

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
 Data File : VD077713.D
 Acq On : 30 Nov 2023 18:15
 Operator : JC/SY
 Sample : 04929-08
 Misc : 4.78G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 C0AQ6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/01/2023
 Supervised By :Semsettin Yesilyurt 12/01/2023

Quant Time: Nov 30 23:02:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Nov 30 23:00:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	369950	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	275491	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	86191	25.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	255339	25.309	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.240%
7) Chloroethane-d5	2.805	69	208871	25.974	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.880%
11) 1,1-Dichloroethene-d2	3.922	65	60656	23.188	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.760%
21) 2-Butanone-d5	6.987	46	61957	48.591	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.180%
24) Chloroform-d	7.569	84	242976	24.369	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.480%
26) 1,2-Dichloroethane-d4	8.234	65	136024m	26.926	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.720%
32) Benzene-d6	8.204	84	498655	30.054	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	120.200%
36) 1,2-Dichloropropane-d6	9.210	67	158719	31.352	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	125.400%#
41) Toluene-d8	10.269	98	373372	24.448	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	10.528	79	64587	28.851	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	115.400%
47) 2-Hexanone-d5	10.881	63	53963	61.859	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82240	22.481	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.920%
66) 1,2-Dichlorobenzene-d4	13.822	152	65702	21.308	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.240%
Target Compounds						
13) Acetone	4.034	43	18357	11.237	ug/L	78
33) Benzene	8.257	78	15089	0.841	ug/L	100
51) Chlorobenzene	11.610	112	4499559	381.005	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	2241655	402.911	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	8057606	1395.693	ug/L	95
67) 1,2-Dichlorobenzene	13.834	146	11270608	2251.244	ug/L	90
69) 1,3,5-Trichlorobenzene	14.598	180	15997	4.223	ug/L	94
70) 1,2,4-trichlorobenzene	15.098	180	1058036	328.973	ug/L	99

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

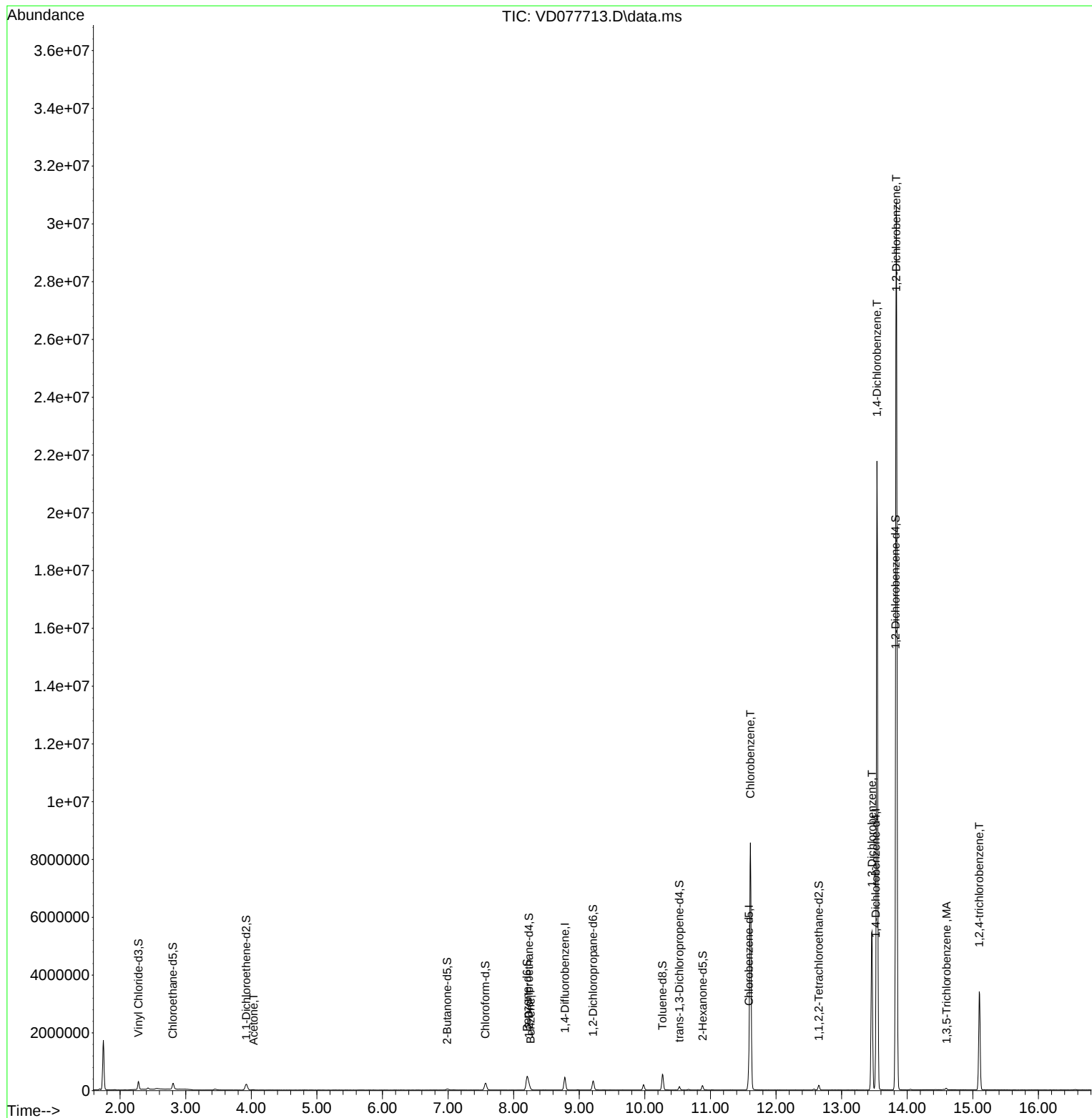
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD113023\
Data File : VD077713.D
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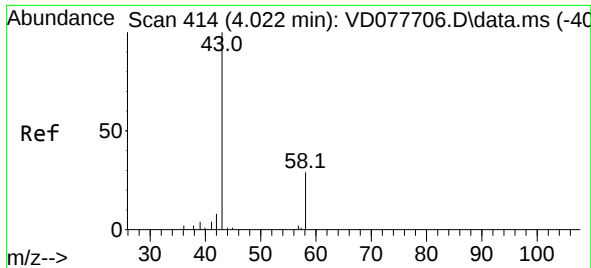
Instrument :
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Supervised By :Semsettin Yesilyurt 12/01/2023

Quant Time: Nov 30 23:02:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Thu Nov 30 23:00:23 2023
Response via : Initial Calibration





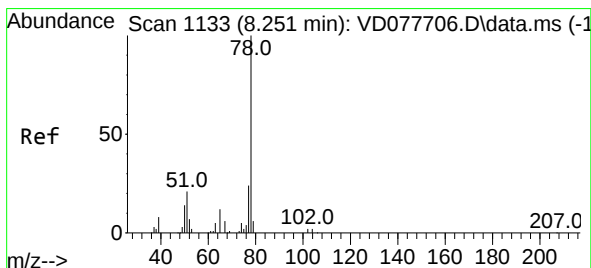
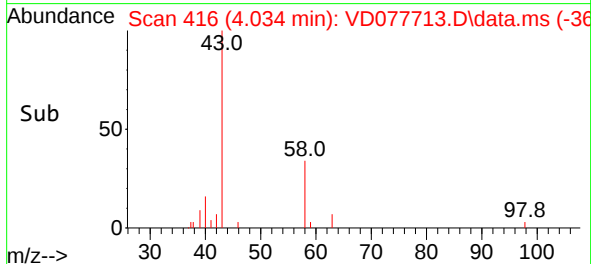
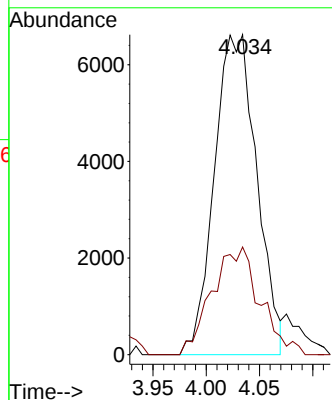
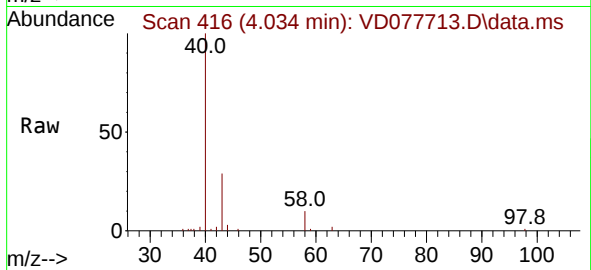
#13
Acetone
Concen: 11.237 ug/L
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

Instrument :
MSVOA_D
ClientSampleId :
C0AQ6

Tgt Ion: 43 Resp: 1835
Ion Ratio Lower Upper
43 100
58 21.1 0.0 67.2

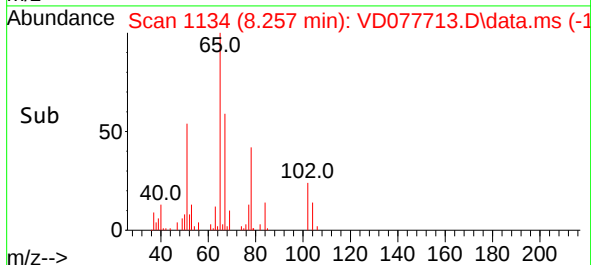
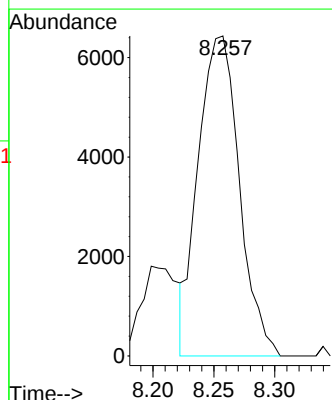
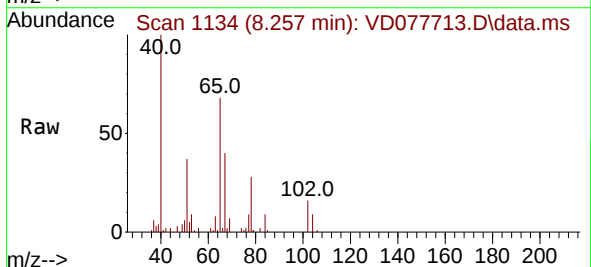
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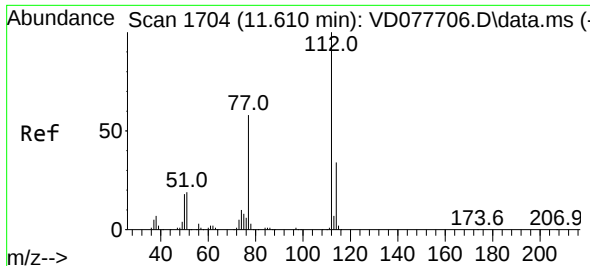
Reviewed By :Mahesh Dadoda 12/01/2023
Supervised By :Semsettin Yesilyurt 12/01/2023



#33
Benzene
Concen: 0.841 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

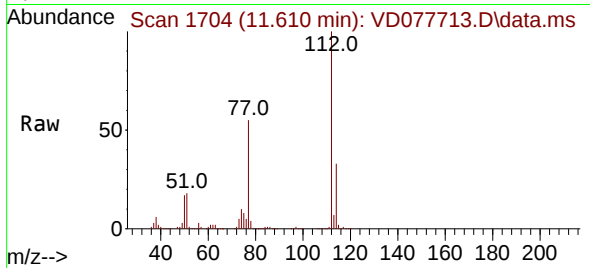
Tgt Ion: 78 Resp: 15089





#51
Chlorobenzene
Concen: 381.005 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

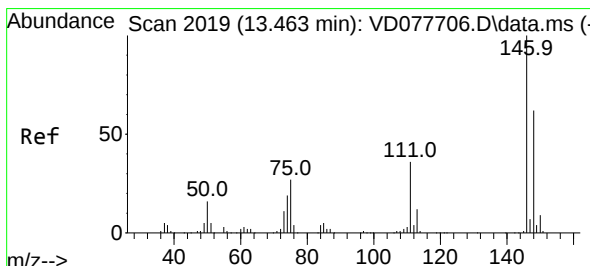
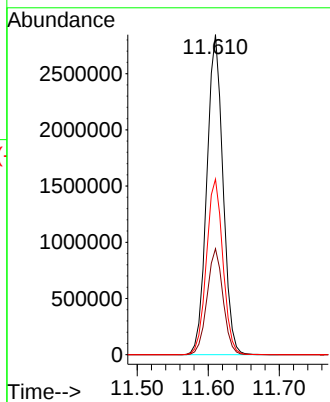
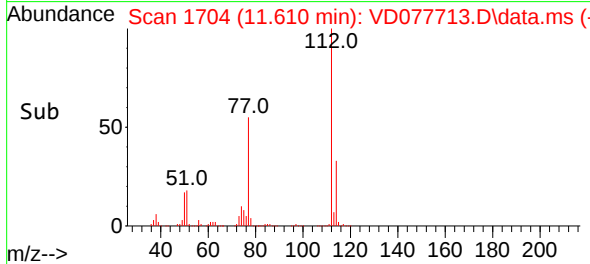
Instrument :
MSVOA_D
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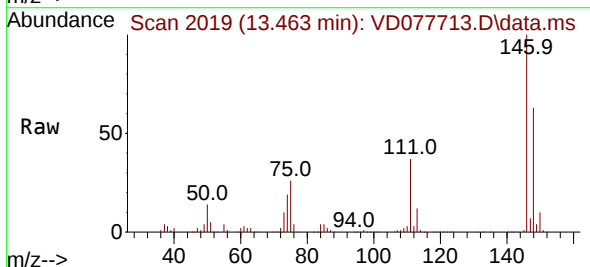
Tgt Ion:112 Resp: 449955
Ion Ratio Lower Upper
112 100
114 33.1 22.5 41.9
77 54.8 46.4 69.6

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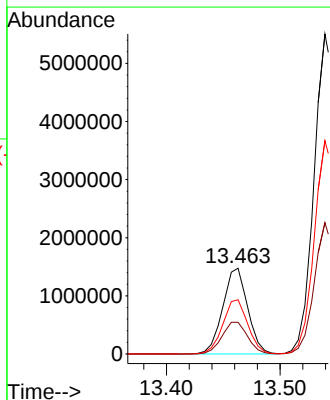
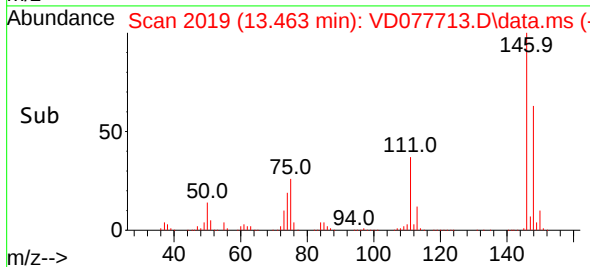
Reviewed By :Mahesh Dadoda 12/01/2023
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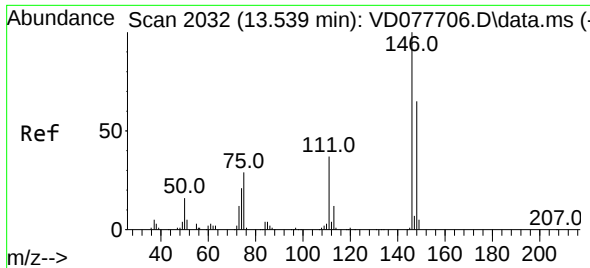


#64
1,3-Dichlorobenzene
Concen: 402.911 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15



Tgt Ion:146 Resp: 2241655
Ion Ratio Lower Upper
146 100
111 36.9 26.6 49.4
148 63.2 44.0 81.6





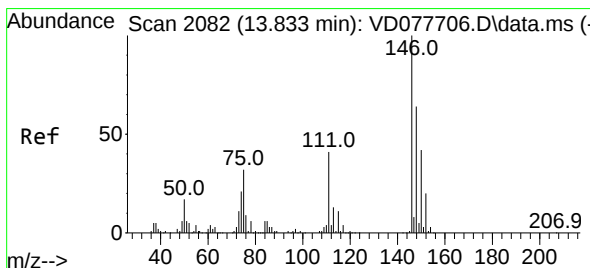
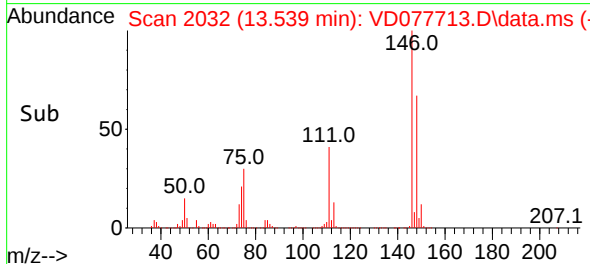
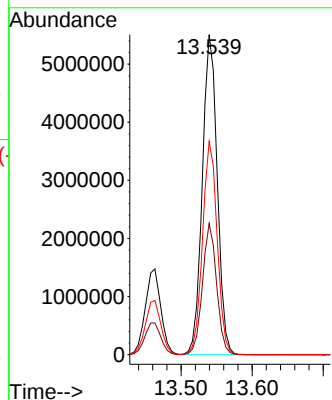
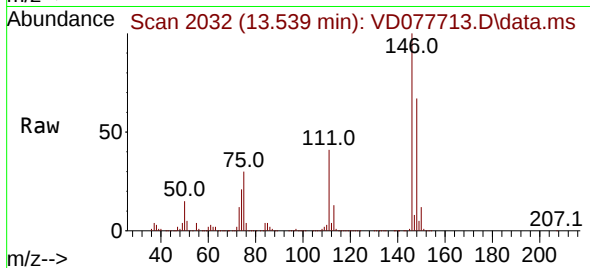
#65
1,4-Dichlorobenzene
Concen: 1395.693 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

Instrument :
MSVOA_D
ClientSampleId :
C0AQ6

Tgt Ion:146 Resp: 8057600
Ion Ratio Lower Upper
146 100
111 41.0 26.4 49.0
148 66.6 44.0 81.8

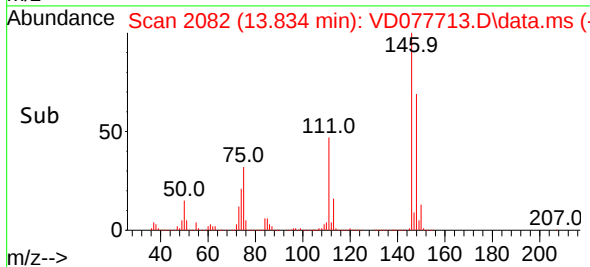
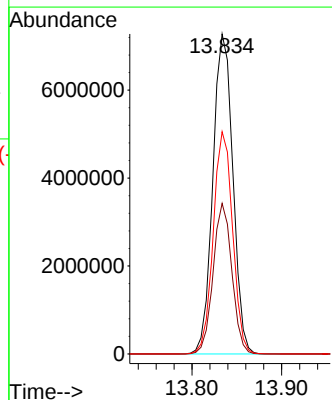
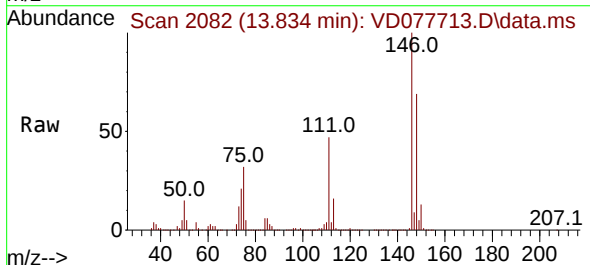
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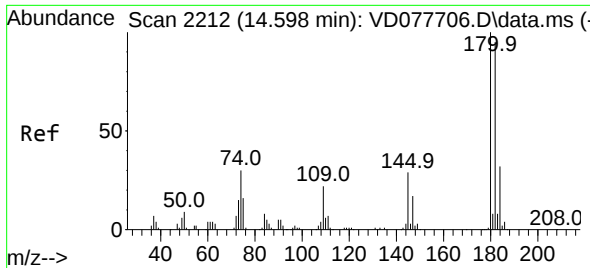
Reviewed By :Mahesh Dadoda 12/01/2023
Supervised By :Semsettin Yesilyurt 12/01/2023



#67
1,2-Dichlorobenzene
Concen: 2251.244 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077713.D
Acq: 30 Nov 2023 18:15

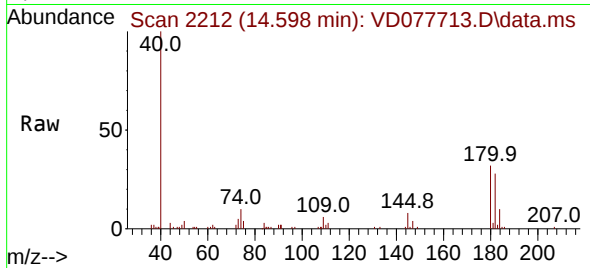
Tgt Ion:146 Resp:11270608
Ion Ratio Lower Upper
146 100
111 47.1 31.4 47.2
148 69.4 50.2 75.2





#69
 1,3,5-Trichlorobenzene
 Concen: 4.223 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: VD077713.D
 Acq: 30 Nov 2023 18:15

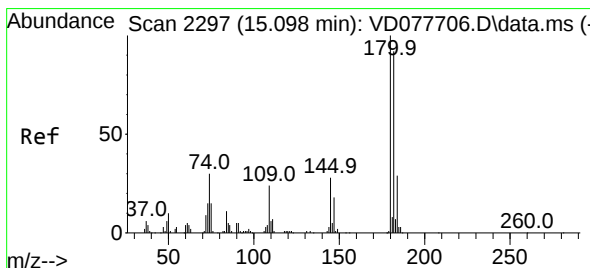
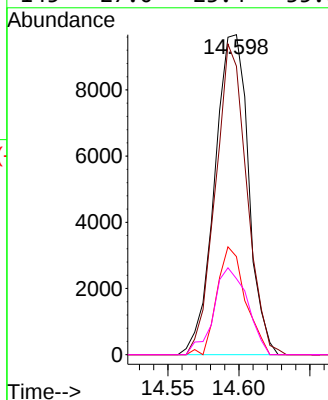
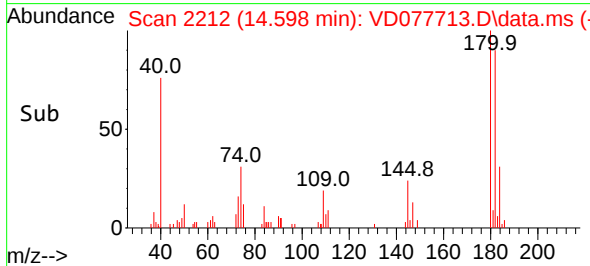
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 MSVOA_D
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 C0AQ6



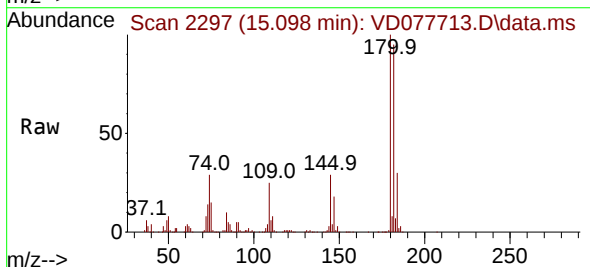
Tgt Ion:180 Resp: 15997
 Ion Ratio Lower Upper
 180 100
 182 89.7 77.0 115.4
 184 28.0 24.3 36.5
 145 27.0 23.4 35.0

Manual Integrations
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#70
 1,2,4-trichlorobenzene
 Concen: 328.973 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD077713.D
 Acq: 30 Nov 2023 18:15



Tgt Ion:180 Resp: 1058036
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.0 115.6
 145 29.3 23.9 35.9

