

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
 Data File : VD077560.D
 Acq On : 14 Nov 2023 12:56
 Operator : JC/SY
 Sample : 05296-11
 Misc : 5.20G/10ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BH3S5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 16 02:28:17 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	447270	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	367330	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	126814	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	198165	17.417	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	69.680%		
7) Chloroethane-d5	2.805	69	169622	18.977	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	75.920%		
11) 1,1-Dichloroethene-d2	3.922	65	61838	17.576	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.320%		
21) 2-Butanone-d5	6.987	46	62574	31.765	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	63.520%		
24) Chloroform-d	7.569	84	249730	19.328	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	77.320%		
26) 1,2-Dichloroethane-d4	8.234	65	130841	19.038	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	76.160%		
32) Benzene-d6	8.204	84	522260	21.906	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.640%		
36) 1,2-Dichloropropane-d6	9.210	67	168302	21.672	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	86.680%		
41) Toluene-d8	10.269	98	448865	20.835	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.360%		
43) trans-1,3-Dichloroprop...	10.528	79	65718	19.627	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	78.520%		
47) 2-Hexanone-d5	10.881	63	49648	35.738	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	71.480%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	89919	17.476	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	69.920%		
66) 1,2-Dichlorobenzene-d4	13.816	152	88299	19.572	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	78.280%		
Target Compounds						Qvalue
16) Methylene chloride	4.810	84	6697	0.887	ug/L	87
46) Tetrachloroethene	10.810	164	63836	13.745	ug/L	97
53) m,p-Xylene	11.792	106	6216	0.580	ug/L	92
54) o-Xylene	12.116	106	3840	0.374	ug/L	76
65) 1,4-Dichlorobenzene	13.539	146	7381	0.869	ug/L	82
70) 1,2,4-trichlorobenzene	15.098	180	9567	1.981	ug/L	97
72) 1,2,3-Trichlorobenzene	15.516	180	3804m	0.924	ug/L	

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

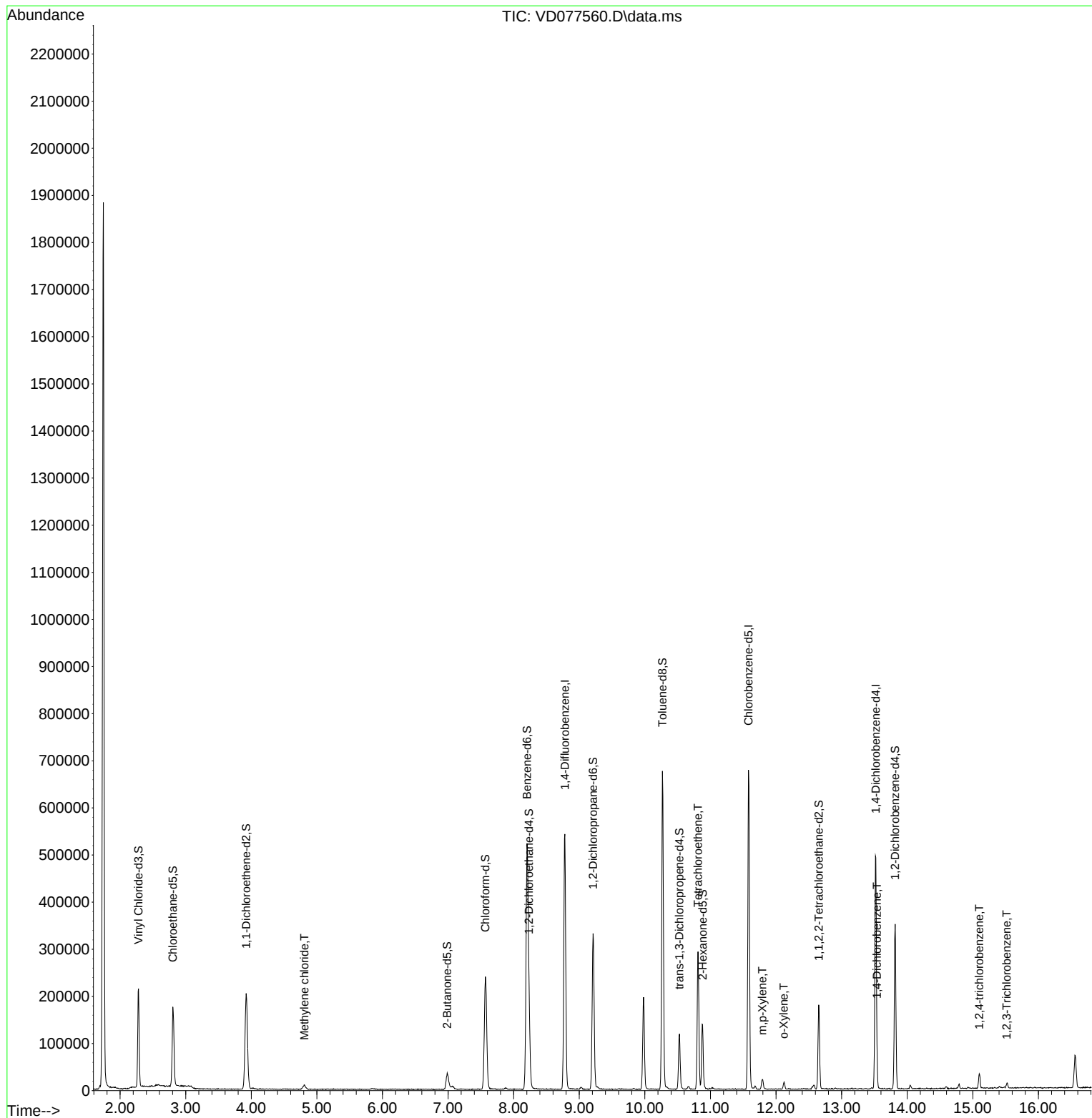
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111423\
Data File : VD077560.D
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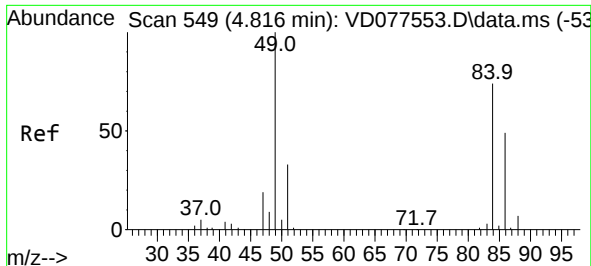
Instrument :
MSVOA_D
ClientSampleId :
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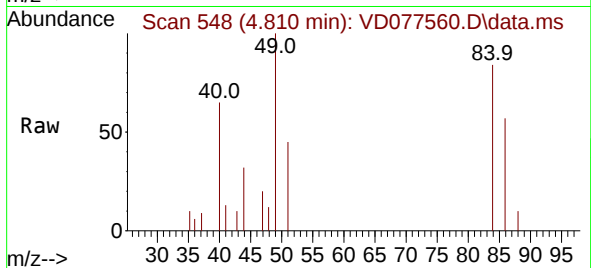
Quant Time: Nov 16 02:28:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Nov 10 02:07:44 2023
Response via : Initial Calibration





#16
Methylene chloride
Concen: 0.887 ug/L
RT: 4.810 min Scan# 549
Delta R.T. 0.006 min
Lab File: VD077560.D
Acq: 14 Nov 2023 12:56

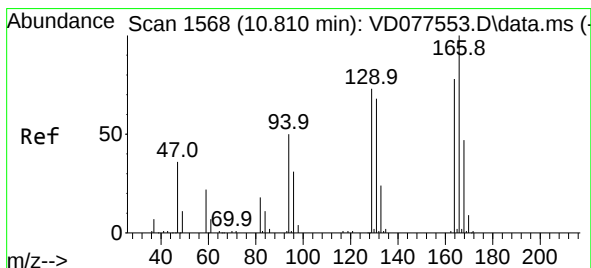
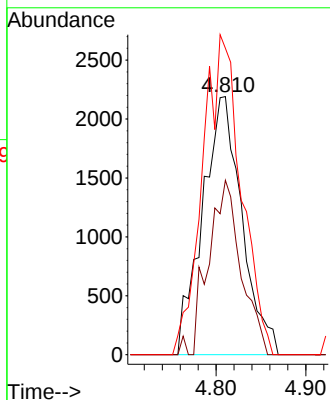
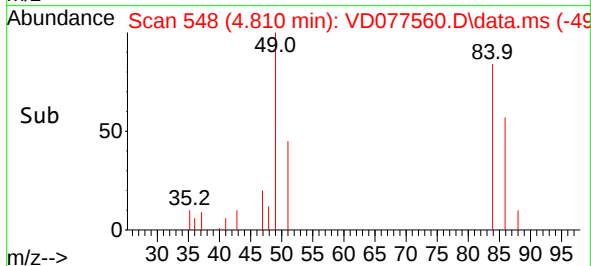
Instrument :
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BH3S5



Tgt Ion: 84 Resp: 669
Ion Ratio Lower Upper
84 100
86 67.6 46.5 86.5
49 118.7 98.3 182.7

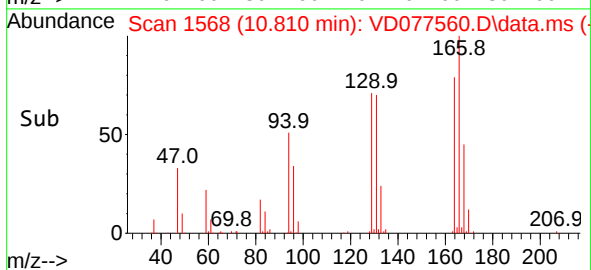
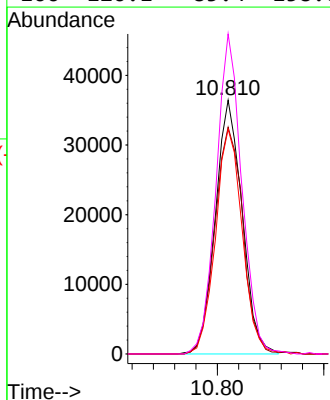
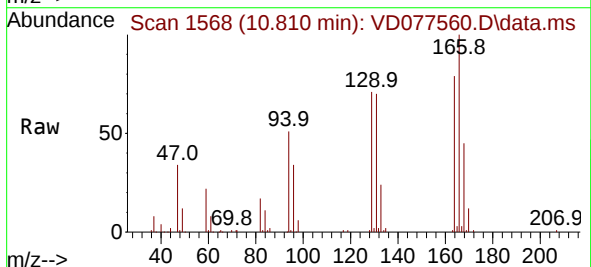
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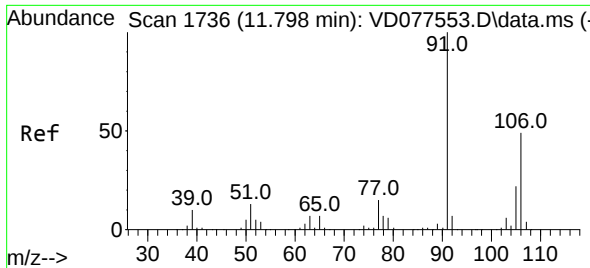
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#46
Tetrachloroethene
Concen: 13.745 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD077560.D
Acq: 14 Nov 2023 12:56

Tgt Ion:164 Resp: 63836
Ion Ratio Lower Upper
164 100
129 89.3 60.6 112.6
131 88.6 61.6 114.4
166 126.1 85.4 158.6





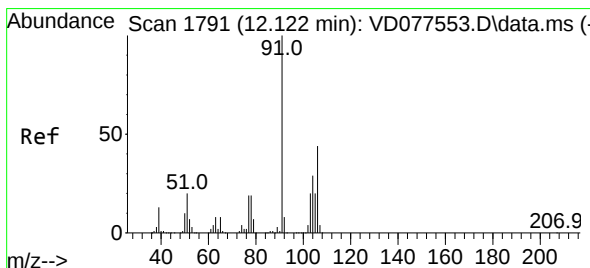
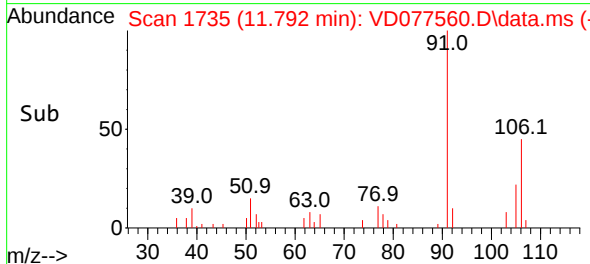
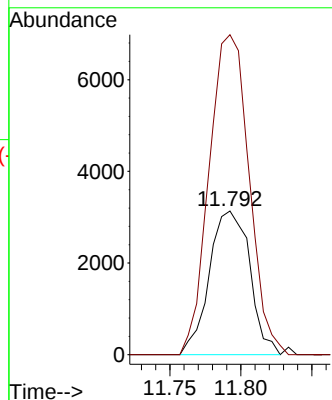
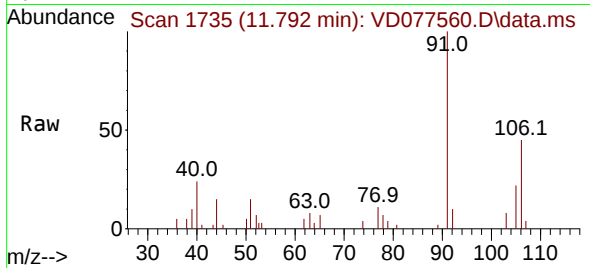
#53
m,p-Xylene
Concen: 0.580 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077560.D
Acq: 14 Nov 2023 12:56

Instrument :
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Tgt Ion:106 Resp: 6210
Ion Ratio Lower Upper
106 100
91 222.7 146.7 272.4

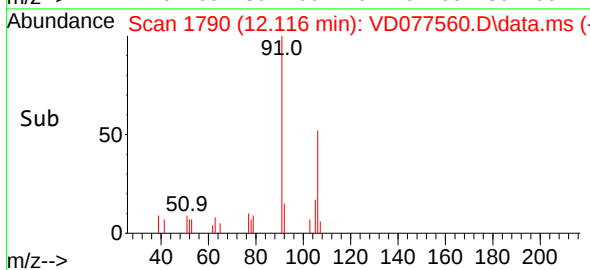
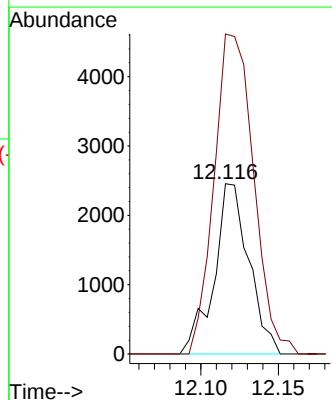
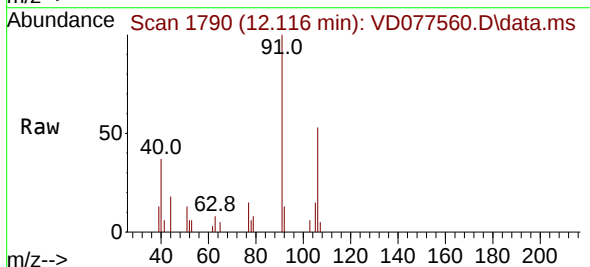
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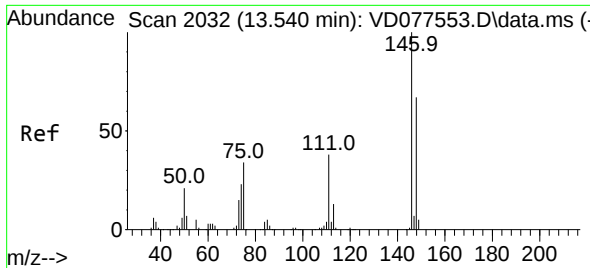
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#54
o-Xylene
Concen: 0.374 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD077560.D
Acq: 14 Nov 2023 12:56

Tgt Ion:106 Resp: 3840
Ion Ratio Lower Upper
106 100
91 187.9 158.5 294.4





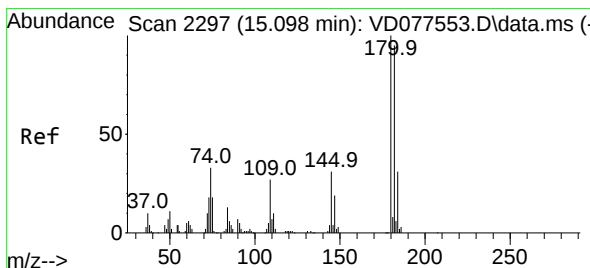
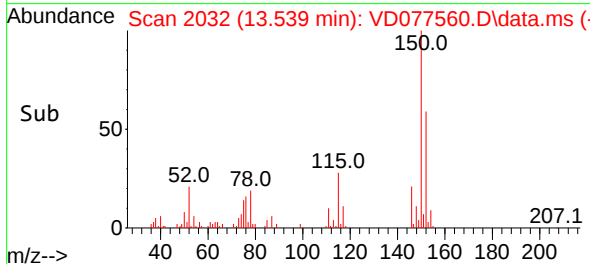
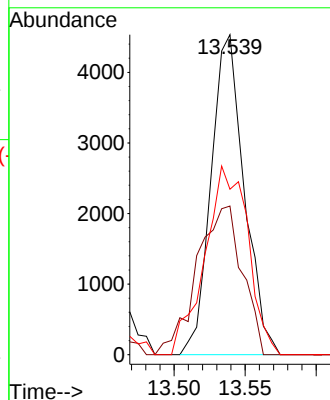
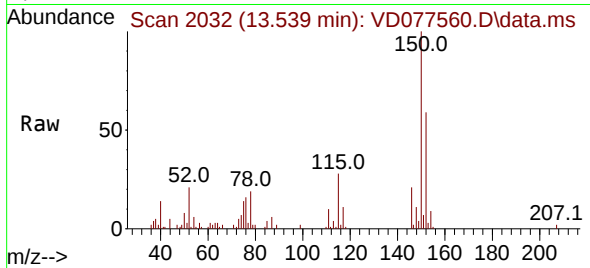
#65
1,4-Dichlorobenzene
Concen: 0.869 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077560.D
Acq: 14 Nov 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :
BH3S5

Tgt Ion:146 Resp: 738
Ion Ratio Lower Upper
146 100
111 46.2 25.6 47.4
148 47.8 44.1 81.9

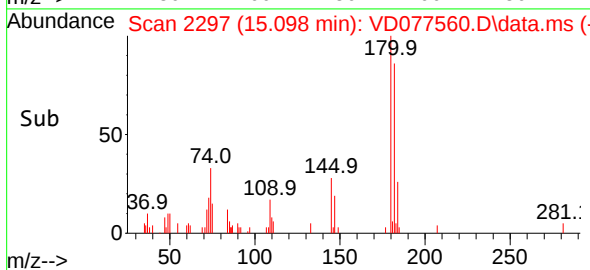
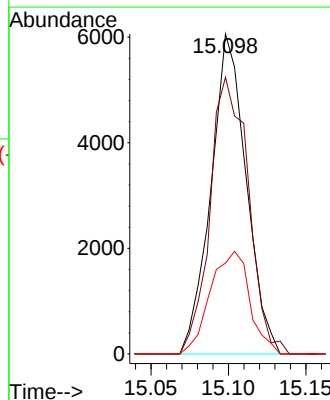
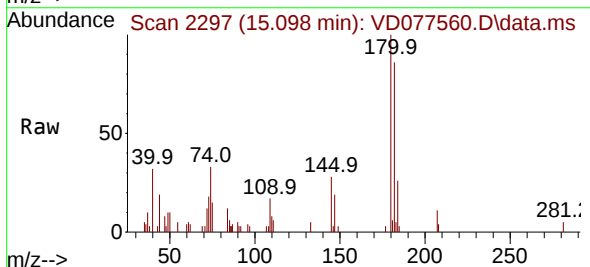
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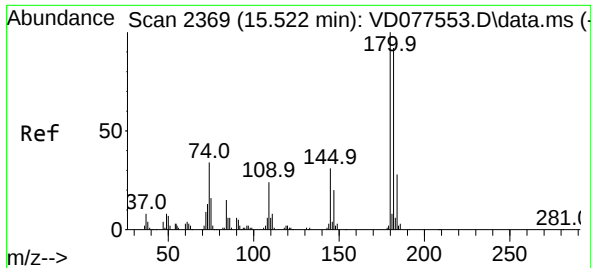
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Supervised By :Semsettin Yesilyurt 11/17/2023



#70
1,2,4-trichlorobenzene
Concen: 1.981 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD077560.D
Acq: 14 Nov 2023 12:56

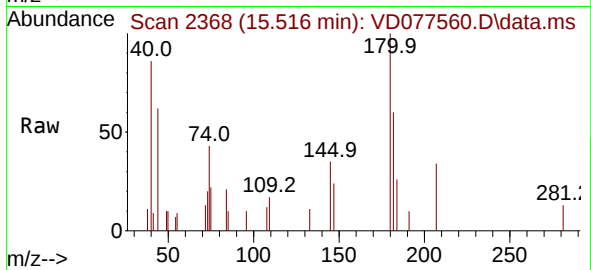
Tgt Ion:180 Resp: 9567
Ion Ratio Lower Upper
180 100
182 93.8 75.8 113.6
145 35.8 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 0.924 ug/L m
 RT: 15.516 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077560.D
 Acq: 14 Nov 2023 12:56

Instrument :
 MSVOA_D
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	78.8	76.8	115.2
145	35.6	26.0	39.0

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