

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120623\
 Data File : VD077763.D
 Acq On : 06 Dec 2023 15:55
 Operator : JC/SY
 Sample : 05646-07
 Misc : 3.56G/10ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 07 00:33:14 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)

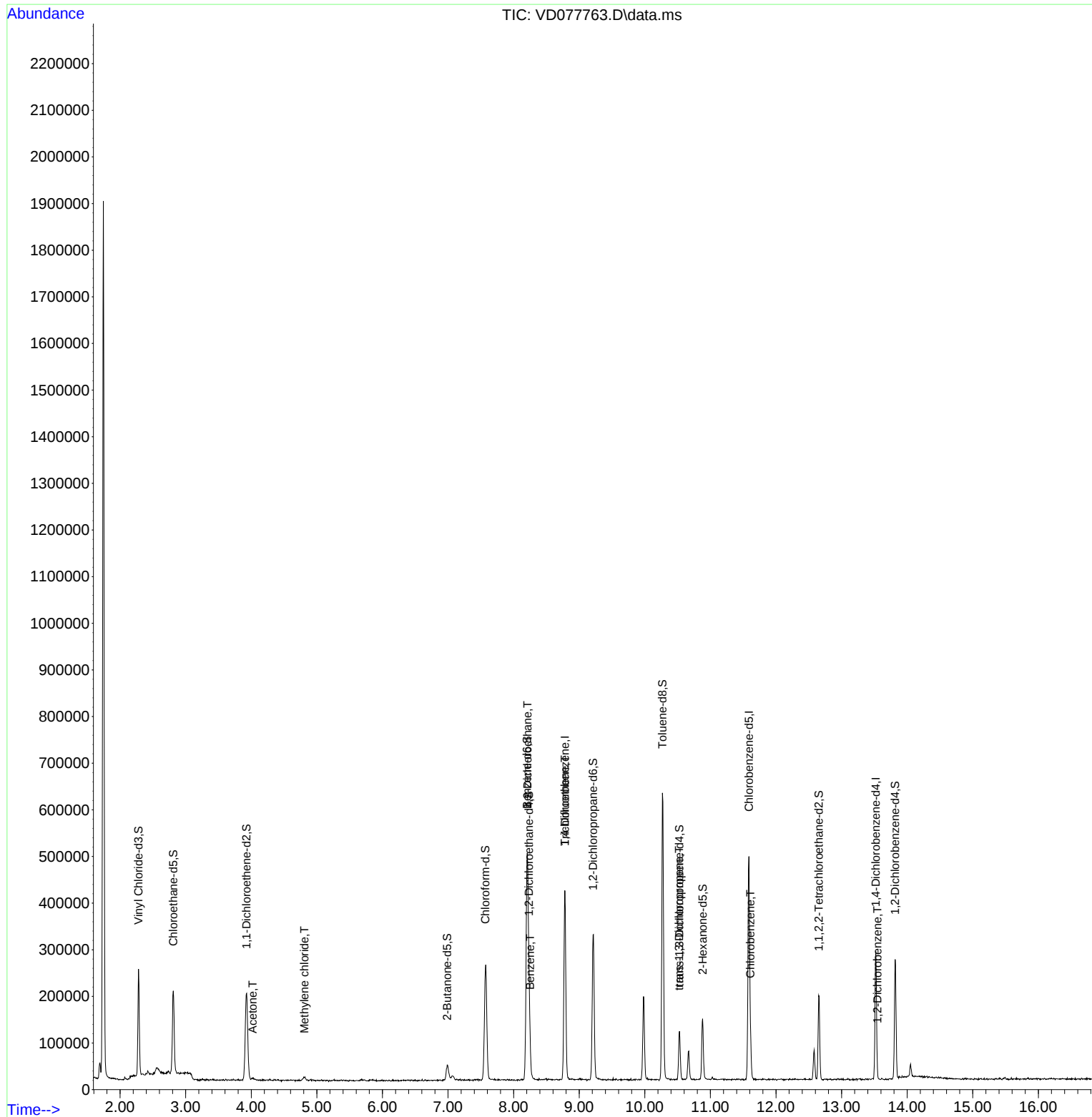
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	358620	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	278802	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	74416	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	206716	21.137	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.560%
7) Chloroethane-d5	2.811	69	191061	24.510	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.040%
11) 1,1-Dichloroethene-d2	3.928	65	55436	21.862	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.440%
21) 2-Butanone-d5	6.987	46	55825	45.165	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.340%
24) Chloroform-d	7.569	84	260881	26.991	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.960%
26) 1,2-Dichloroethane-d4	8.234	65	130404	26.629	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.520%
32) Benzene-d6	8.205	84	526423	31.351	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	125.400%
36) 1,2-Dichloropropane-d6	9.210	67	161895	31.600	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	126.400%#
41) Toluene-d8	10.269	98	432500	27.984	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.920%
43) trans-1,3-Dichloroprop...	10.528	79	60372	26.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.600%
47) 2-Hexanone-d5	10.881	63	48525	54.965	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.940%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94515	25.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	71035	26.683	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.720%
Target Compounds						
					Qvalue	
13) Acetone	4.022	43	3954	2.497	ug/L	77
16) Methylene chloride	4.811	84	5258	0.826	ug/L	88
27) 1,2-Dichloroethane	8.210	62	3183	0.539	ug/L	95
33) Benzene	8.252	78	5502	0.303	ug/L	100
34) Trichloroethene	8.781	95	10193	2.263	ug/L #	5
44) trans-1,3-Dichloropropene	10.522	75	2723	0.441	ug/L #	81
51) Chlorobenzene	11.610	112	41728	3.491	ug/L	99
67) 1,2-Dichlorobenzene	13.545	146	1570	0.363	ug/L #	84

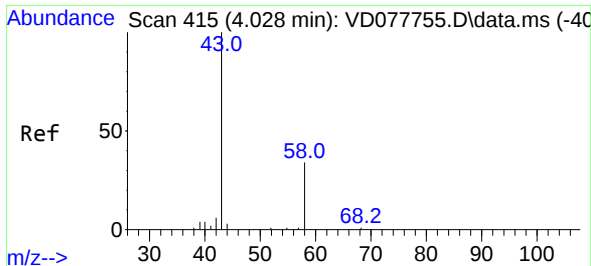
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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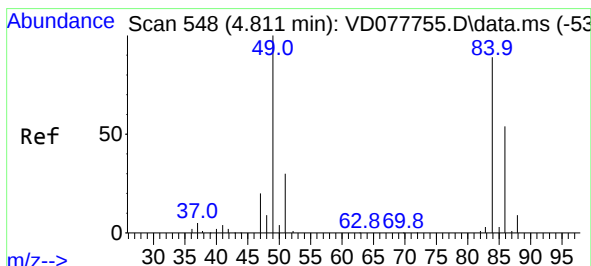
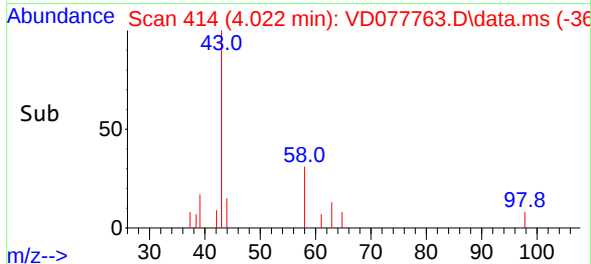
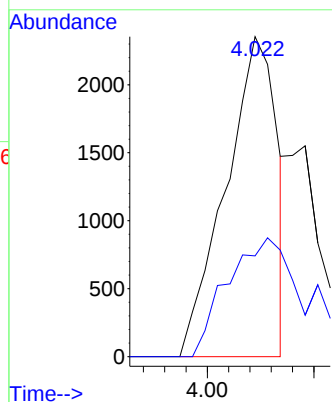
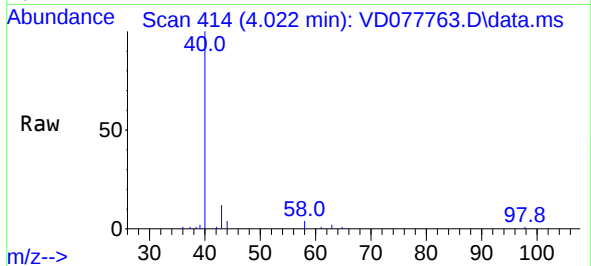




#13
Acetone
Concen: 2.497 ug/L
RT: 4.022 min Scan# 415
Delta R.T. -0.006 min
Lab File: VD077763.D
Acq: 06 Dec 2023 15:55

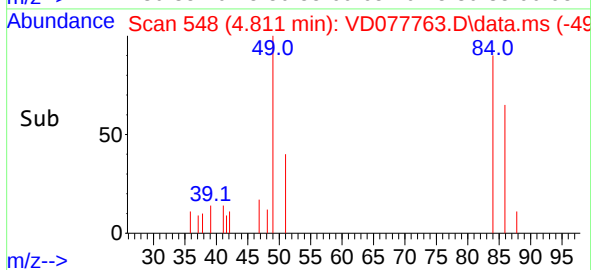
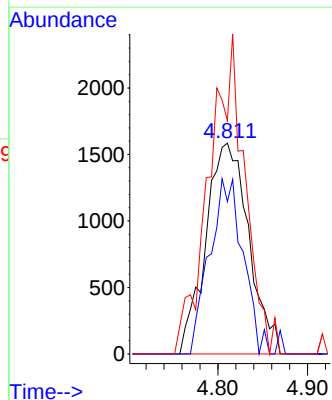
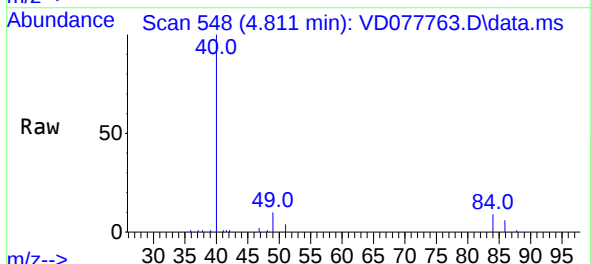
Instrument :
MSVOA_D
ClientSampleId :

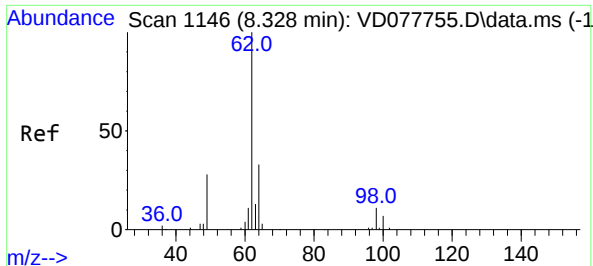
Tgt Ion: 43 Resp: 3954
Ion Ratio Lower Upper
43 100
58 47.0 0.0 67.2



#16
Methylene chloride
Concen: 0.826 ug/L
RT: 4.811 min Scan# 548
Delta R.T. 0.000 min
Lab File: VD077763.D
Acq: 06 Dec 2023 15:55

Tgt Ion: 84 Resp: 5258
Ion Ratio Lower Upper
84 100
86 72.2 40.1 74.5
49 110.6 83.2 154.6

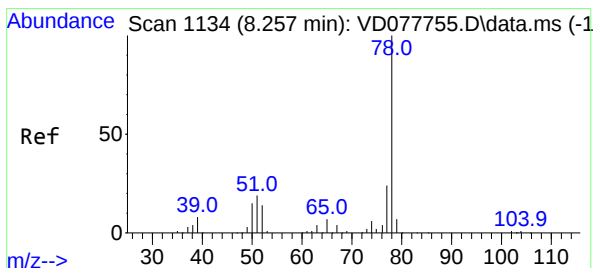
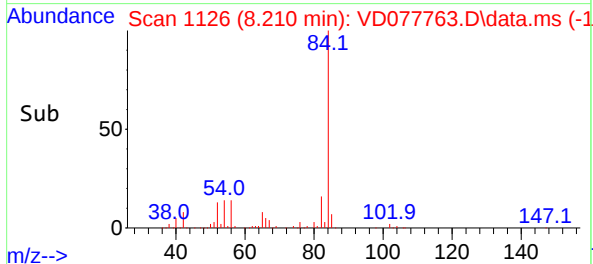
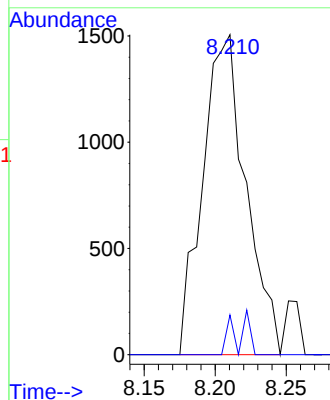
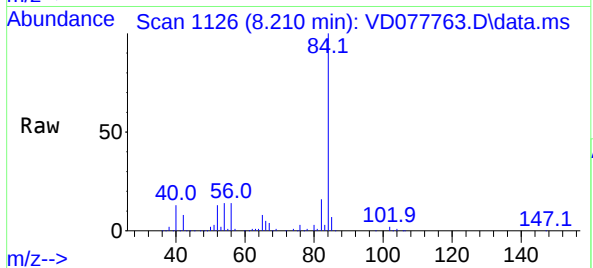




#27
1,2-Dichloroethane
Concen: 0.539 ug/L
RT: 8.210 min Scan# 1146
Delta R.T. -0.118 min
Lab File: VD077763.D
Acq: 06 Dec 2023 15:55

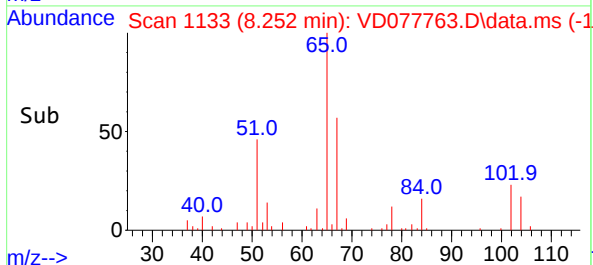
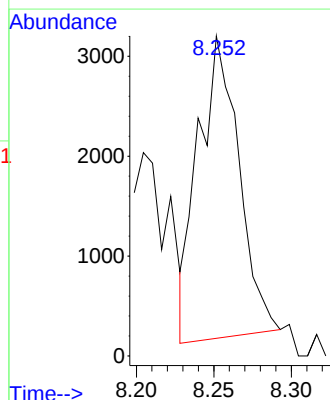
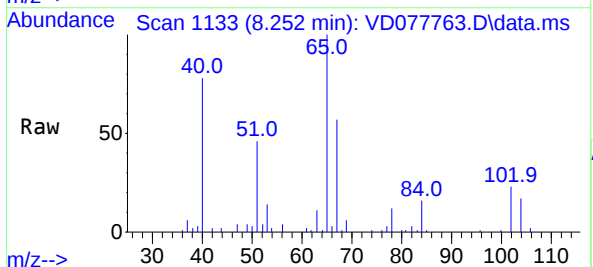
Instrument :
MSVOA_D
ClientSampleId :

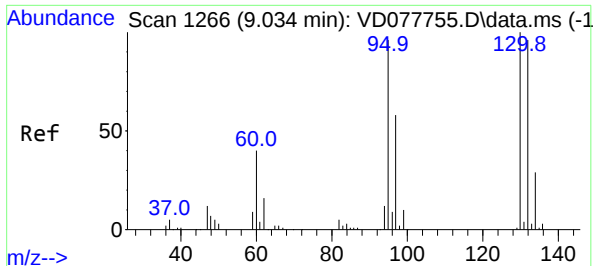
Tgt Ion: 62 Resp: 3183
Ion Ratio Lower Upper
62 100
98 12.4 8.4 12.6



#33
Benzene
Concen: 0.303 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077763.D
Acq: 06 Dec 2023 15:55

Tgt Ion: 78 Resp: 5502



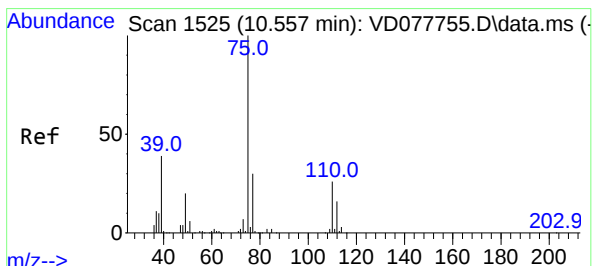
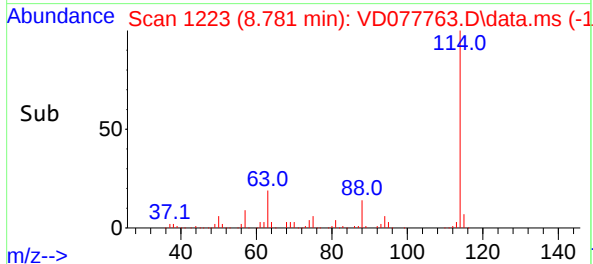
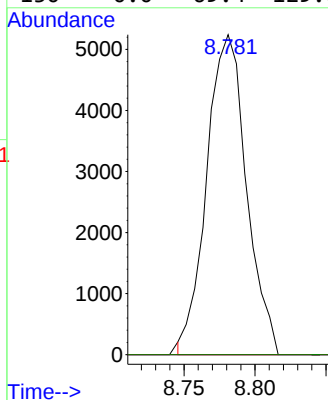
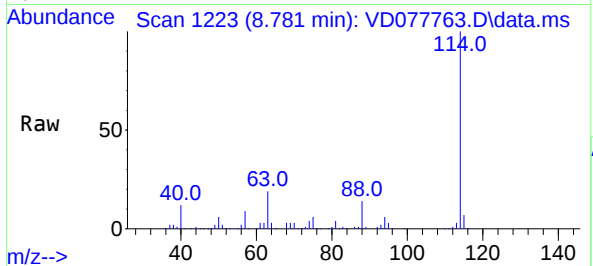


#34
 Trichloroethene
 Concen: 2.263 ug/L
 RT: 8.781 min Scan# 11
 Delta R.T. -0.253 min
 Lab File: VD077763.D
 Acq: 06 Dec 2023 15:55

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 95 Resp: 10193

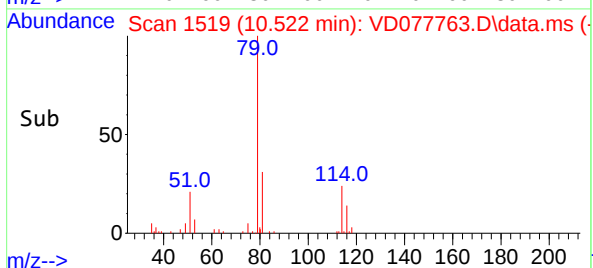
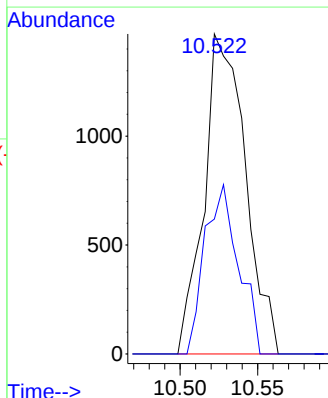
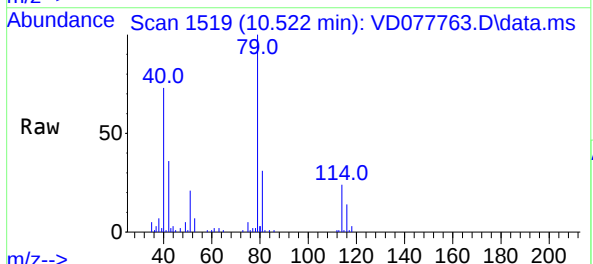
Ion	Ratio	Lower	Upper
95	100		
97	0.0	44.2	82.0#
132	0.0	67.5	125.3#
130	0.0	69.4	129.0#

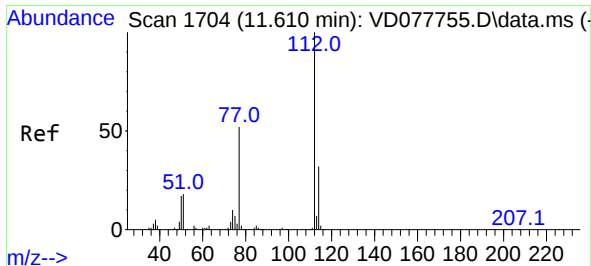


#44
 trans-1,3-Dichloropropene
 Concen: 0.441 ug/L
 RT: 10.522 min Scan# 1519
 Delta R.T. -0.035 min
 Lab File: VD077763.D
 Acq: 06 Dec 2023 15:55

Tgt Ion: 75 Resp: 2723

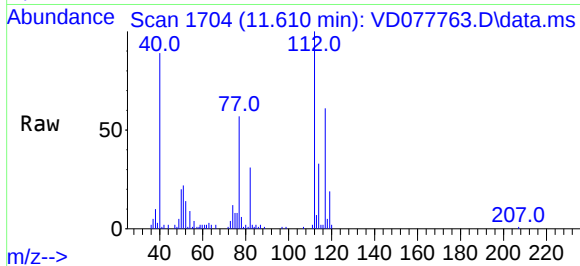
Ion	Ratio	Lower	Upper
75	100		
77	42.1	22.0	40.8#



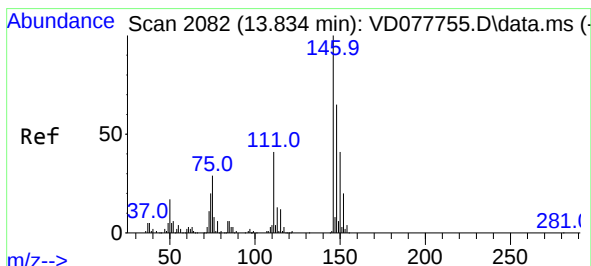
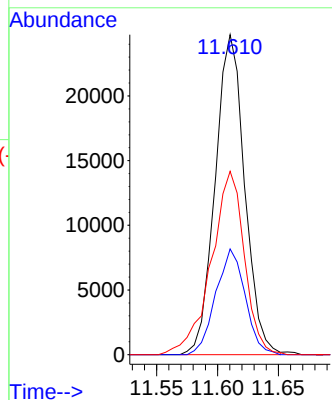
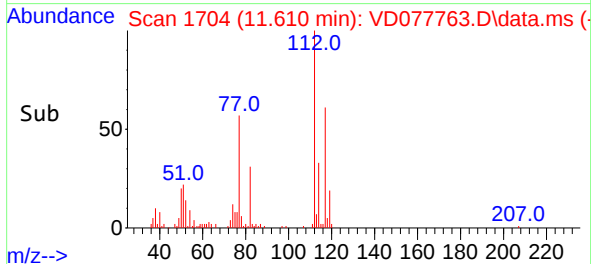


#51
Chlorobenzene
Concen: 3.491 ug/L
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077763.D
Acq: 06 Dec 2023 15:55

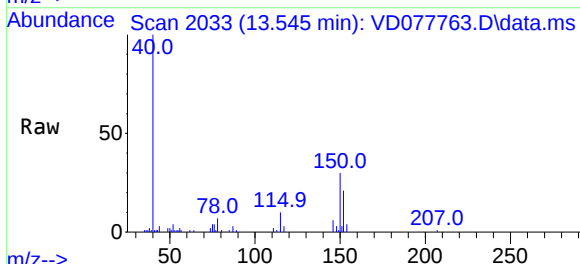
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	112	Resp:	41728
Ion Ratio	Lower	Upper	
112	100		
114	33.0	22.5	41.9
77	57.3	46.4	69.6



#67
1,2-Dichlorobenzene
Concen: 0.363 ug/L
RT: 13.545 min Scan# 2033
Delta R.T. -0.288 min
Lab File: VD077763.D
Acq: 06 Dec 2023 15:55



Tgt Ion:	146	Resp:	1570
Ion Ratio	Lower	Upper	
146	100		
111	29.6	31.4	47.2#
148	50.0	50.2	75.2#

