

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042224\
 Data File : VW035333.D
 Acq On : 22 Apr 2024 15:16
 Operator : SY/MD
 Sample : P2182-02 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CORK0

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024
 Supervised By :Semsettin Yesilyurt 04/26/2024

Quant Time: Apr 23 00:31:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 23 00:28:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	154505	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	127245	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	47159	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	50937	34.137	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	68.280%		
7) Chloroethane-d5	1.532	69	68553	52.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	105.780%		
11) 1,1-Dichloroethene-d2	2.060	65	17354	26.532	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	53.060%#		
21) 2-Butanone-d5	3.851	46	11800m	13.334	ug/L	0.06
Spiked Amount 100.000	Range 40 - 130		Recovery =	13.330%#		
24) Chloroform-d	4.249	84	181029	72.159	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	144.320%#		
26) 1,2-Dichloroethane-d4	4.941	65	147311	92.486	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	184.980%#		
32) Benzene-d6	4.960	84	258736	60.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	121.060%		
36) 1,2-Dichloropropane-d6	5.989	67	120933	89.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	178.200%#		
41) Toluene-d8	7.246	98	131539	34.172	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	68.340%#		
43) trans-1,3-Dichloroprop...	7.558	79	36990	56.060	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	112.120%		
47) 2-Hexanone-d5	8.027	63	53947	105.127	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.130%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	224547	120.138	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	240.280%#		
66) 1,2-Dichlorobenzene-d4	11.558	152	64699m	61.105	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	122.200%#		
Target Compounds					Qvalue	
13) Acetone	2.124	43	9016	11.097	ug/L	92
16) Methylene chloride	2.449	84	3639	2.896	ug/L	87
33) Benzene	5.005	78	2466726	594.495	ug/L	100
51) Chlorobenzene	8.809	112	3430270	1218.375	ug/L	99
64) 1,3-Dichlorobenzene	11.120	146	27915	17.570	ug/L	95
65) 1,4-Dichlorobenzene	11.207	146	670022	414.701	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	817109	516.273	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	20013	19.027	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	5206	5.021	ug/L	100

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

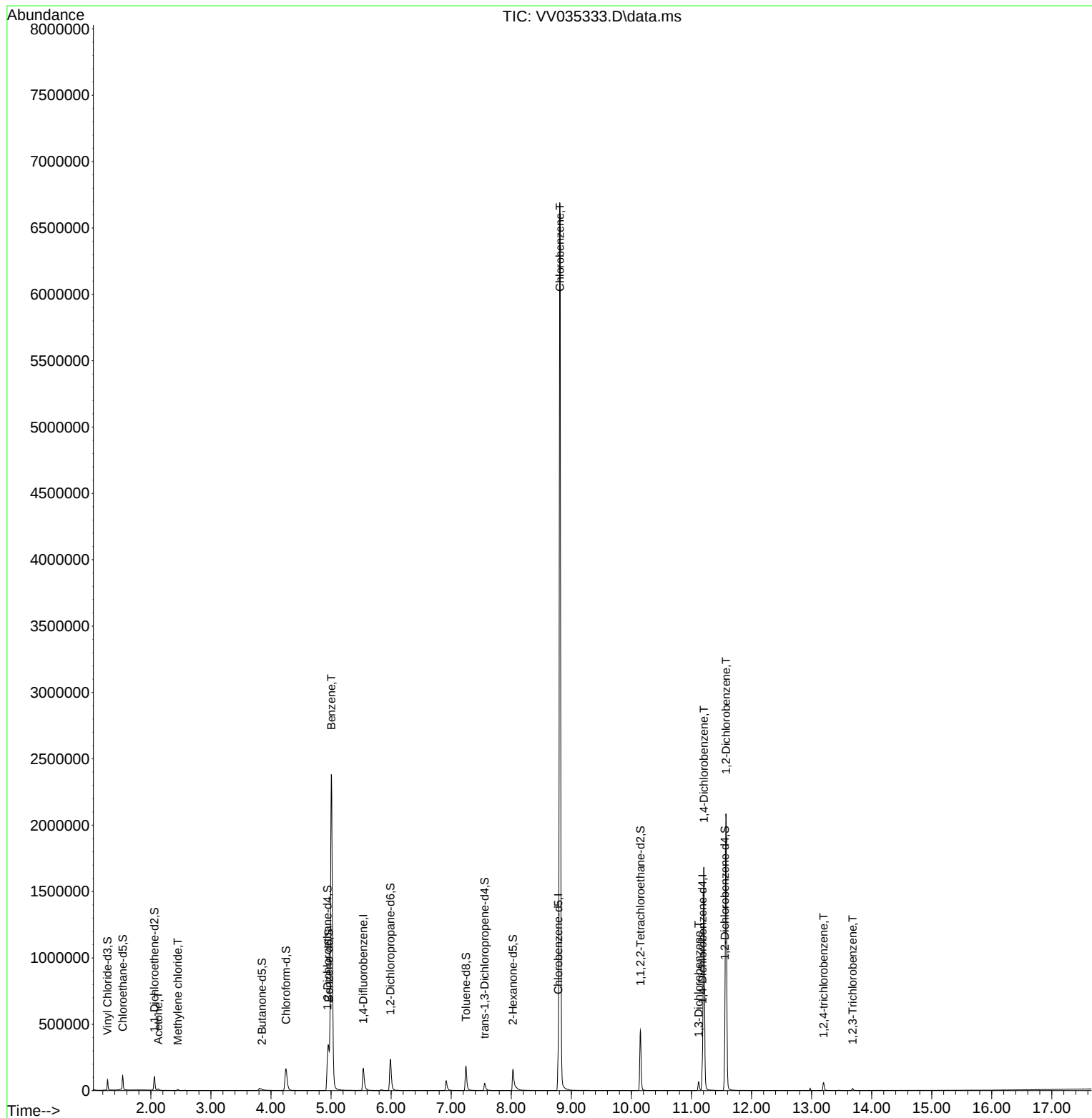
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042224\
Data File : VV035333.D
Acq On : 22 Apr 2024 15:16
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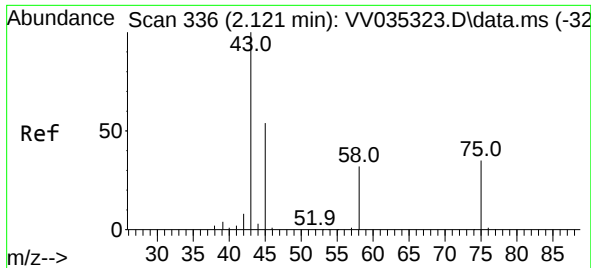
Instrument :
MSVOA_V
ClientSampleId :
CORK0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 23 00:28:07 2024
Response via : Initial Calibration





#13

Acetone

Concen: 11.097 ug/L

RT: 2.124 min Scan# 336

Delta R.T. 0.003 min

Lab File: VV035333.D

Acq: 22 Apr 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :

CORK0

Tgt Ion: 43 Resp: 9010

Ion Ratio Lower Upper

43 100

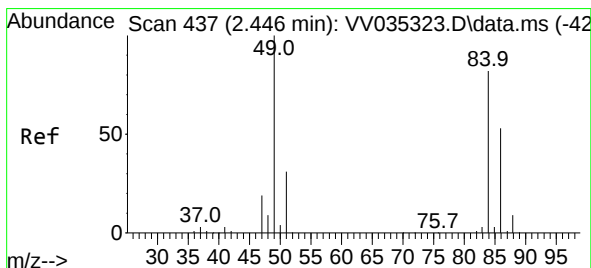
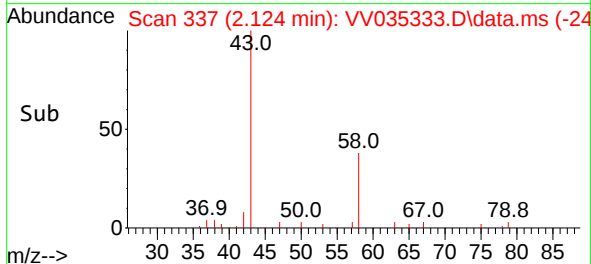
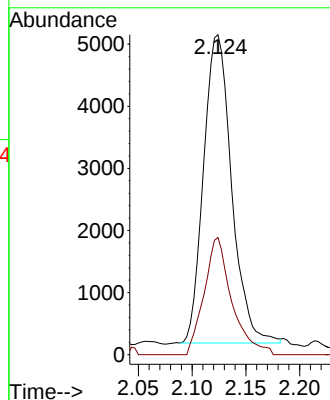
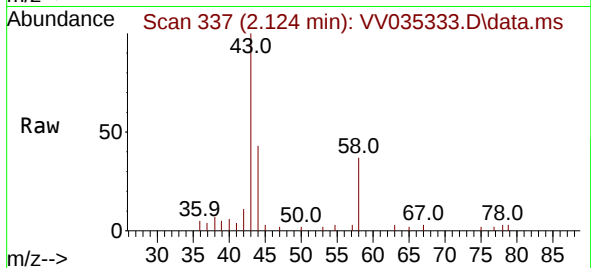
58 37.3 0.0 66.0

Manual Integrations

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#16

Methylene chloride

Concen: 2.896 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.003 min

Lab File: VV035333.D

Acq: 22 Apr 2024 15:16

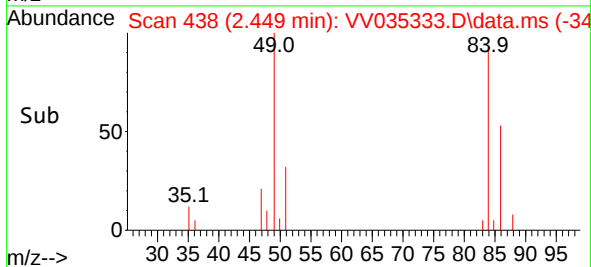
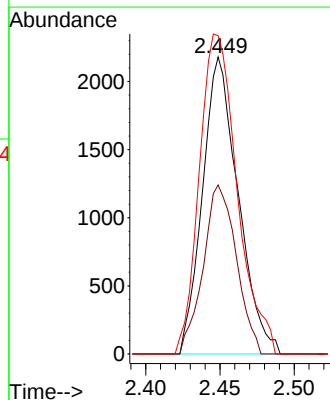
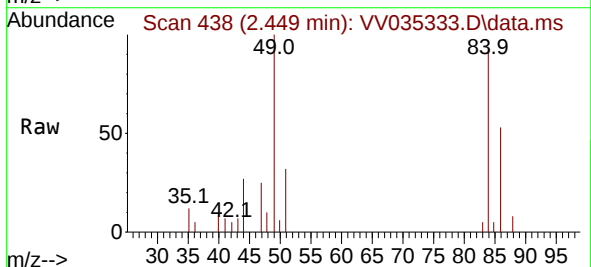
Tgt Ion: 84 Resp: 3639

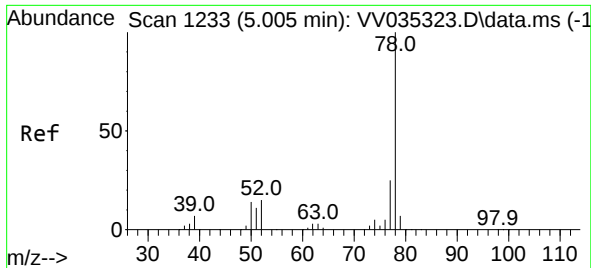
Ion Ratio Lower Upper

84 100

86 56.9 44.6 82.8

49 107.2 86.9 161.3





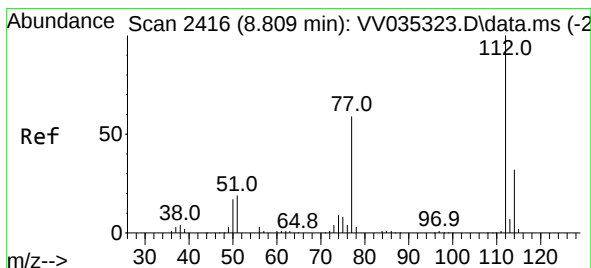
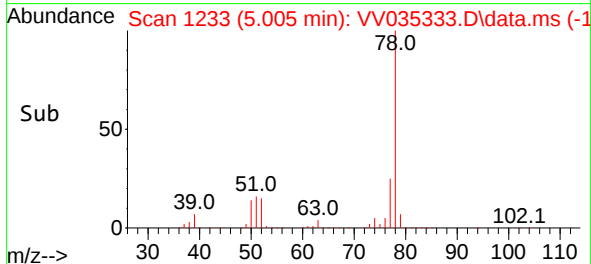
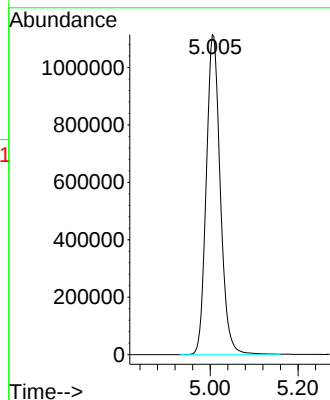
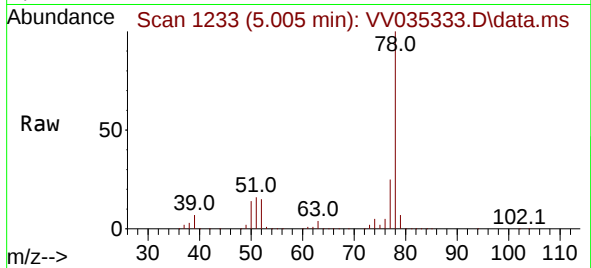
#33
Benzene
Concen: 594.495 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. -0.000 min
Lab File: VV035333.D
Acq: 22 Apr 2024 15:16

Instrument :
MSVOA_V
ClientSampleId :
CORK0

Tgt Ion: 78 Resp: 2466720

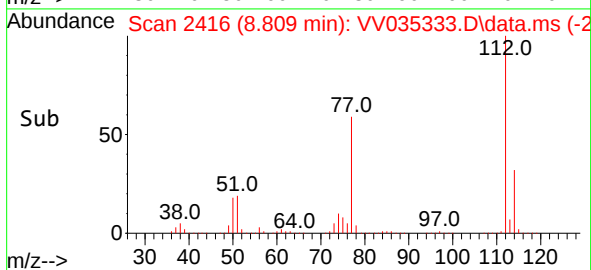
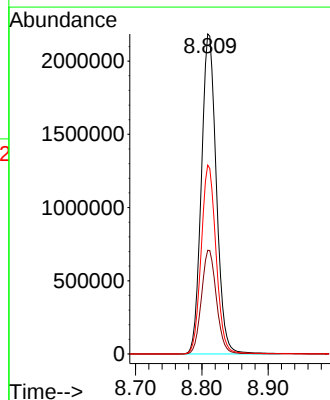
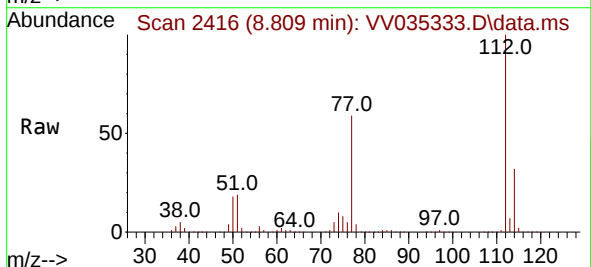
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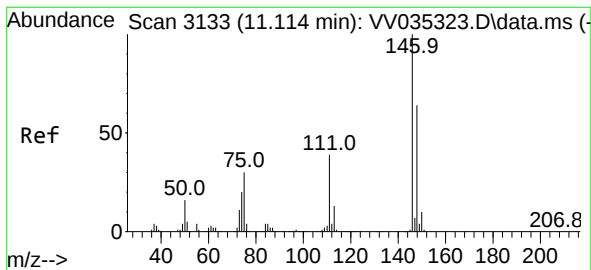
Reviewed By :Mahesh Dadoda 04/26/2024
Supervised By :Semsettin Yesilyurt 04/26/2024



#51
Chlorobenzene
Concen: 1218.375 ug/L
RT: 8.809 min Scan# 2416
Delta R.T. -0.000 min
Lab File: VV035333.D
Acq: 22 Apr 2024 15:16

Tgt Ion:112 Resp: 3430270
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 59.0 47.4 71.2





#64

1,3-Dichlorobenzene

Concen: 17.570 ug/L

RT: 11.120 min Scan# 3133

Delta R.T. 0.006 min

Lab File: VV035333.D

Acq: 22 Apr 2024 15:16

Instrument :

MSVOA_V

ClientSampleId :

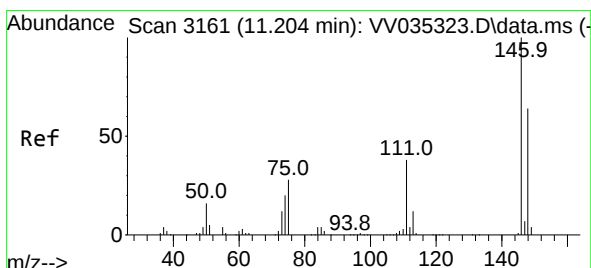
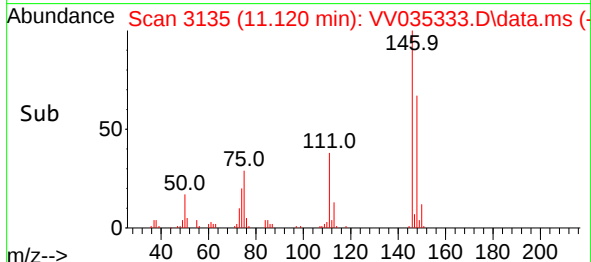
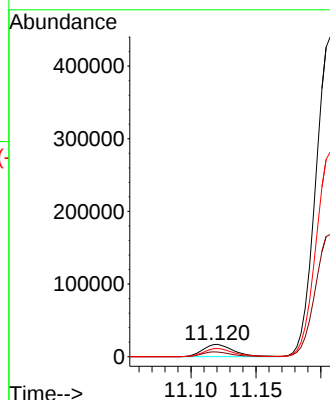
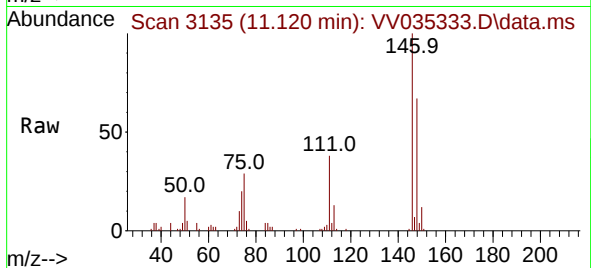
CORK0

Tgt Ion:146	Resp:	2791
Ion Ratio	Lower	Upper
146	100	
111	37.8	28.7 53.3
148	67.1	44.0 81.8

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#65

1,4-Dichlorobenzene

Concen: 414.701 ug/L

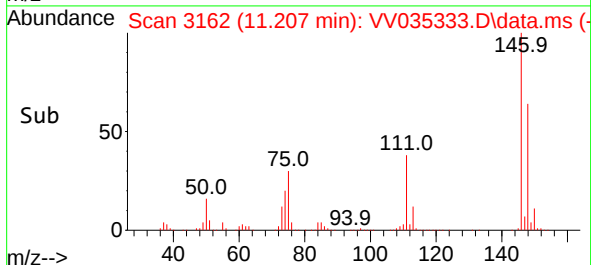
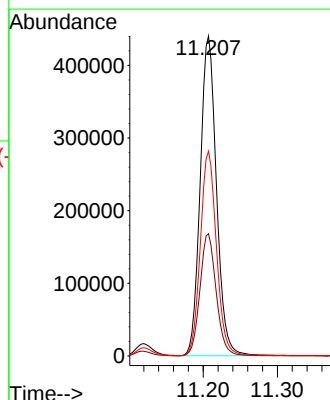
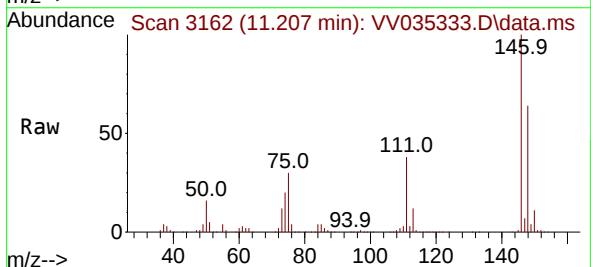
RT: 11.207 min Scan# 3162

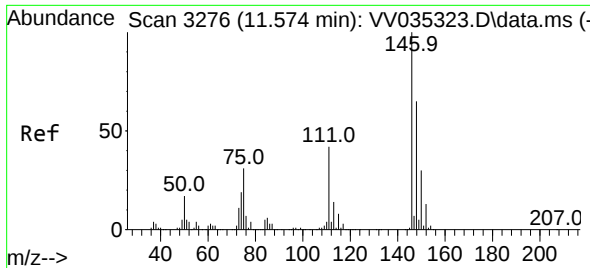
Delta R.T. 0.003 min

Lab File: VV035333.D

Acq: 22 Apr 2024 15:16

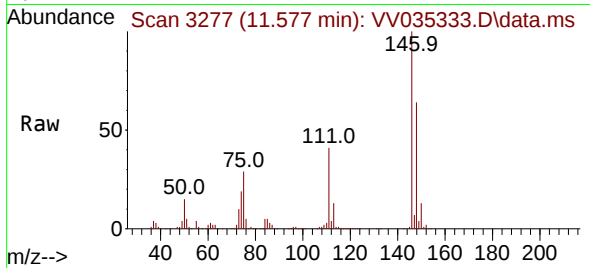
Tgt Ion:146	Resp:	670022
Ion Ratio	Lower	Upper
146	100	
111	38.2	27.4 50.8
148	64.0	44.2 82.2





#67
1,2-Dichlorobenzene
Concen: 516.273 ug/L
RT: 11.577 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035333.D
Acq: 22 Apr 2024 15:16

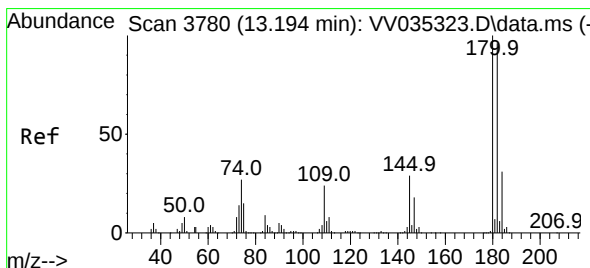
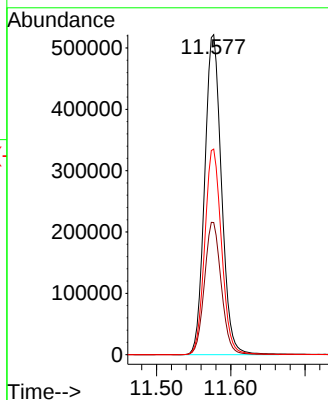
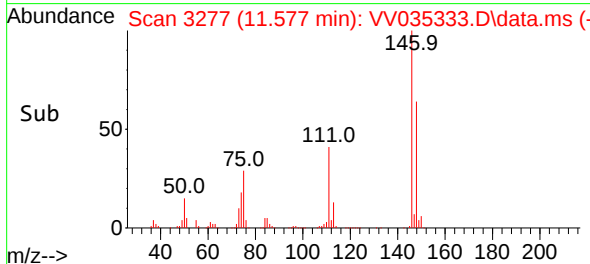
Instrument :
MSVOA_V
ClientSampleId :
CORK0



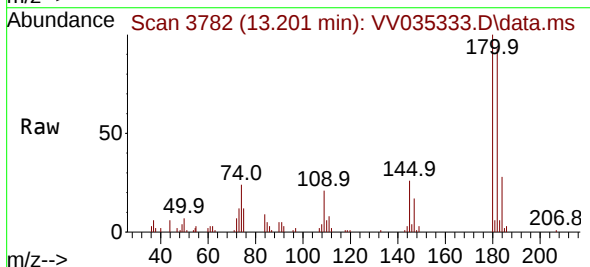
Tgt Ion:146 Resp: 817109
Ion Ratio Lower Upper
146 100
111 41.3 34.6 52.0
148 64.2 51.5 77.3

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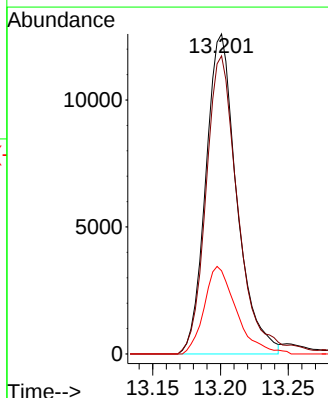
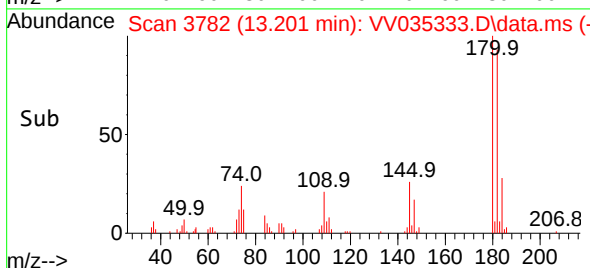
Reviewed By :Mahesh Dadoda 04/26/2024
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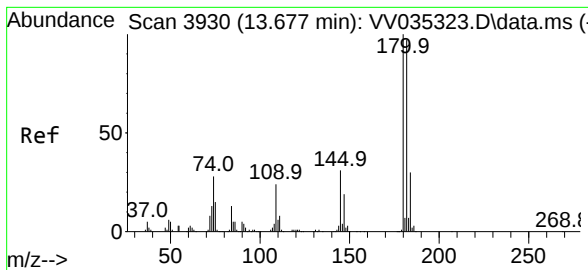


#70
1,2,4-trichlorobenzene
Concen: 19.027 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.006 min
Lab File: VV035333.D
Acq: 22 Apr 2024 15:16



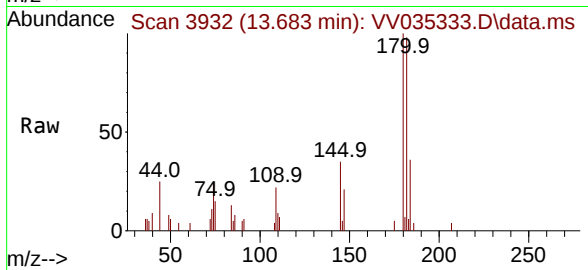
Tgt Ion:180 Resp: 20013
Ion Ratio Lower Upper
180 100
182 95.3 75.6 113.4
145 28.4 24.1 36.1





#72
 1,2,3-Trichlorobenzene
 Concen: 5.021 ug/L
 RT: 13.683 min Scan# 3932
 Delta R.T. 0.006 min
 Lab File: VV035333.D
 Acq: 22 Apr 2024 15:16

Instrument :
 MSVOA_V
 ClientSampleId :
 CORK0



Tgt Ion:	180	Resp:	5200
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.2	114.2
145	32.0	25.8	38.6

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