

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
 Data File : VX039357.D
 Acq On : 19 Dec 2023 15:33
 Operator : JC/MD
 Sample : 05835-19
 Misc : 4.00g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 C0AR9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2023
 Supervised By : Mahesh Dadoda 12/20/2023

Quant Time: Dec 19 22:06:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 19 22:02:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	209761	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.067	117	168904	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	12.037	152	91785	50.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	76863	46.718	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.440%		
7) Chloroethane-d5	1.648	69	28696	23.597	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	47.200%#		
11) 1,1-Dichloroethene-d2	2.288	65	35390	49.003	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.000%		
21) 2-Butanone-d5	4.483	46	123853	83.163	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.160%		
24) Chloroform-d	5.056	84	130531	44.818	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.640%		
26) 1,2-Dichloroethane-d4	5.952	65	97210	51.537	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.080%		
32) Benzene-d6	5.971	84	289272	55.494	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	110.980%		
36) 1,2-Dichloropropane-d6	7.306	67	88796	52.932	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.860%		
41) Toluene-d8	8.647	98	245492	51.968	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.940%		
43) trans-1,3-Dichloroprop...	8.952	79	36438	42.683	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.360%		
47) 2-Hexanone-d5	9.403	63	96993	96.804	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	96.800%		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	115966	48.730	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.460%		
66) 1,2-Dichlorobenzene-d4	12.323	152	82584	47.602	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.200%		
Target Compounds						
13) Acetone	2.404	43	4768	3.333	ug/L	70
15) Methyl Acetate	2.715	43	10436	5.103	ug/L	93
33) Benzene	6.038	78	3032690	564.996	ug/L	100
51) Chlorobenzene	10.104	112	22107199m	6287.786	ug/L	
64) 1,3-Dichlorobenzene	11.976	146	1250772	435.711	ug/L	97
65) 1,4-Dichlorobenzene	12.067	146	14658340	5039.096	ug/L	85
67) 1,2-Dichlorobenzene	12.341	146	2126808	774.512	ug/L	96
69) 1,3,5-Trichlorobenzene	13.116	180	42191	22.224	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	615419	343.869	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	361605	208.670	ug/L	98

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

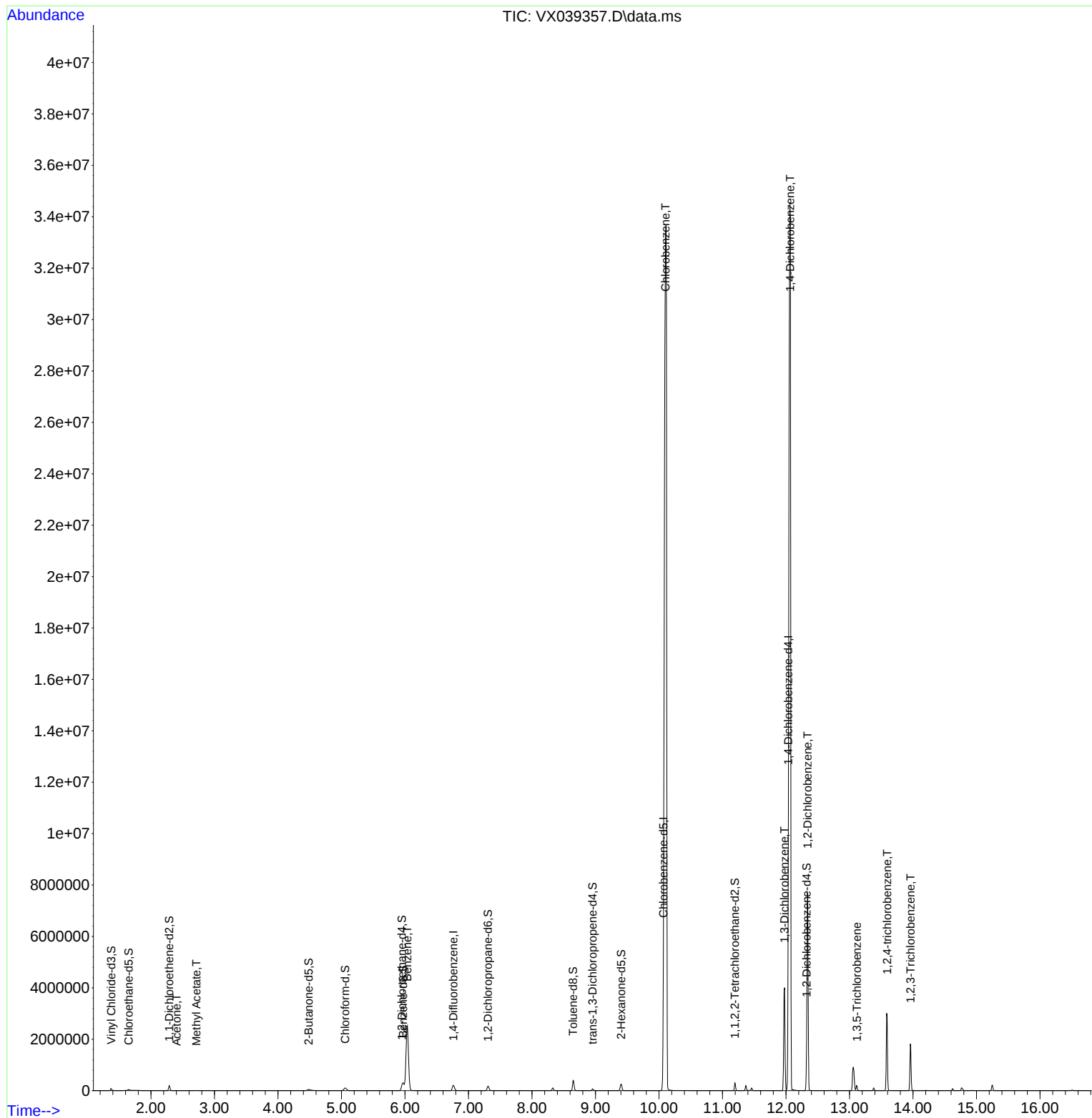
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121923\
Data File : VX039357.D
Acq On : 19 Dec 2023 15:33
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ALS Vial : 17 Sample Multiplier: 1

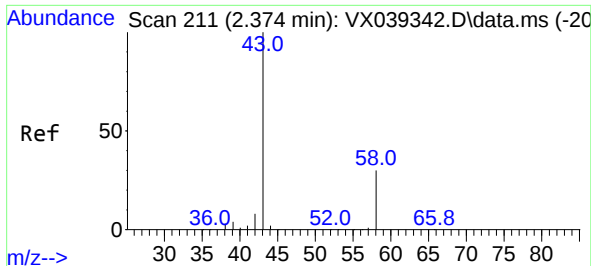
Instrument :
MSVOA_X
ClientSampleId :
C0AR9

Quant Time: Dec 19 22:06:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 19 22:02:33 2023
Response via : Initial Calibration

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#13

Acetone

Concen: 3.333 ug/L

RT: 2.404 min Scan# 211

Delta R.T. 0.031 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

C0AR9

Tgt Ion: 43 Resp: 4768

Ion Ratio Lower Upper

43 100

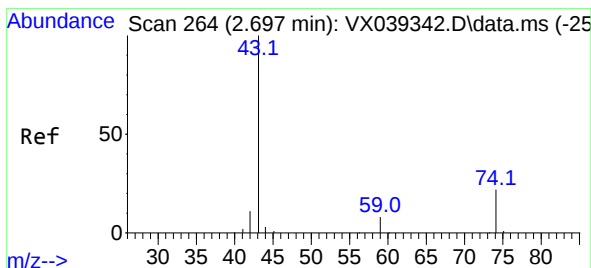
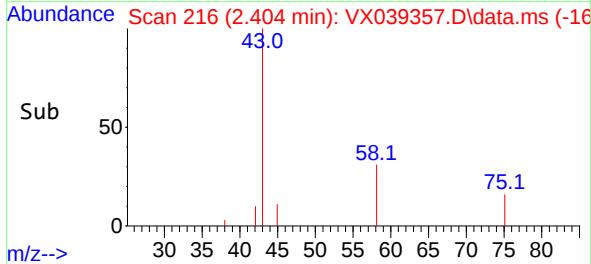
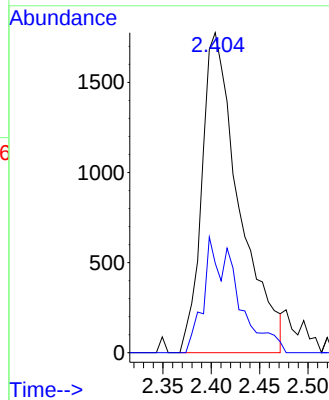
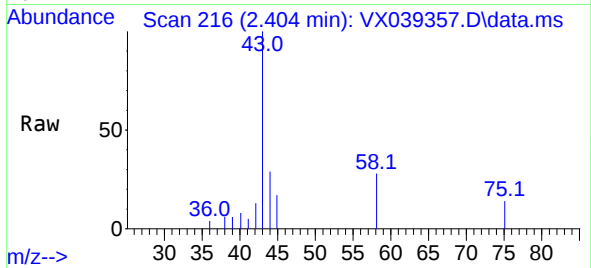
58 16.0 0.0 65.8

Manual Integrations

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#15

Methyl Acetate

Concen: 5.103 ug/L

RT: 2.715 min Scan# 267

Delta R.T. 0.018 min

Lab File: VX039357.D

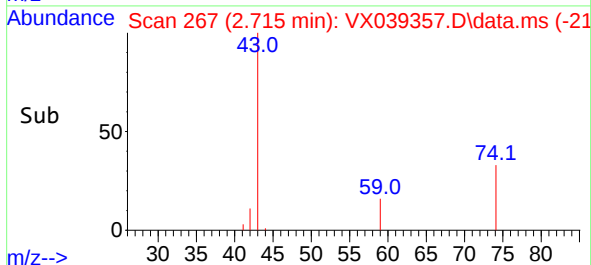
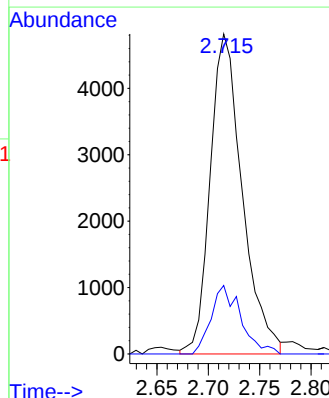
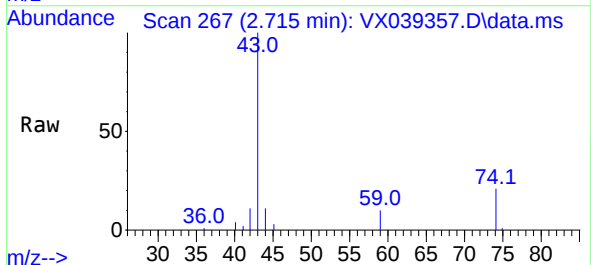
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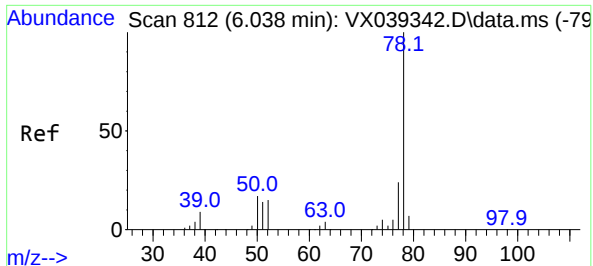
Tgt Ion: 43 Resp: 10436

Ion Ratio Lower Upper

43 100

74 19.2 18.2 27.4





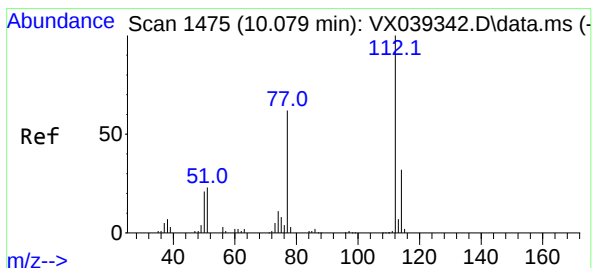
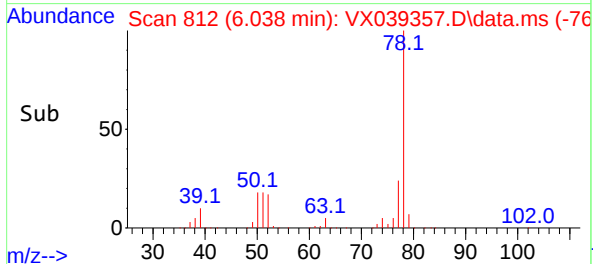
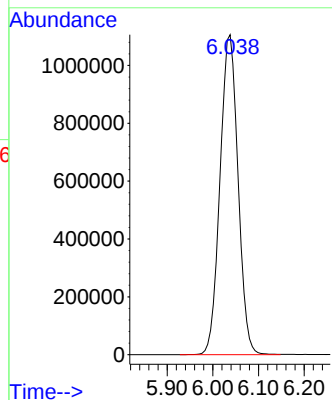
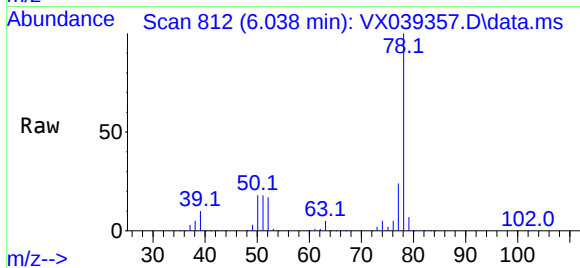
#33
Benzene
Concen: 564.996 ug/L
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

Instrument :
MSVOA_X
ClientSampleId :
C0AR9

Tgt Ion: 78 Resp: 3032690

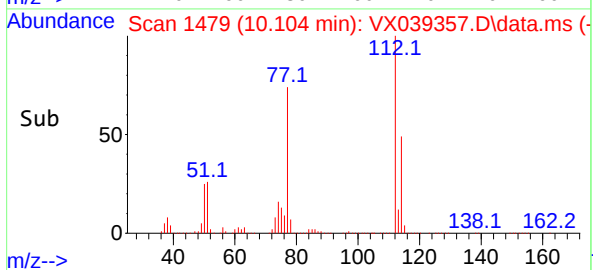
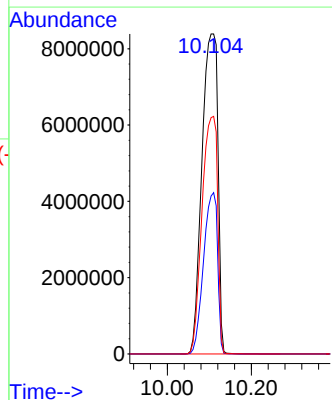
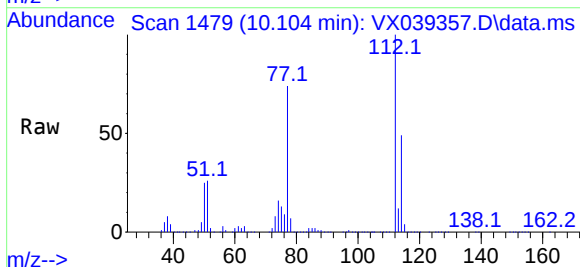
Manual Integrations
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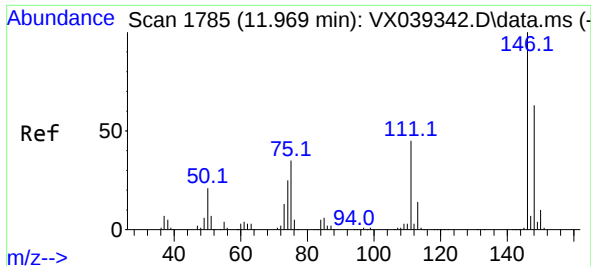
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023



#51
Chlorobenzene
Concen: 6287.786 ug/L m
RT: 10.104 min Scan# 1479
Delta R.T. 0.024 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

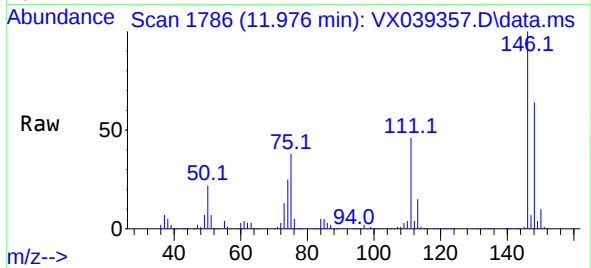
Tgt Ion:112 Resp:22107199
Ion Ratio Lower Upper
112 100
114 49.4 21.8 40.4#
77 73.8 49.0 73.6#





#64
1,3-Dichlorobenzene
Concen: 435.711 ug/L
RT: 11.976 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

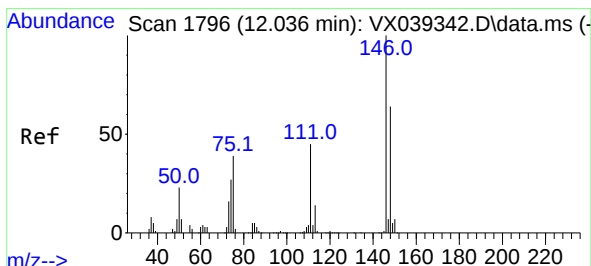
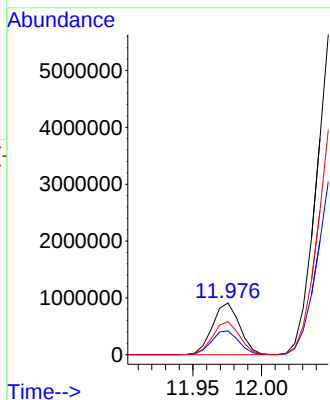
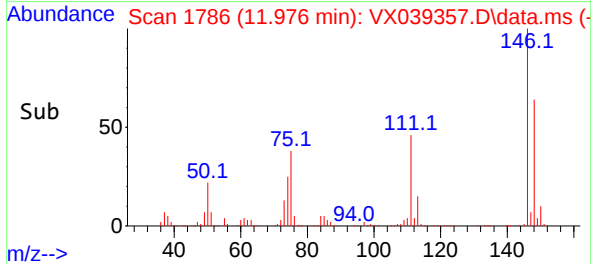
Instrument :
MSVOA_X
ClientSampleId :
C0AR9



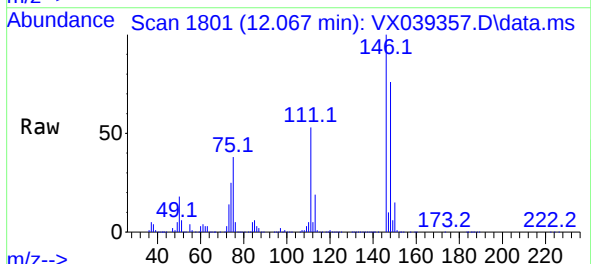
Tgt Ion:146 Resp: 1250772
Ion Ratio Lower Upper
146 100
111 46.1 30.0 55.6
148 63.8 44.2 82.0

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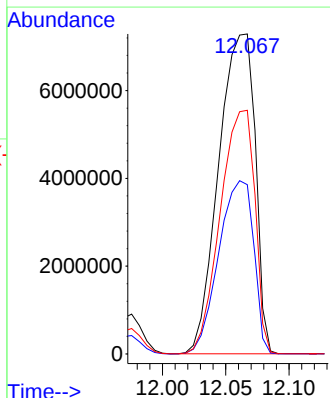
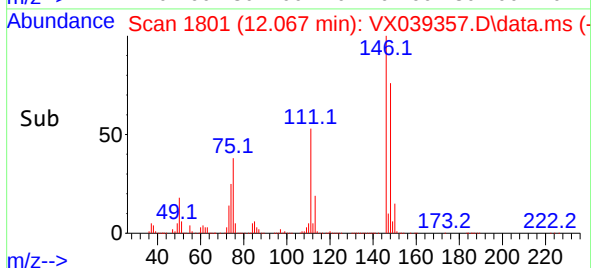
Reviewed By :John Carlone 12/20/2023
Supervised By :Mahesh Dadoda 12/20/2023

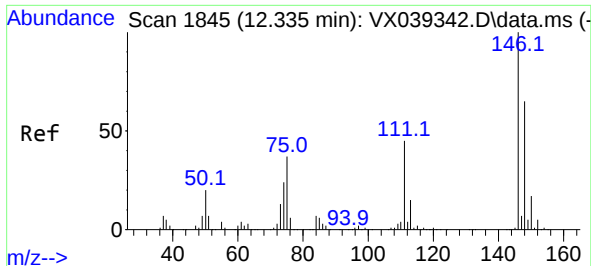


#65
1,4-Dichlorobenzene
Concen: 5039.096 ug/L
RT: 12.067 min Scan# 1801
Delta R.T. 0.031 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33



Tgt Ion:146 Resp:14658340
Ion Ratio Lower Upper
146 100
111 52.9 29.7 55.1
148 76.2 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 774.512 ug/L

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

Instrument :

MSVOA_X

ClientSampleId :

C0AR9

Tgt Ion:146 Resp: 2126808

Ion Ratio Lower Upper

146 100

111 48.2 36.4 54.6

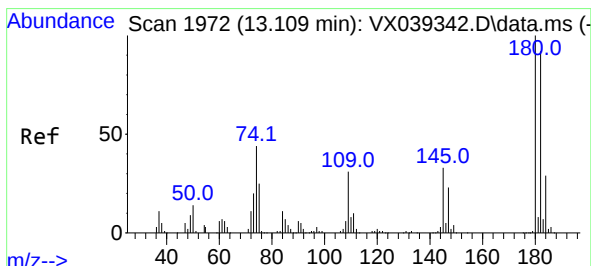
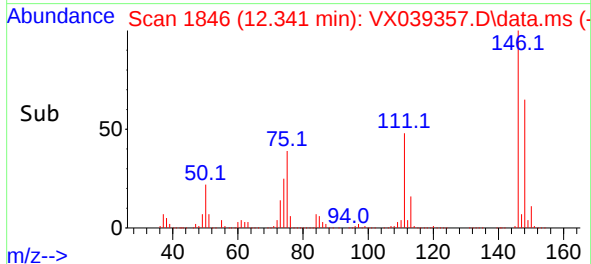
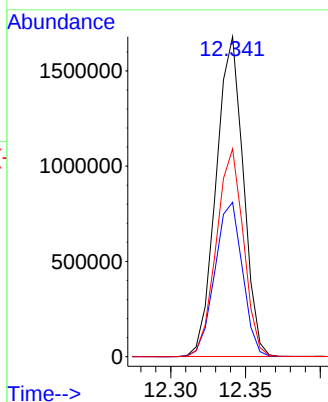
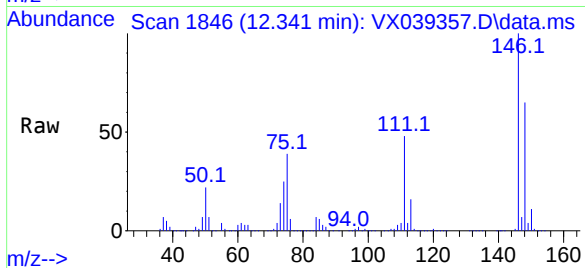
148 65.0 50.0 75.0

Manual Integrations

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#69

1,3,5-Trichlorobenzene

Concen: 22.224 ug/L

RT: 13.116 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VX039357.D

Acq: 19 Dec 2023 15:33

Tgt Ion:180 Resp: 42191

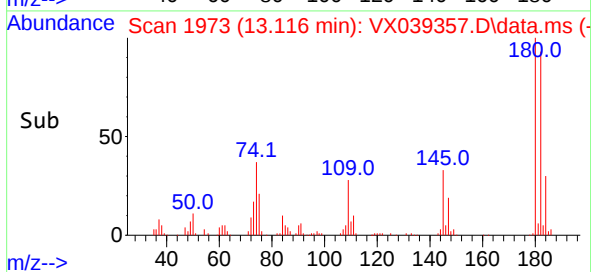
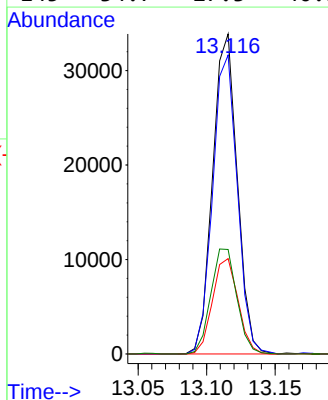
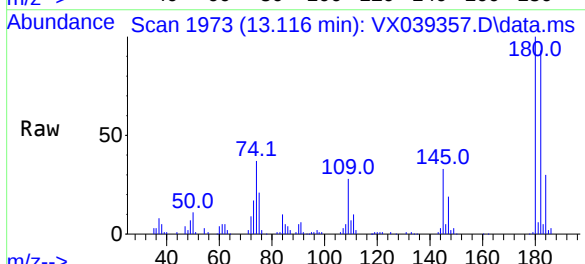
Ion Ratio Lower Upper

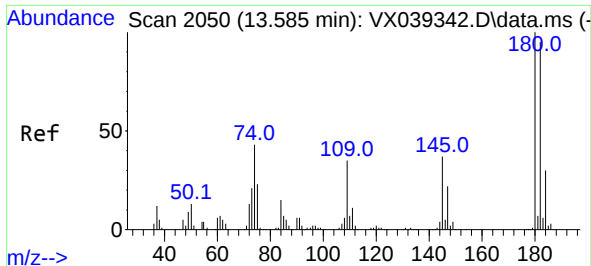
180 100

182 93.8 76.1 114.1

184 31.0 24.1 36.1

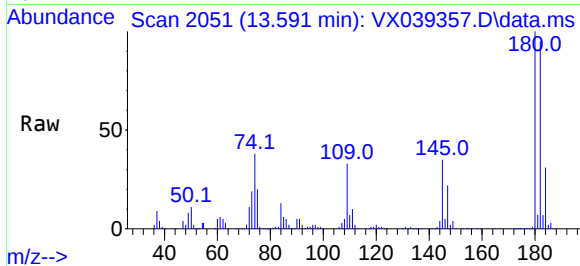
145 34.7 27.3 40.9





#70
1,2,4-trichlorobenzene
Concen: 343.869 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33

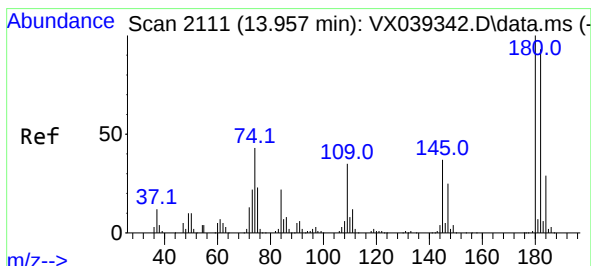
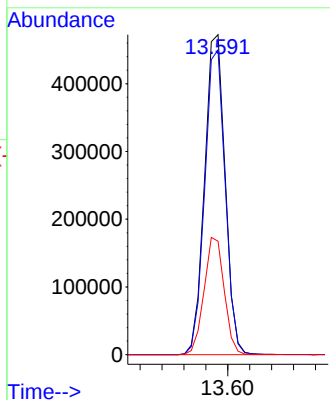
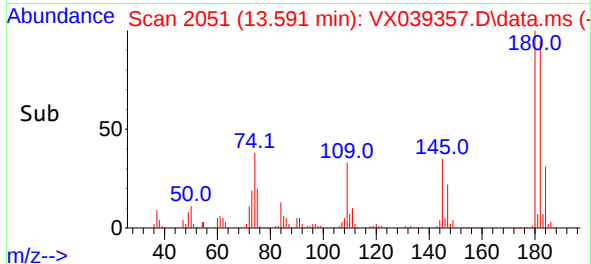
Instrument :
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C0AR9



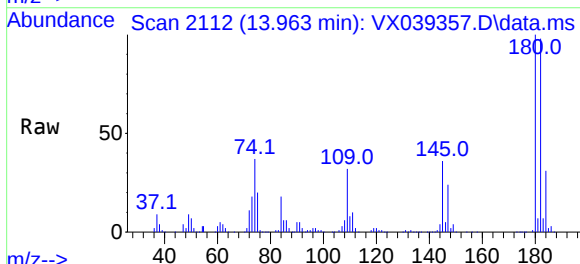
Tgt Ion:180 Resp: 615419
Ion Ratio Lower Upper
180 100
182 94.7 76.8 115.2
145 36.0 27.8 41.6

Manual Integrations
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Supervised By :Mahesh Dadoda 12/20/2023



#72
1,2,3-Trichlorobenzene
Concen: 208.670 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX039357.D
Acq: 19 Dec 2023 15:33



Tgt Ion:180 Resp: 361605
Ion Ratio Lower Upper
180 100
182 96.8 75.9 113.9
145 37.6 28.6 42.8

