

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
 Data File : VV035025.D
 Acq On : 05 Apr 2024 23:52
 Operator : SY/MD
 Sample : P2006-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MC0RF2

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/08/2024
 Supervised By :Semsettin Yesilyurt 04/08/2024

Quant Time: Apr 06 03:19:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	423602	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	446340	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	265661	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	179633	43.910	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.820%		
7) Chloroethane-d5	1.532	69	161428	45.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.860%		
11) 1,1-Dichloroethene-d2	2.059	65	78159	43.585	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.160%		
21) 2-Butanone-d5	3.793	46	208622	85.985	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.990%		
24) Chloroform-d	4.246	84	296302	43.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.160%		
26) 1,2-Dichloroethane-d4	4.944	65	195814	44.840	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.680%		
32) Benzene-d6	4.960	84	628003	41.887	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.780%		
36) 1,2-Dichloropropane-d6	5.985	67	192590	40.452	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	80.900%		
41) Toluene-d8	7.243	98	542510	40.179	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.360%		
43) trans-1,3-Dichloroprop...	7.551	79	85305	36.857	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.720%		
47) 2-Hexanone-d5	8.027	63	135470	75.260	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.260%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	270051	41.190	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.380%		
66) 1,2-Dichlorobenzene-d4	11.567	152	245048	41.083	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.160%		
Target Compounds						Qvalue
25) Chloroform	4.278	83	75360	12.093	ug/L	99
29) Cyclohexane	4.580	56	8728	1.561	ug/L	99
31) Carbon tetrachloride	4.735	117	72687	14.740	ug/L	99
33) Benzene	4.998	78	24890954m	1710.188	ug/L	
51) Chlorobenzene	8.808	112	29342556m	2971.157	ug/L	
64) 1,3-Dichlorobenzene	11.117	146	3359613	375.373	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	21411561m	2352.510	ug/L	
67) 1,2-Dichlorobenzene	11.580	146	19272416m	2161.585	ug/L	
69) 1,3,5-Trichlorobenzene	12.583	180	25371	3.933	ug/L	95
70) 1,2,4-trichlorobenzene	13.207	180	13195383	2227.026	ug/L	96
72) 1,2,3-Trichlorobenzene	13.680	180	3335381	571.077	ug/L	100

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

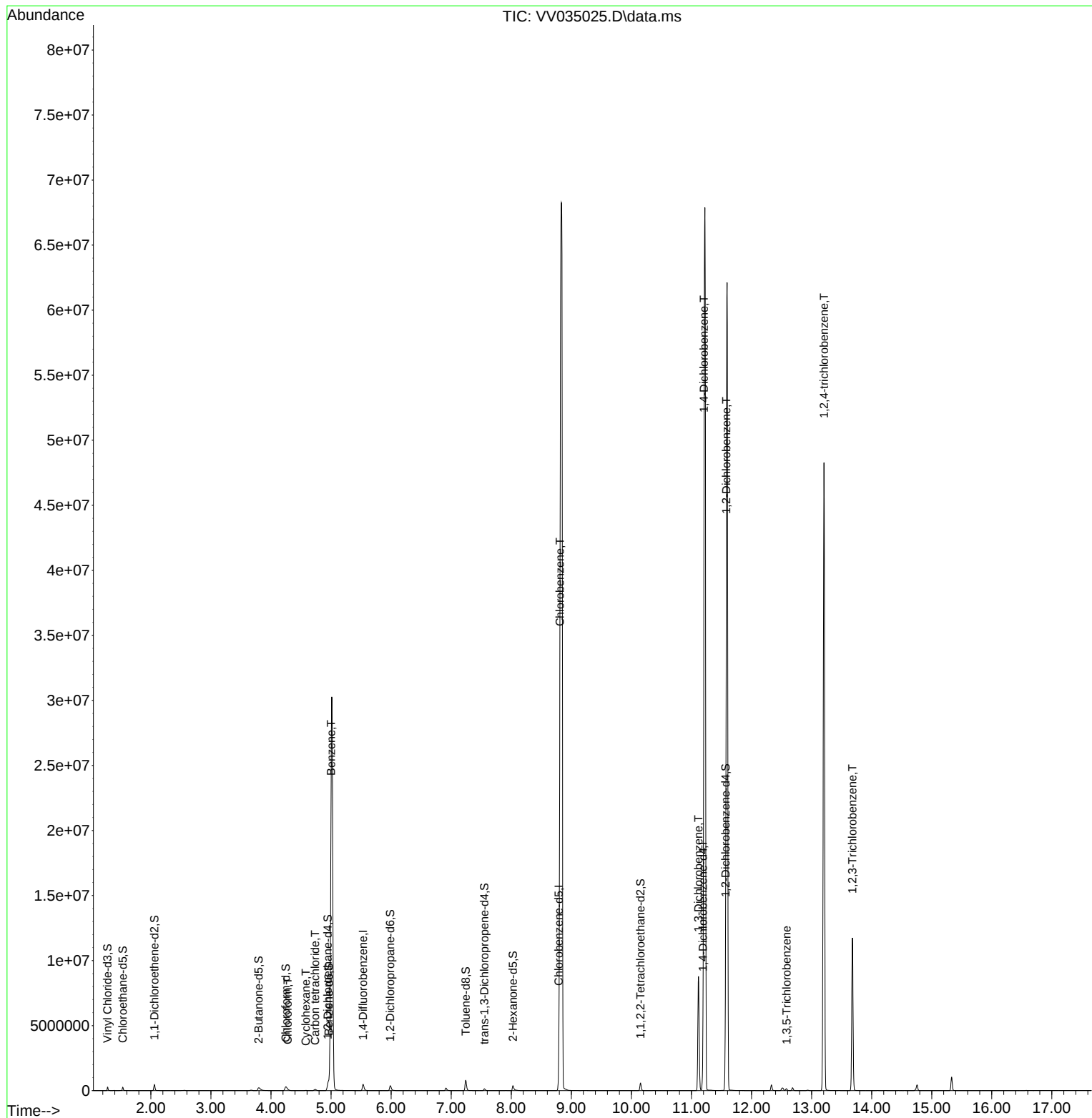
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040524\
Data File : VV035025.D
Acq On : 05 Apr 2024 23:52
Operator : SY/MD
Sample : P2006-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

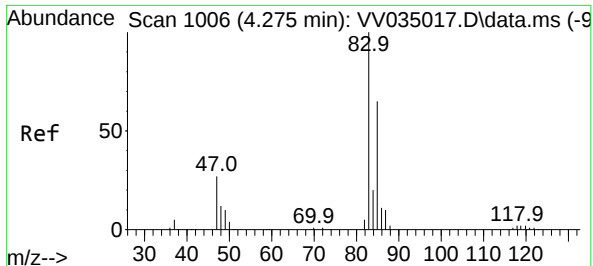
Instrument :
MSVOA_V
ClientSampleId :
MCORF2

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 06 02:25:24 2024
Response via : Initial Calibration





#25

Chloroform

Concen: 12.093 ug/L

RT: 4.278 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :

MC0RF2

Tgt Ion: 83 Resp: 75360

Ion Ratio Lower Upper

83 100

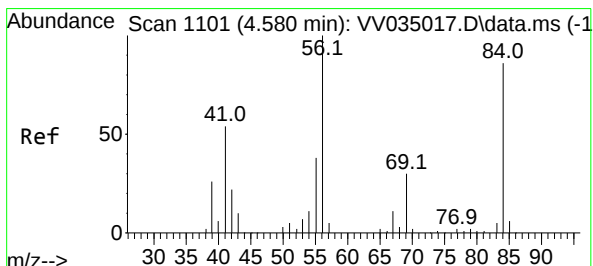
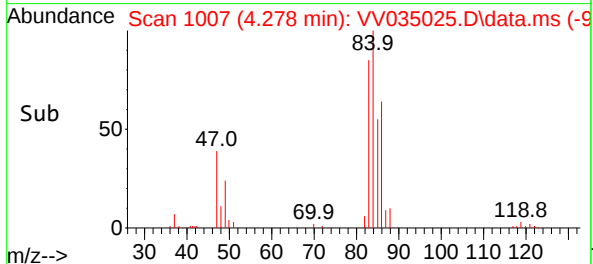
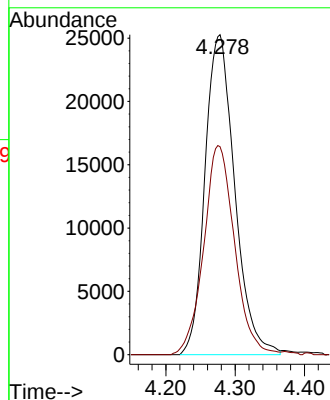
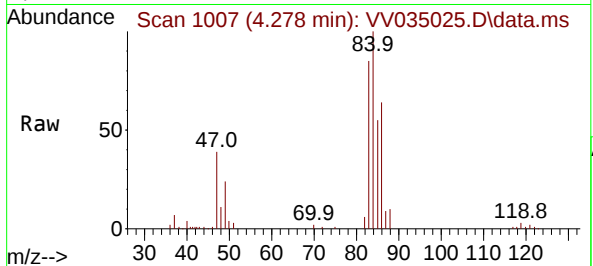
85 65.0 46.0 85.4

Manual Integrations

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#29

Cyclohexane

Concen: 1.561 ug/L

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

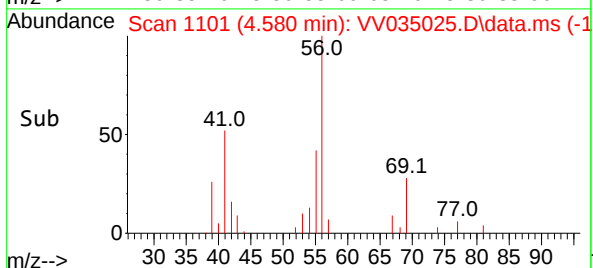
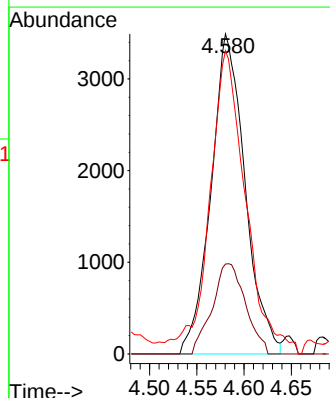
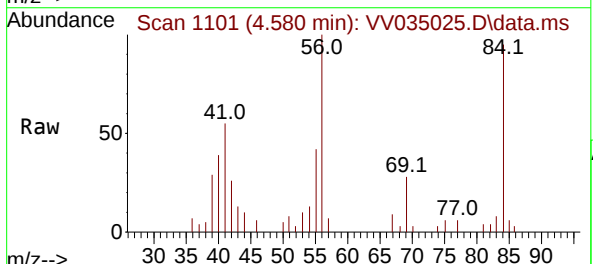
Tgt Ion: 56 Resp: 8728

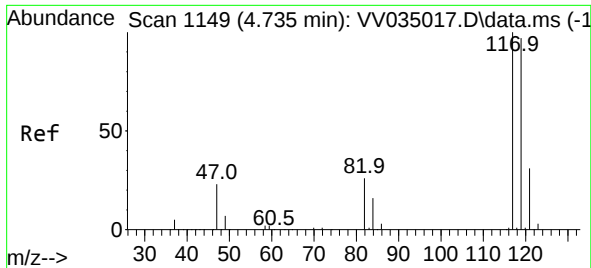
Ion Ratio Lower Upper

56 100

69 27.6 24.2 36.2

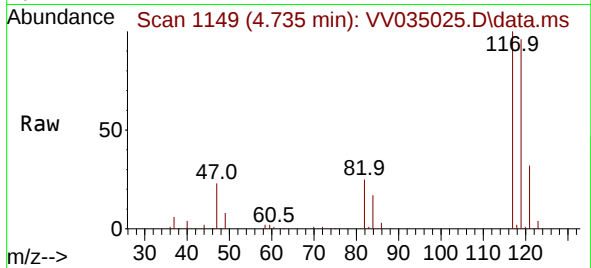
84 87.6 69.8 104.8





#31
Carbon tetrachloride
Concen: 14.740 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV035025.D
Acq: 05 Apr 2024 23:52

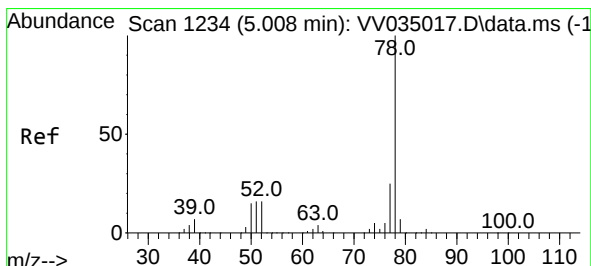
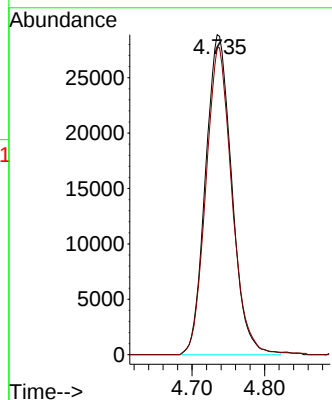
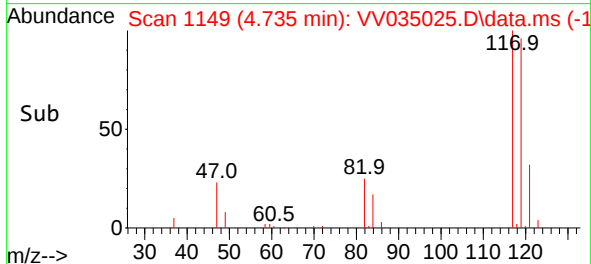
Instrument :
MSVOA_V
ClientSampleId :
MCORF2



Tgt Ion:117 Resp: 7268
Ion Ratio Lower Upper
117 100
119 95.0 77.1 115.7

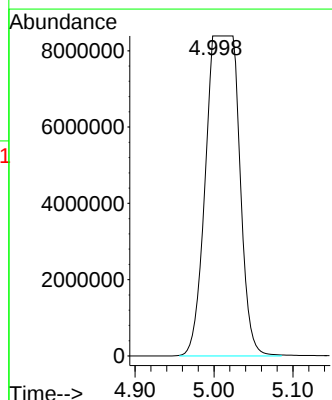
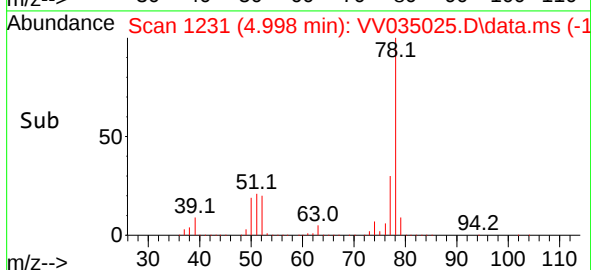
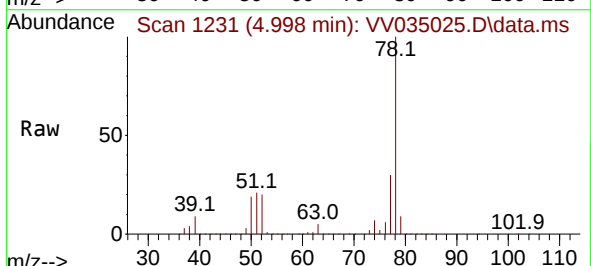
Manual Integrations
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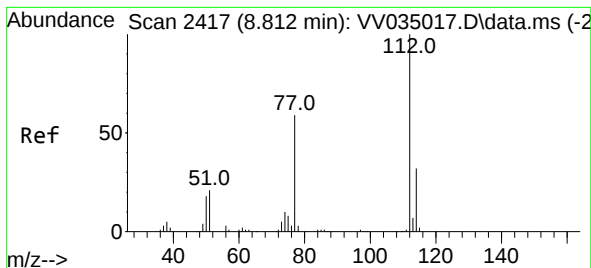
Reviewed By :Mahesh Dadoda 04/08/2024
Supervised By :Semsettin Yesilyurt 04/08/2024



#33
Benzene
Concen: 1710.188 ug/L m
RT: 4.998 min Scan# 1231
Delta R.T. -0.010 min
Lab File: VV035025.D
Acq: 05 Apr 2024 23:52

Tgt Ion: 78 Resp:24890954





#51

Chlorobenzene

Concen: 2971.157 ug/L m

RT: 8.808 min Scan# 2417

Delta R.T. -0.003 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :

MCORF2

Tgt Ion:112 Resp:2934255

Ion Ratio Lower Upper

112 100

114 39.8 22.0 41.0

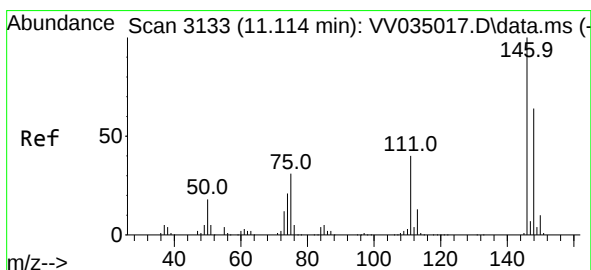
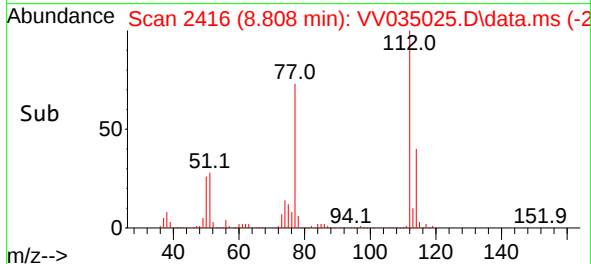
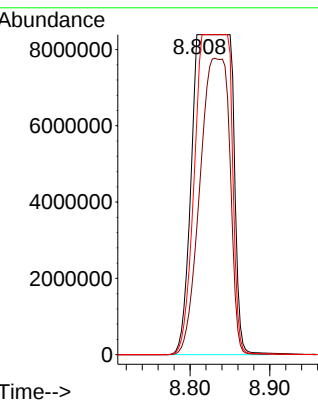
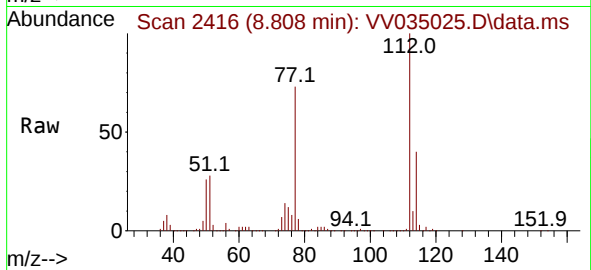
77 73.4 47.4 71.2

Manual Integrations

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#64

1,3-Dichlorobenzene

Concen: 375.373 ug/L

RT: 11.117 min Scan# 3134

Delta R.T. 0.003 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

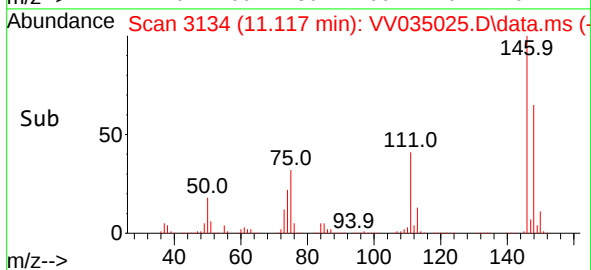
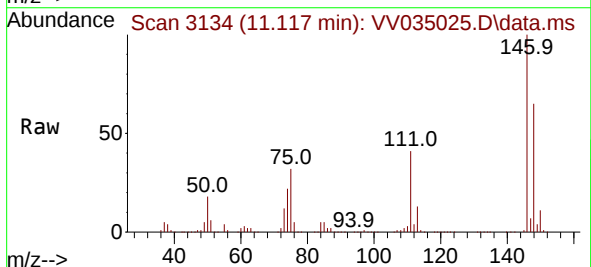
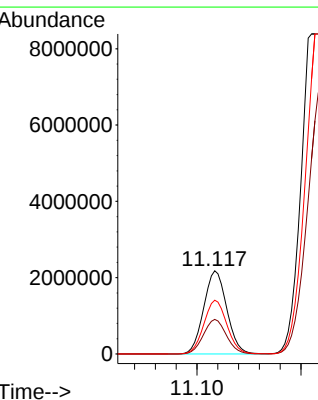
Tgt Ion:146 Resp: 3359613

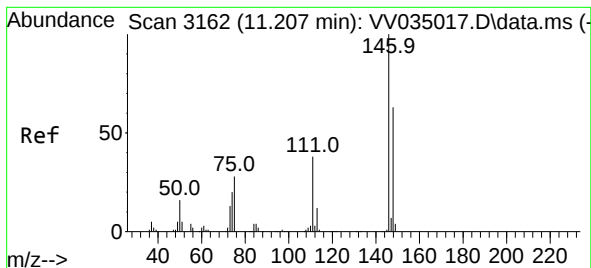
Ion Ratio Lower Upper

146 100

111 41.5 28.7 53.3

148 64.6 44.0 81.8





#65

1,4-Dichlorobenzene

Concen: 2352.510 ug/L m

RT: 11.210 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :

MCORF2

Tgt Ion:146 Resp:2141156

Ion Ratio Lower Upper

146 100

111 60.9 27.4 50.8

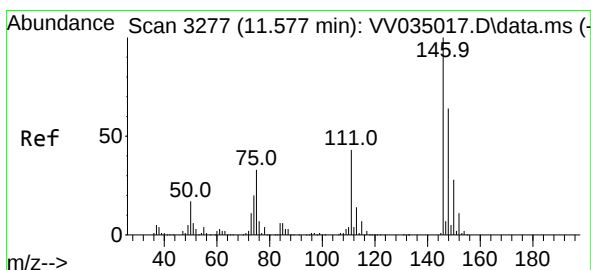
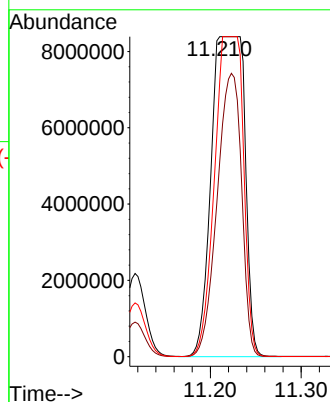
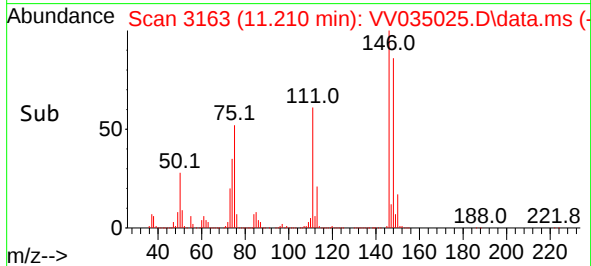
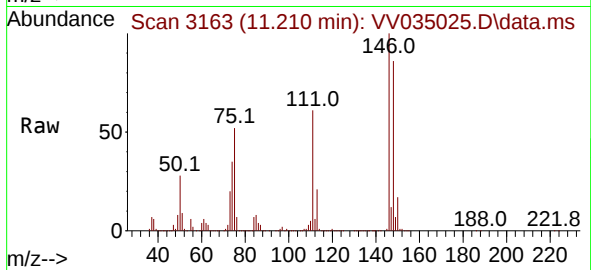
148 85.9 44.2 82.2

Manual Integrations

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#67

1,2-Dichlorobenzene

Concen: 2161.585 ug/L m

RT: 11.580 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

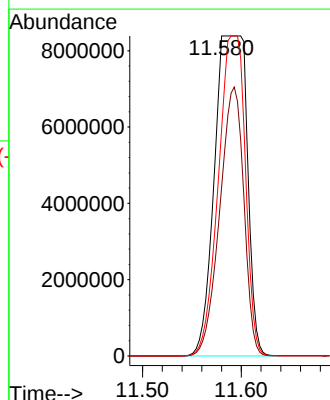
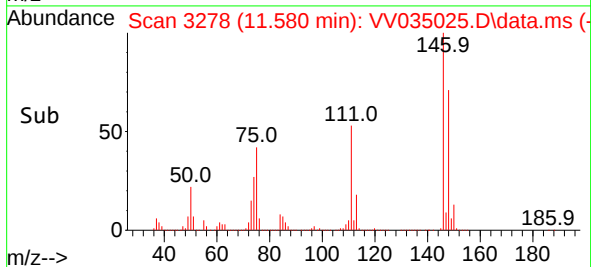
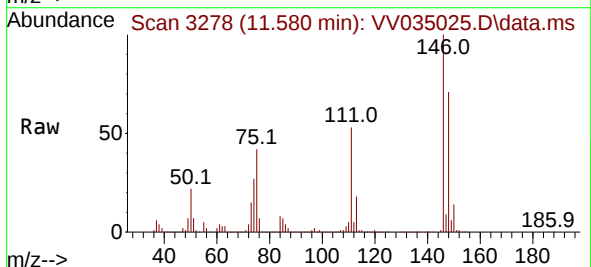
Tgt Ion:146 Resp:19272416

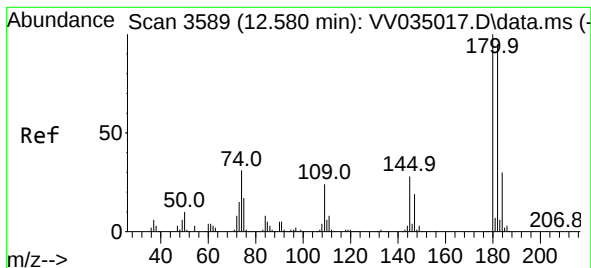
Ion Ratio Lower Upper

146 100

111 52.9 34.6 52.0

148 70.9 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 3.933 ug/L

RT: 12.583 min Scan# 3590

Delta R.T. 0.003 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

Instrument :

MSVOA_V

ClientSampleId :

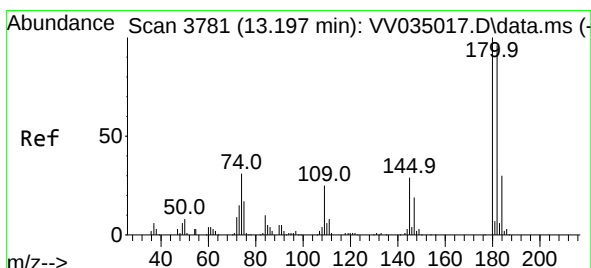
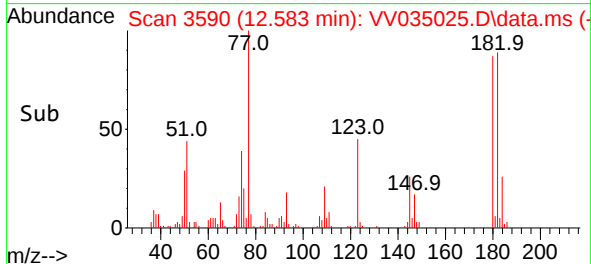
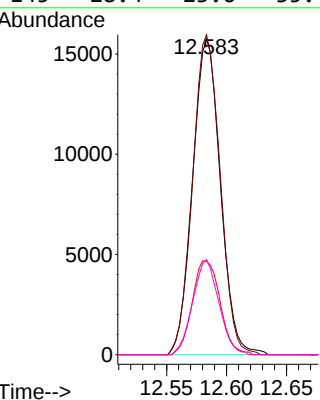
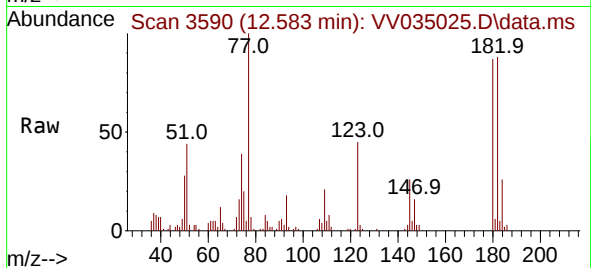
MC0RF2

Tgt Ion:	180	Resp:	2537
Ion Ratio	Lower	Upper	
180	100		
182	99.9	74.7	112.1
184	29.6	24.0	36.0
145	28.4	23.6	35.4

Manual Integrations

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#70

1,2,4-trichlorobenzene

Concen: 2227.026 ug/L

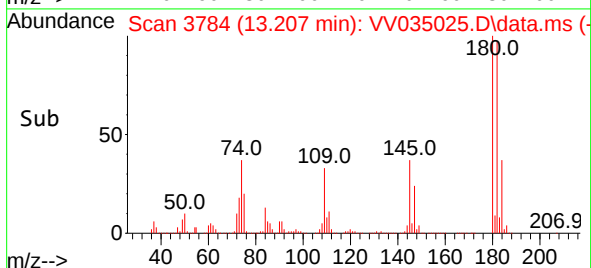
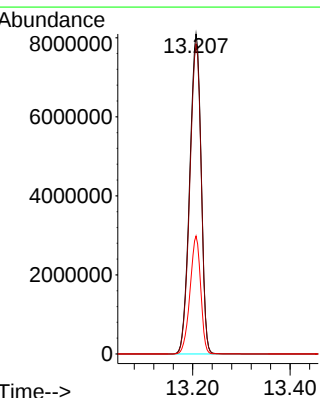
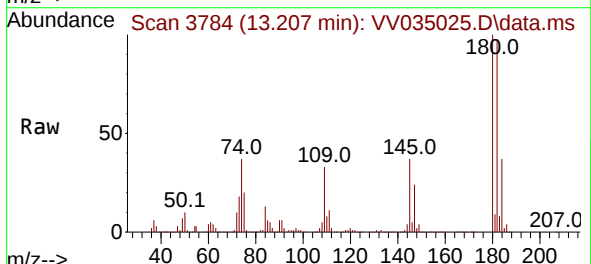
RT: 13.207 min Scan# 3784

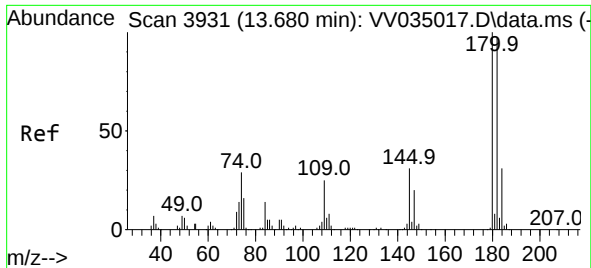
Delta R.T. 0.010 min

Lab File: VV035025.D

Acq: 05 Apr 2024 23:52

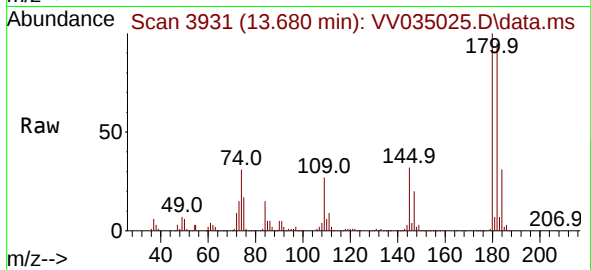
Tgt Ion:	180	Resp:	13195383
Ion Ratio	Lower	Upper	
180	100		
182	96.7	75.6	113.4
145	34.3	24.1	36.1





#72
1,2,3-Trichlorobenzene
Concen: 571.077 ug/L
RT: 13.680 min Scan# 3931
Delta R.T. -0.000 min
Lab File: VV035025.D
Acq: 05 Apr 2024 23:52

Instrument :
MSVOA_V
ClientSampleId :
MC0RF2



Tgt Ion:180 Resp: 333538
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.2
145 32.0 25.8 38.6

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