

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102721\
 Data File : VD070881.D
 Acq On : 28 Oct 2021 00:44
 Operator : VA/SY
 Sample : M4375-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 28 05:05:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 27 05:34:47 2021
 Response via : Initial Calibration

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

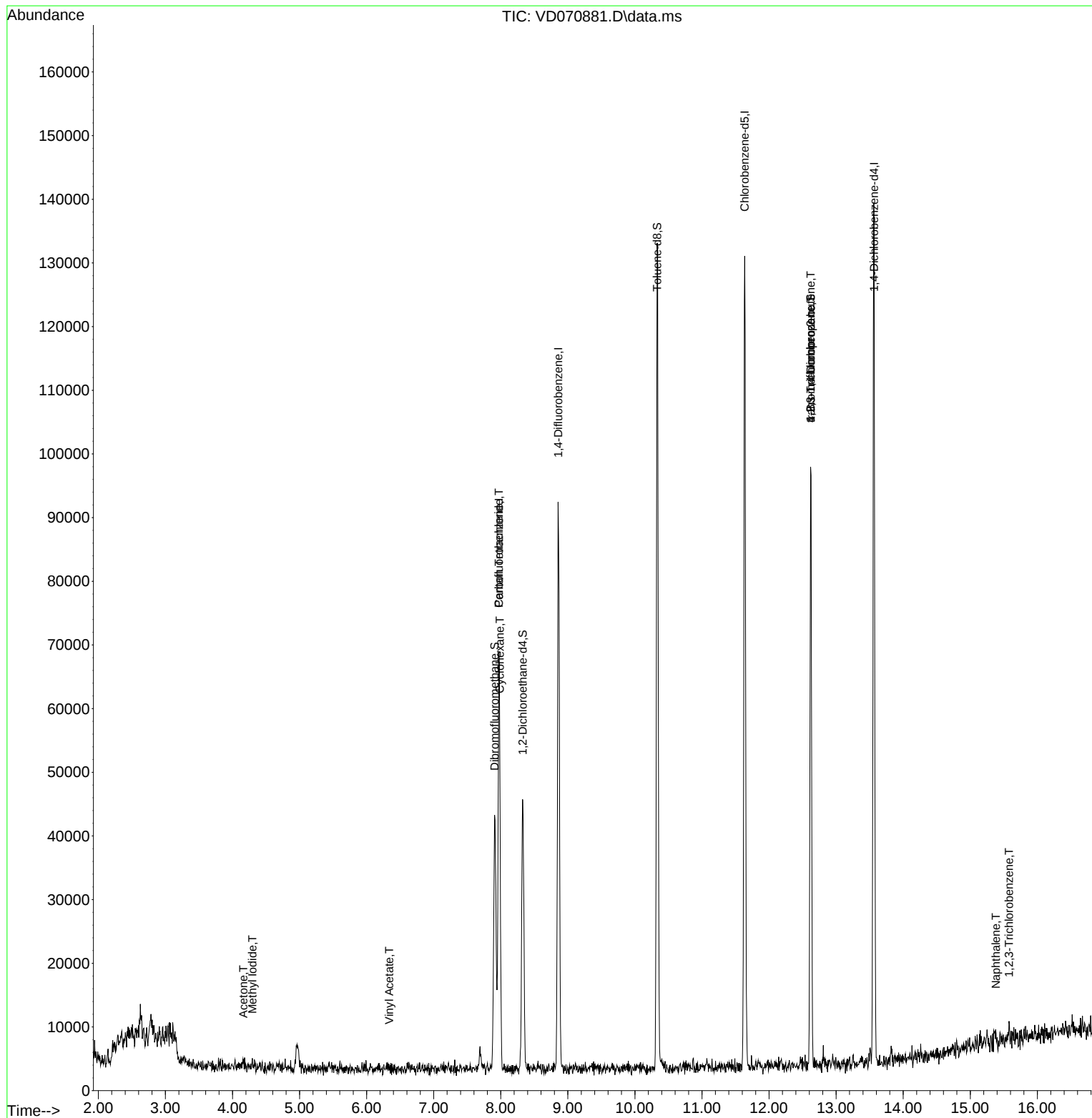
Internal Standards						
1) Pentafluorobenzene	7.973	168	49826	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	81288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	83353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	39653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	33840	67.528	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.060%	
35) Dibromofluoromethane	7.908	113	30837	57.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.060%	
50) Toluene-d8	10.332	98	97705	48.455	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.900%	
62) 4-Bromofluorobenzene	12.620	95	34152	51.333	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.660%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.732	94	77	Below Cal	#	3
10) Methyl Iodide	4.297	142	1166	5.402	ug/l #	47
16) Acetone	4.162	43	617	5.292	ug/l #	40
20) Methylene Chloride	4.961	84	2412	Below Cal	#	49
23) Vinyl Acetate	6.338	43	61	14.485	ug/l #	72
31) Cyclohexane	7.985	56	1129	1.106	ug/l #	15
38) Carbon Tetrachloride	7.973	117	4741	5.543	ug/l #	12
76) 1,2,3-Trichloropropane	12.620	75	14617	37.446	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	14617	98.282	ug/l #	18
95) Naphthalene	15.384	128	1531	5.252	ug/l #	73
96) 1,2,3-Trichlorobenzene	15.579	180	788	1.382	ug/l	90

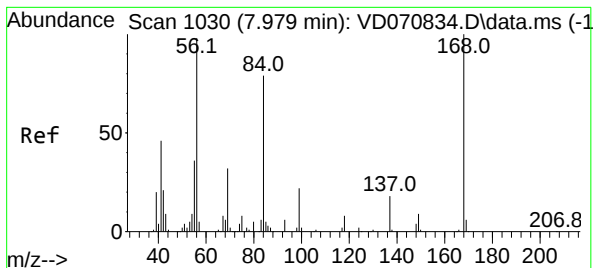
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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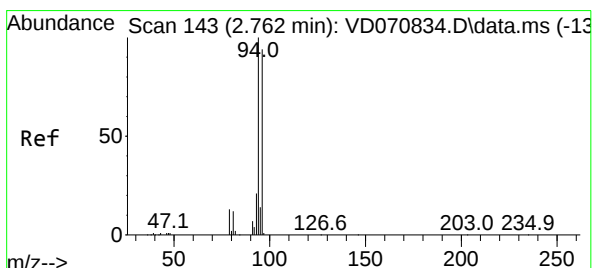
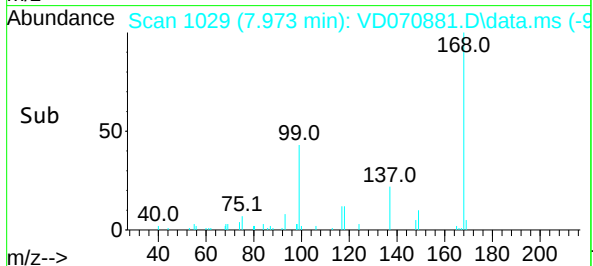
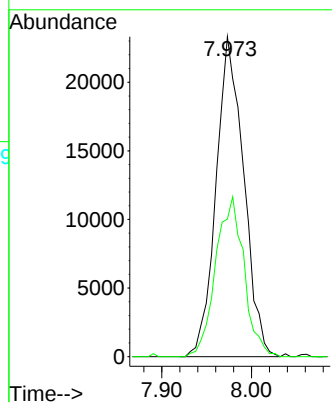
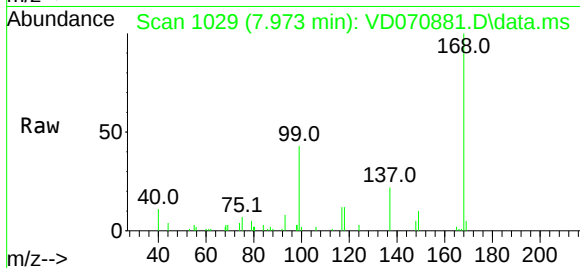




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

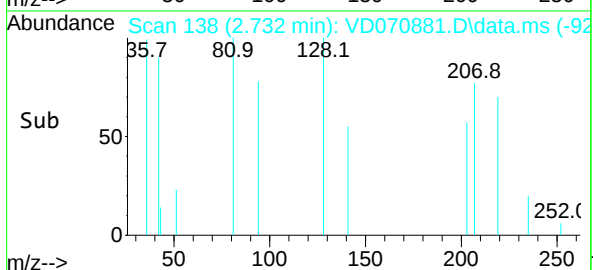
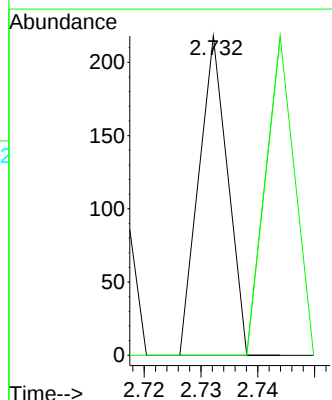
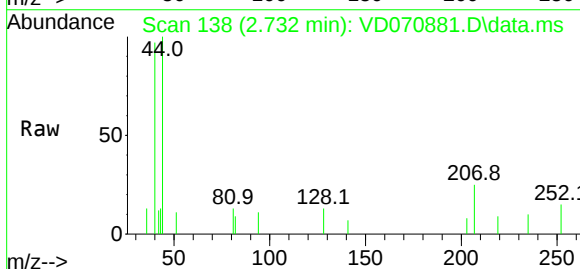
Instrument :
MSVOA_D
ClientSampled :

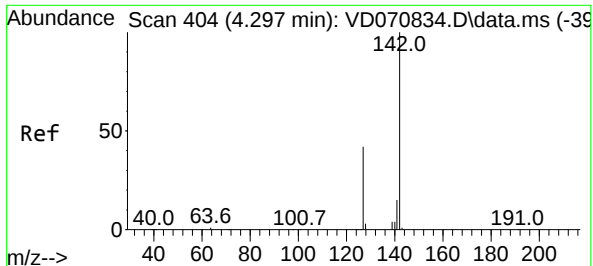
Tgt Ion:168 Resp: 49826
Ion Ratio Lower Upper
168 100
99 43.0 46.6 69.8#



#5
Bromomethane
Concen: Below Cal
RT: 2.732 min Scan# 138
Delta R.T. -0.030 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

Tgt Ion: 94 Resp: 77
Ion Ratio Lower Upper
94 100
96 0.0 74.8 112.2#

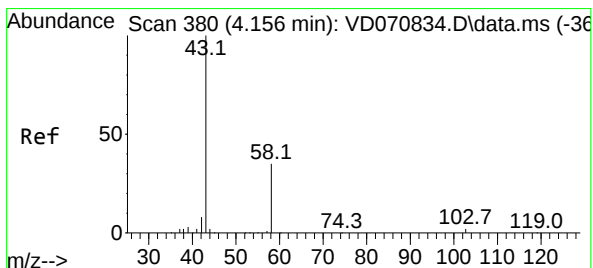
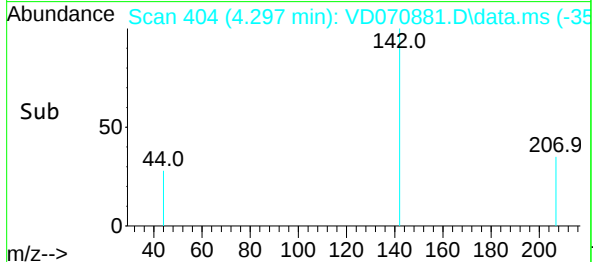
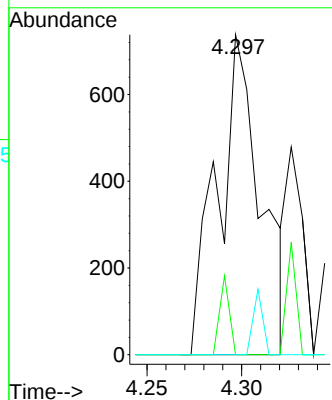
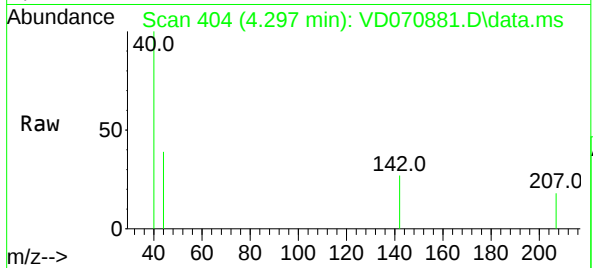




#10
Methyl Iodide
Concen: 5.402 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

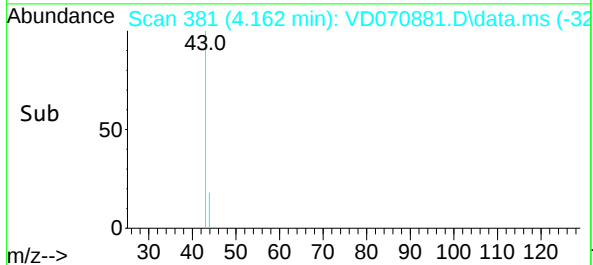
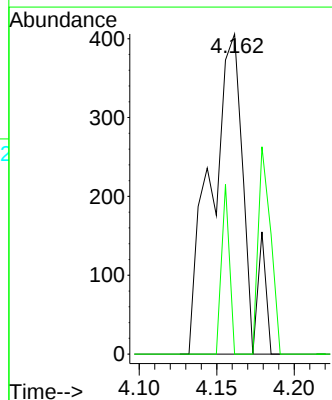
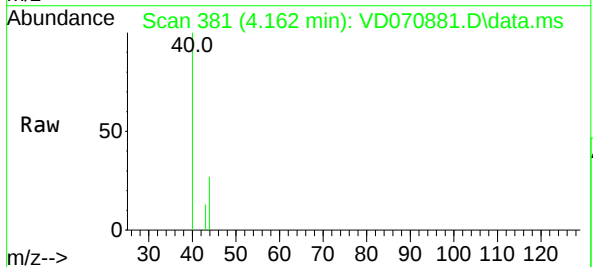
Instrument :
MSVOA_D
ClientSampled :

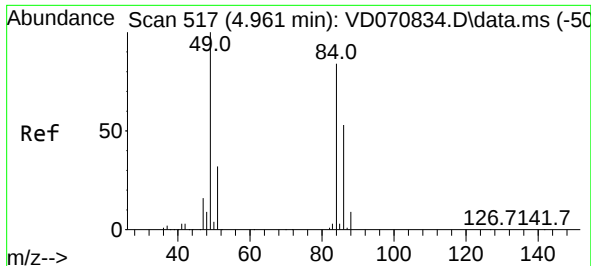
Tgt Ion:142 Resp: 1166
Ion Ratio Lower Upper
142 100
127 5.5 35.0 52.4#
141 0.0 12.0 18.0#



#16
Acetone
Concen: 5.292 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

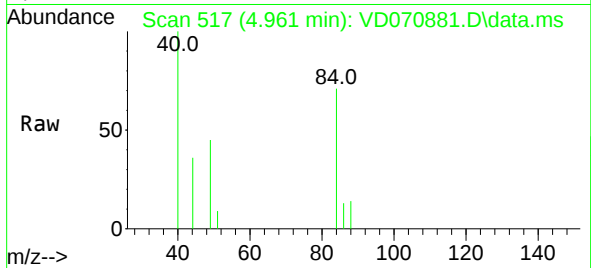
Tgt Ion: 43 Resp: 617
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#



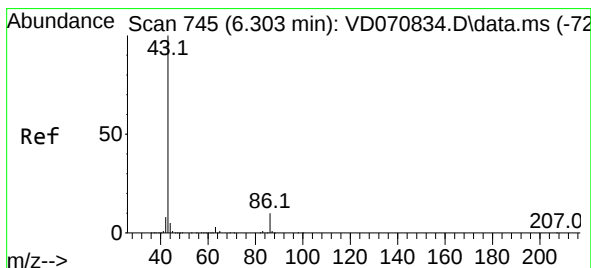
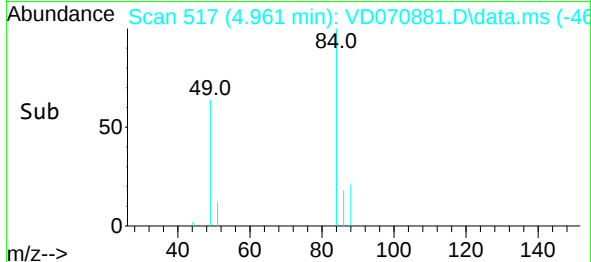
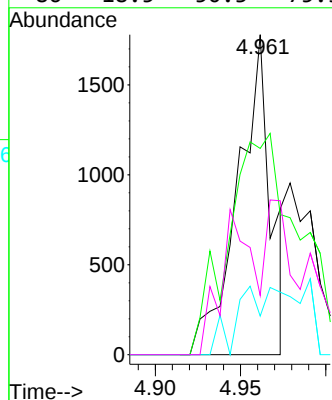


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

Instrument :
MSVOA_D
ClientSampleId :

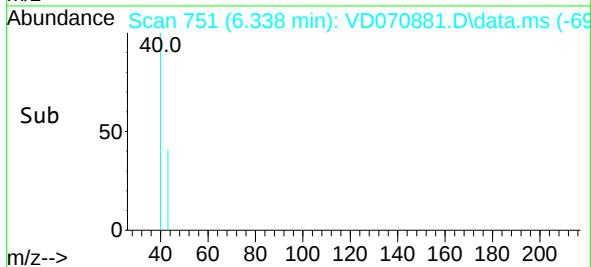
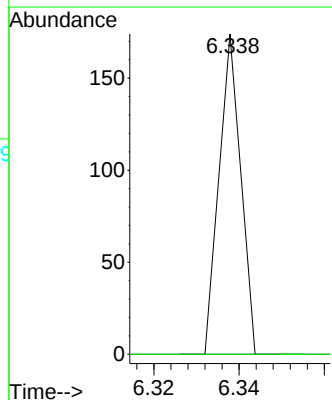
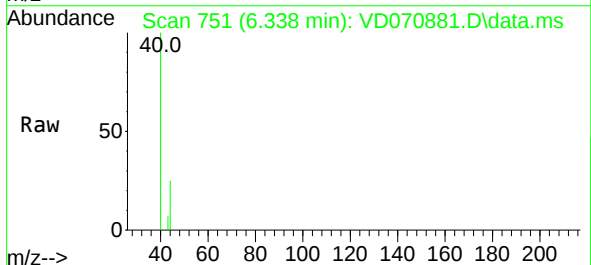


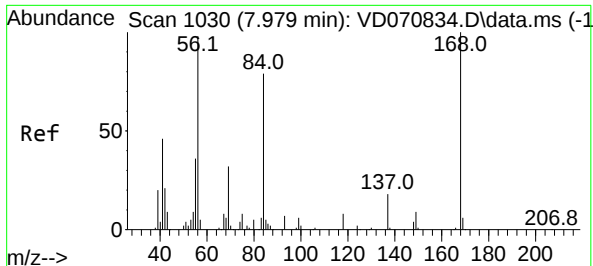
Tgt Ion:	84	Resp:	2412
Ion	Ratio	Lower	Upper
84	100		
49	64.5	95.8	143.6#
51	12.1	30.9	46.3#
86	18.5	50.3	75.5#



#23
Vinyl Acetate
Concen: 14.485 ug/l
RT: 6.338 min Scan# 751
Delta R.T. 0.035 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

Tgt Ion:	43	Resp:	61
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#





#31

Cyclohexane

Concen: 1.106 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD070881.D

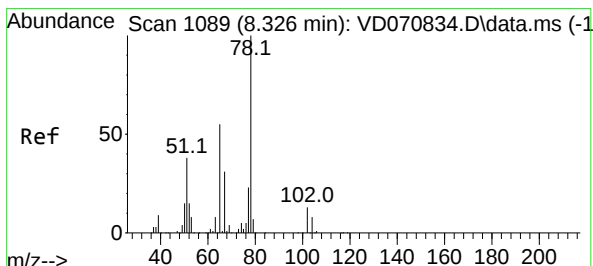
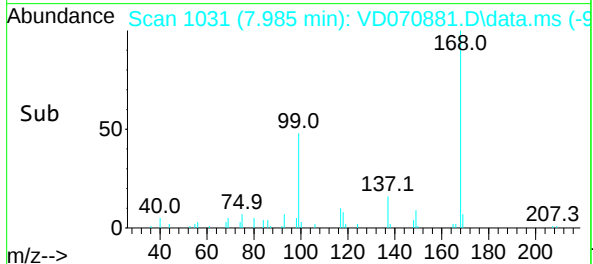
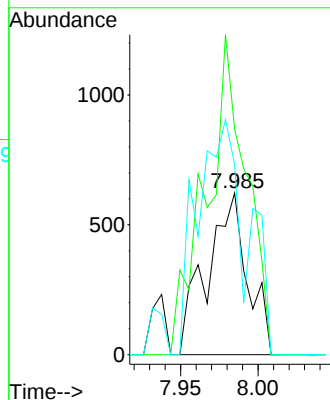
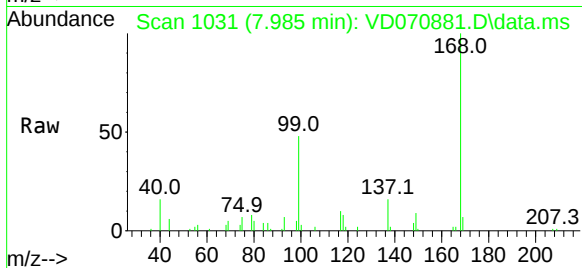
Acq: 28 Oct 2021 00:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	56	Resp:	1129
Ion Ratio	Lower	Upper	
56	100		
69	139.5	25.9	38.9#
84	117.7	64.3	96.5#



#33

1,2-Dichloroethane-d4

Concen: 67.528 ug/l

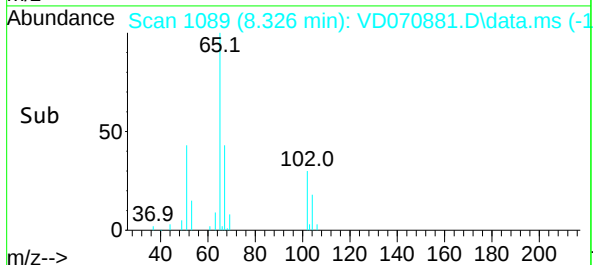
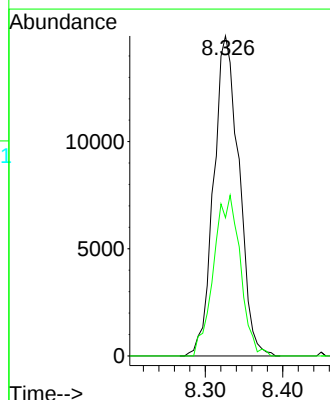
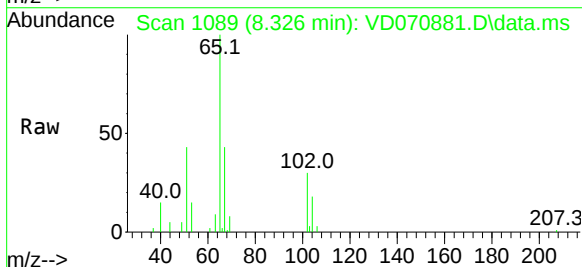
RT: 8.326 min Scan# 1089

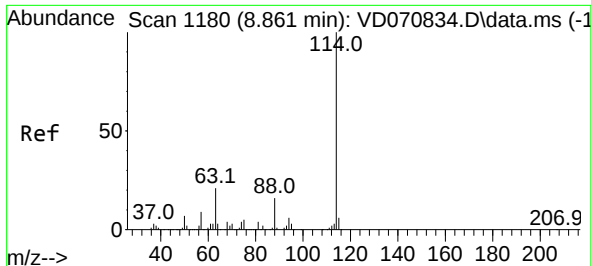
Delta R.T. 0.000 min

Lab File: VD070881.D

Acq: 28 Oct 2021 00:44

Tgt Ion:	65	Resp:	33840
Ion Ratio	Lower	Upper	
65	100		
67	53.1	0.0	112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD070881.D

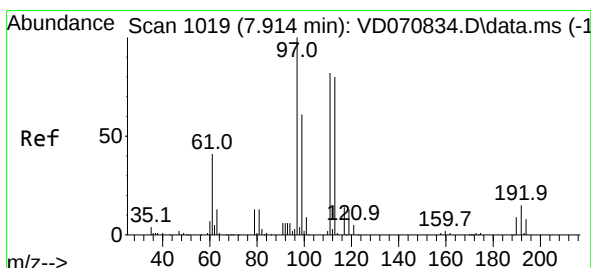
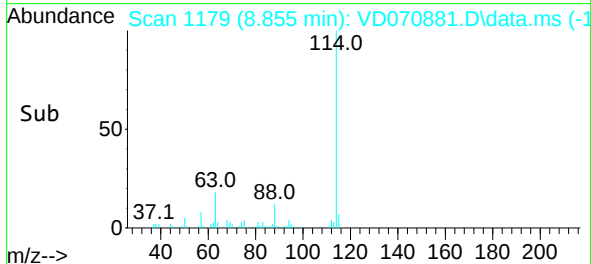
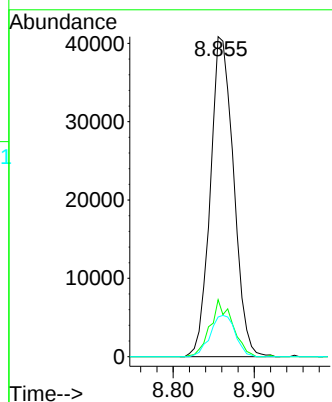
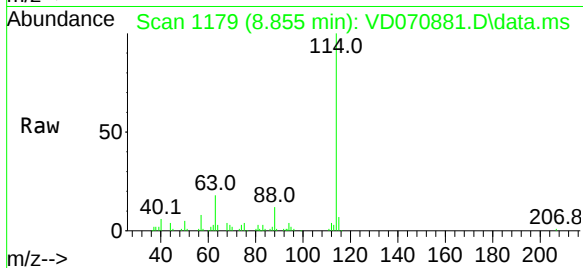
Acq: 28 Oct 2021 00:44

Instrument :

MSVOA_D

ClientSampled :

Tgt Ion:	114	Resp:	81288
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	41.8
88	12.4	0.0	32.8



#35

Dibromofluoromethane

Concen: 57.535 ug/l

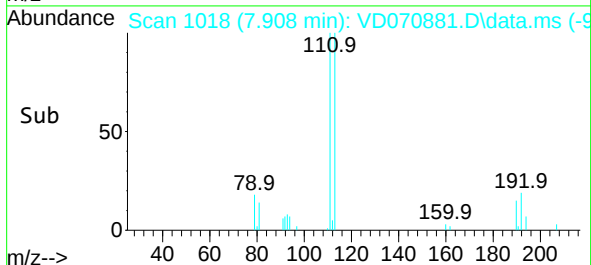
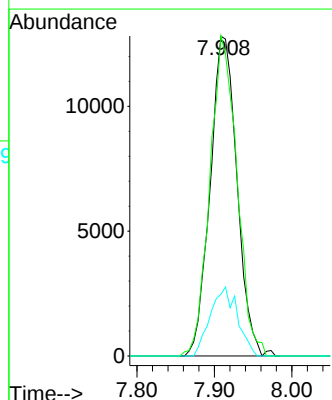
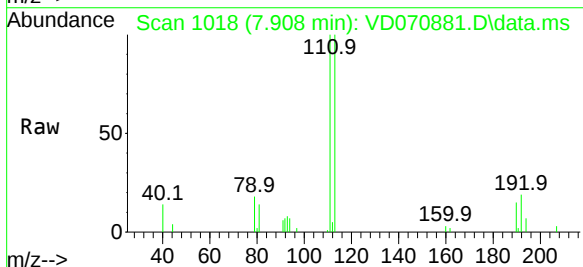
RT: 7.908 min Scan# 1018

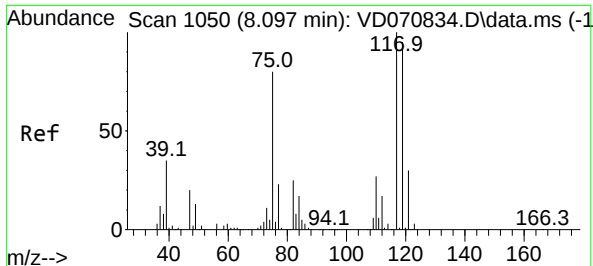
Delta R.T. -0.006 min

Lab File: VD070881.D

Acq: 28 Oct 2021 00:44

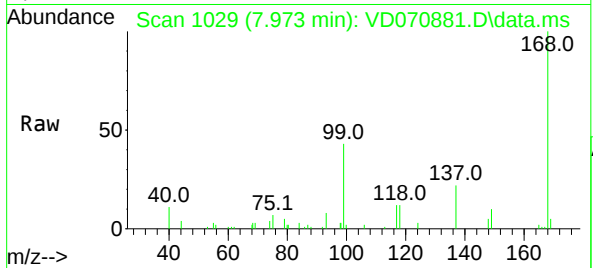
Tgt Ion:	113	Resp:	30837
Ion	Ratio	Lower	Upper
113	100		
111	100.9	82.0	123.0
192	21.8	15.2	22.8



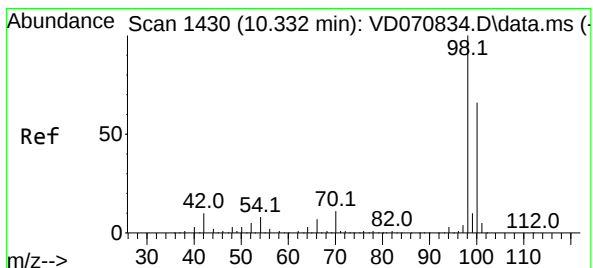
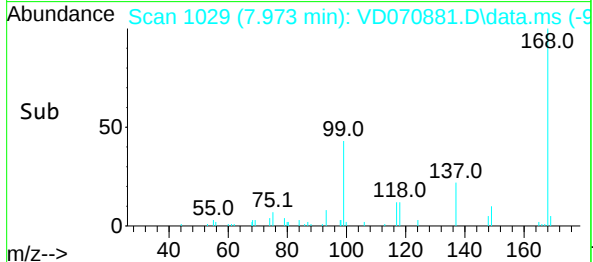
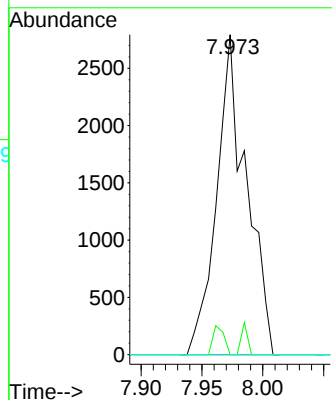


#38
Carbon Tetrachloride
Concen: 5.543 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

Instrument :
MSVOA_D
ClientSampleId :

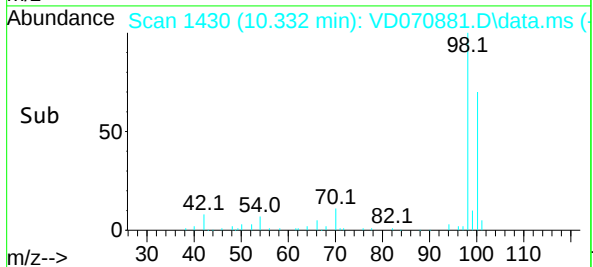
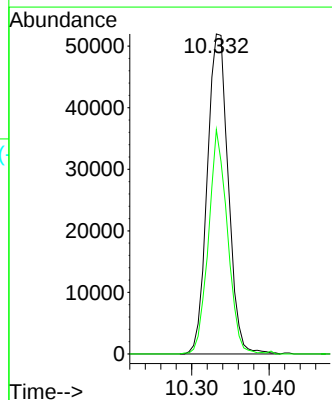
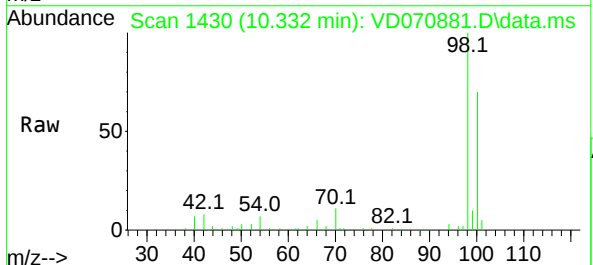


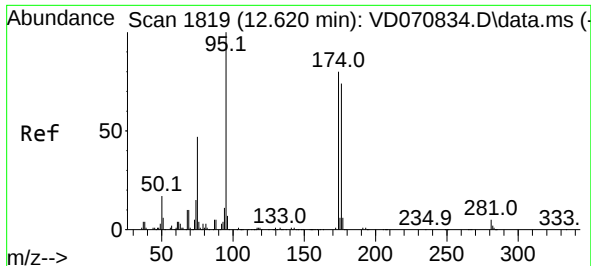
Tgt Ion:117 Resp: 4741
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 23.6 35.4#



#50
Toluene-d8
Concen: 48.455 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

Tgt Ion: 98 Resp: 97705
Ion Ratio Lower Upper
98 100
100 63.3 51.8 77.6

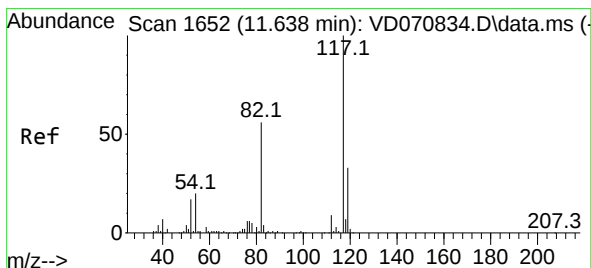
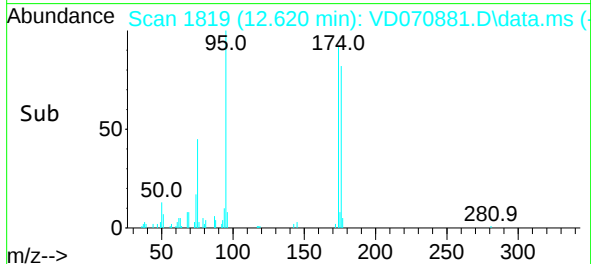
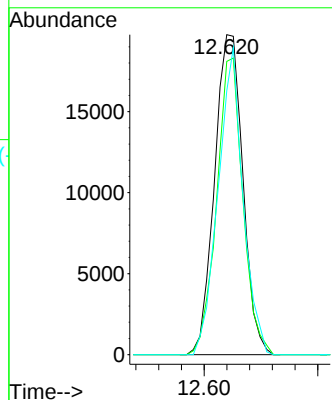
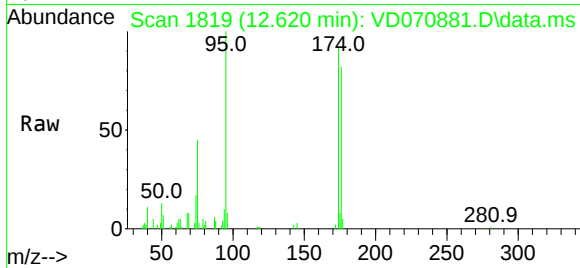




#62
4-Bromofluorobenzene
Concen: 51.333 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

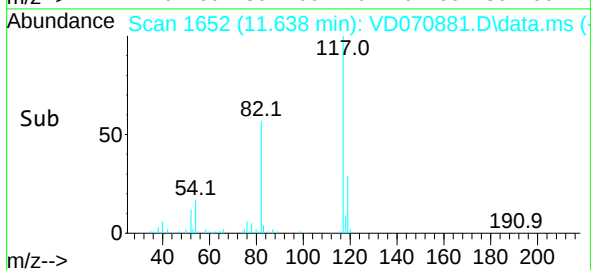
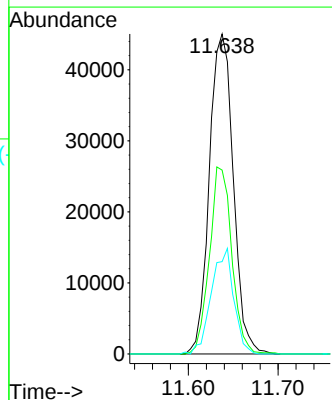
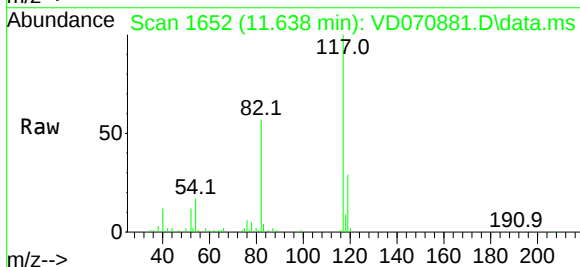
Instrument :
MSVOA_D
ClientSampleId :

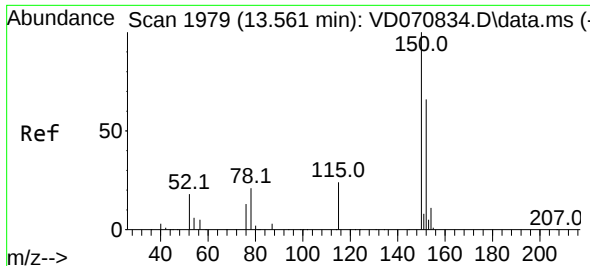
Tgt Ion:	95	Resp:	34152
Ion Ratio	Lower	Upper	
95	100		
174	86.1	0.0	159.4
176	84.6	0.0	154.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

Tgt Ion:	117	Resp:	83353
Ion Ratio	Lower	Upper	
117	100		
82	57.4	44.7	67.1
119	28.8	26.2	39.4

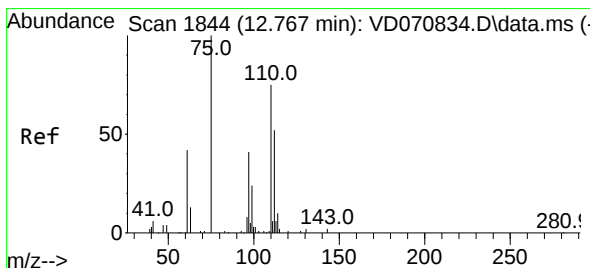
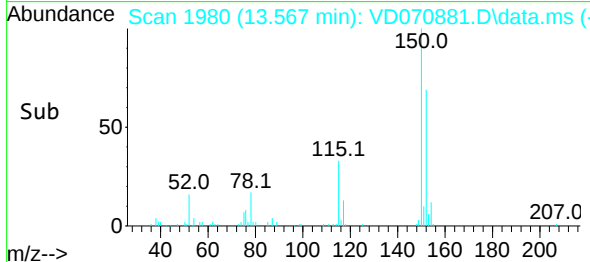
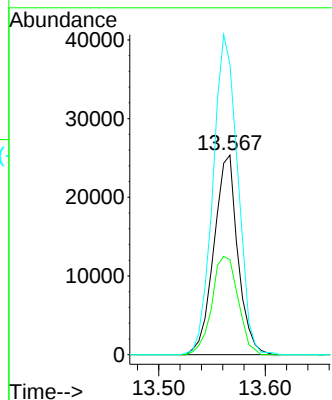
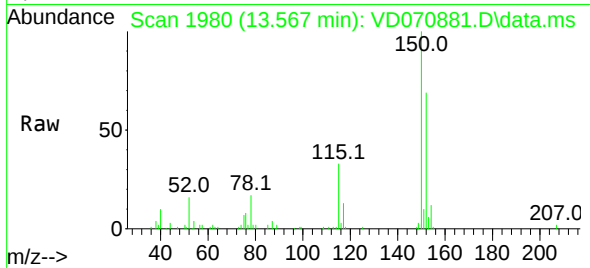




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

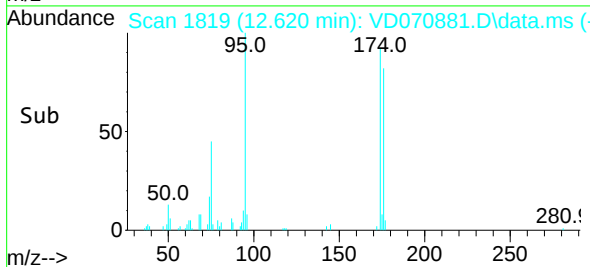
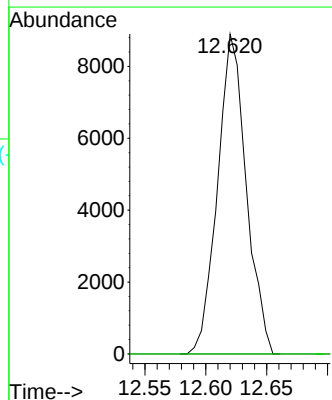
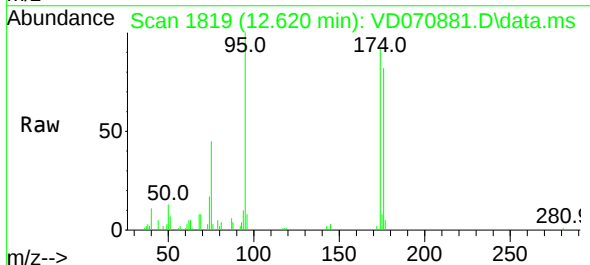
Instrument :
MSVOA_D
ClientSampled :

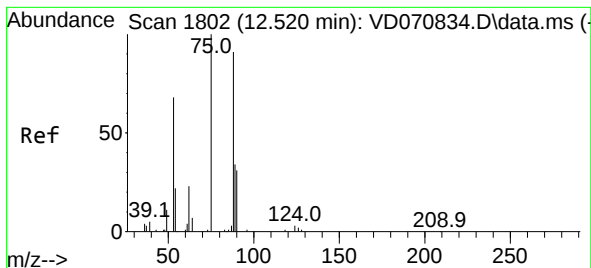
Tgt Ion:152 Resp: 39653
Ion Ratio Lower Upper
152 100
115 53.8 29.8 89.3
150 165.9 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 37.446 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

Tgt Ion: 75 Resp: 14617
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

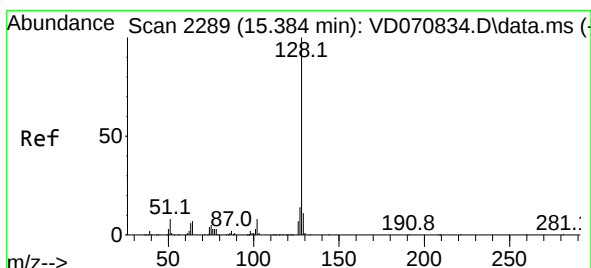
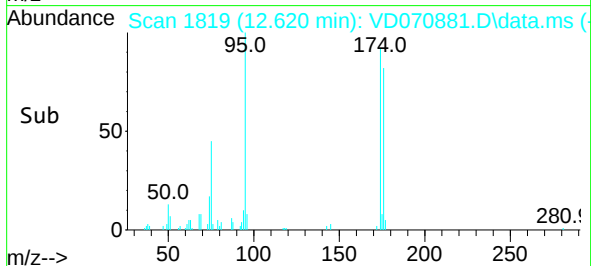
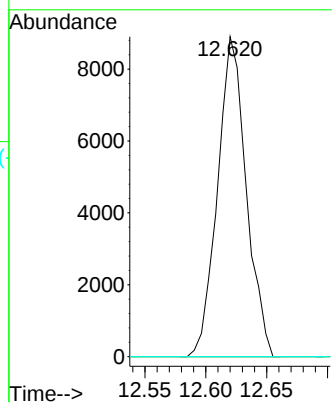
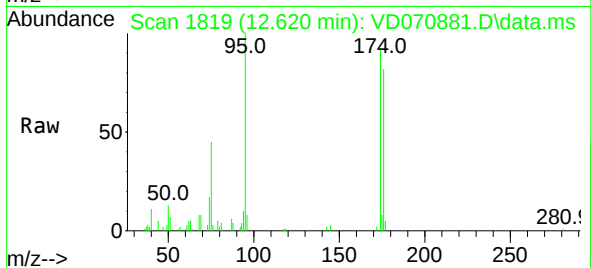




#81
trans-1,4-Dichloro-2-butene
Concen: 98.282 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

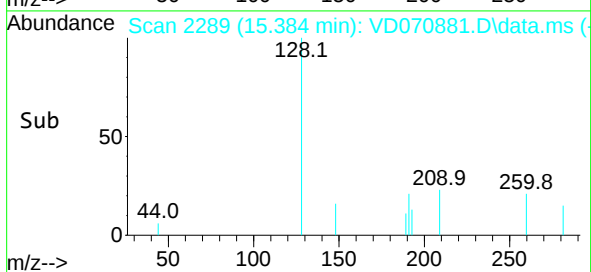
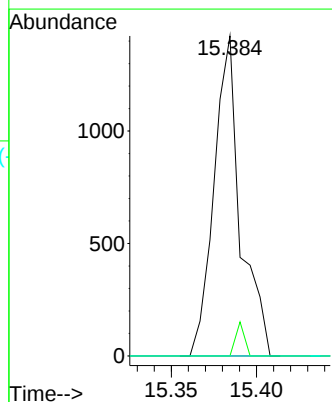
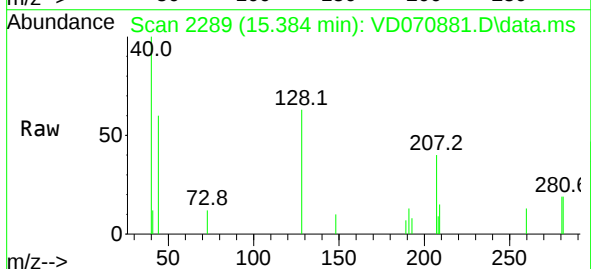
Instrument :
MSVOA_D
ClientSampleId :

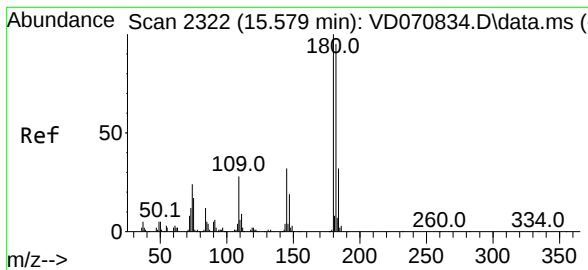
Tgt Ion: 75 Resp: 14617
Ion Ratio Lower Upper
75 100
53 0.0 62.6 94.0#
89 0.0 34.5 51.7#



#95
Naphthalene
Concen: 5.252 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD070881.D
Acq: 28 Oct 2021 00:44

Tgt Ion: 128 Resp: 1531
Ion Ratio Lower Upper
128 100
127 3.5 10.7 16.1#
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.382 ug/l
 RT: 15.579 min Scan# 2322
 Delta R.T. 0.000 min
 Lab File: VD070881.D
 Acq: 28 Oct 2021 00:44

Instrument :
 MSVOA_D
 ClientSampled :

Tgt Ion:180 Resp: 788
 Ion Ratio Lower Upper
 180 100
 182 100.1 46.7 140.1
 145 22.2 15.9 47.6

