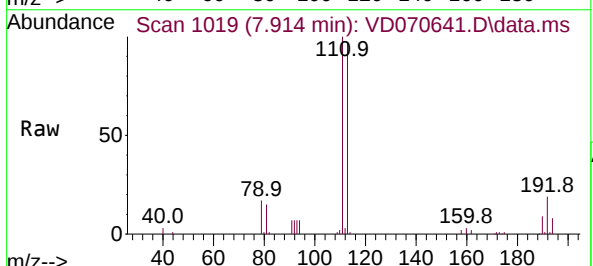
RT: 7.914 min Scan# 1019

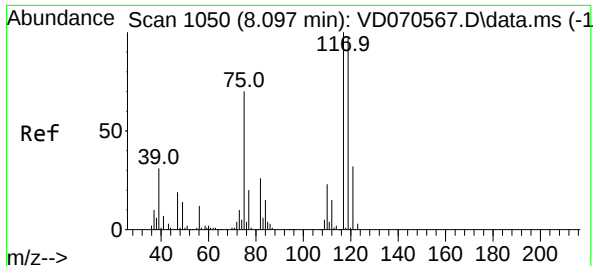
Delta R.T. 0.000 min

Lab File: VD070641.D

Acq: 08 Oct 2021 16:18

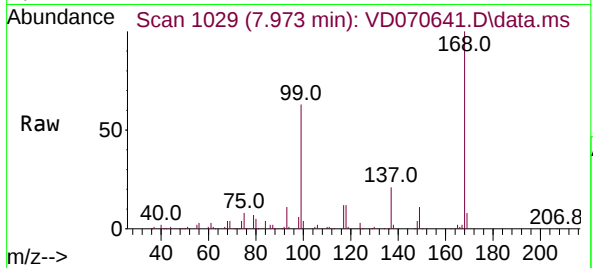
Tgt Ion:113	Resp: 182285
Ion Ratio	Lower Upper
113 100	
111 104.4	83.1 124.7
192 17.4	12.7 19.1



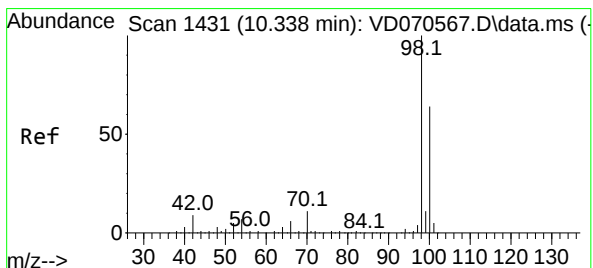
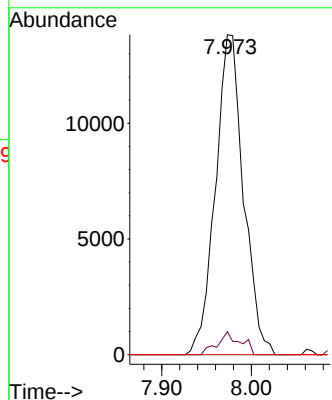
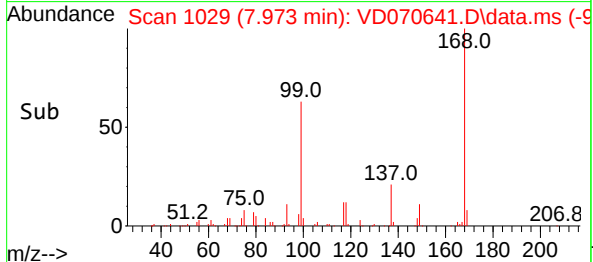


#38
Carbon Tetrachloride
Concen: 5.125 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

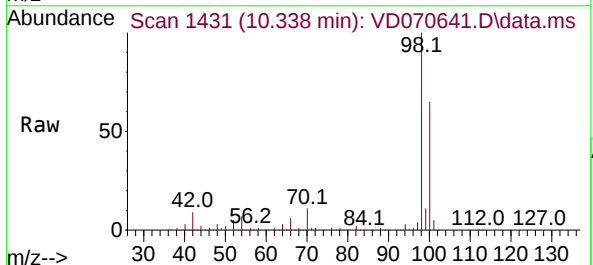
Instrument :
MSVOA_D
ClientSampleId :



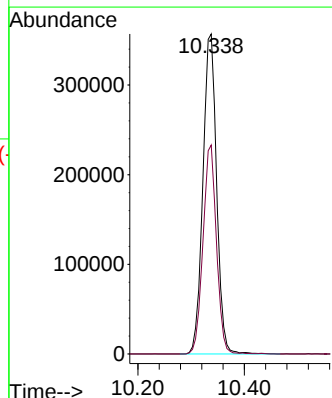
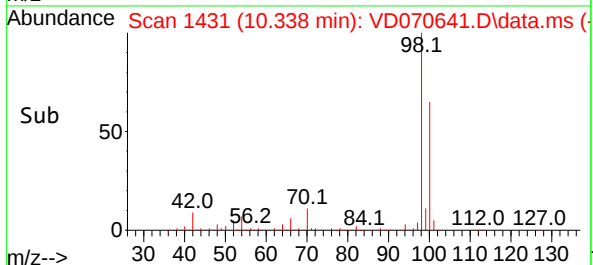
Tgt Ion:117 Resp: 30055
Ion Ratio Lower Upper
117 100
119 7.2 77.4 116.0#
121 0.0 25.4 38.0#

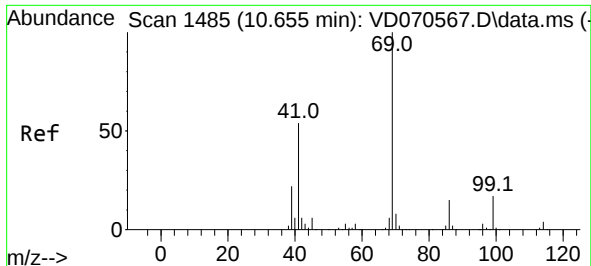


#50
Toluene-d8
Concen: 47.600 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18



Tgt Ion: 98 Resp: 638322
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4

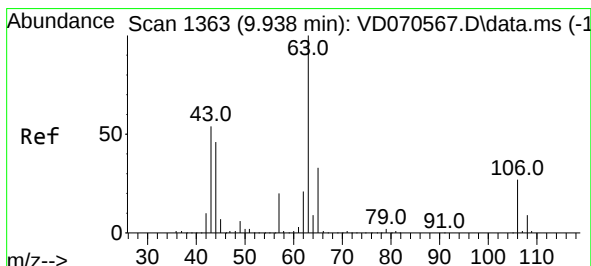
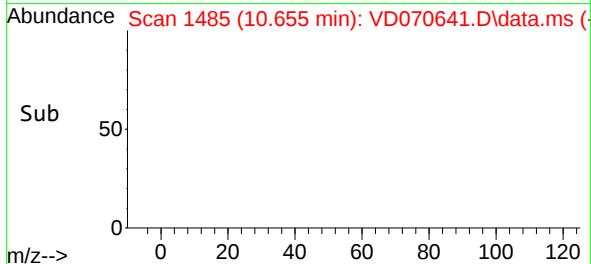
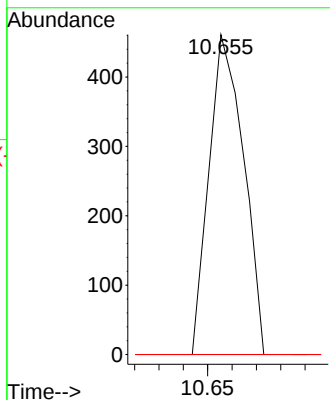
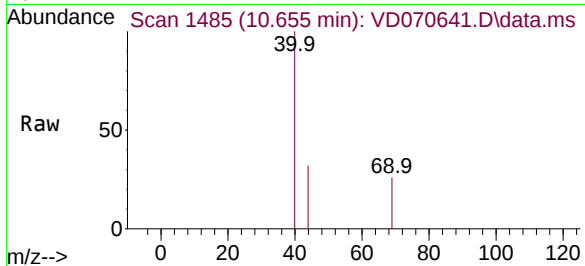




#56
Ethyl methacrylate
Concen: 1.499 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

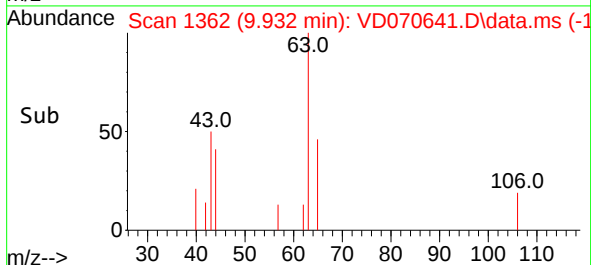
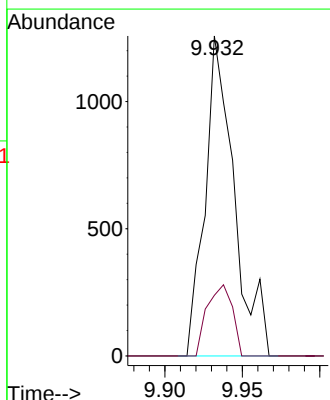
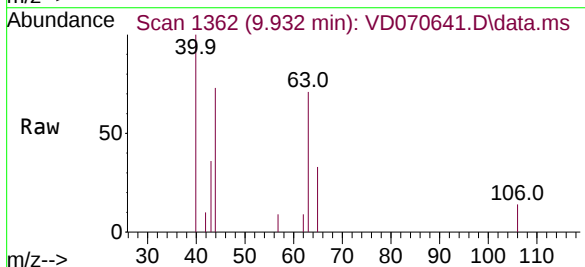
Instrument :
MSVOA_D
ClientSampled :

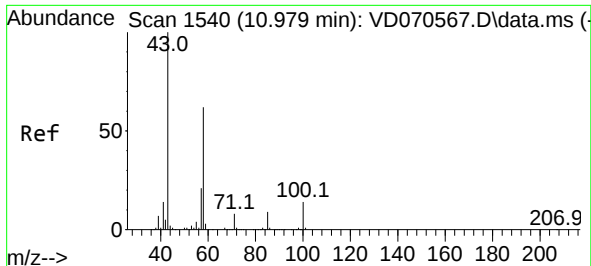
Tgt Ion: 69 Resp: 453
Ion Ratio Lower Upper
69 100
41 0.0 44.7 67.1#
39 0.0 19.5 29.3#



#58
2-Chloroethyl Vinyl ether
Concen: 1.154 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Tgt Ion: 63 Resp: 1638
Ion Ratio Lower Upper
63 100
106 19.3 22.3 33.5#

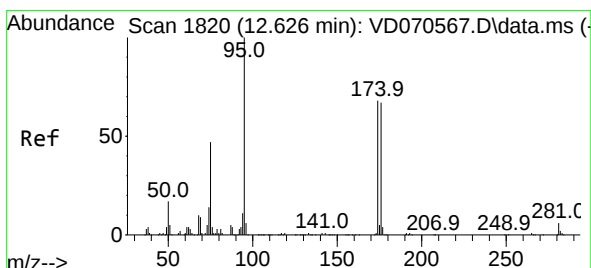
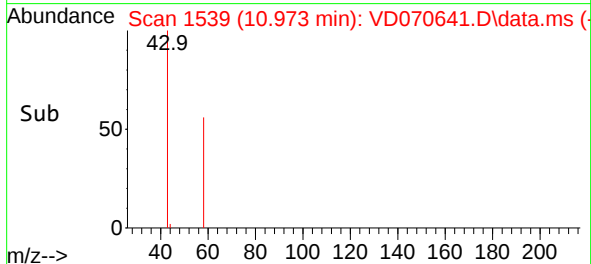
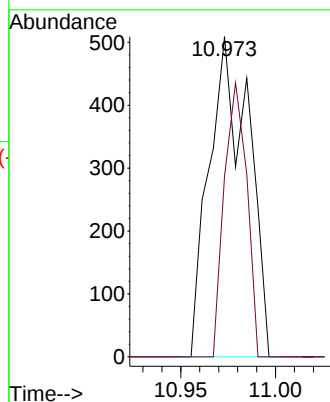
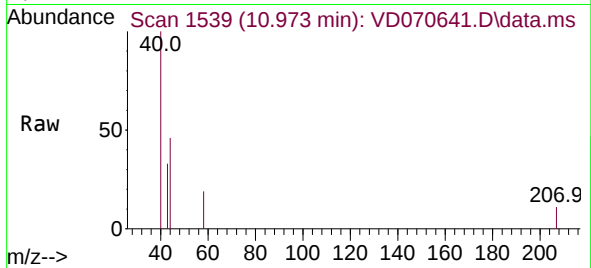




#59
2-Hexanone
Concen: Below Cal
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

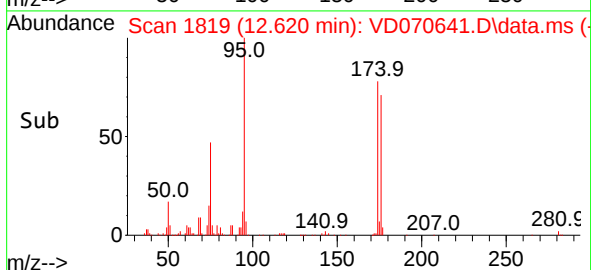
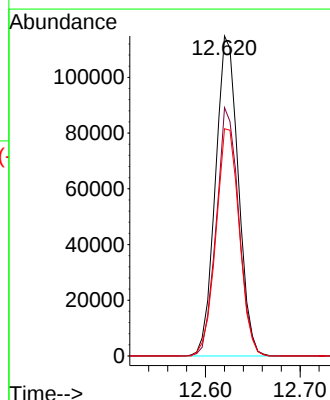
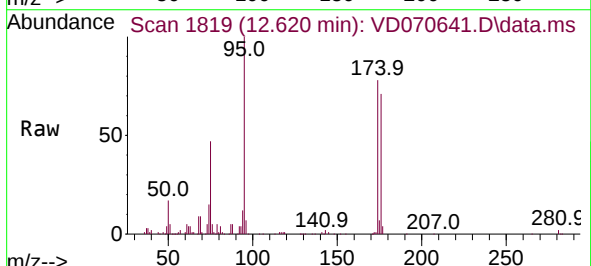
Instrument :
MSVOA_D
ClientSampled :

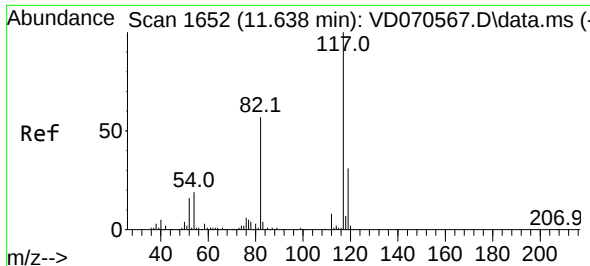
Tgt Ion: 43 Resp: 732
Ion Ratio Lower Upper
43 100
58 48.9 30.4 91.3



#62
4-Bromofluorobenzene
Concen: 43.023 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Tgt Ion: 95 Resp: 192829
Ion Ratio Lower Upper
95 100
174 76.4 0.0 138.0
176 72.4 0.0 135.6

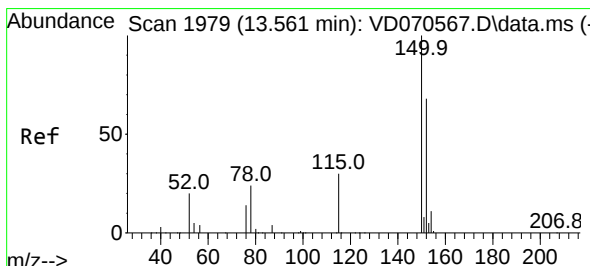
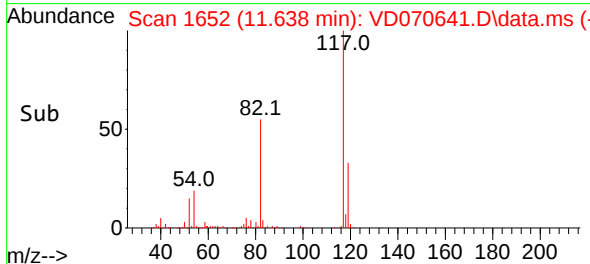
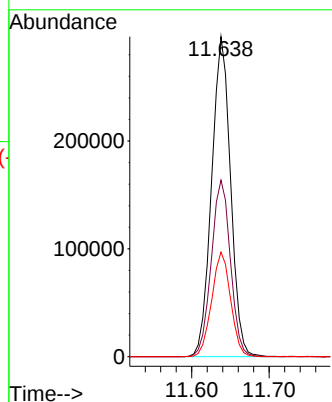
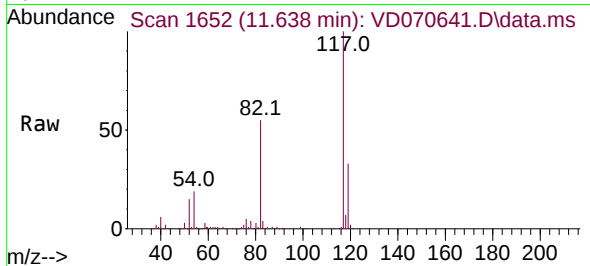




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

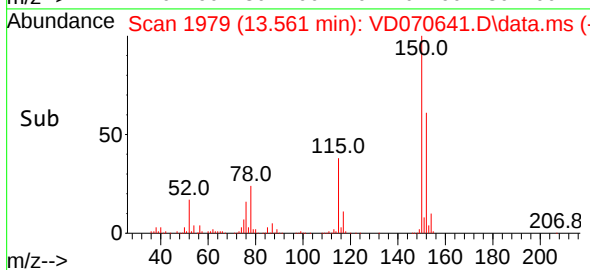
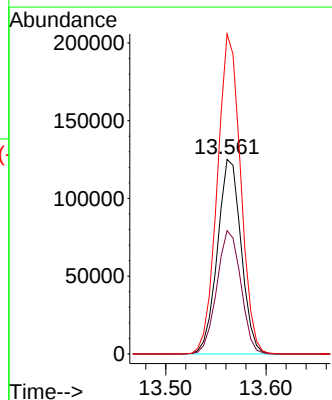
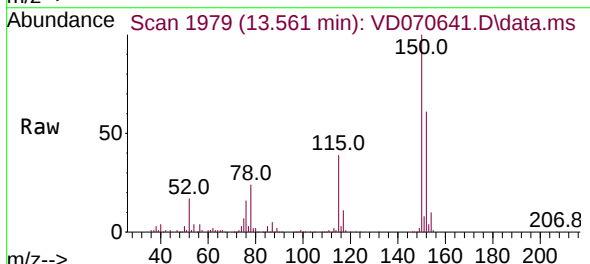
Instrument :
MSVOA_D
ClientSampleId :

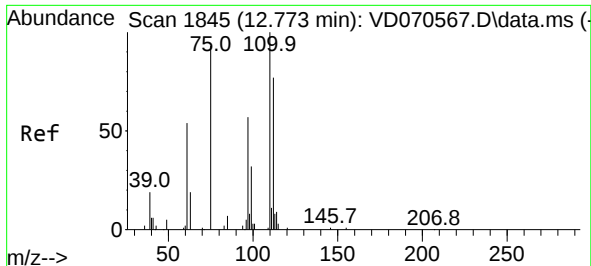
Tgt Ion:117 Resp: 504353
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 32.7 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Tgt Ion:152 Resp: 204966
Ion Ratio Lower Upper
152 100
115 64.2 31.9 95.7
150 161.7 0.0 350.0

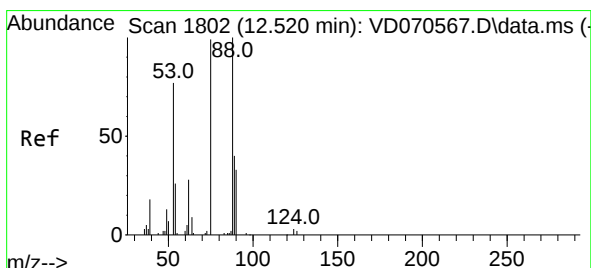
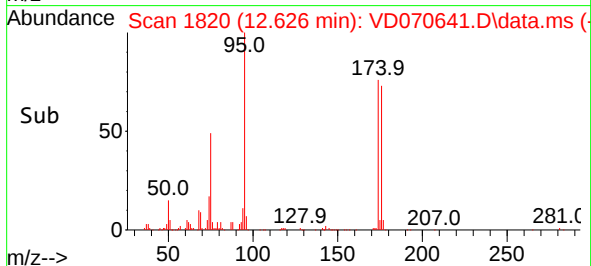
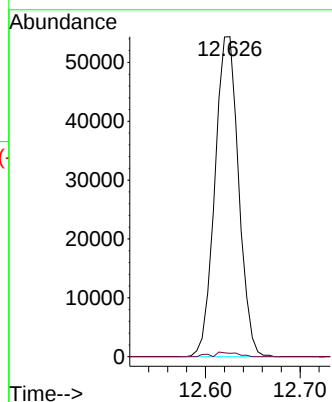
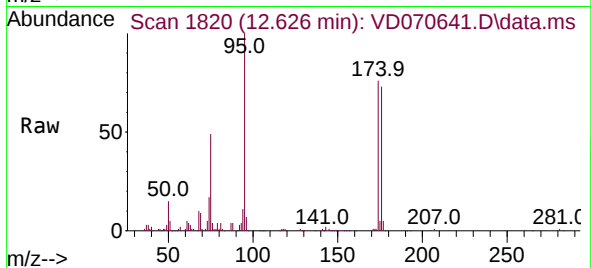




#76
1,2,3-Trichloropropane
Concen: 51.101 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

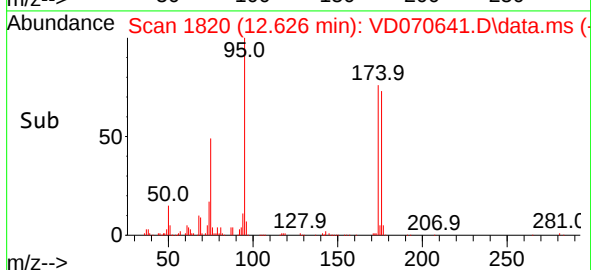
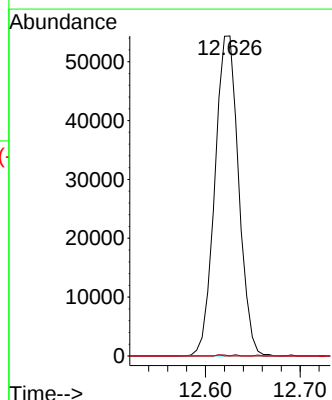
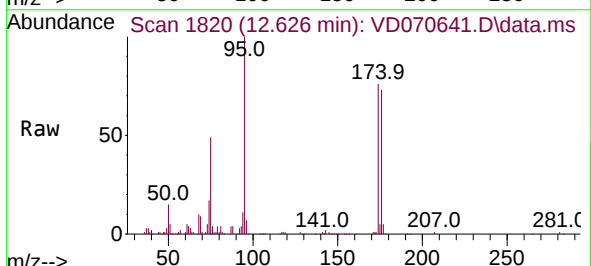
Instrument :
MSVOA_D
ClientSampled :

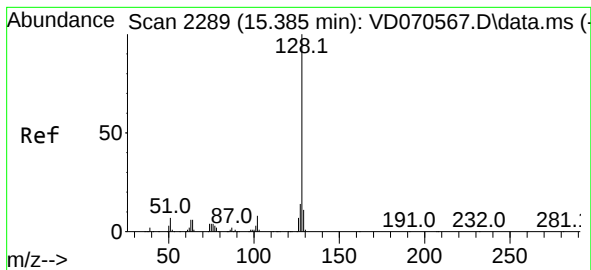
Tgt Ion: 75 Resp: 94801
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.453 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Tgt Ion: 75 Resp: 94801
Ion Ratio Lower Upper
75 100
53 0.1 64.5 96.7#
89 0.1 35.3 52.9#





#95
Naphthalene
Concen: 2.786 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070641.D
Acq: 08 Oct 2021 16:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 2028
Ion Ratio Lower Upper
128 100
127 0.0 10.9 16.3#
129 4.9 8.6 12.8#

