

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
 Data File : VV035286.D
 Acq On : 18 Apr 2024 16:26
 Operator : SY/MD
 Sample : P2158-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MCore0

Quant Time: Apr 19 01:43:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 10 04:53:36 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/23/2024
 Supervised By :Semsettin Yesilyurt 04/23/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	343668	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	356450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	214742m	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	137949	41.564	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.120%		
7) Chloroethane-d5	1.526	69	126231	43.788	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.580%		
11) 1,1-Dichloroethene-d2	2.056	65	61209	42.071	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.140%		
21) 2-Butanone-d5	3.786	46	205967	104.636	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	104.640%		
24) Chloroform-d	4.246	84	282101	50.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.100%		
26) 1,2-Dichloroethane-d4	4.941	65	180879	51.054	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.100%		
32) Benzene-d6	4.960	84	558819	46.672	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.340%		
36) 1,2-Dichloropropane-d6	5.986	67	179004	47.080	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.160%		
41) Toluene-d8	7.243	98	467974	43.399	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.800%		
43) trans-1,3-Dichloroprop...	7.551	79	76410	41.339	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.680%		
47) 2-Hexanone-d5	8.024	63	137415	95.592	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	95.590%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	257950	49.267	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.540%		
66) 1,2-Dichlorobenzene-d4	11.564	152	225737m	46.820	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.640%		
Target Compounds					Qvalue	
25) Chloroform	4.275	83	124499	24.625	ug/L	99
29) Cyclohexane	4.574	56	5113	1.145	ug/L #	71
31) Carbon tetrachloride	4.732	117	55268	14.034	ug/L	98
33) Benzene	5.005	78	12352400	1062.725	ug/L	100
51) Chlorobenzene	8.809	112	23191277m	2940.488	ug/L	
64) 1,3-Dichlorobenzene	11.114	146	2267063	313.363	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	14985649m	2036.899	ug/L	
67) 1,2-Dichlorobenzene	11.580	146	14856593	2061.418	ug/L	90
69) 1,3,5-Trichlorobenzene	12.583	180	15662	3.004	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	8142885	1700.170	ug/L	98
72) 1,2,3-Trichlorobenzene	13.677	180	2202543	466.535	ug/L	99

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

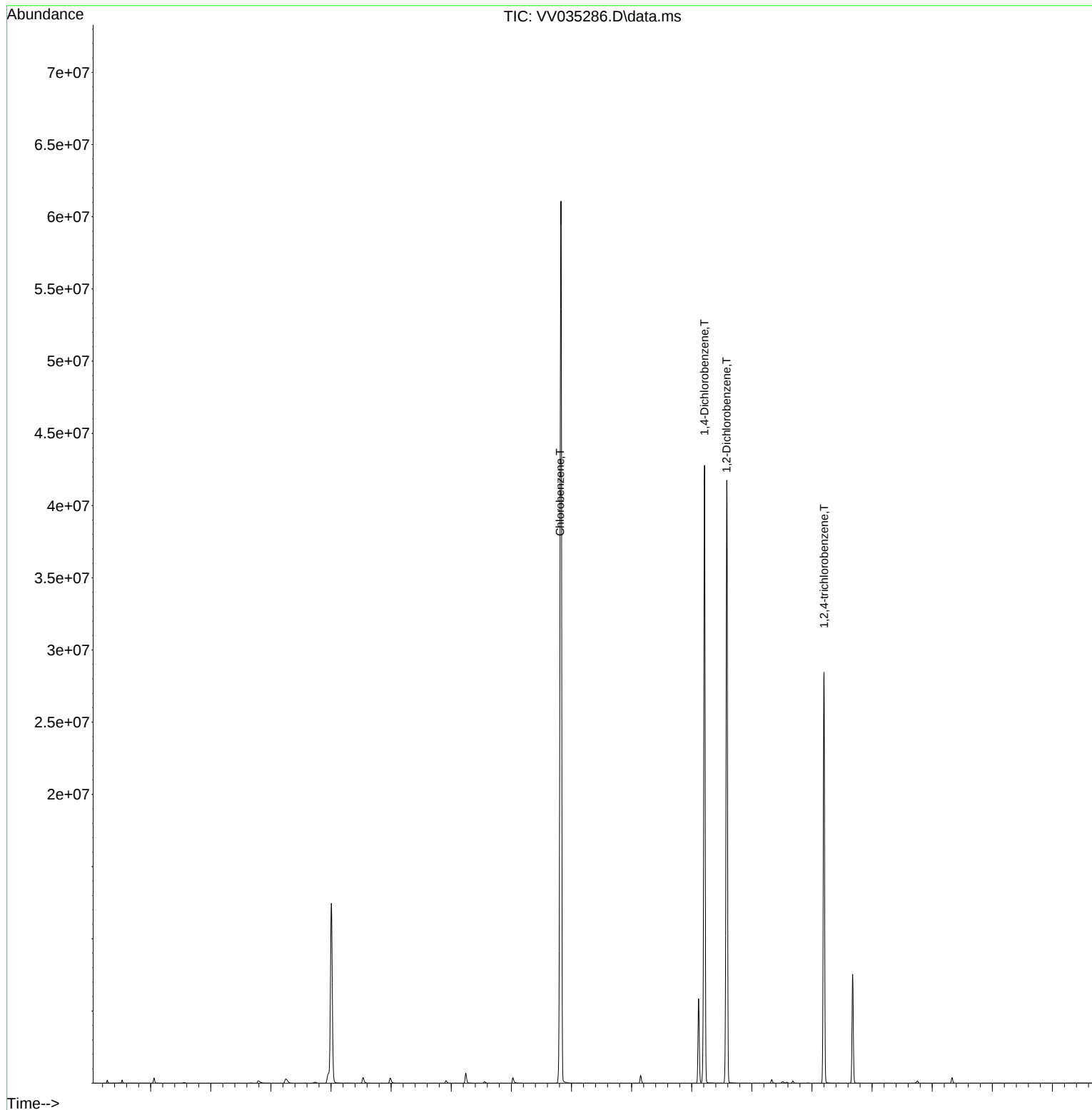
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041824\
Data File : VV035286.D
Acq On : 18 Apr 2024 16:26
Operator : SY/MD
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ALS Vial : 18 Sample Multiplier: 1

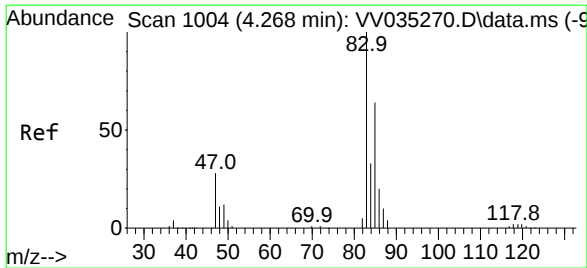
Instrument :
MSVOA_V
ClientSampleId :
MCORE0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 10 04:53:36 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 24.625 ug/L

RT: 4.275 min Scan# 10

Delta R.T. 0.003 min

Lab File: VV035286.D

Acq: 18 Apr 2024 16:26

Instrument :

MSVOA_V

ClientSampleId :

MCORE0

Tgt Ion: 83 Resp: 124499

Ion Ratio Lower Upper

83 100

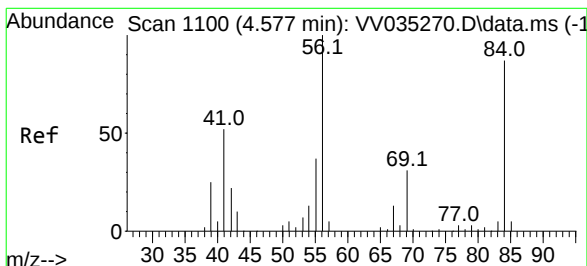
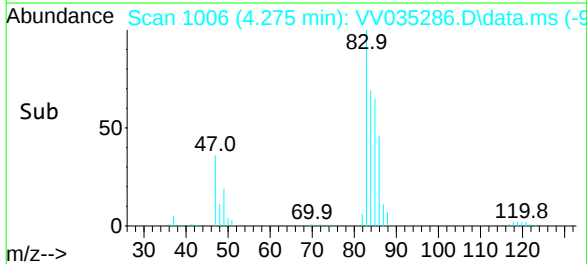
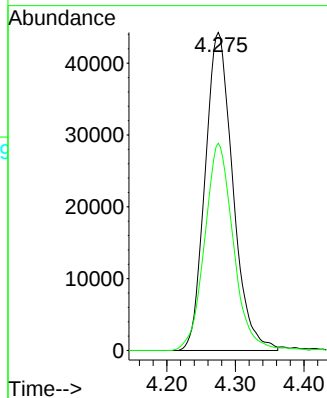
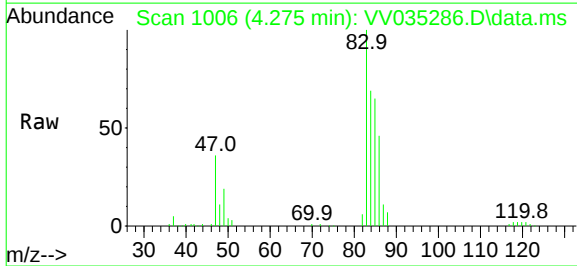
85 65.2 46.0 85.4

Manual Integrations

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#29

Cyclohexane

Concen: 1.145 ug/L

RT: 4.574 min Scan# 1099

Delta R.T. -0.003 min

Lab File: VV035286.D

Acq: 18 Apr 2024 16:26

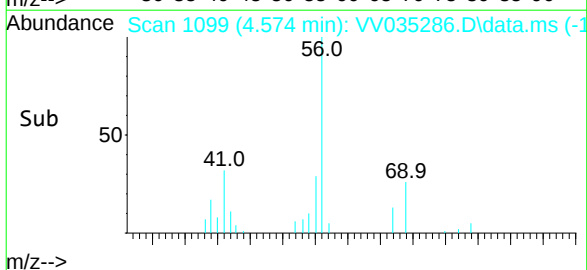
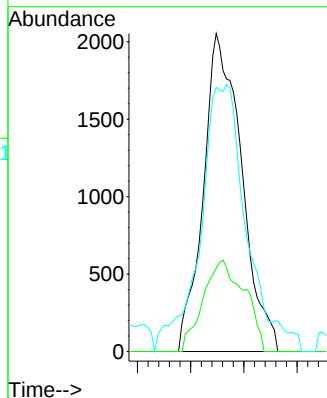
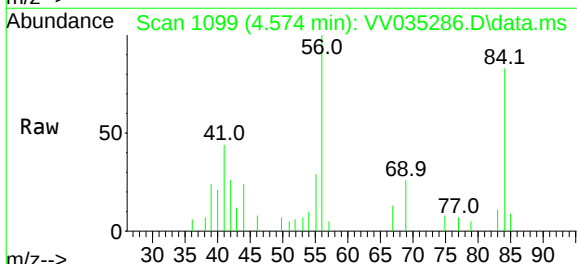
Tgt Ion: 56 Resp: 5113

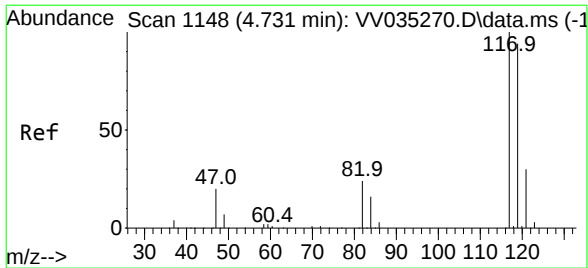
Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.2

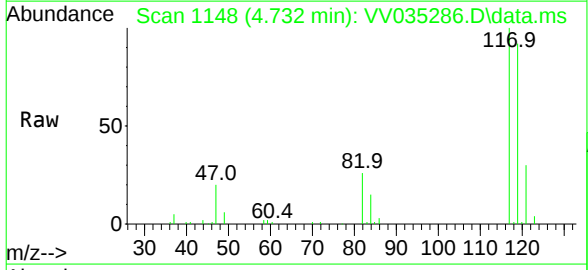
84 52.3 69.8 104.8#





#31
Carbon tetrachloride
Concen: 14.034 ug/L
RT: 4.732 min Scan# 1148
Delta R.T. 0.000 min
Lab File: VV035286.D
Acq: 18 Apr 2024 16:26

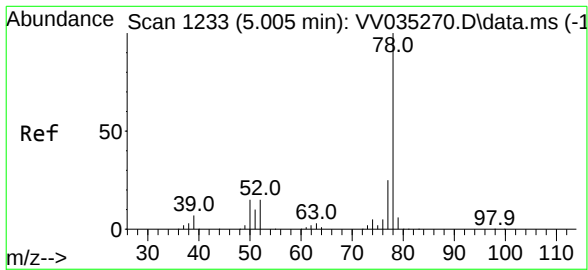
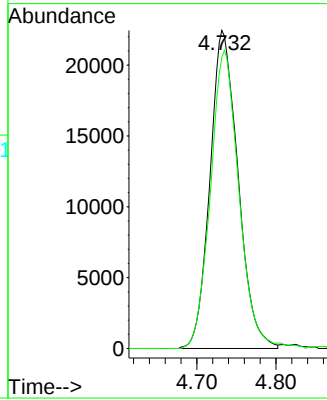
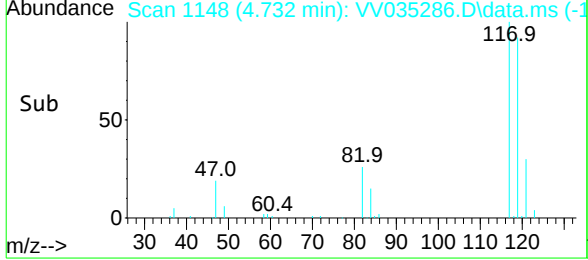
Instrument :
MSVOA_V
ClientSampleId :
MCORE0



Tgt Ion:117 Resp: 55268
Ion Ratio Lower Upper
117 100
119 94.4 77.1 115.7

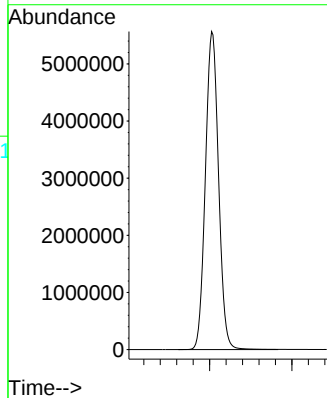
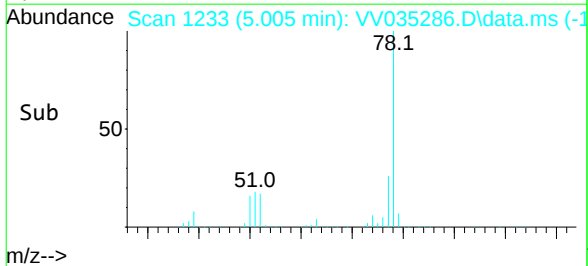
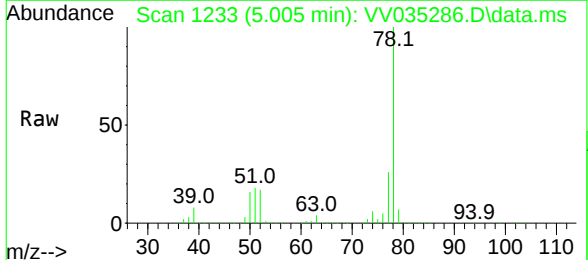
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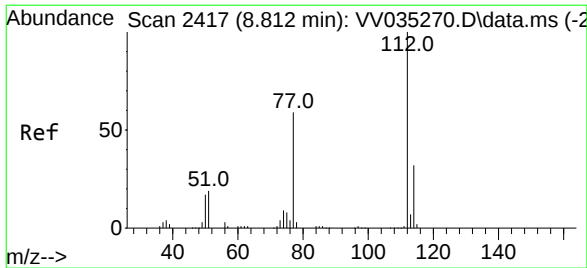
Reviewed By :Mahesh Dadoda 04/23/2024
Supervised By :Semsettin Yesilyurt 04/23/2024



#33
Benzene
Concen: 1062.725 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035286.D
Acq: 18 Apr 2024 16:26

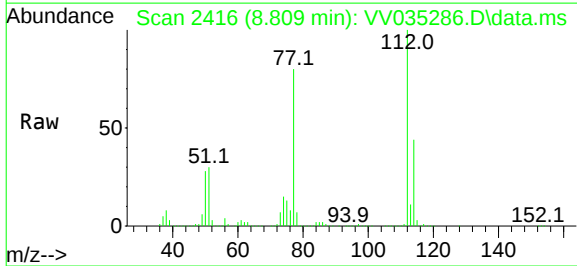
Tgt Ion: 78 Resp:12352400





#51
Chlorobenzene
Concen: 2940.488 ug/L m
RT: 8.809 min Scan# 2417
Delta R.T. -0.003 min
Lab File: VV035286.D
Acq: 18 Apr 2024 16:26

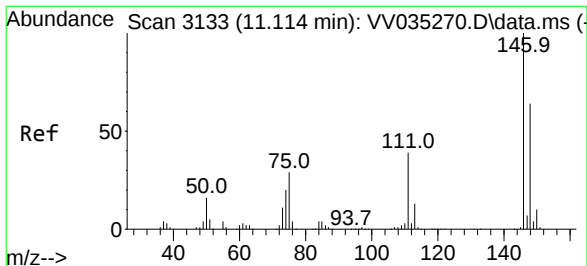
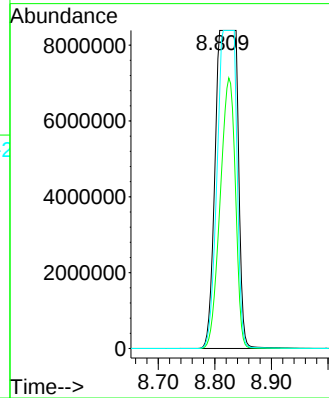
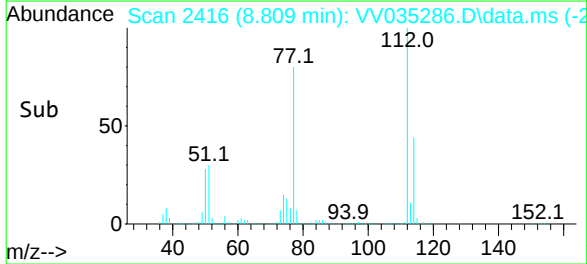
Instrument :
MSVOA_V
ClientSampleId :
MCORE0



Tgt Ion:112 Resp:23191277
Ion Ratio Lower Upper
112 100
114 44.4 22.0 41.0#
77 80.5 47.4 71.2#

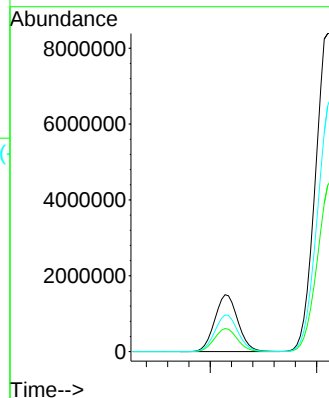
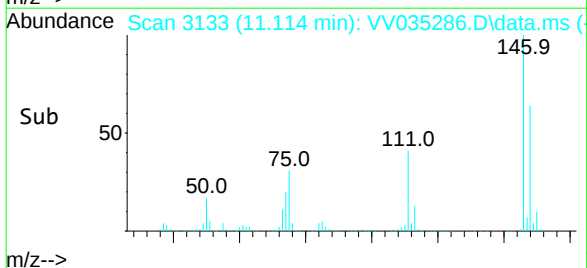
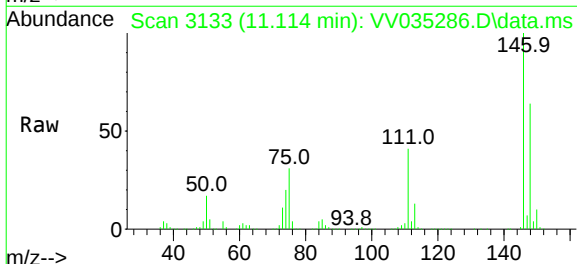
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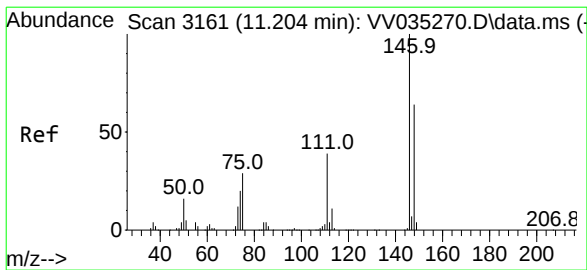
Reviewed By :Mahesh Dadoda 04/23/2024
Supervised By :Semsettin Yesilyurt 04/23/2024



#64
1,3-Dichlorobenzene
Concen: 313.363 ug/L
RT: 11.114 min Scan# 3133
Delta R.T. 0.000 min
Lab File: VV035286.D
Acq: 18 Apr 2024 16:26

Tgt Ion:146 Resp: 2267063
Ion Ratio Lower Upper
146 100
111 40.6 28.7 53.3
148 64.4 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 2036.899 ug/L m

RT: 11.210 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV035286.D

Acq: 18 Apr 2024 16:26

Instrument :

MSVOA_V

ClientSampleId :

MCORE0

Tgt Ion:146 Resp:14985649

Ion Ratio Lower Upper

146 100

111 52.3 27.4 50.8#

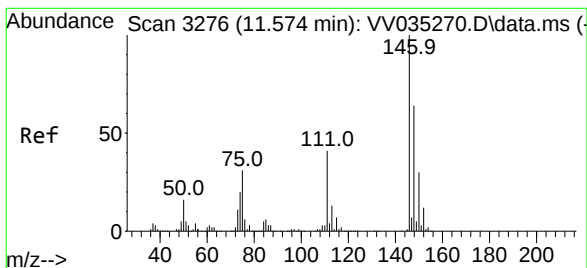
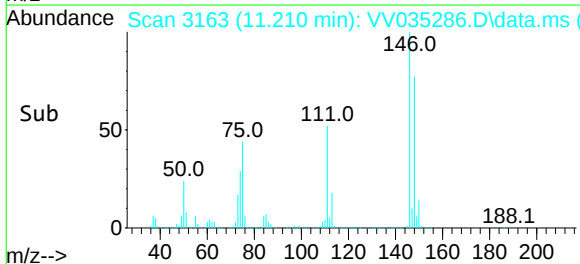
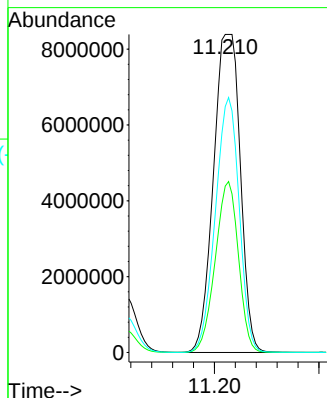
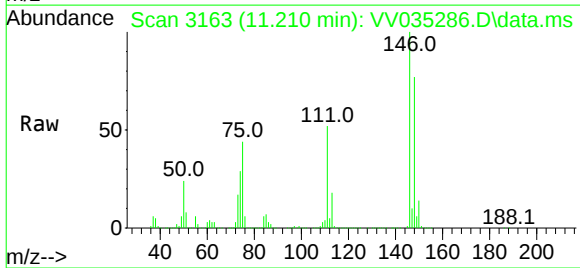
148 77.3 44.2 82.2

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#67

1,2-Dichlorobenzene

Concen: 2061.418 ug/L

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV035286.D

Acq: 18 Apr 2024 16:26

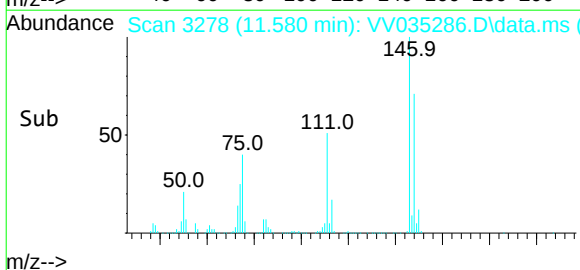
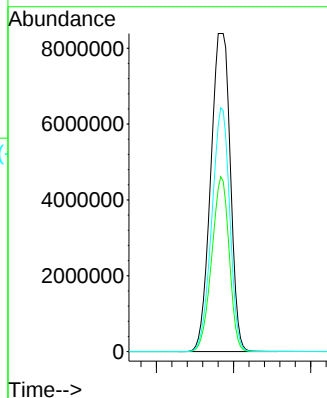
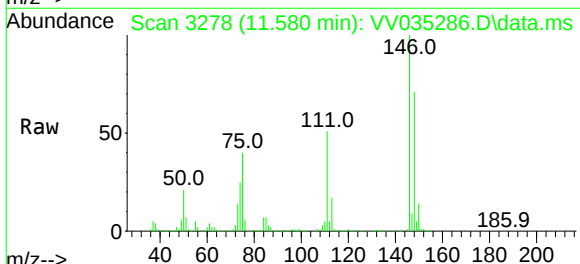
Tgt Ion:146 Resp:14856593

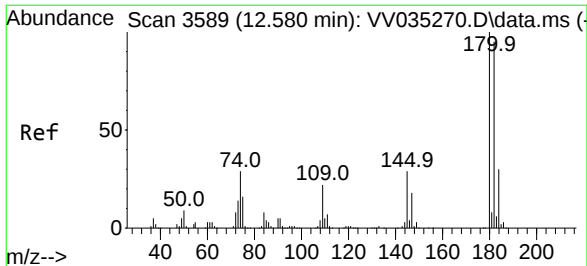
Ion Ratio Lower Upper

146 100

111 51.3 34.6 52.0

148 71.2 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 3.004 ug/L

RT: 12.583 min Scan# 3589

Delta R.T. 0.003 min

Lab File: VV035286.D

Acq: 18 Apr 2024 16:26

Instrument :

MSVOA_V

ClientSampleId :

MCORE0

Tgt Ion:180 Resp: 15662

Ion Ratio Lower Upper

180 100

182 94.3 74.7 112.1

184 31.7 24.0 36.0

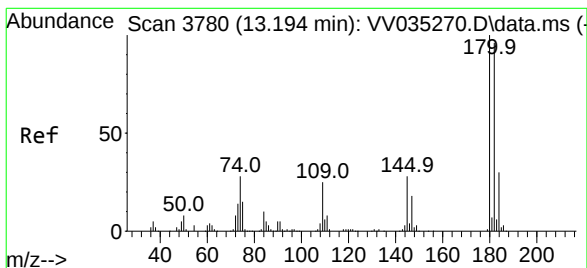
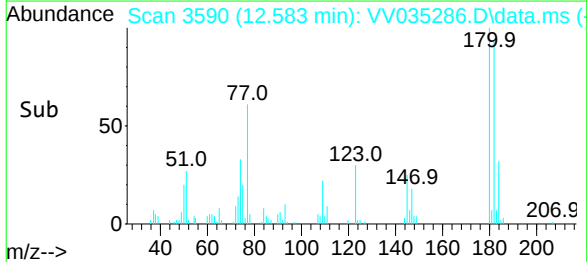
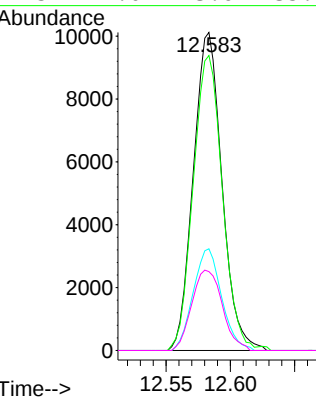
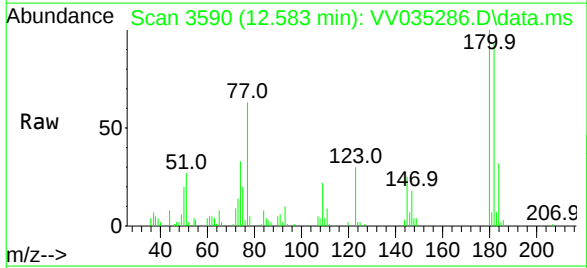
145 27.0 23.6 35.4

Manual Integrations

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#70

1,2,4-trichlorobenzene

Concen: 1700.170 ug/L

RT: 13.201 min Scan# 3782

Delta R.T. 0.006 min

Lab File: VV035286.D

Acq: 18 Apr 2024 16:26

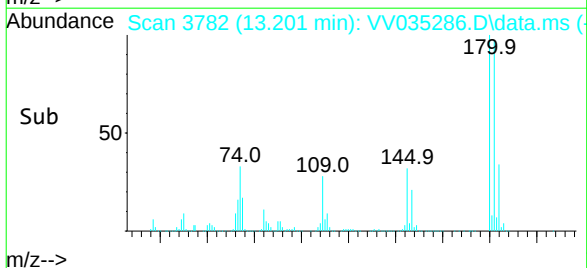
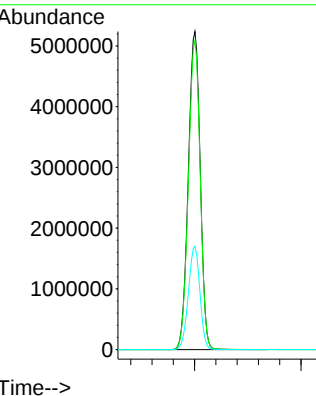
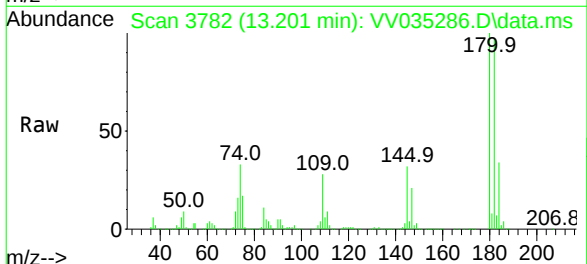
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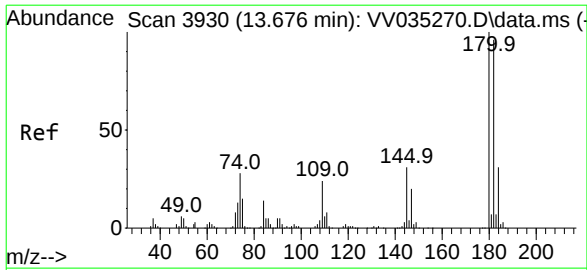
Ion Ratio Lower Upper

180 100

182 96.3 75.6 113.4

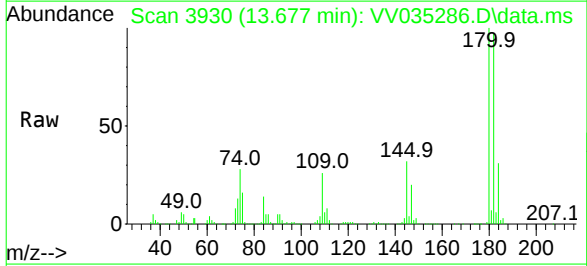
145 31.4 24.1 36.1





#72
1,2,3-Trichlorobenzene
Concen: 466.535 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035286.D
Acq: 18 Apr 2024 16:26

Instrument :
MSVOA_V
ClientSampleId :
MCORE0



Tgt Ion:	180	Resp:	2202543
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.2	114.2
145	31.4	25.8	38.6

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