

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077762.D
 Acq On : 06 Dec 2023 15:28
 Operator : JC/SY
 Sample : 05646-06
 Misc : 3.99G/10ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 07 00:33:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

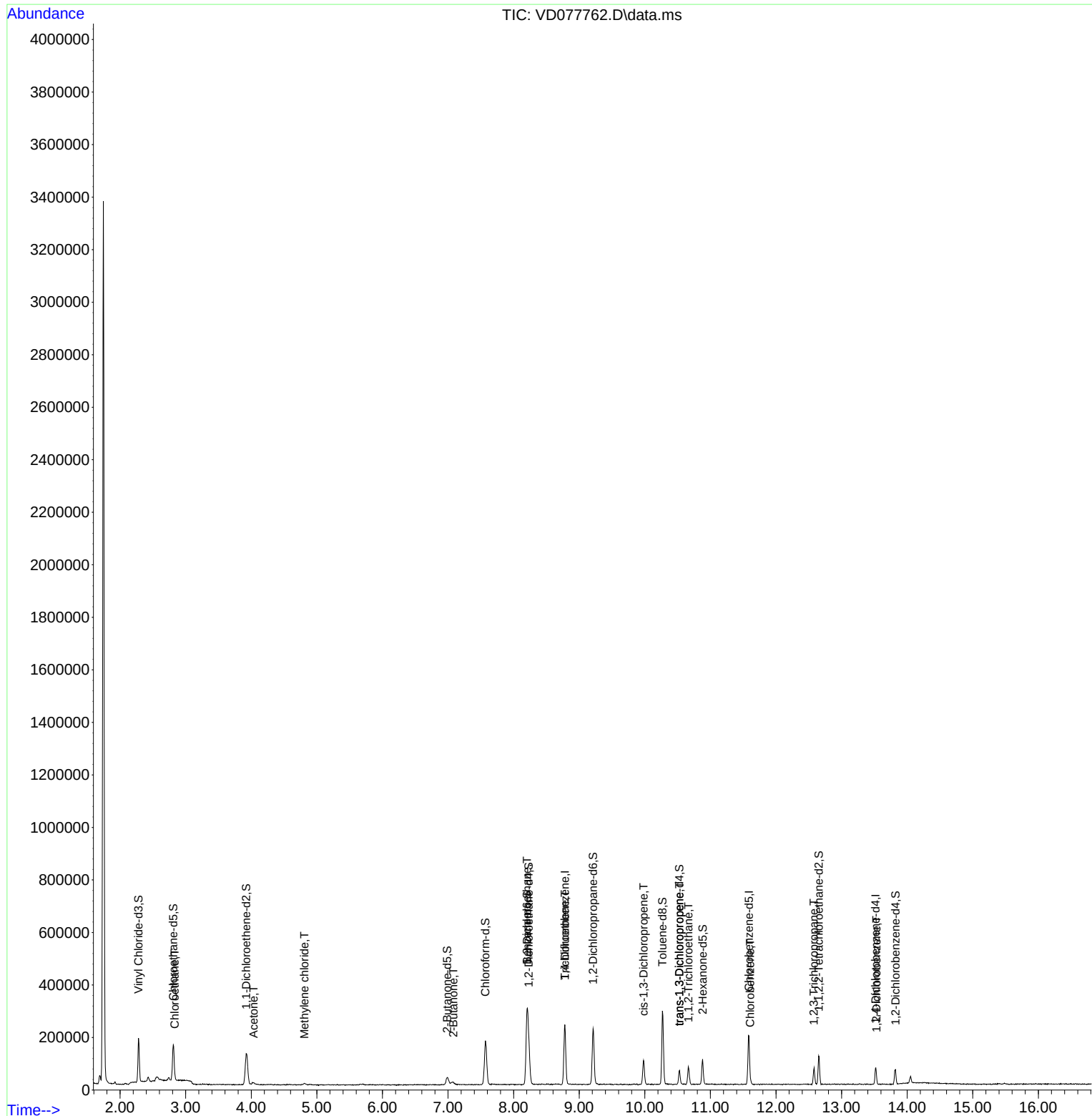
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	200278	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	107165	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	17381	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	154850	28.352	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.400%	
7) Chloroethane-d5	2.811	69	144131	33.108	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 132.440%	
11) 1,1-Dichloroethene-d2	3.922	65	36247	25.596	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 102.400%	
21) 2-Butanone-d5	6.987	46	52466	76.007	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 152.020%#	
24) Chloroform-d	7.569	84	171712	31.811	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 127.240%	
26) 1,2-Dichloroethane-d4	8.228	65	94852	34.682	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 138.720%#	
32) Benzene-d6	8.205	84	313284	48.540	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 194.160%#	
36) 1,2-Dichloropropane-d6	9.210	67	108296	54.993	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 219.960%#	
41) Toluene-d8	10.269	98	193329	32.543	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 130.160%#	
43) trans-1,3-Dichloroprop...	10.528	79	29364	33.720	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 134.880%	
47) 2-Hexanone-d5	10.881	63	34094	100.471	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 200.940%#	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	53541	37.624	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 150.480%#	
66) 1,2-Dichlorobenzene-d4	13.822	152	15036	24.182	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 96.720%	
Target Compounds						
					Qvalue	
8) Chloroethane	2.834	64	2049	0.574	ug/L #	43
13) Acetone	4.034	43	12159	13.748	ug/L	86
16) Methylene chloride	4.811	84	2154	0.606	ug/L	95
22) 2-Butanone	7.081	43	2169	2.179	ug/L	96
27) 1,2-Dichloroethane	8.205	62	1984	0.602	ug/L #	72
34) Trichloroethene	8.781	95	5994	3.462	ug/L #	5
39) cis-1,3-Dichloropropene	9.981	75	2803	0.987	ug/L	93
44) trans-1,3-Dichloropropene	10.528	75	1437	0.606	ug/L	96
45) 1,1,2-Trichloroethane	10.663	97	1444	1.182	ug/L #	14
51) Chlorobenzene	11.604	112	5242	1.141	ug/L	93
61) 1,2,3-Trichloropropane	12.575	75	588	1.839	ug/L #	47
67) 1,2-Dichlorobenzene	13.534	146	387	0.383	ug/L #	25

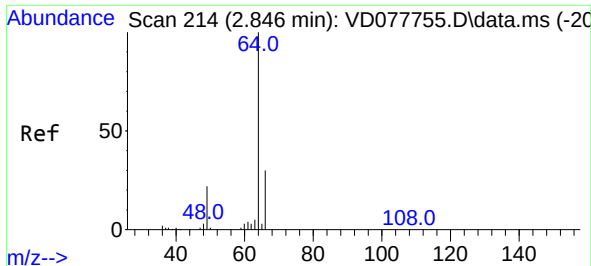
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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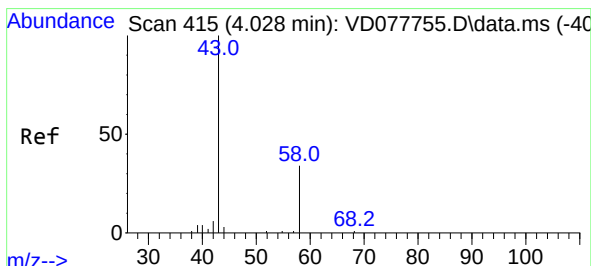
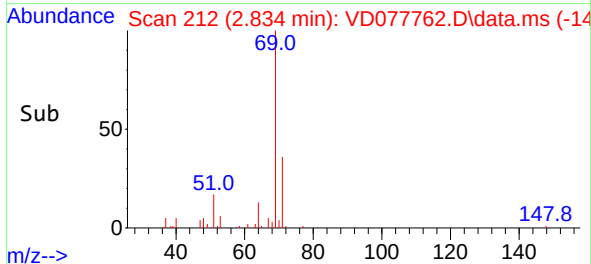
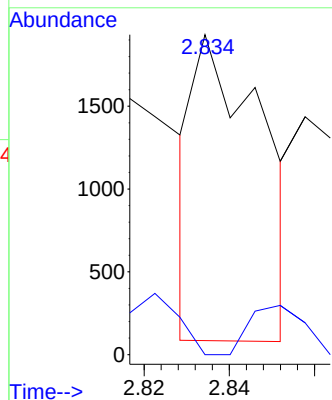
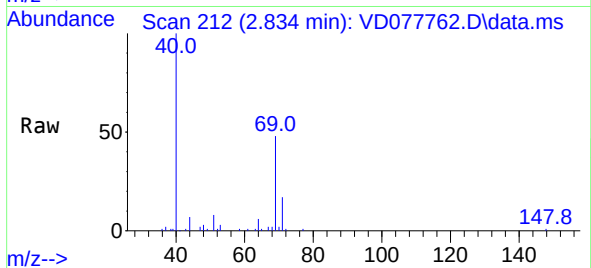




#8
Chloroethane
Concen: 0.574 ug/L
RT: 2.834 min Scan# 214
Delta R.T. -0.012 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

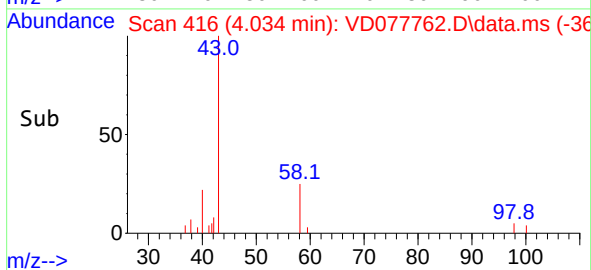
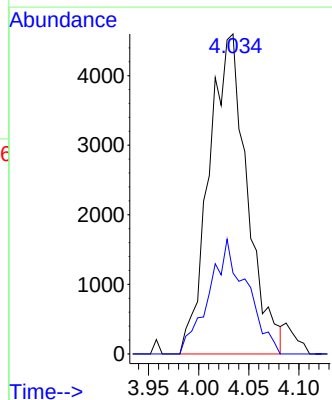
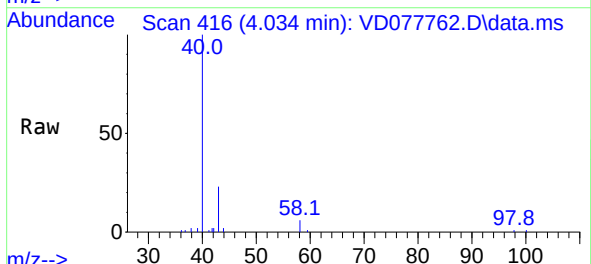
Instrument :
MSVOA_D
ClientSampleId :

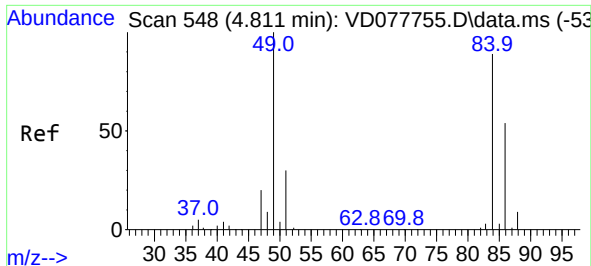
Tgt Ion: 64 Resp: 2049
Ion Ratio Lower Upper
64 100
66 0.0 22.0 41.0#



#13
Acetone
Concen: 13.748 ug/L
RT: 4.034 min Scan# 416
Delta R.T. 0.006 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

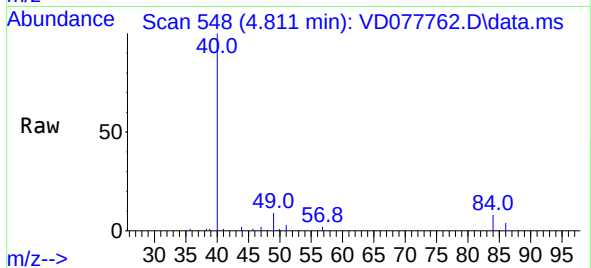
Tgt Ion: 43 Resp: 12159
Ion Ratio Lower Upper
43 100
58 25.5 0.0 67.2



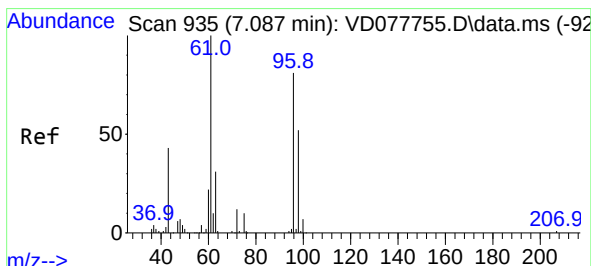
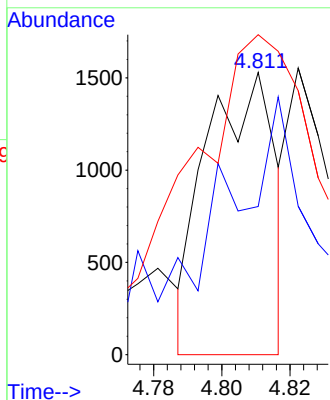
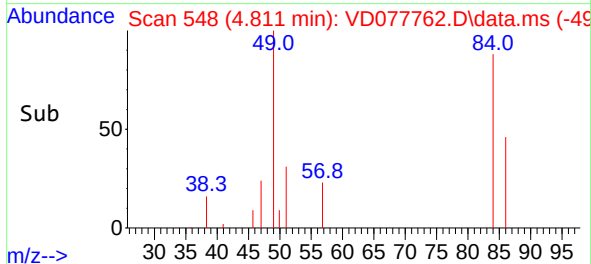


#16
Methylene chloride
Concen: 0.606 ug/L
RT: 4.811 min Scan# 54
Delta R.T. 0.000 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

Instrument :
MSVOA_D
ClientSampleId :

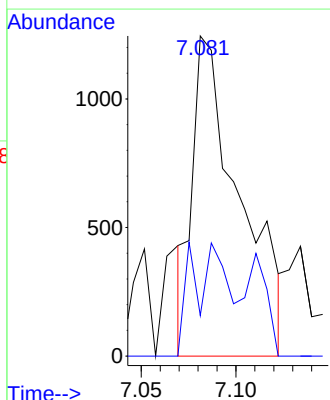
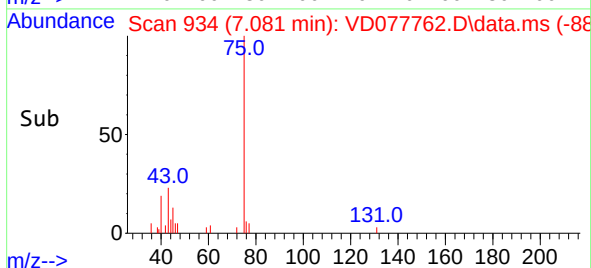
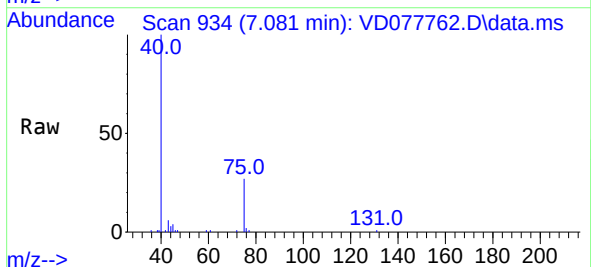


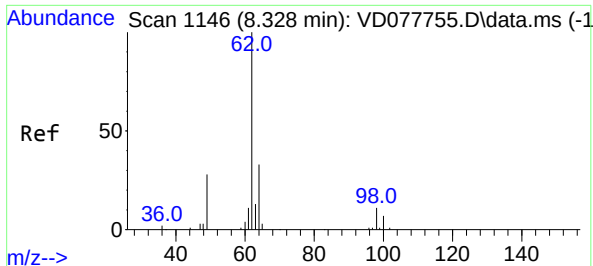
Tgt Ion: 84 Resp: 2154
Ion Ratio Lower Upper
84 100
86 52.5 40.1 74.5
49 113.4 83.2 154.6



#22
2-Butanone
Concen: 2.179 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

Tgt Ion: 43 Resp: 2169
Ion Ratio Lower Upper
43 100
72 16.1 7.2 21.6

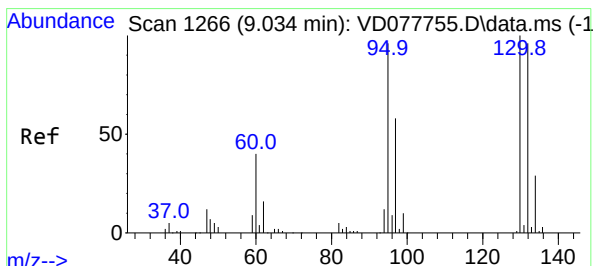
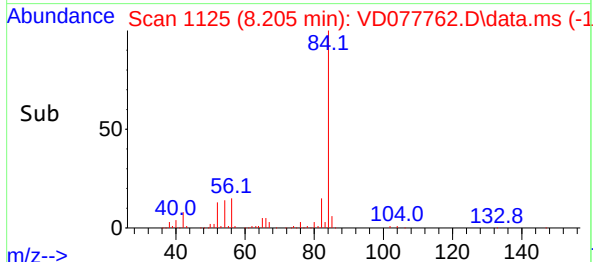
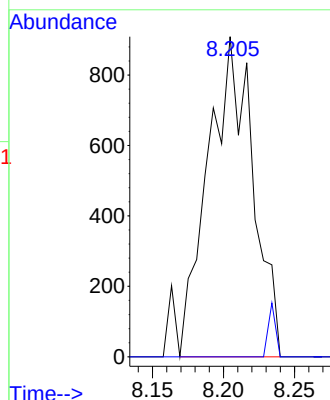
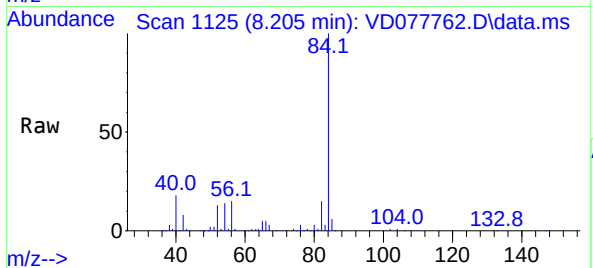




#27
1,2-Dichloroethane
Concen: 0.602 ug/L
RT: 8.205 min Scan# 1146
Delta R.T. -0.123 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

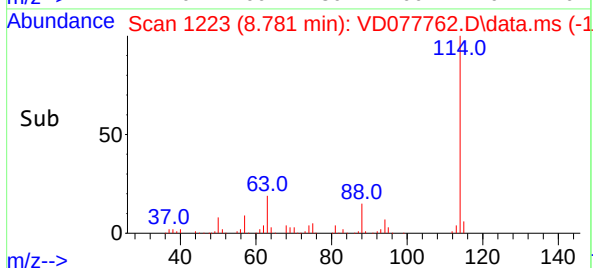
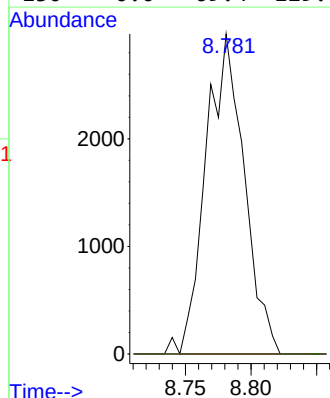
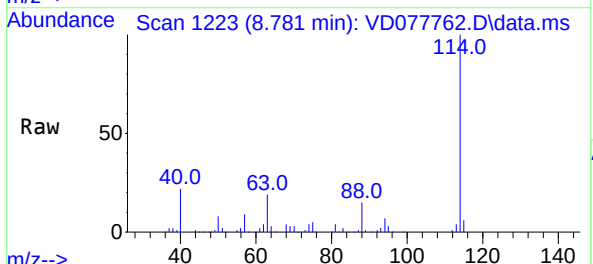
Instrument :
MSVOA_D
ClientSampleId :

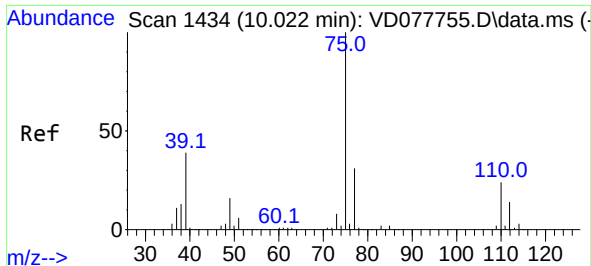
Tgt Ion: 62 Resp: 1984
Ion Ratio Lower Upper
62 100
98 0.0 8.4 12.6#



#34
Trichloroethene
Concen: 3.462 ug/L
RT: 8.781 min Scan# 1223
Delta R.T. -0.253 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

Tgt Ion: 95 Resp: 5994
Ion Ratio Lower Upper
95 100
97 0.0 44.2 82.0#
132 0.0 67.5 125.3#
130 0.0 69.4 129.0#





#39

cis-1,3-Dichloropropene

Concen: 0.987 ug/L

RT: 9.981 min Scan# 1434

Delta R.T. -0.041 min

Lab File: VD077762.D

Acq: 06 Dec 2023 15:28

Instrument :

MSVOA_D

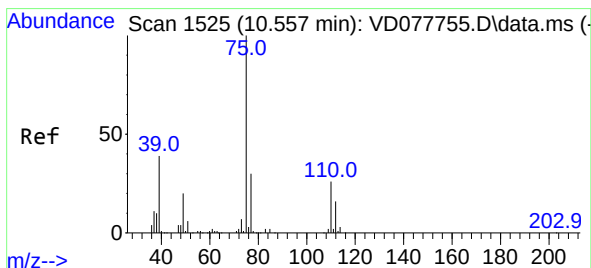
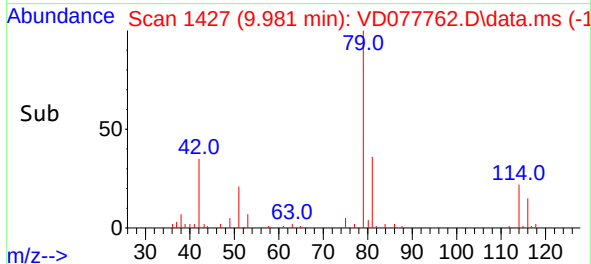
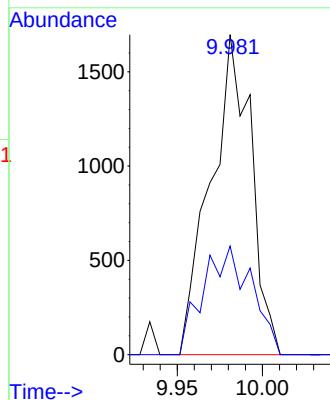
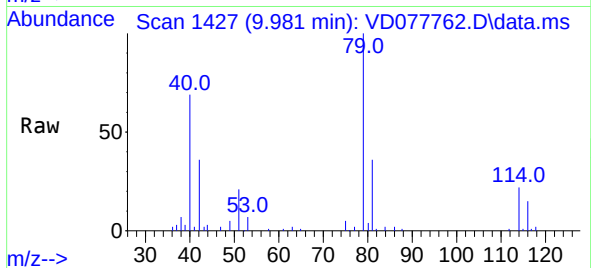
ClientSampleId :

Tgt Ion: 75 Resp: 2803

Ion Ratio Lower Upper

75 100

77 33.9 21.2 39.4



#44

trans-1,3-Dichloropropene

Concen: 0.606 ug/L

RT: 10.528 min Scan# 1520

Delta R.T. -0.029 min

Lab File: VD077762.D

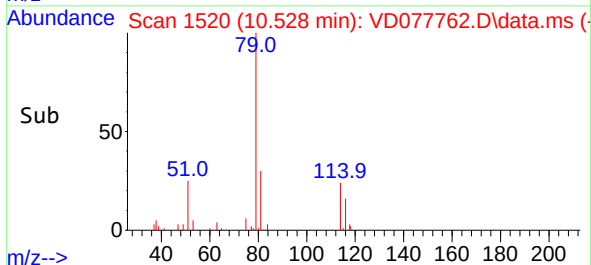
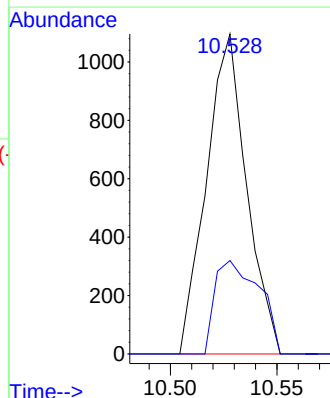
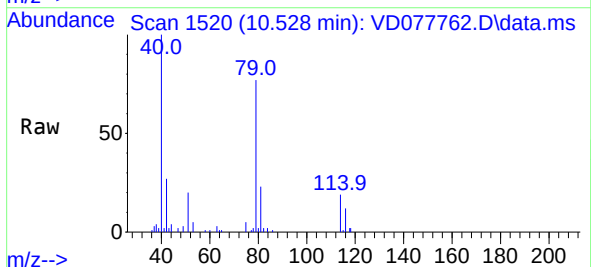
Acq: 06 Dec 2023 15:28

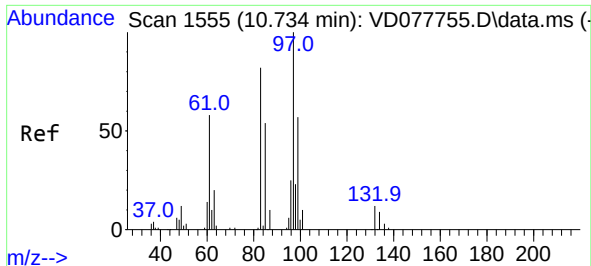
Tgt Ion: 75 Resp: 1437

Ion Ratio Lower Upper

75 100

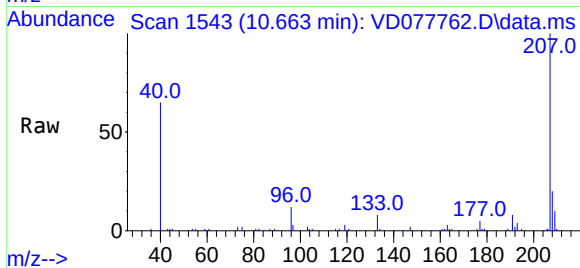
77 29.2 22.0 40.8





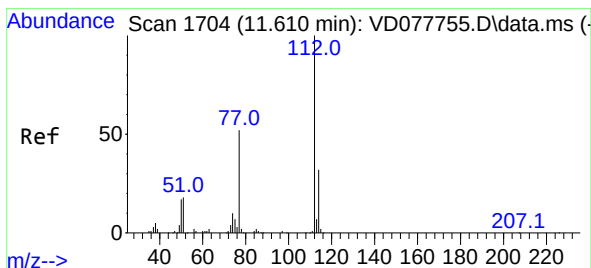
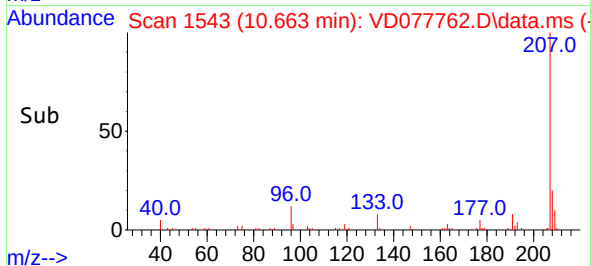
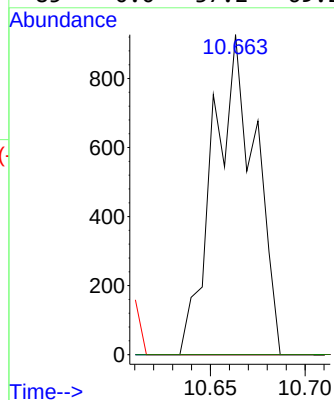
#45
1,1,2-Trichloroethane
Concen: 1.182 ug/L
RT: 10.663 min Scan# 11
Delta R.T. -0.071 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 1444

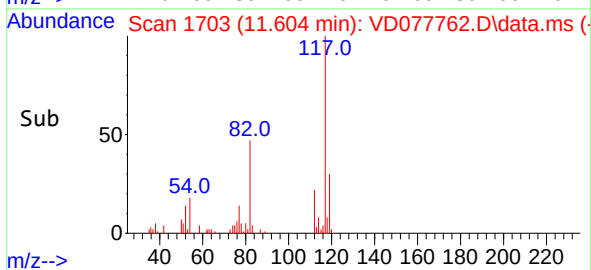
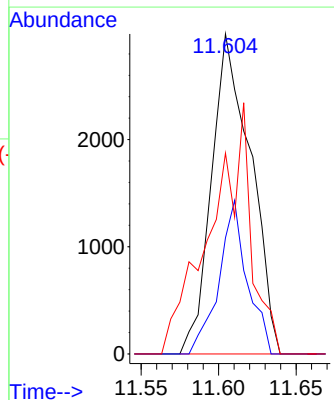
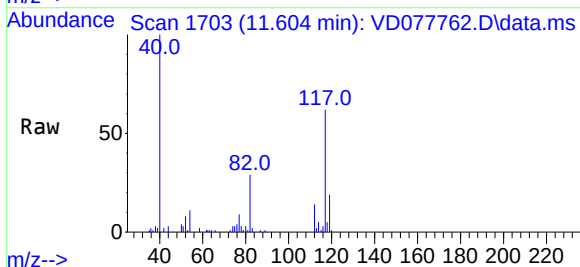
Ion	Ratio	Lower	Upper
97	100		
99	0.0	41.7	77.5#
83	0.0	63.6	118.2#
85	0.0	37.2	69.2#

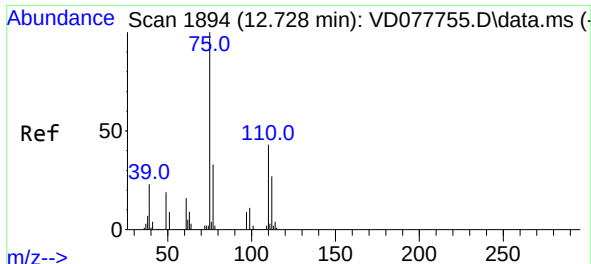


#51
Chlorobenzene
Concen: 1.141 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

Tgt Ion: 112 Resp: 5242

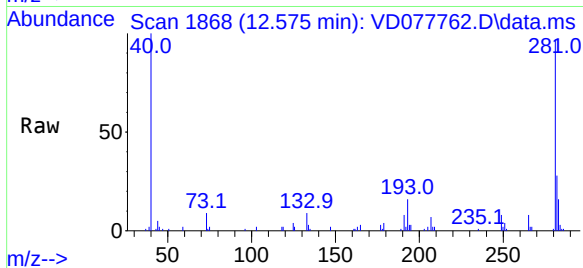
Ion	Ratio	Lower	Upper
112	100		
114	36.3	22.5	41.9
77	62.7	46.4	69.6



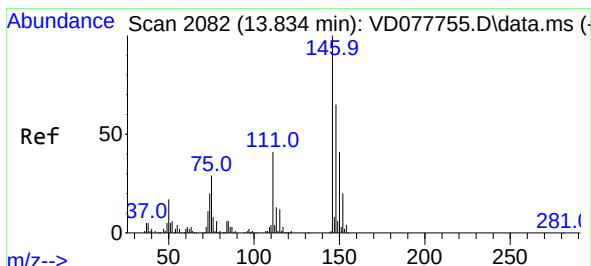
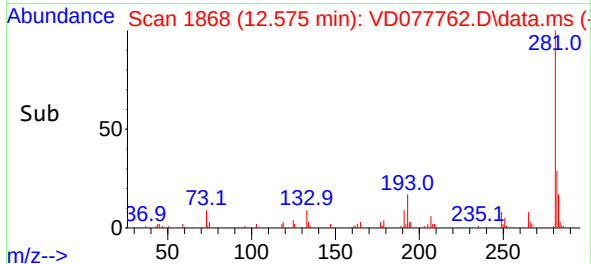
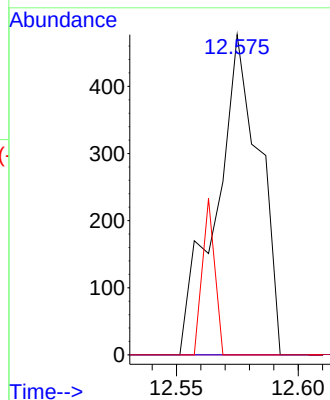


#61
1,2,3-Trichloropropane
Concen: 1.839 ug/L
RT: 12.575 min Scan# 11
Delta R.T. -0.153 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

Instrument :
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ClientSampleId :



Tgt Ion: 75 Resp: 588
Ion Ratio Lower Upper
75 100
77 12.6 26.8 40.2#
110 0.0 33.4 50.2#



#67
1,2-Dichlorobenzene
Concen: 0.383 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.300 min
Lab File: VD077762.D
Acq: 06 Dec 2023 15:28

Tgt Ion: 146 Resp: 387
Ion Ratio Lower Upper
146 100
111 0.0 31.4 47.2#
148 0.0 50.2 75.2#

