

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081123\
 Data File : VD076982.D
 Acq On : 11 Aug 2023 11:36
 Operator : JC/SY
 Sample : 03965-07RE
 Misc : 5.24G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A48H7RE

Quant Time: Aug 12 02:21:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM080323SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 12 02:16:48 2023
 Response via : Initial Calibration

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

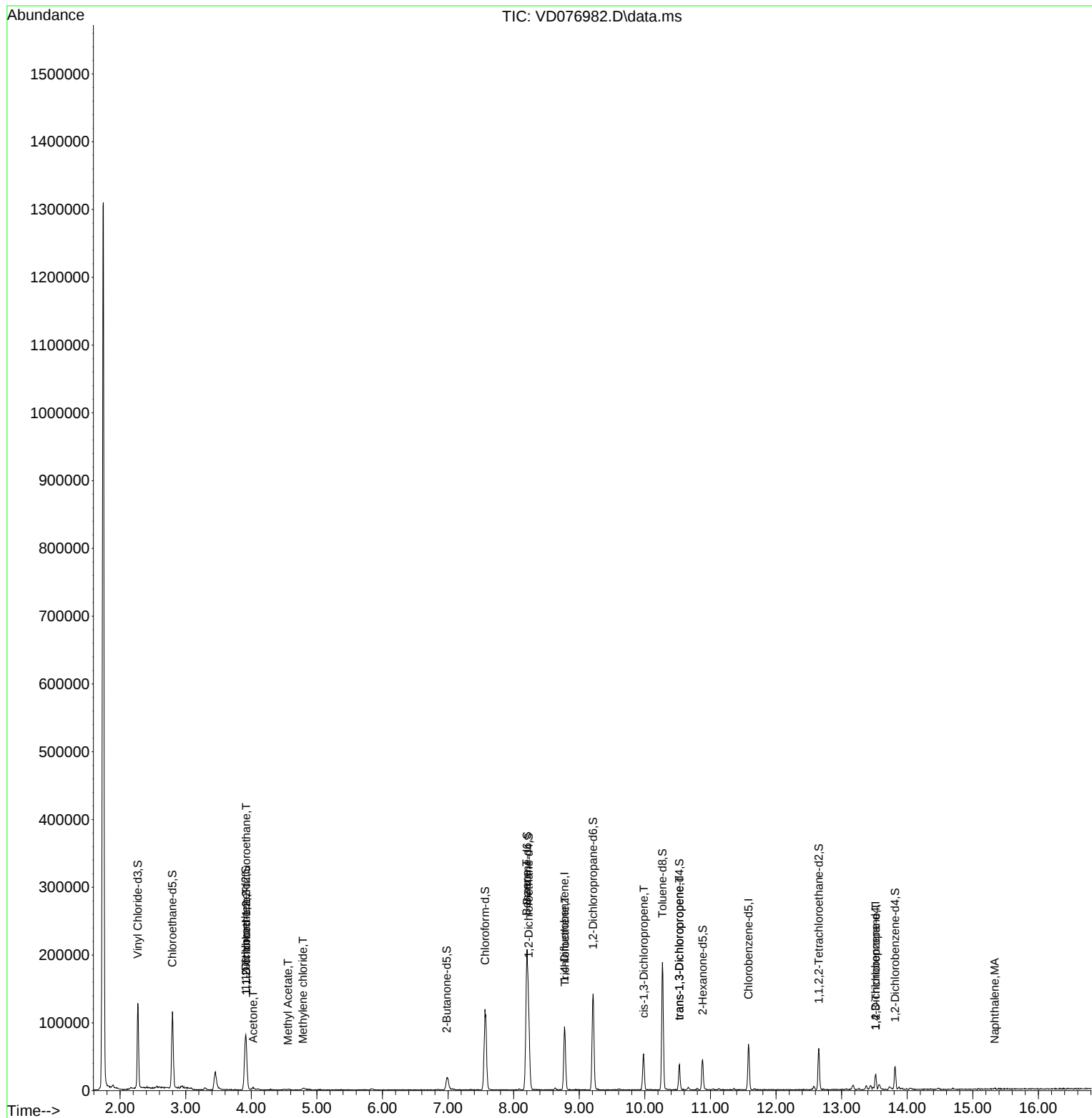
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	86253	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	40004	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	6512	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	113536	47.865	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery	= 191.440%#		
7) Chloroethane-d5	2.799	69	112860	51.468	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery	= 205.880%#		
11) 1,1-Dichloroethene-d2	3.916	65	23246	41.360	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery	= 165.440%#		
21) 2-Butanone-d5	6.981	46	31751	83.374	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery	= 166.740%#		
24) Chloroform-d	7.563	84	122534	43.627	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery	= 174.520%#		
26) 1,2-Dichloroethane-d4	8.228	65	68773	49.119	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery	= 196.480%#		
32) Benzene-d6	8.204	84	223368	88.809	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery	= 355.240%#		
36) 1,2-Dichloropropane-d6	9.210	67	71454	92.400	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery	= 369.600%#		
41) Toluene-d8	10.269	98	132638	57.519	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery	= 230.080%#		
43) trans-1,3-Dichloroprop...	10.528	79	20930	59.865	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery	= 239.480%#		
47) 2-Hexanone-d5	10.881	63	15595	105.573	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery	= 211.140%#		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	30443	40.740	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery	= 162.960%#		
66) 1,2-Dichlorobenzene-d4	13.816	152	9657	40.563	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery	= 162.240%#		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	3.922	101	376	0.263	ug/L #	20
12) 1,1-Dichloroethene	3.922	96	308	0.243	ug/L #	1
13) Acetone	4.028	43	5035	12.929	ug/L	77
15) Methyl Acetate	4.558	43	961	1.460	ug/L #	53
16) Methylene chloride	4.787	84	759	0.420	ug/L #	39
33) Benzene	8.198	78	1583	0.604	ug/L	100
34) Trichloroethene	8.781	95	2317	3.393	ug/L #	4
39) cis-1,3-Dichloropropene	9.987	75	1502	1.397	ug/L	85
44) trans-1,3-Dichloropropene	10.528	75	928	0.988	ug/L #	69
61) 1,2,3-Trichloropropane	13.522	75	905	5.955	ug/L #	61
71) Naphthalene	15.333	128	1238	2.238	ug/L #	69

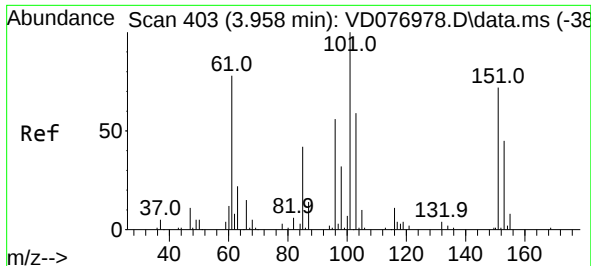
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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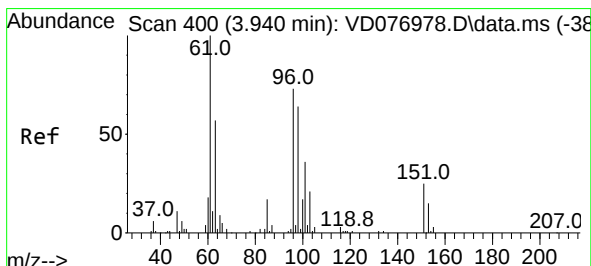
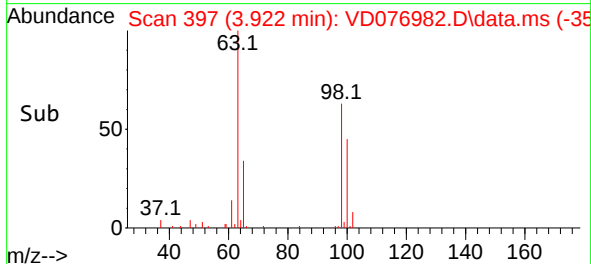
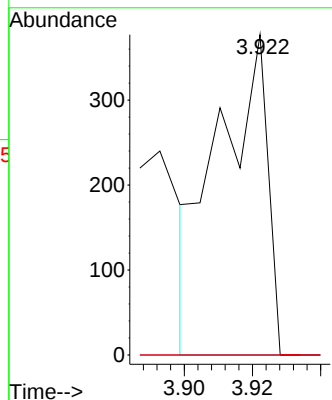
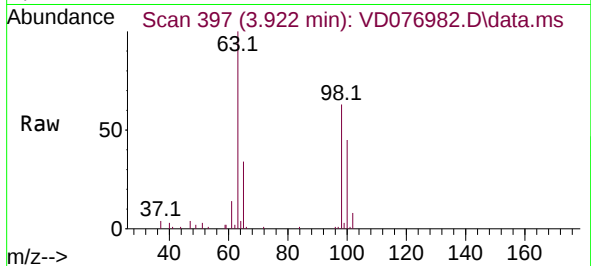




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.263 ug/L
RT: 3.922 min Scan# 397
Delta R.T. -0.036 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

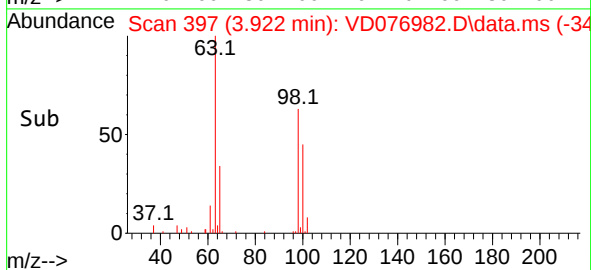
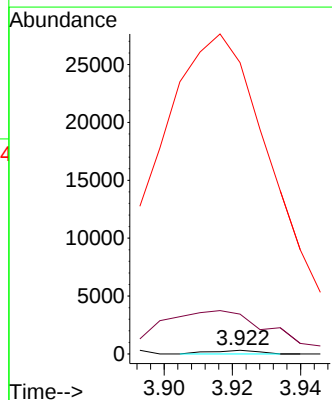
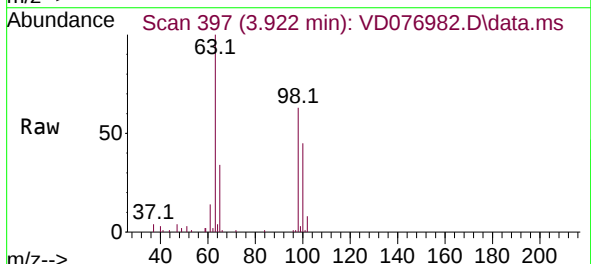
Instrument :
MSVOA_D
ClientSampleId :
A48H7RE

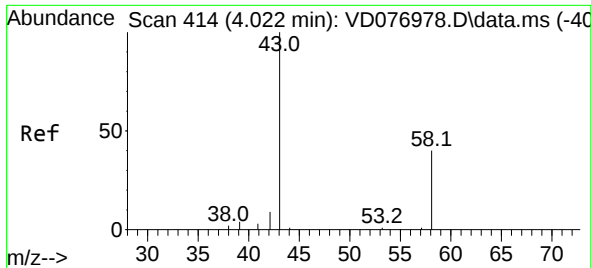
Tgt Ion: 101 Resp: 376
Ion Ratio Lower Upper
101 100
85 0.0 35.5 53.3#
151 0.0 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.243 ug/L
RT: 3.922 min Scan# 397
Delta R.T. -0.018 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

Tgt Ion: 96 Resp: 308
Ion Ratio Lower Upper
96 100
61 1101.3 113.0 209.8#
63 8040.9 83.6 155.2#

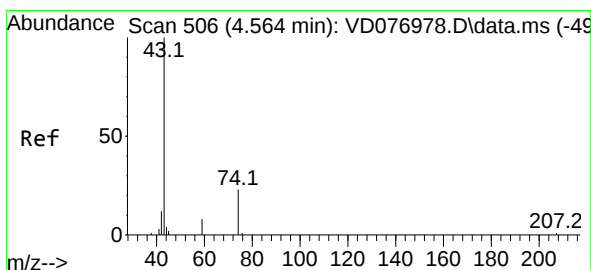
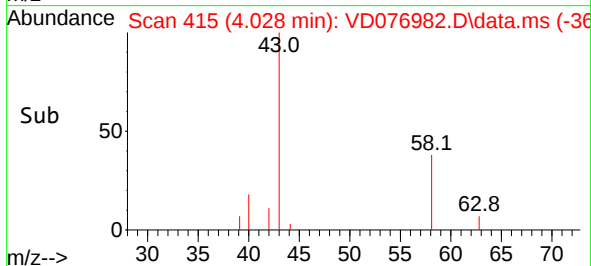
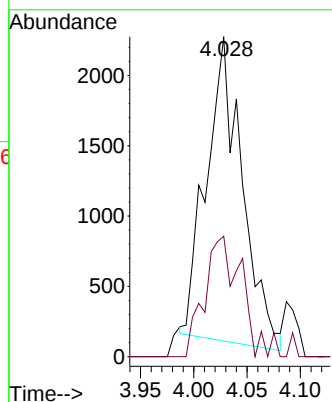
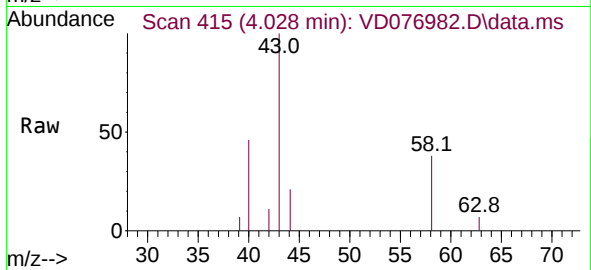




#13
Acetone
Concen: 12.929 ug/L
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

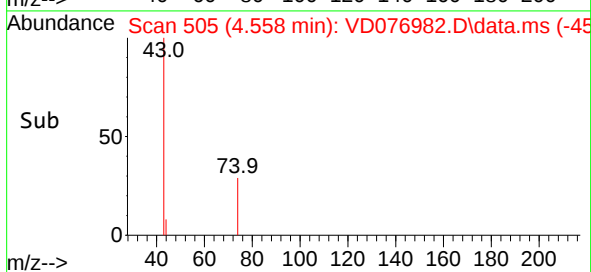
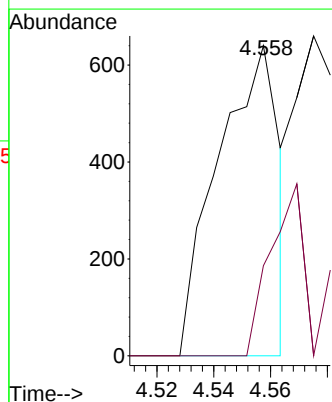
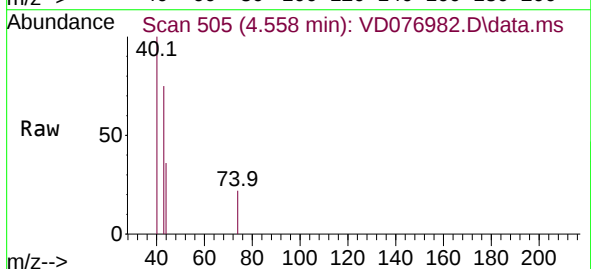
Instrument :
MSVOA_D
ClientSampleId :
A48H7RE

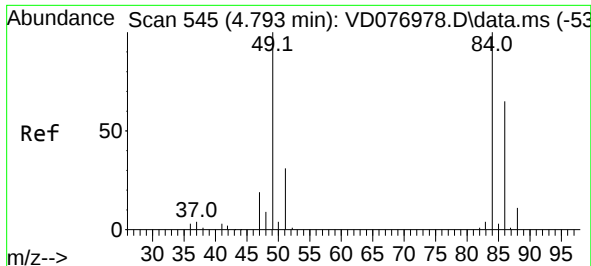
Tgt Ion: 43 Resp: 5035
Ion Ratio Lower Upper
43 100
58 20.5 0.0 67.4



#15
Methyl Acetate
Concen: 1.460 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

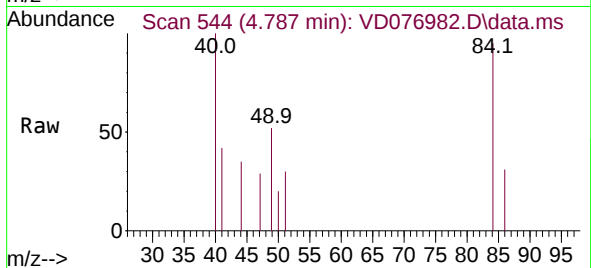
Tgt Ion: 43 Resp: 961
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



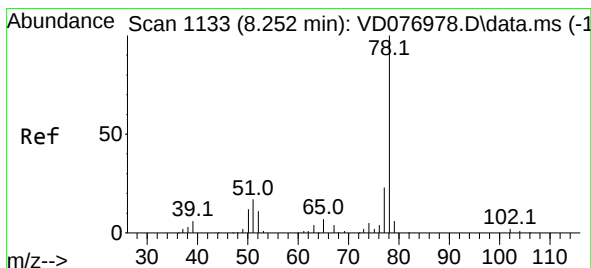
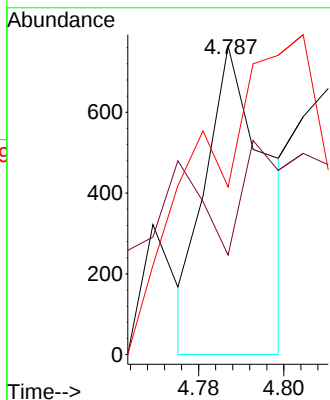
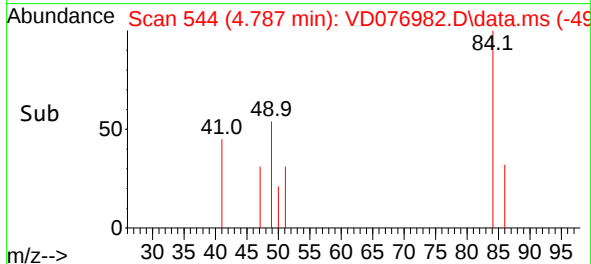


#16
Methylene chloride
Concen: 0.420 ug/L
RT: 4.787 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
A48H7RE

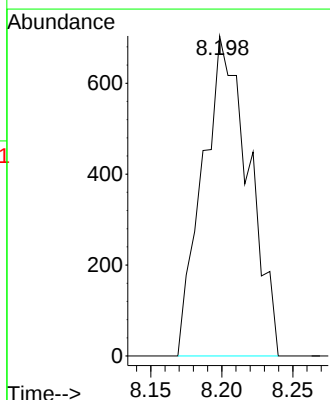
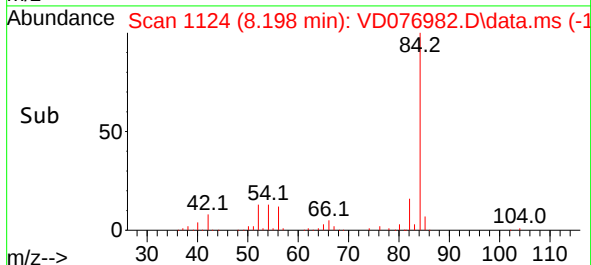
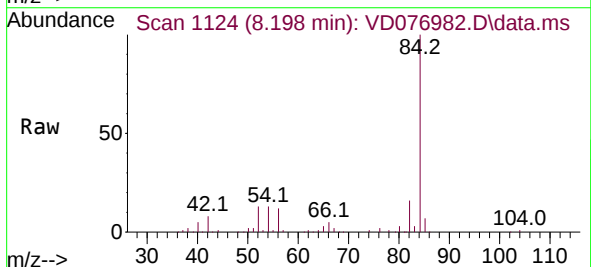


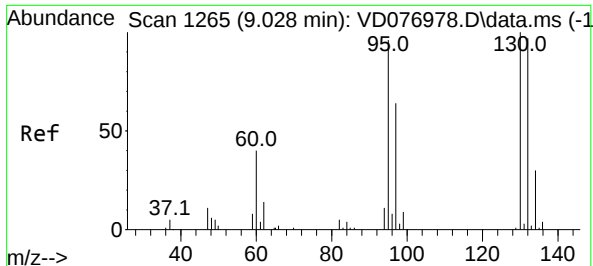
Tgt Ion: 84 Resp: 759
Ion Ratio Lower Upper
84 100
86 32.2 45.1 83.9#
49 54.3 97.2 180.6#



#33
Benzene
Concen: 0.604 ug/L
RT: 8.198 min Scan# 1124
Delta R.T. -0.053 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

Tgt Ion: 78 Resp: 1583



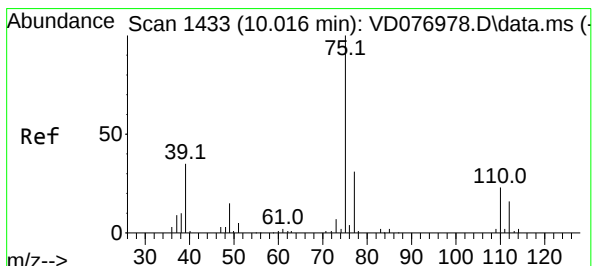
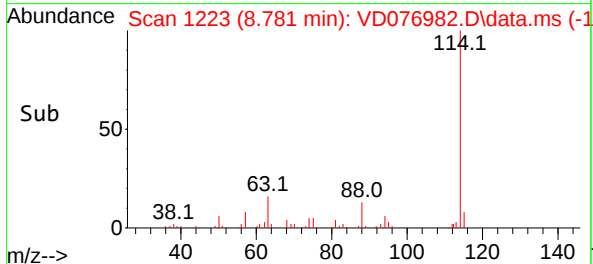
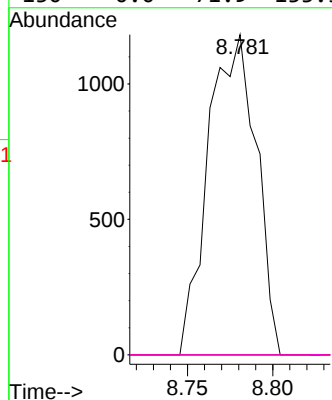
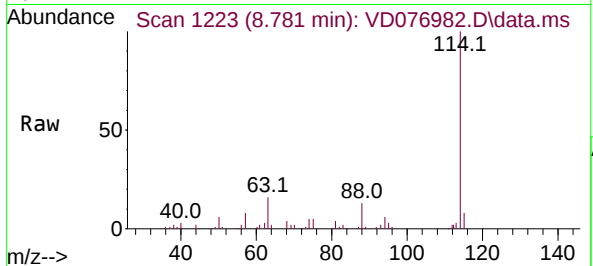


#34
Trichloroethene
Concen: 3.393 ug/L
RT: 8.781 min Scan# 11
Delta R.T. -0.247 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :
A48H7RE

Tgt Ion: 95 Resp: 2317

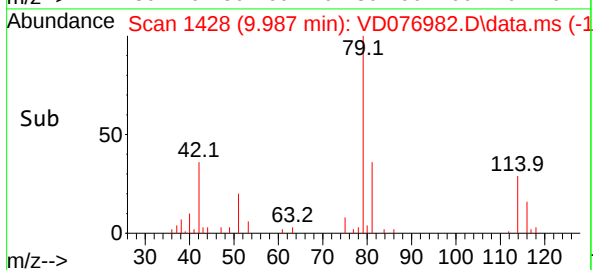
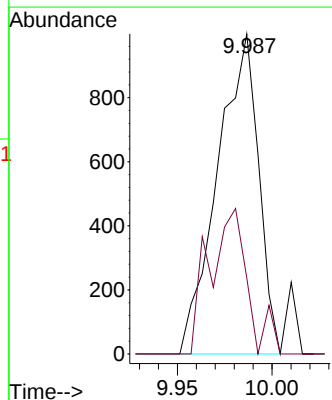
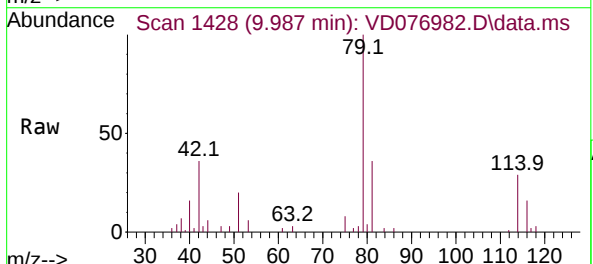
Ion	Ratio	Lower	Upper
95	100		
97	0.0	43.1	80.1#
132	0.0	71.8	133.4#
130	0.0	71.9	133.5#

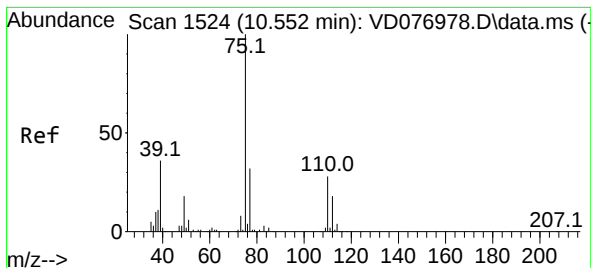


#39
cis-1,3-Dichloropropene
Concen: 1.397 ug/L
RT: 9.987 min Scan# 1428
Delta R.T. -0.030 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

Tgt Ion: 75 Resp: 1502

Ion	Ratio	Lower	Upper
75	100		
77	23.8	22.7	42.3

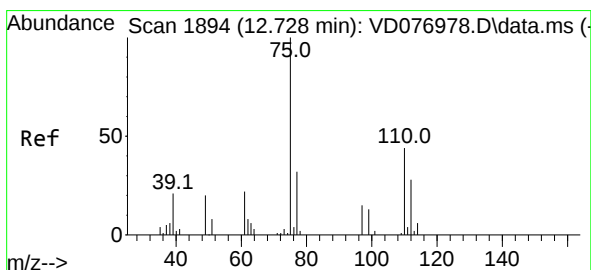
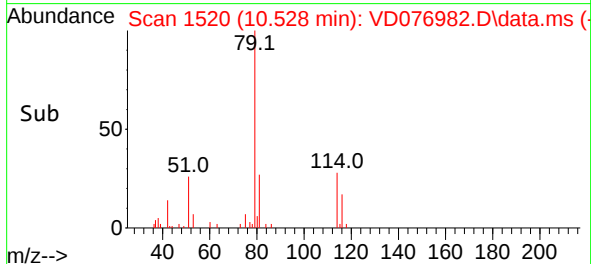
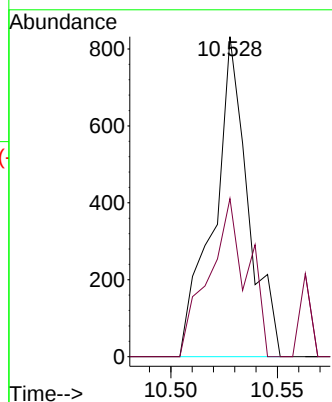
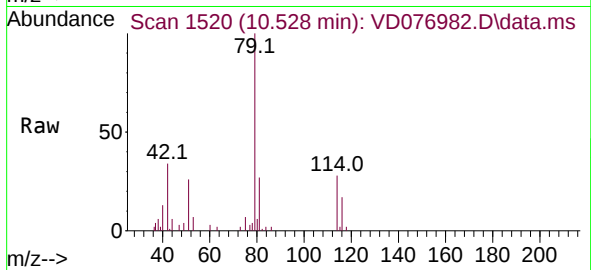




#44
trans-1,3-Dichloropropene
Concen: 0.988 ug/L
RT: 10.528 min Scan# 11
Delta R.T. -0.024 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

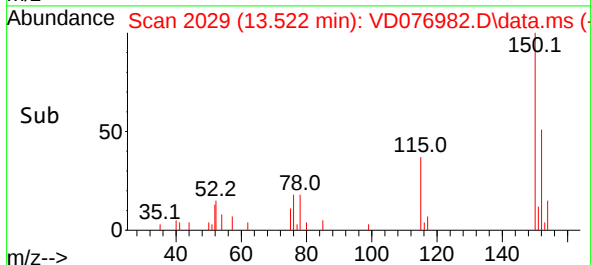
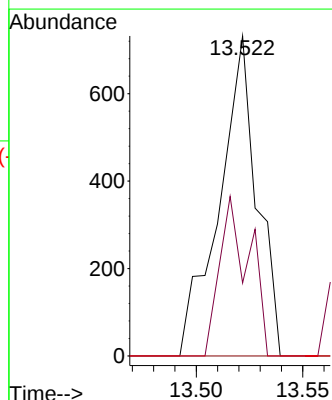
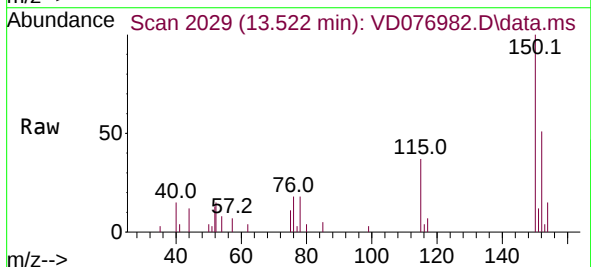
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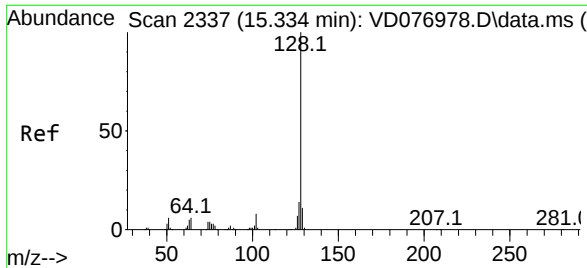
Tgt Ion: 75 Resp: 928
Ion Ratio Lower Upper
75 100
77 49.4 22.5 41.7#



#61
1,2,3-Trichloropropane
Concen: 5.955 ug/L
RT: 13.522 min Scan# 2029
Delta R.T. 0.794 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

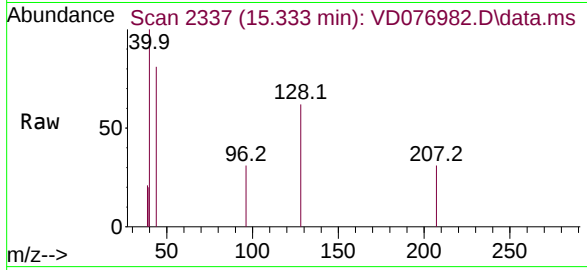
Tgt Ion: 75 Resp: 905
Ion Ratio Lower Upper
75 100
77 39.1 27.2 40.8
110 0.0 31.8 47.6#





#71
Naphthalene
Concen: 2.238 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076982.D
Acq: 11 Aug 2023 11:36

Instrument :
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Tgt Ion:	128	Resp:	1238
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.8	16.2#
129	0.0	8.6	12.8#

