

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077557.D
 Acq On : 14 Nov 2023 11:36
 Operator : JC/SY
 Sample : 05296-07
 Misc : 5.41G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 16 02:27:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

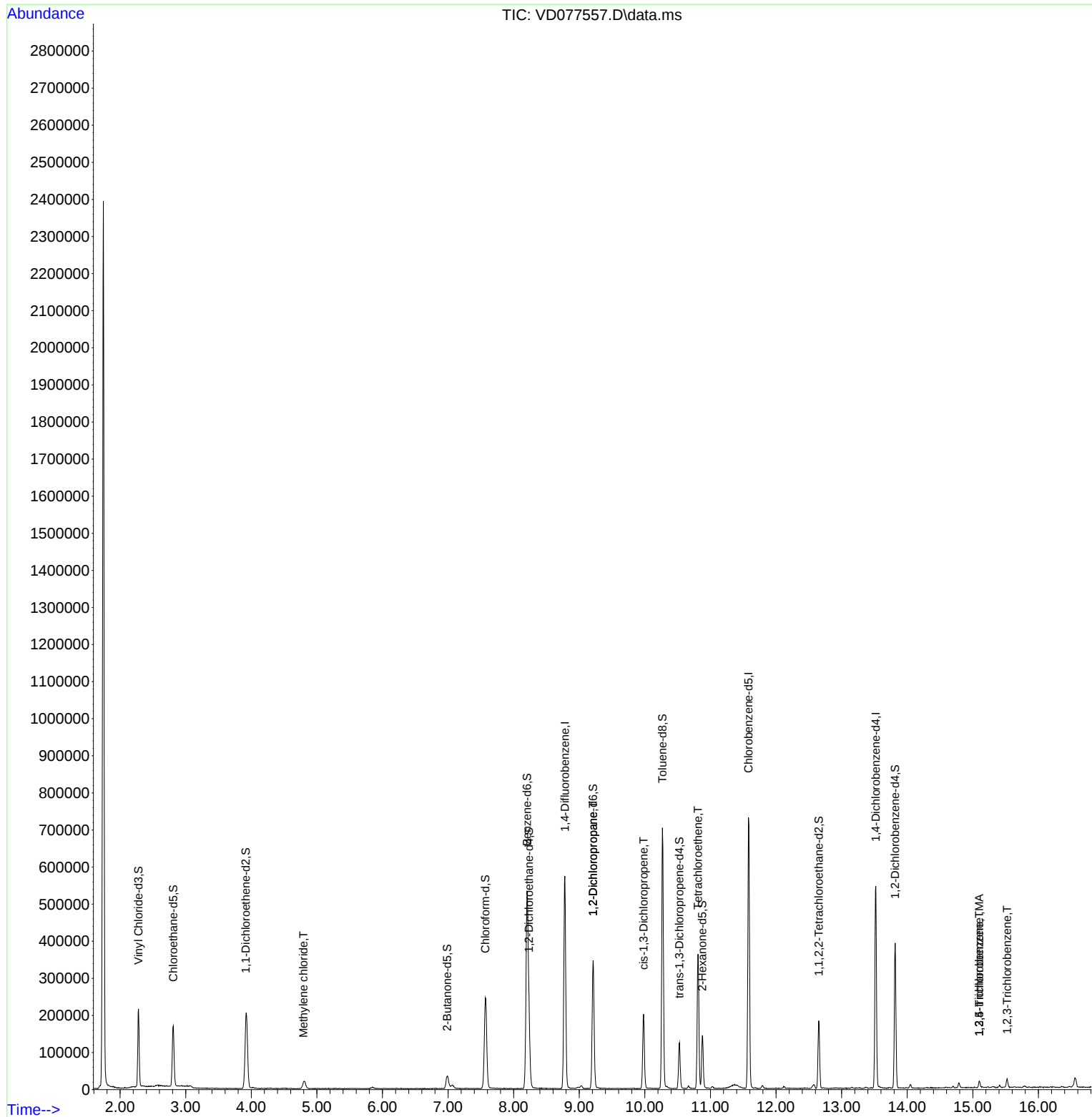
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	471219	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	395041	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	139814	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	197046	16.438	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	65.760%		
7) Chloroethane-d5	2.811	69	169810	18.033	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.120%		
11) 1,1-Dichloroethene-d2	3.916	65	64484	17.397	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	69.600%		
21) 2-Butanone-d5	6.987	46	63869	30.775	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	61.540%		
24) Chloroform-d	7.569	84	253121	18.595	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	74.360%		
26) 1,2-Dichloroethane-d4	8.234	65	136493	18.851	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	75.400%		
32) Benzene-d6	8.204	84	534269	20.838	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	83.360%		
36) 1,2-Dichloropropane-d6	9.210	67	171773	20.568	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	82.280%		
41) Toluene-d8	10.269	98	467166	20.164	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	80.640%		
43) trans-1,3-Dichloroprop...	10.528	79	69417	19.278	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	77.120%		
47) 2-Hexanone-d5	10.875	63	50971	34.117	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	68.240%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94671	17.109	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	68.440%		
66) 1,2-Dichlorobenzene-d4	13.816	152	97936	19.690	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.760%		
Target Compounds						Qvalue
16) Methylene chloride	4.793	84	4342	0.546	ug/L	89
37) 1,2-Dichloropropane	9.210	63	18350	2.410	ug/L #	88
39) cis-1,3-Dichloropropene	9.981	75	5372	0.459	ug/L #	78
46) Tetrachloroethene	10.810	164	80324	16.082	ug/L	96
69) 1,3,5-Trichlorobenzene	15.098	180	5380	0.852	ug/L	93
70) 1,2,4-trichlorobenzene	15.098	180	5380	1.010	ug/L	94
72) 1,2,3-Trichlorobenzene	15.522	180	5675	1.250	ug/L	97

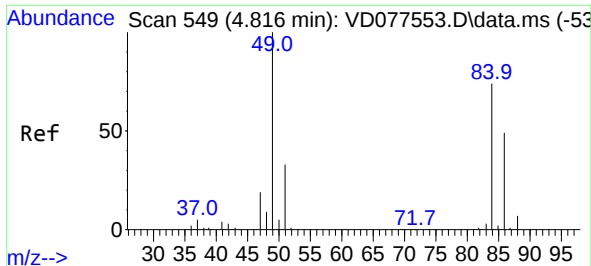
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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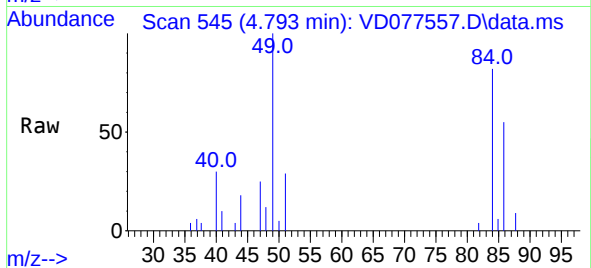
Quant Time: Nov 16 02:27:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
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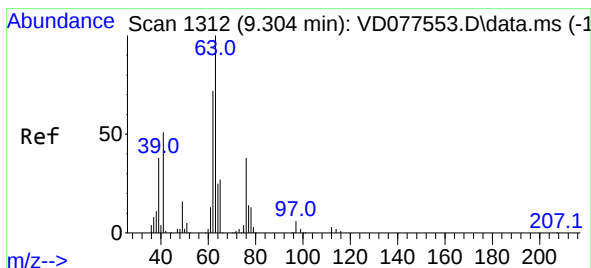
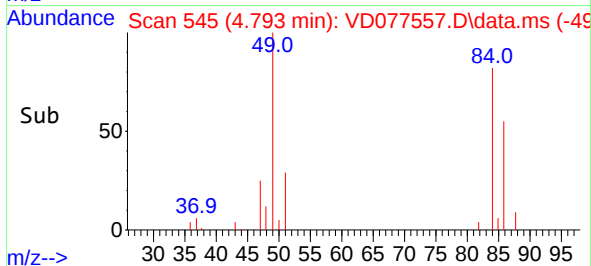
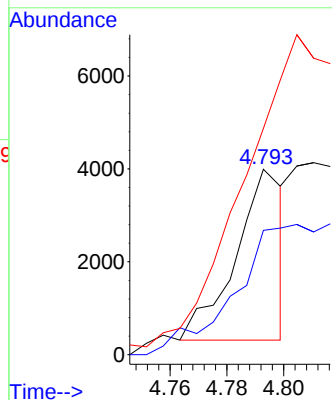
#16
Methylene chloride
Concen: 0.546 ug/L
RT: 4.793 min Scan# 549
Delta R.T. -0.012 min
Lab File: VD077557.D
Acq: 14 Nov 2023 11:36

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 4342

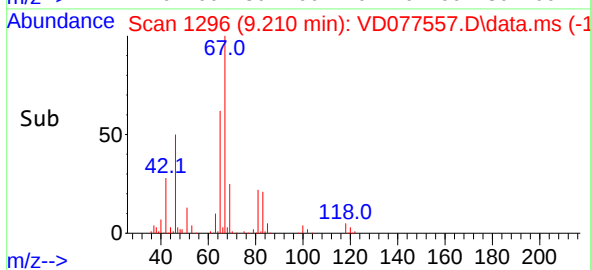
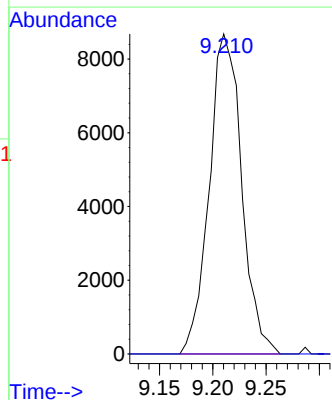
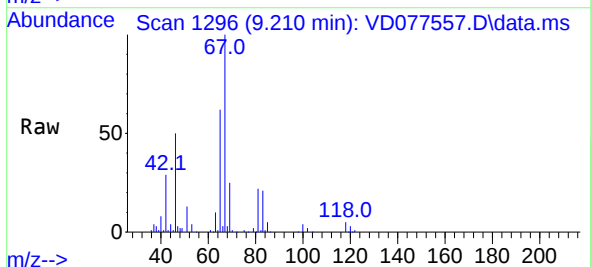
Ion	Ratio	Lower	Upper
84	100		
86	67.1	46.5	86.5
49	122.0	98.3	182.7

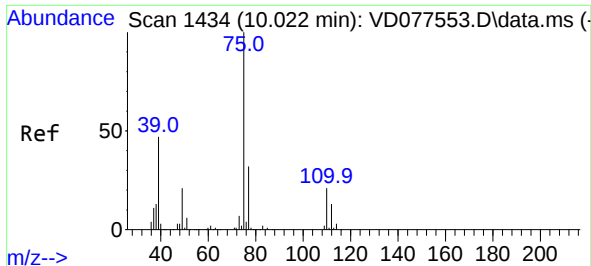


#37
1,2-Dichloropropane
Concen: 2.410 ug/L
RT: 9.210 min Scan# 1296
Delta R.T. -0.094 min
Lab File: VD077557.D
Acq: 14 Nov 2023 11:36

Tgt Ion: 63 Resp: 18350

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.2	4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.459 ug/L

RT: 9.981 min Scan# 1434

Delta R.T. -0.035 min

Lab File: VD077557.D

Acq: 14 Nov 2023 11:36

Instrument :

MSVOA_D

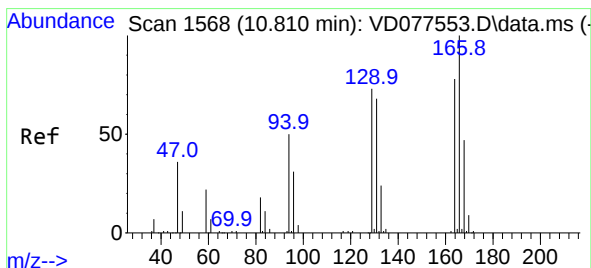
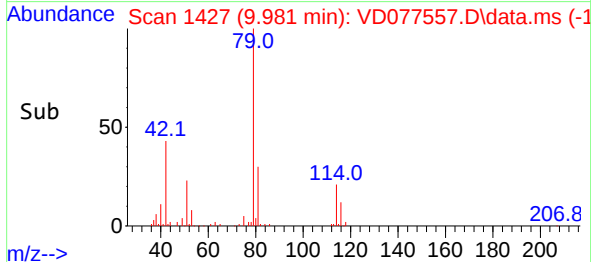
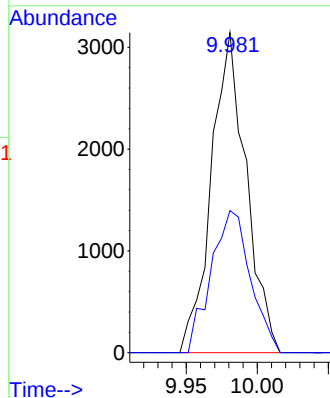
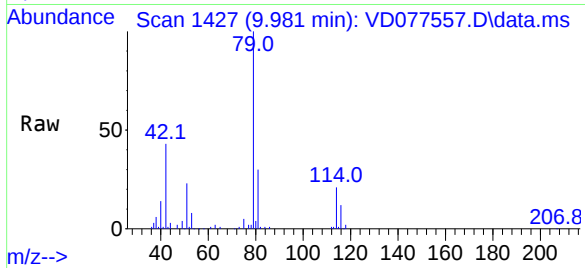
ClientSampleId :

Tgt Ion: 75 Resp: 5372

Ion Ratio Lower Upper

75 100

77 44.4 22.5 41.9#



#46

Tetrachloroethene

Concen: 16.082 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD077557.D

Acq: 14 Nov 2023 11:36

Tgt Ion:164 Resp: 80324

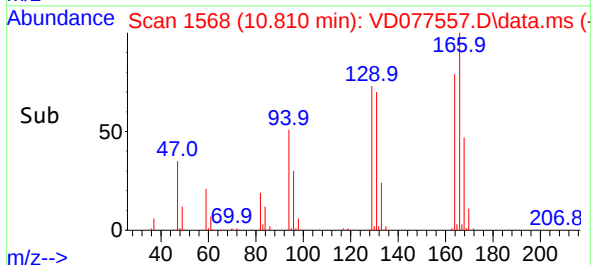
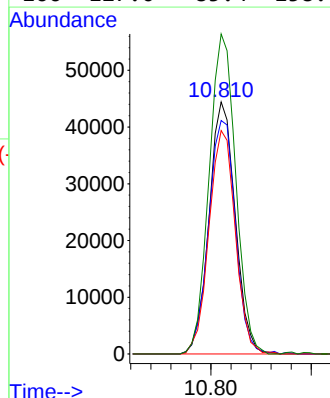
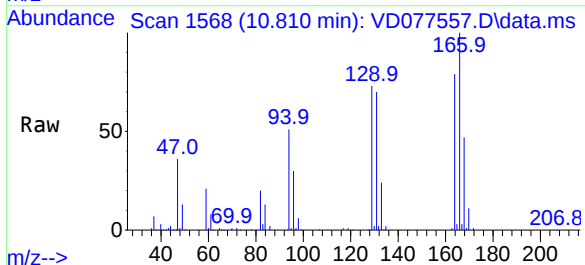
Ion Ratio Lower Upper

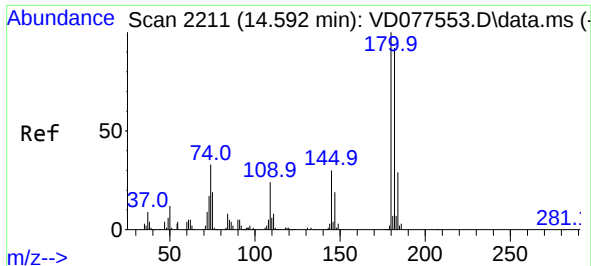
164 100

129 92.6 60.6 112.6

131 88.7 61.6 114.4

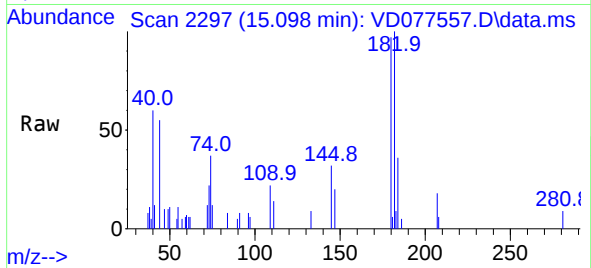
166 127.0 85.4 158.6





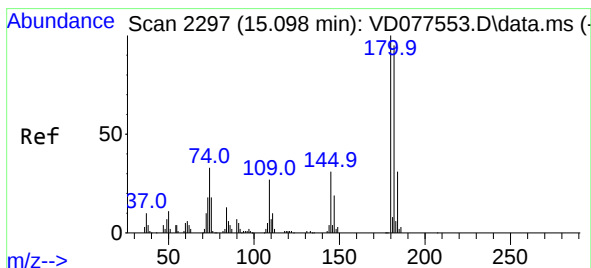
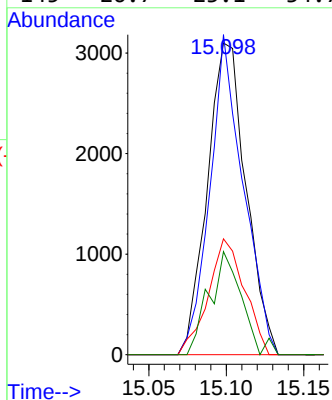
#69
 1,3,5-Trichlorobenzene
 Concen: 0.852 ug/L
 RT: 15.098 min Scan# 2211
 Delta R.T. 0.506 min
 Lab File: VD077557.D
 Acq: 14 Nov 2023 11:36

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 5380

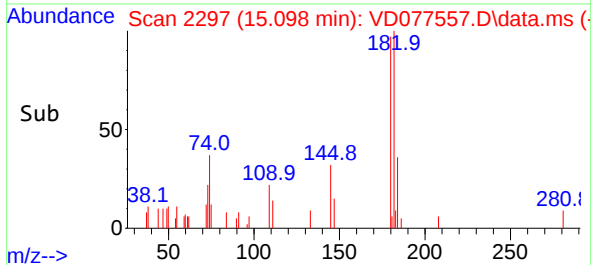
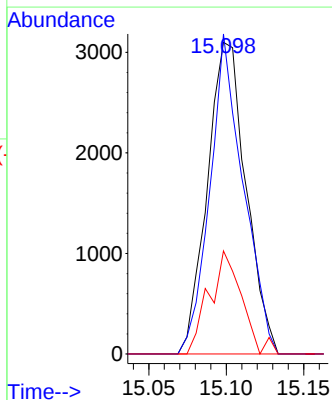
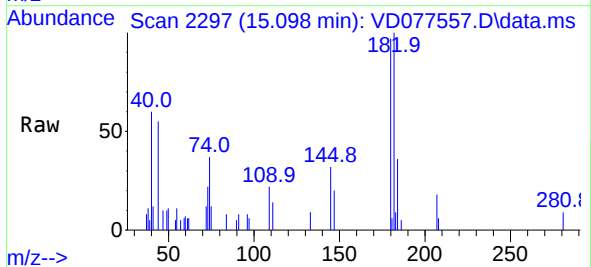
Ion	Ratio	Lower	Upper
180	100		
182	88.4	76.1	114.1
184	34.9	24.0	36.0
145	26.7	23.1	34.7

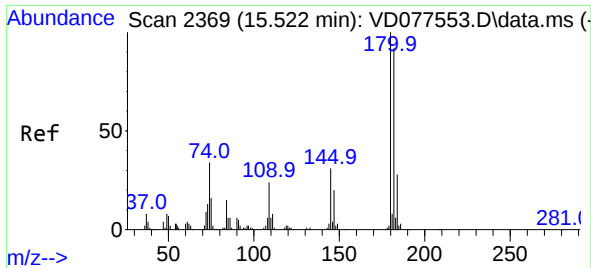


#70
 1,2,4-trichlorobenzene
 Concen: 1.010 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.000 min
 Lab File: VD077557.D
 Acq: 14 Nov 2023 11:36

Tgt Ion:180 Resp: 5380

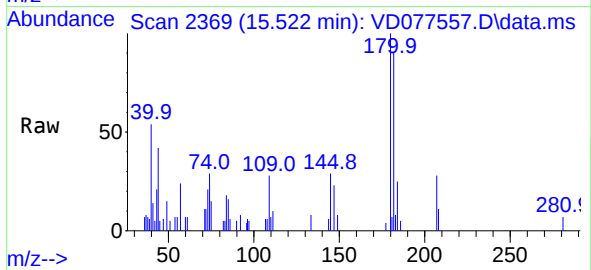
Ion	Ratio	Lower	Upper
180	100		
182	88.4	75.8	113.6
145	26.7	24.1	36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 1.250 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077557.D
 Acq: 14 Nov 2023 11:36

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	180	Resp:	5675
Ion	Ratio	Lower	Upper
180	100		
182	93.2	76.8	115.2
145	31.3	26.0	39.0

