

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077779.D
 Acq On : 07 Dec 2023 17:05
 Operator : JC/SY
 Sample : VIBLK
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 00:34:15 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)

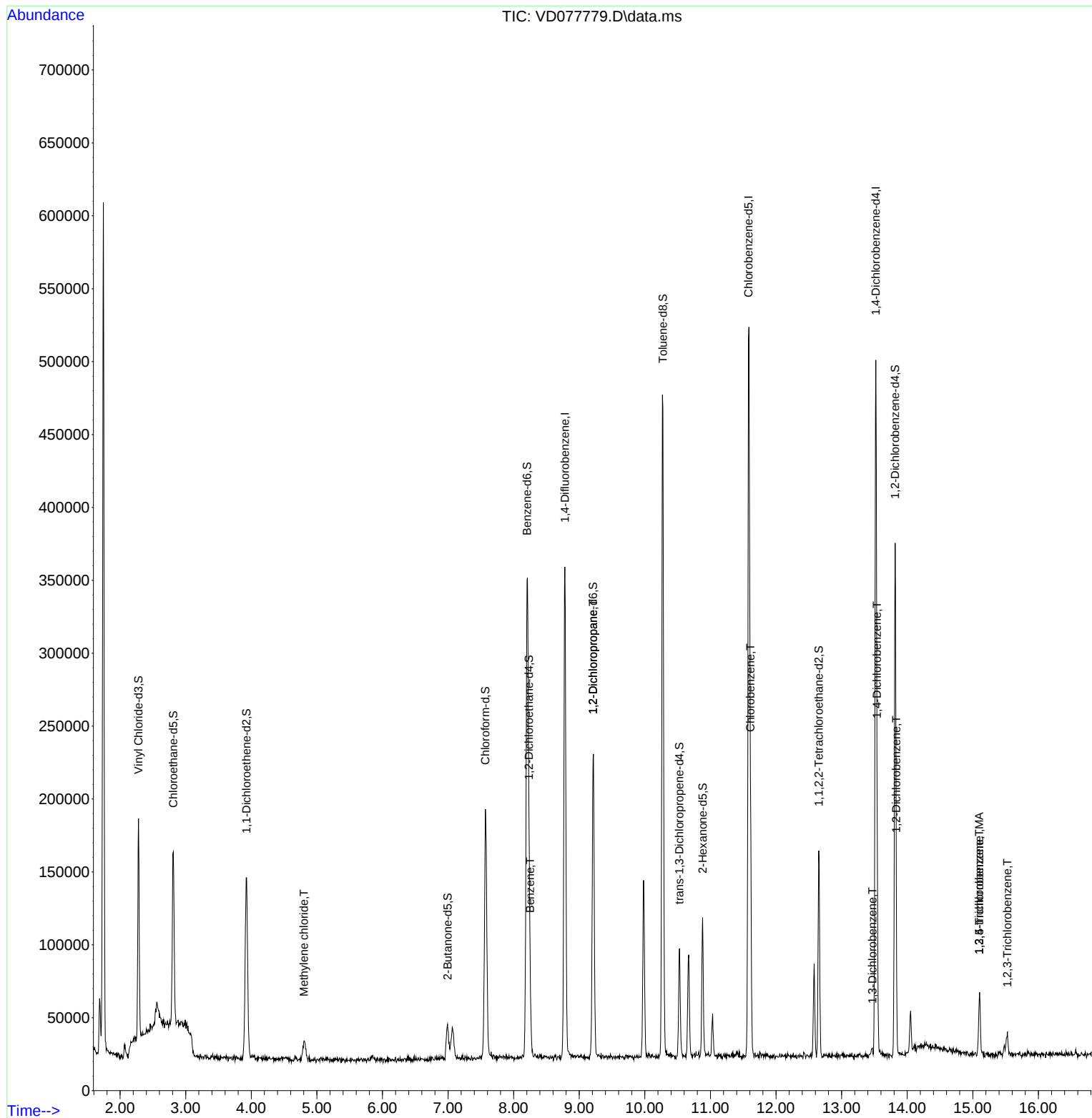
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	304031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	286834	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	124712	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	139508	16.826	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.320%		
7) Chloroethane-d5	2.811	69	129442	19.587	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	78.360%		
11) 1,1-Dichloroethene-d2	3.928	65	36816	17.126	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.520%		
21) 2-Butanone-d5	6.993	46	38503	36.744	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	73.480%		
24) Chloroform-d	7.569	84	171221	20.895	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	83.600%		
26) 1,2-Dichloroethane-d4	8.234	65	86019	20.719	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	82.880%		
32) Benzene-d6	8.204	84	356792	20.654	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	82.600%		
36) 1,2-Dichloropropane-d6	9.210	67	108476	20.580	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.320%		
41) Toluene-d8	10.275	98	320732	20.171	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.680%		
43) trans-1,3-Dichloroprop...	10.528	79	42204	18.107	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	72.440%		
47) 2-Hexanone-d5	10.881	63	33111	36.455	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	72.920%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	71719	18.829	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.320%		
66) 1,2-Dichlorobenzene-d4	13.816	152	98188	22.008	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.040%		
Target Compounds						Qvalue
16) Methylene chloride	4.805	84	5459	1.011	ug/L #	76
33) Benzene	8.252	78	7869	0.421	ug/L	100
37) 1,2-Dichloropropane	9.210	63	11381	2.338	ug/L #	87
51) Chlorobenzene	11.610	112	88770	7.219	ug/L	97
64) 1,3-Dichlorobenzene	13.469	146	3226	0.401	ug/L	88
65) 1,4-Dichlorobenzene	13.539	146	44168	5.287	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	4107	0.567	ug/L #	84
69) 1,3,5-Trichlorobenzene	15.098	180	15568	2.840	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	15568	3.345	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	6158	1.509	ug/L	99

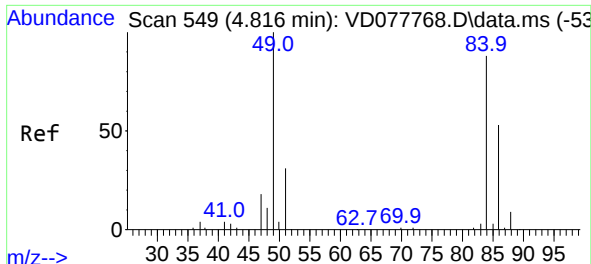
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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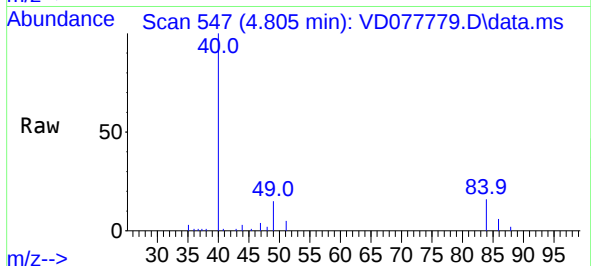
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Dec 06 00:24:24 2023
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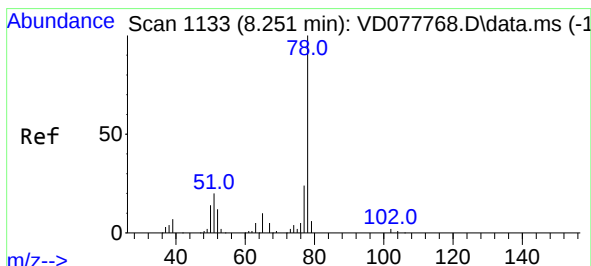
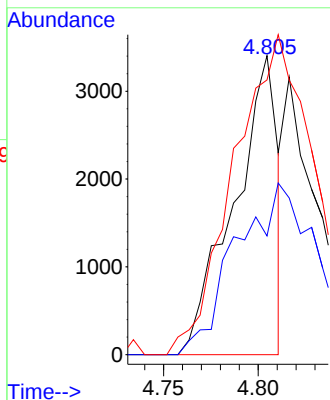
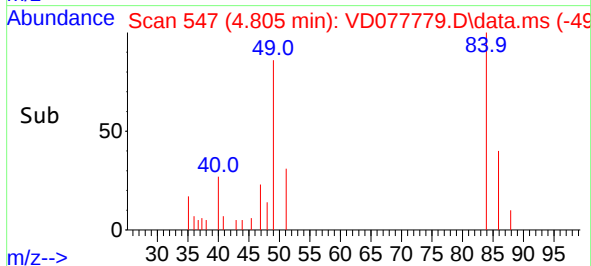


#16
Methylene chloride
Concen: 1.011 ug/L
RT: 4.805 min Scan# 549
Delta R.T. -0.006 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

Instrument :
MSVOA_D
ClientSampleId :

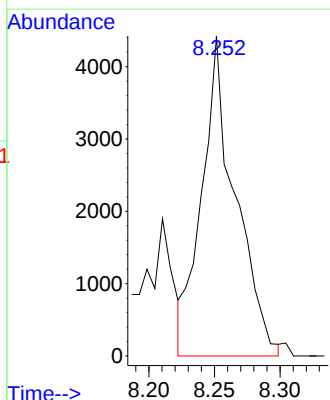
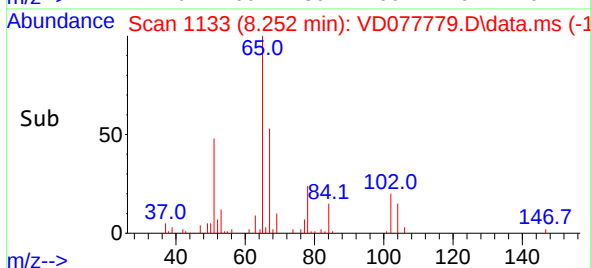
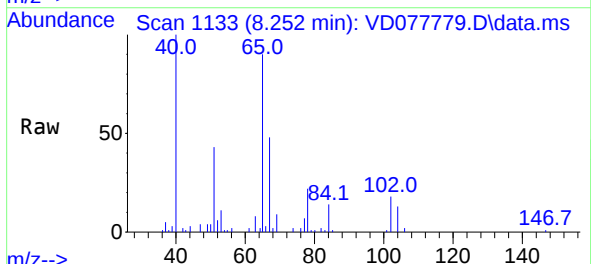


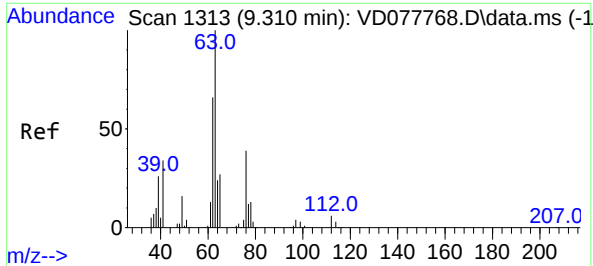
Tgt Ion: 84 Resp: 5459
Ion Ratio Lower Upper
84 100
86 39.7 40.1 74.5#
49 91.8 83.2 154.6



#33
Benzene
Concen: 0.421 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

Tgt Ion: 78 Resp: 7869

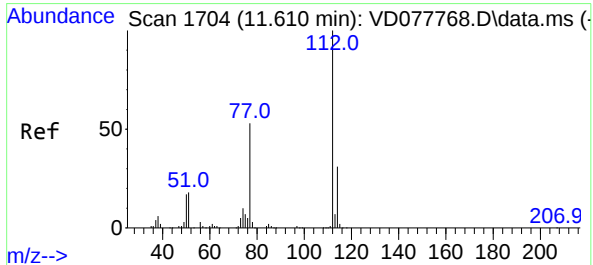
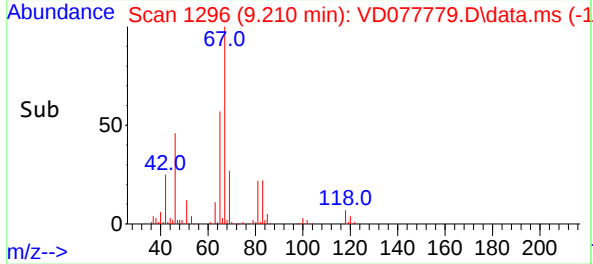
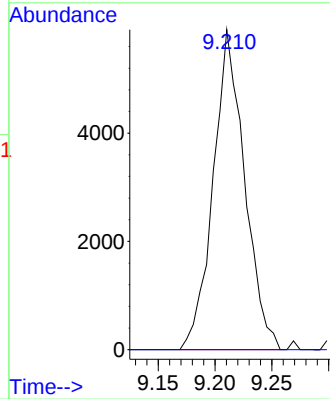
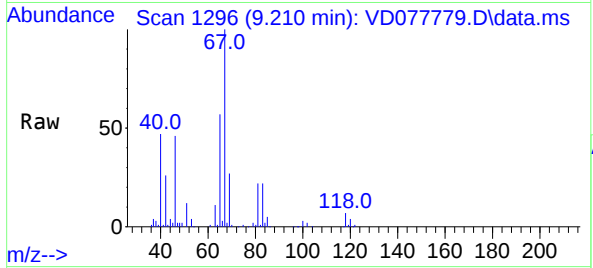




#37
1,2-Dichloropropane
Concen: 2.338 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

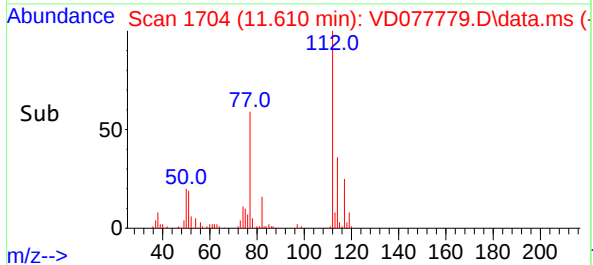
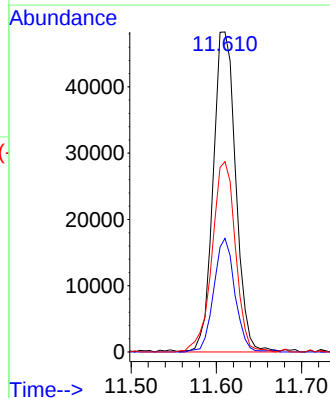
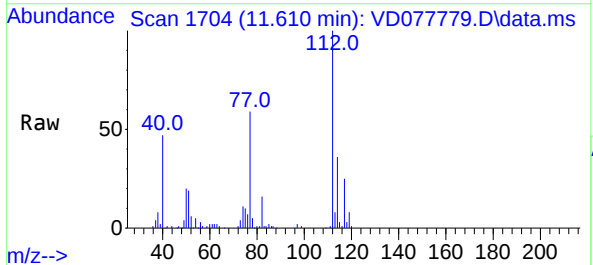
Instrument :
MSVOA_D
ClientSampleId :

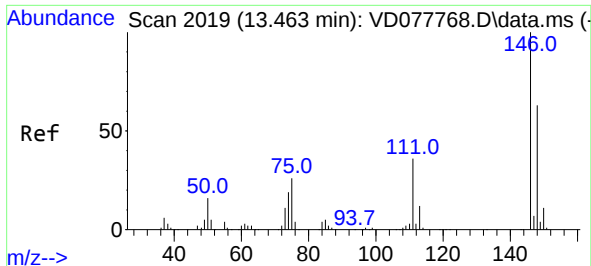
Tgt Ion: 63 Resp: 11381
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#51
Chlorobenzene
Concen: 7.219 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

Tgt Ion: 112 Resp: 88770
Ion Ratio Lower Upper
112 100
114 35.5 22.5 41.9
77 59.5 46.4 69.6

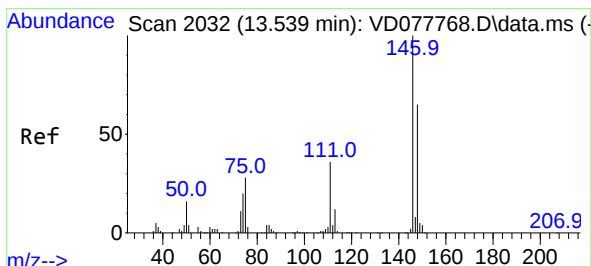
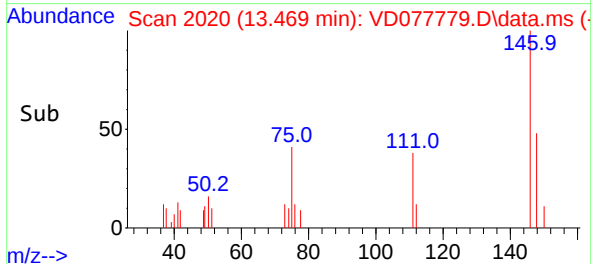
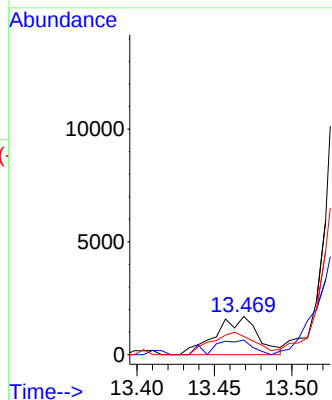
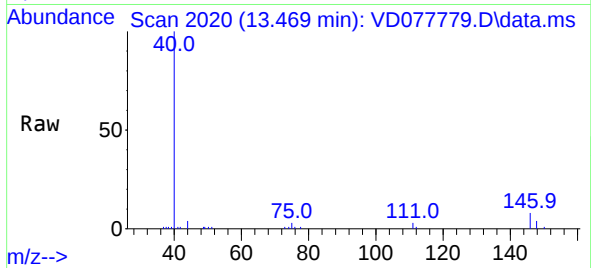




#64
1,3-Dichlorobenzene
Concen: 0.401 ug/L
RT: 13.469 min Scan# 2019
Delta R.T. 0.006 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

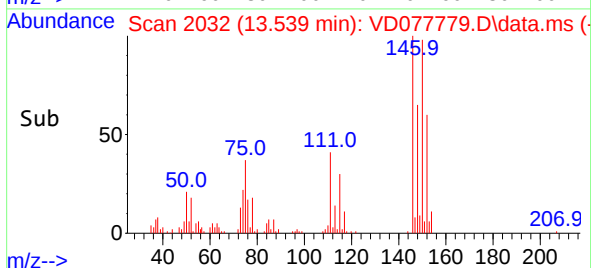
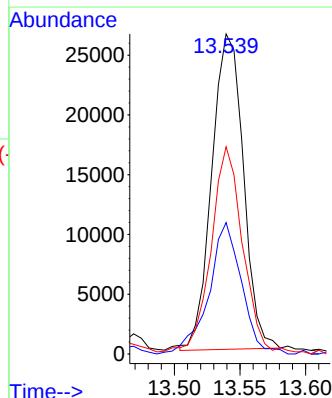
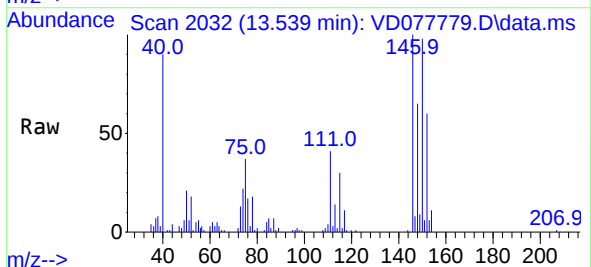
Instrument :
MSVOA_D
ClientSampleId :

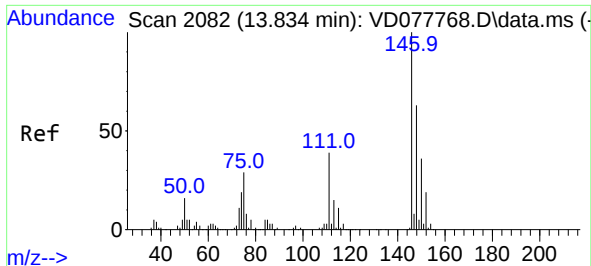
Tgt Ion:146 Resp: 3226
Ion Ratio Lower Upper
146 100
111 38.4 26.6 49.4
148 47.9 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 5.287 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

Tgt Ion:146 Resp: 44168
Ion Ratio Lower Upper
146 100
111 41.1 26.4 49.0
148 64.7 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 0.567 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

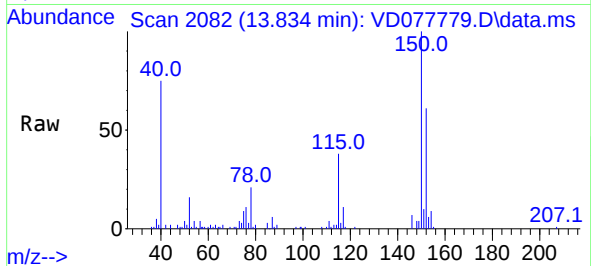
Lab File: VD077779.D

Acq: 07 Dec 2023 17:05

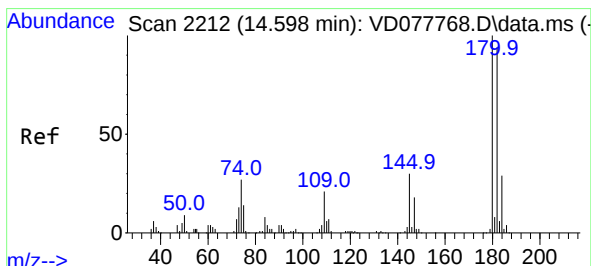
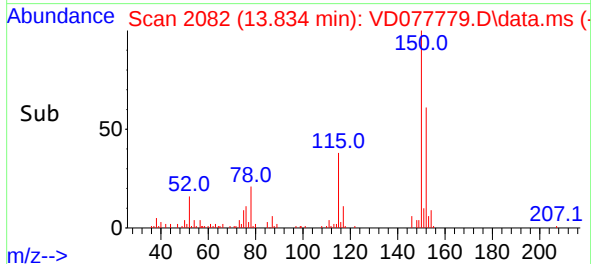
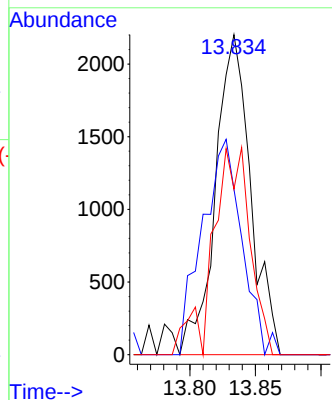
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	146	Resp:	4107
Ion	Ratio	Lower	Upper
146	100		
111	51.7	31.4	47.2#
148	51.8	50.2	75.2



#69

1,3,5-Trichlorobenzene

Concen: 2.840 ug/L

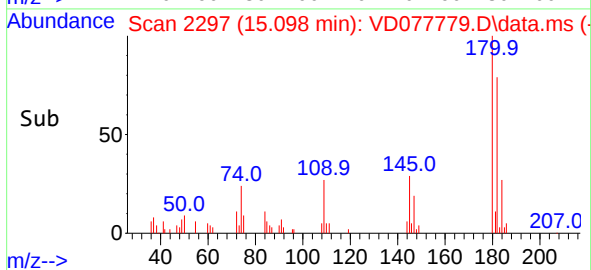
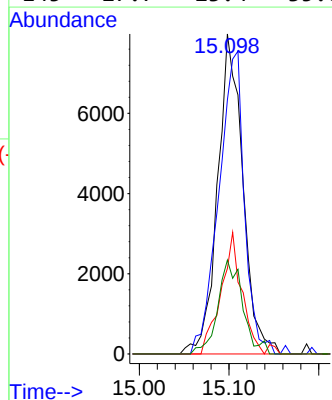
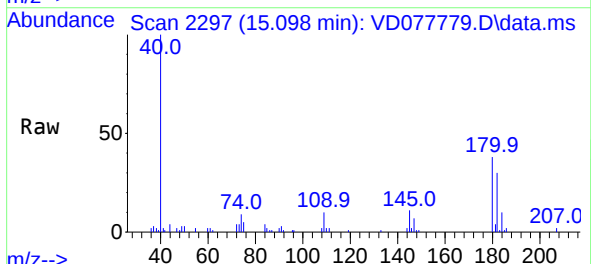
RT: 15.098 min Scan# 2297

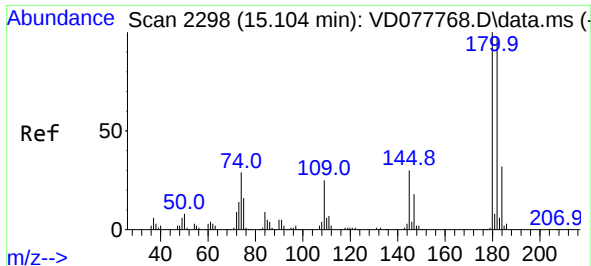
Delta R.T. 0.500 min

Lab File: VD077779.D

Acq: 07 Dec 2023 17:05

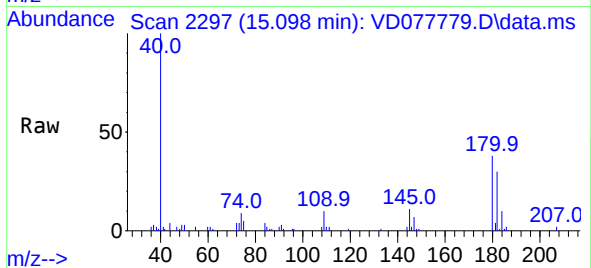
Tgt Ion:	180	Resp:	15568
Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.0	115.4
184	31.4	24.3	36.5
145	27.7	23.4	35.0



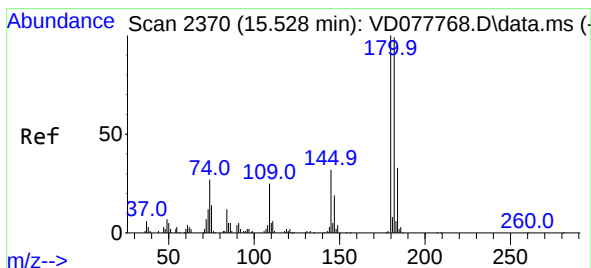
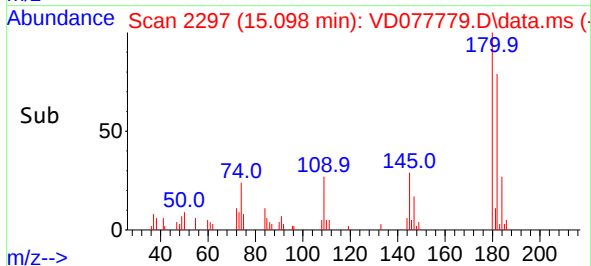
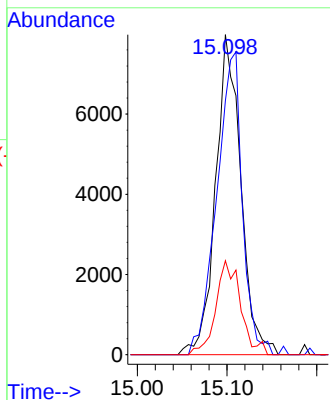


#70
1,2,4-trichlorobenzene
Concen: 3.345 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:180 Resp: 15568
Ion Ratio Lower Upper
180 100
182 95.3 77.0 115.6
145 27.7 23.9 35.9



#72
1,2,3-Trichlorobenzene
Concen: 1.509 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD077779.D
Acq: 07 Dec 2023 17:05

Tgt Ion:180 Resp: 6158
Ion Ratio Lower Upper
180 100
182 97.0 77.3 115.9
145 33.8 25.2 37.8

