

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
 Data File : VD077949.D
 Acq On : 18 Dec 2023 16:05
 Operator : RP/MD
 Sample : 05808-10
 Misc : 5.32G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0B04

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/19/2023
 Supervised By :Semsettin Yesilyurt 12/19/2023

Quant Time: Dec 18 23:18:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Dec 18 23:16:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	392029	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	394647	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	191295	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	191854	17.946	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.800%		
7) Chloroethane-d5	2.805	69	180523	21.185	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	84.720%		
11) 1,1-Dichloroethene-d2	3.922	65	43281	15.614	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	62.440%		
21) 2-Butanone-d5	6.987	46	56780	42.023	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.040%		
24) Chloroform-d	7.569	84	215831	20.427	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.720%		
26) 1,2-Dichloroethane-d4	8.228	65	113178	21.142	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.560%		
32) Benzene-d6	8.205	84	436970	18.385	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	73.520%		
36) 1,2-Dichloropropane-d6	9.210	67	136033	18.758	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	75.040%		
41) Toluene-d8	10.269	98	396510	18.124	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	72.480%		
43) trans-1,3-Dichloroprop...	10.522	79	58785	18.331	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	73.320%		
47) 2-Hexanone-d5	10.875	63	56008	44.819	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	89.640%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	118574	22.626	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	90.520%		
66) 1,2-Dichlorobenzene-d4	13.816	152	155159m	22.673	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	90.680%		
Target Compounds					Qvalue	
13) Acetone	4.022	43	22763	13.149	ug/L	99
16) Methylene chloride	4.799	84	3409	0.490	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	312165	25.280	ug/L	99
65) 1,4-Dichlorobenzene	13.540	146	323788	25.270	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	1057348	95.159	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	1012253	141.810	ug/L	98
72) 1,2,3-Trichlorobenzene	15.522	180	376743	60.206	ug/L	98

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

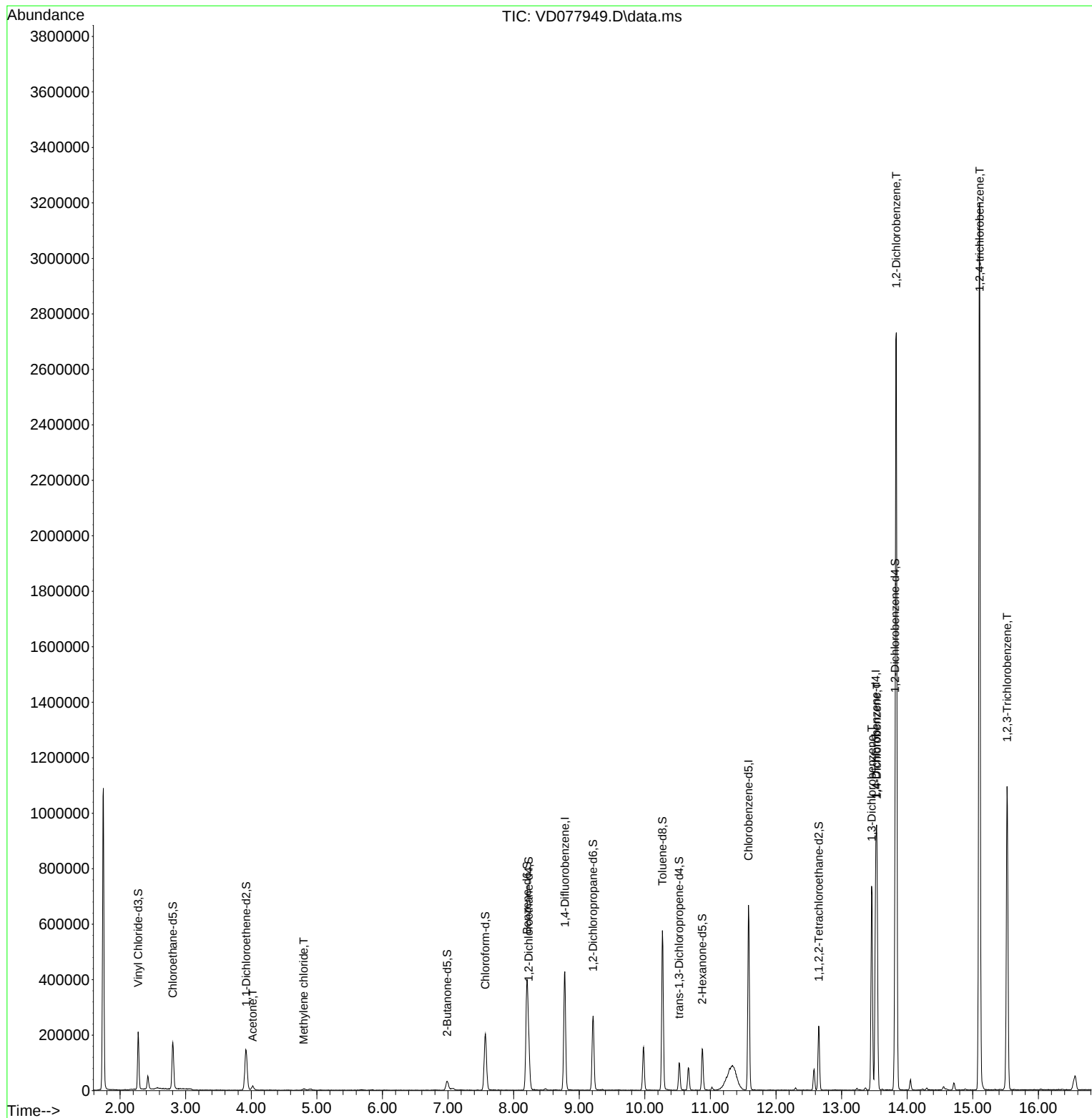
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121823\
Data File : VD077949.D
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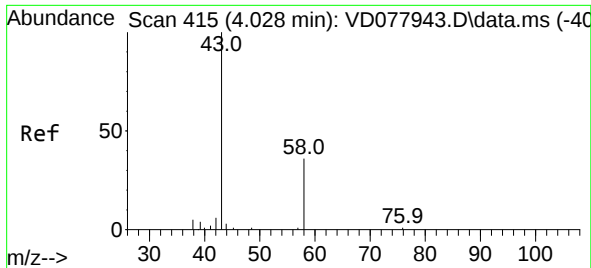
Instrument :
MSVOA_D
ClientSampleId :
C0B04

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Quant Time: Dec 18 23:18:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 18 23:16:23 2023
Response via : Initial Calibration





#13

Acetone

Concen: 13.149 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.006 min

Lab File: VD077949.D

Acq: 18 Dec 2023 16:05

Instrument :

MSVOA_D

ClientSampleId :

C0B04

Tgt Ion: 43 Resp: 2276

Ion Ratio Lower Upper

43 100

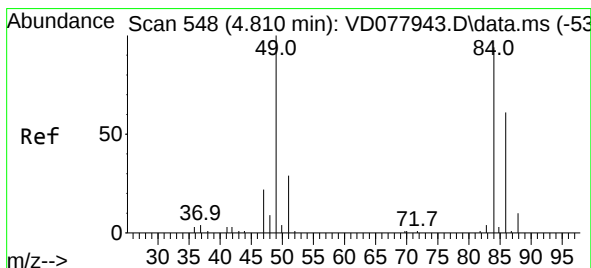
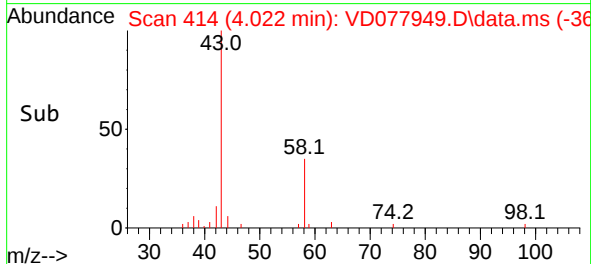
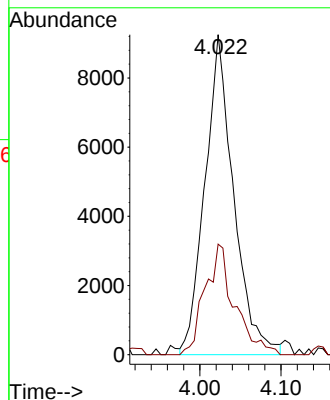
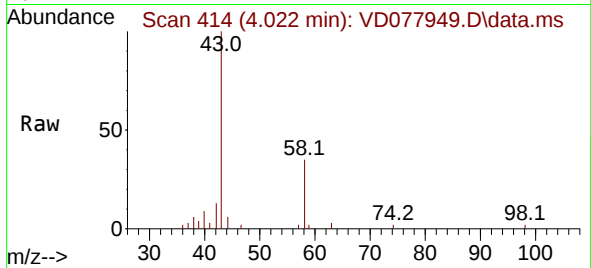
58 33.9 0.0 67.2

Manual Integrations

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#16

Methylene chloride

Concen: 0.490 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.012 min

Lab File: VD077949.D

Acq: 18 Dec 2023 16:05

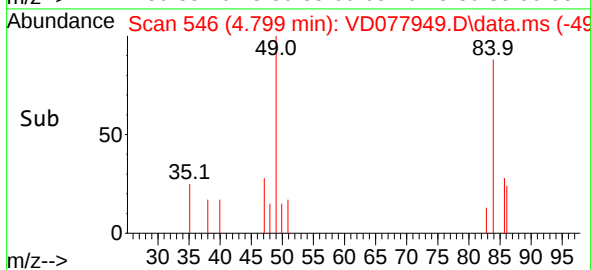
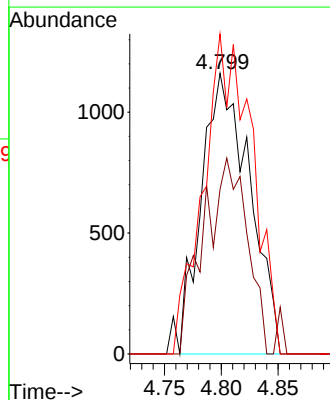
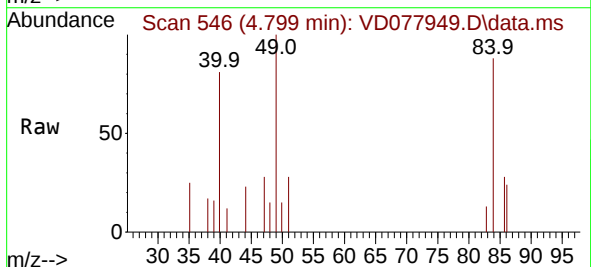
Tgt Ion: 84 Resp: 3409

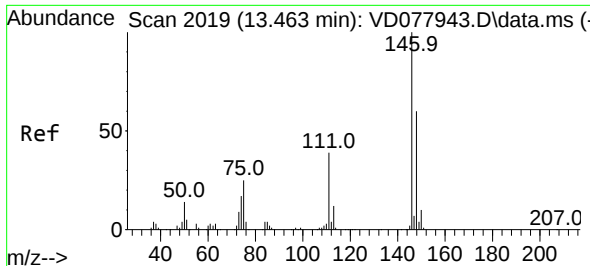
Ion Ratio Lower Upper

84 100

86 58.7 40.1 74.5

49 114.0 83.2 154.6





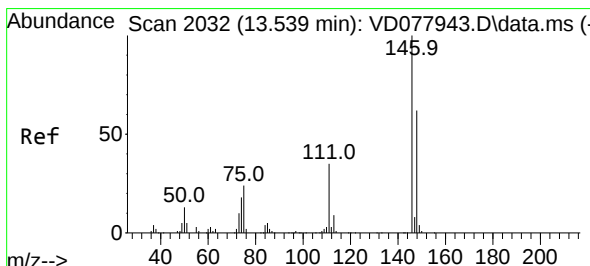
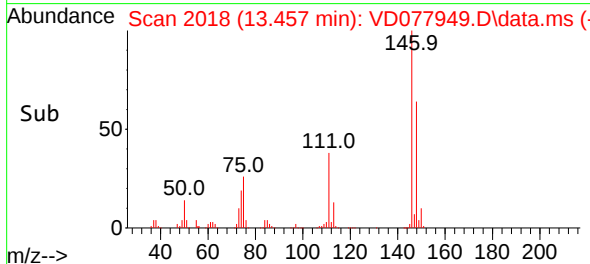
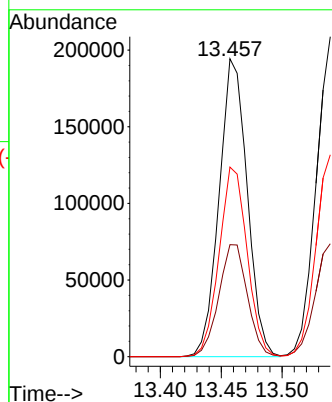
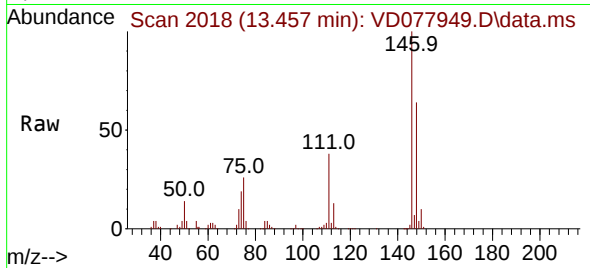
#64
1,3-Dichlorobenzene
Concen: 25.280 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

Instrument :
MSVOA_D
ClientSampleId :
C0B04

Tgt Ion:146 Resp: 31216
Ion Ratio Lower Upper
146 100
111 37.6 26.6 49.4
148 63.6 44.0 81.6

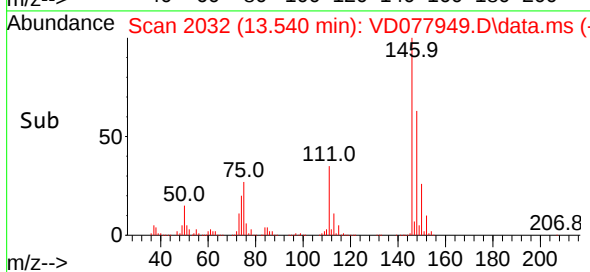
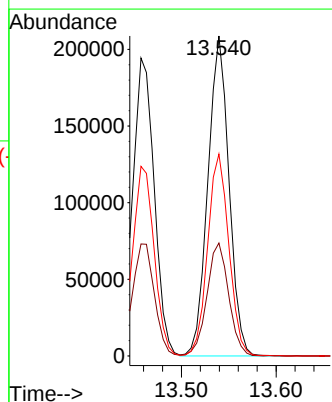
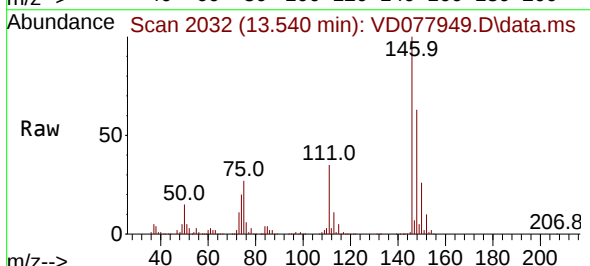
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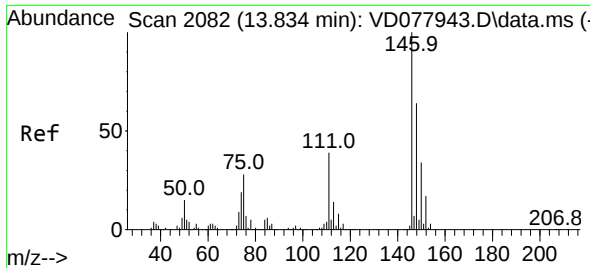
Reviewed By :Mahesh Dadoda 12/19/2023
Supervised By :Semsettin Yesilyurt 12/19/2023



#65
1,4-Dichlorobenzene
Concen: 25.270 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

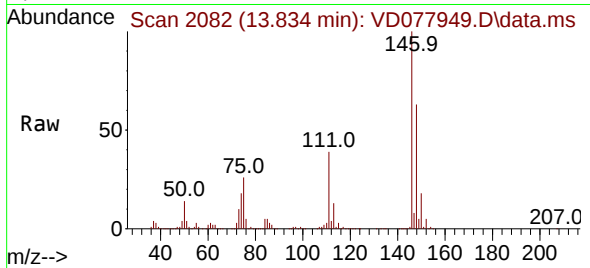
Tgt Ion:146 Resp: 323788
Ion Ratio Lower Upper
146 100
111 35.3 26.4 49.0
148 63.1 44.0 81.8





#67
1,2-Dichlorobenzene
Concen: 95.159 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

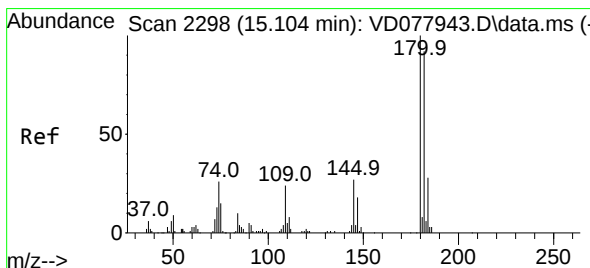
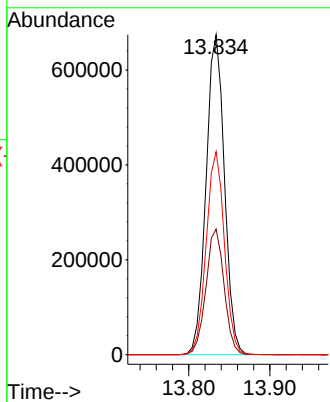
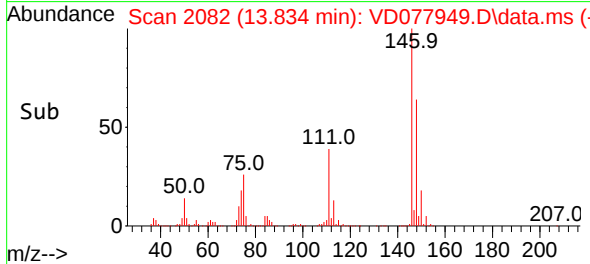
Instrument :
MSVOA_D
ClientSampleId :
C0B04



Tgt Ion:146 Resp: 1057348
Ion Ratio Lower Upper
146 100
111 39.3 31.4 47.2
148 63.5 50.2 75.2

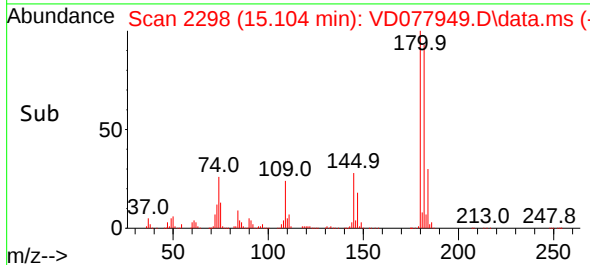
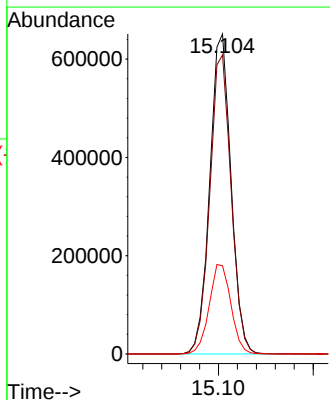
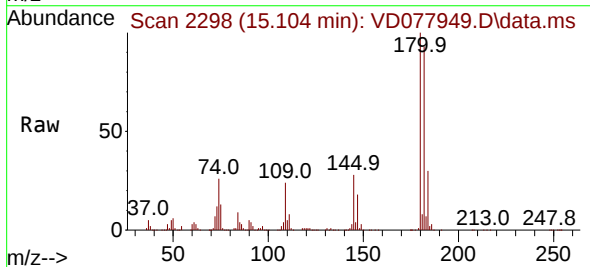
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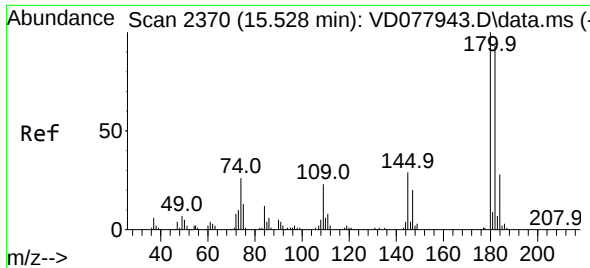
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Supervised By :Semsettin Yesilyurt 12/19/2023



#70
1,2,4-trichlorobenzene
Concen: 141.810 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD077949.D
Acq: 18 Dec 2023 16:05

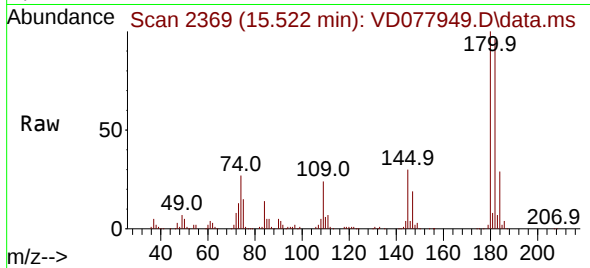
Tgt Ion:180 Resp: 1012253
Ion Ratio Lower Upper
180 100
182 93.9 77.0 115.6
145 28.7 23.9 35.9





#72
 1,2,3-Trichlorobenzene
 Concen: 60.206 ug/L
 RT: 15.522 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077949.D
 Acq: 18 Dec 2023 16:05

Instrument :
 MSVOA_D
 ClientSampleId :
 C0B04



Tgt Ion:180 Resp: 376743
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.3 115.9
 145 30.1 25.2 37.8

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