

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
 Data File : VU053614.D
 Acq On : 10 Apr 2023 14:51
 Operator : JC/MD
 Sample : 02251-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COMC8

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 02:22:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 11 02:19:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	282513	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.439	117	301521	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.816	152	184501	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	86183	39.177	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.360%		
7) Chloroethane-d5	1.909	69	73016	43.049	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	86.100%		
11) 1,1-Dichloroethene-d2	2.562	63	109246	32.082	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.160%		
21) 2-Butanone-d5	4.613	46	99177	99.577	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.580%		
24) Chloroform-d	5.057	84	148127	40.715	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.440%		
26) 1,2-Dichloroethane-d4	5.703	65	99828	46.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.880%		
32) Benzene-d6	5.739	84	334863	41.144	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.280%		
36) 1,2-Dichloropropane-d6	6.687	67	103373	41.554	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	83.100%		
41) Toluene-d8	7.896	98	308380	38.122	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.240%#		
43) trans-1,3-Dichloroprop...	8.176	79	49694	38.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.400%		
47) 2-Hexanone-d5	8.629	63	84757	99.830	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.830%		
56) 1,1,2,2-Tetrachloroeth...	10.751	84	156577	44.656	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.320%		
66) 1,2-Dichlorobenzene-d4	12.198	152	157388	40.867	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.740%		
Target Compounds						
12) 1,1-Dichloroethene	2.578	96	10893	6.284	ug/L #	1
17) trans-1,2-Dichloroethene	3.356	96	1627	0.934	ug/L	92
29) Cyclohexane	5.388	56	10696	3.685	ug/L	95
33) Benzene	5.758	78	47132225m	5999.562	ug/L	
34) Trichloroethene	6.539	95	4329	1.822	ug/L	88
51) Chlorobenzene	9.439	112	37835637m	6168.199	ug/L	
64) 1,3-Dichlorobenzene	11.745	146	1783339	312.876	ug/L	97
65) 1,4-Dichlorobenzene	11.832	146	21112755m	3634.364	ug/L	
67) 1,2-Dichlorobenzene	12.211	146	16133794m	2840.087	ug/L	
70) 1,2,4-trichlorobenzene	13.835	180	520050	132.892	ug/L	99

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

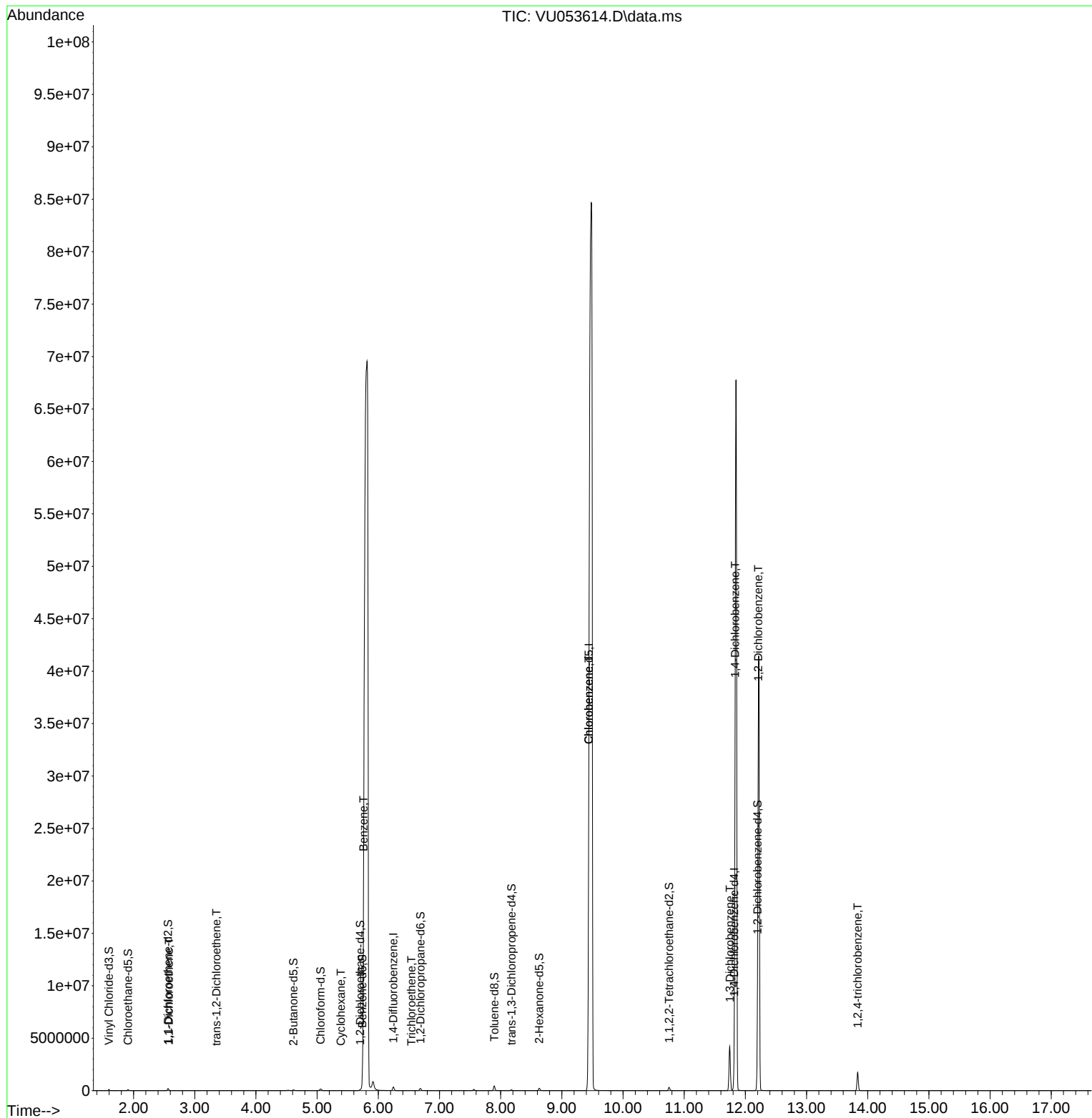
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
Data File : VU053614.D
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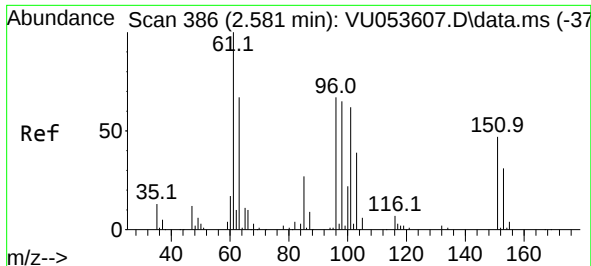
Instrument :
MSVOA_U
ClientSampleId :
COMC8

Quant Time: Apr 11 02:22:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
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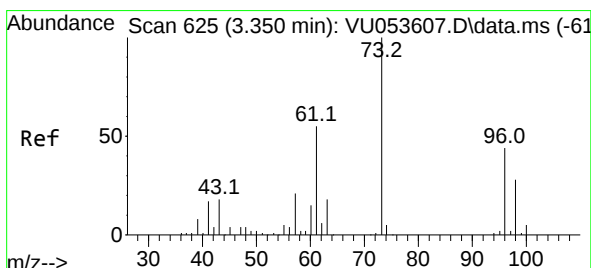
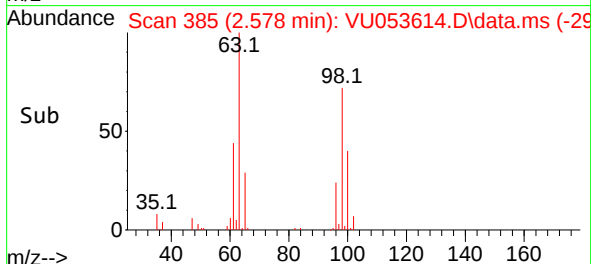
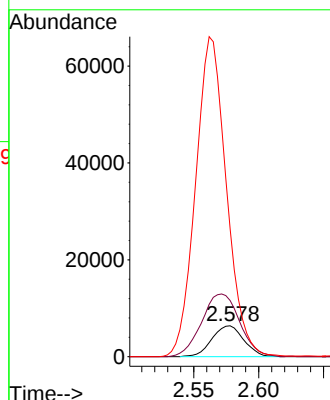
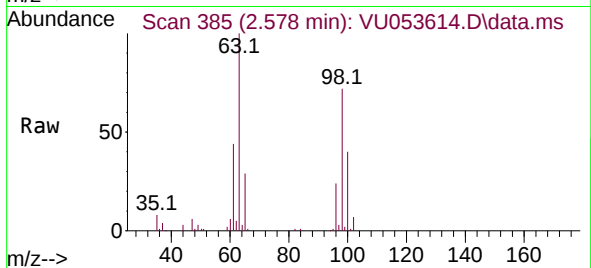
#12
1,1-Dichloroethene
Concen: 6.284 ug/L
RT: 2.578 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU053614.D
Acq: 10 Apr 2023 14:51

Instrument :
MSVOA_U
ClientSampleId :
COMC8

Tgt Ion: 96 Resp: 1089
Ion Ratio Lower Upper
96 100
61 181.7 107.9 200.5
63 414.2 79.1 146.9

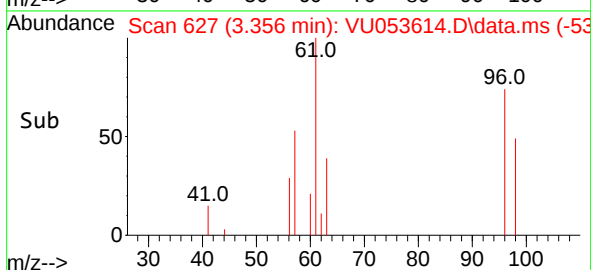
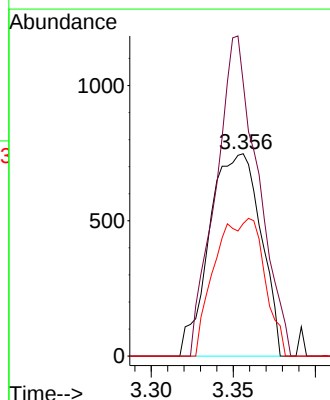
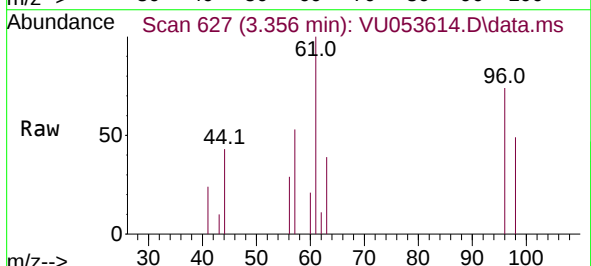
Manual Integrations
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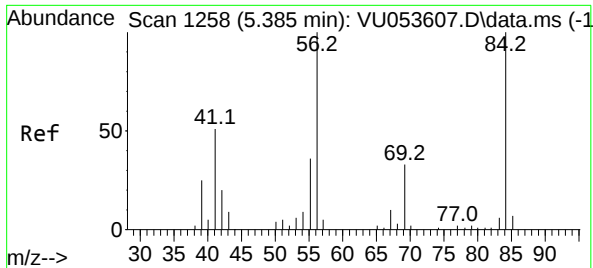
Reviewed By :Krupa Patel 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#17
trans-1,2-Dichloroethene
Concen: 0.934 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.006 min
Lab File: VU053614.D
Acq: 10 Apr 2023 14:51

Tgt Ion: 96 Resp: 1627
Ion Ratio Lower Upper
96 100
61 134.9 84.4 156.8
98 65.5 46.0 85.4





#29

Cyclohexane

Concen: 3.685 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.003 min

Lab File: VU053614.D

Acq: 10 Apr 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

COMC8

Tgt Ion: 56 Resp: 10690

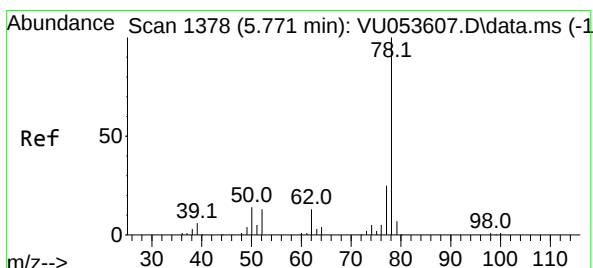
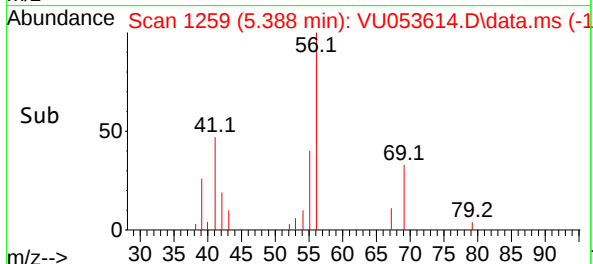
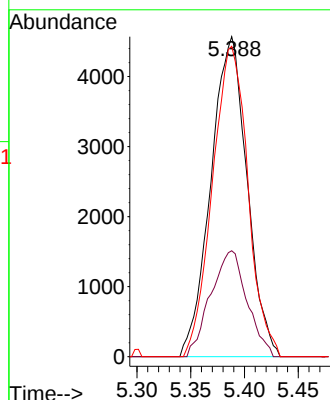
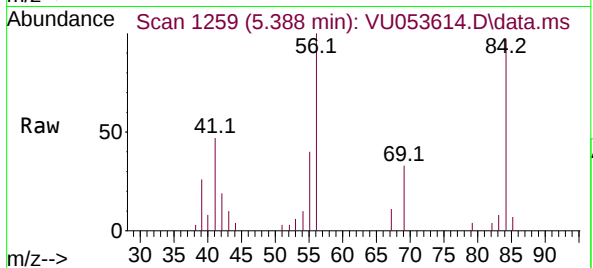
Ion	Ratio	Lower	Upper
56	100		
69	33.2	27.3	40.9
84	94.9	81.3	121.9

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#33

Benzene

Concen: 5999.562 ug/L m

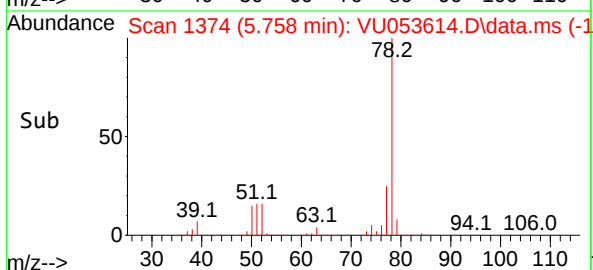
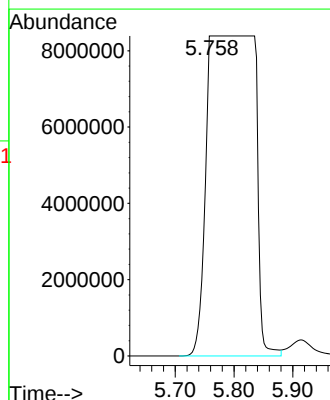
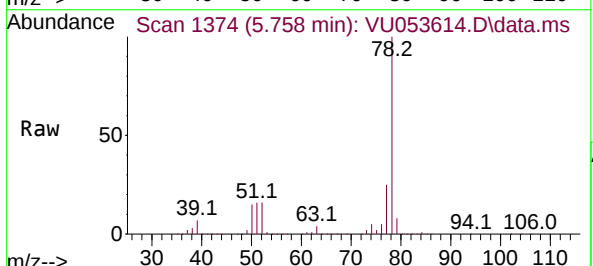
RT: 5.758 min Scan# 1374

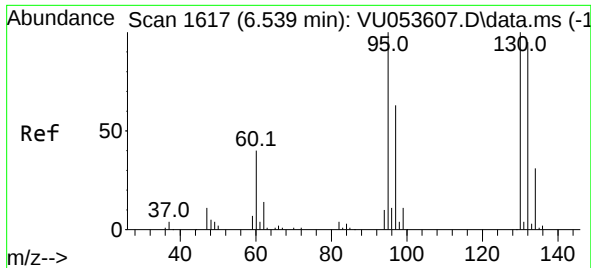
Delta R.T. -0.013 min

Lab File: VU053614.D

Acq: 10 Apr 2023 14:51

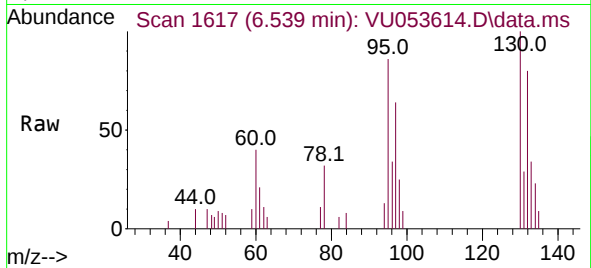
Tgt Ion: 78 Resp:47132225





#34
Trichloroethene
Concen: 1.822 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053614.D
Acq: 10 Apr 2023 14:51

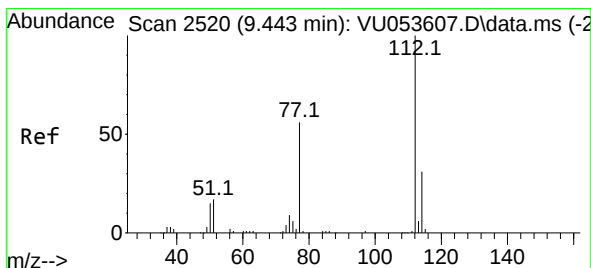
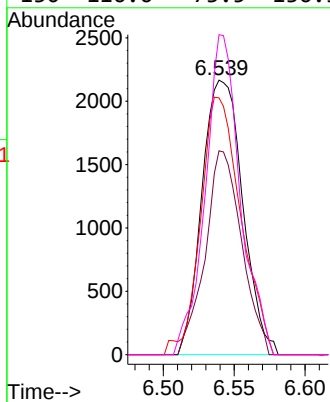
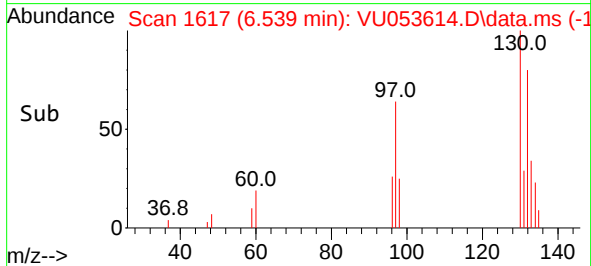
Instrument :
MSVOA_U
ClientSampleId :
COMC8



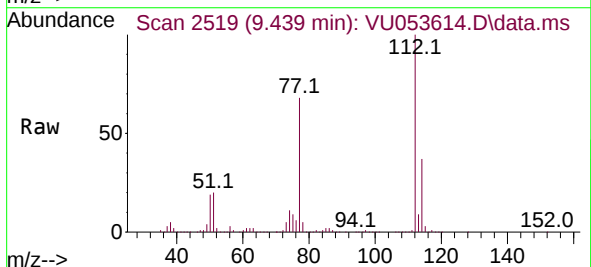
Tgt Ion: 95 Resp: 4329
Ion Ratio Lower Upper
95 100
97 74.2 45.1 83.7
132 93.5 74.1 137.5
130 116.6 73.5 136.5

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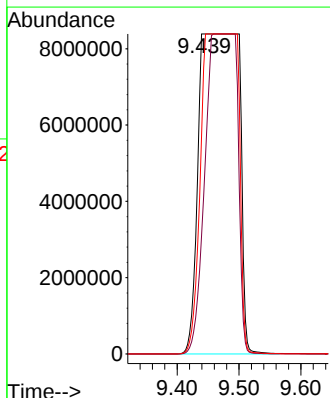
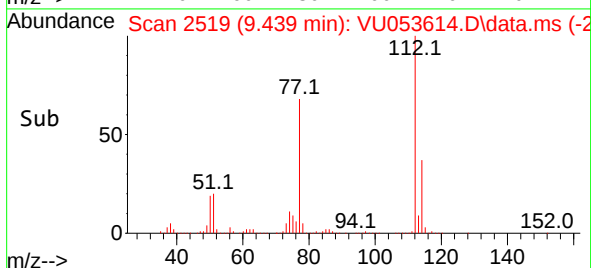
Reviewed By :Krupa Patel 04/11/2023
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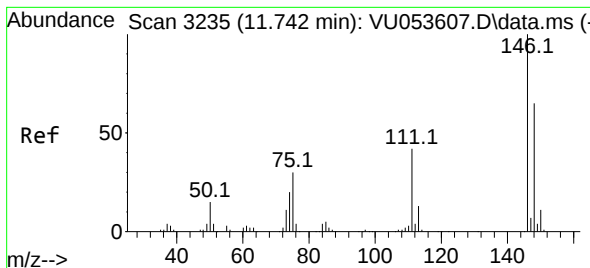


#51
Chlorobenzene
Concen: 6168.199 ug/L m
RT: 9.439 min Scan# 2519
Delta R.T. -0.003 min
Lab File: VU053614.D
Acq: 10 Apr 2023 14:51



Tgt Ion:112 Resp:37835637
Ion Ratio Lower Upper
112 100
114 36.9 22.2 41.2
77 68.1 41.3 61.9#





#64

1,3-Dichlorobenzene

Concen: 312.876 ug/L

RT: 11.745 min Scan# 3235

Delta R.T. 0.003 min

Lab File: VU053614.D

Acq: 10 Apr 2023 14:51

Instrument :

MSVOA_U

ClientSampleId :

C0MC8

Tgt Ion:146 Resp: 1783339

Ion Ratio Lower Upper

146 100

111 40.4 25.7 47.7

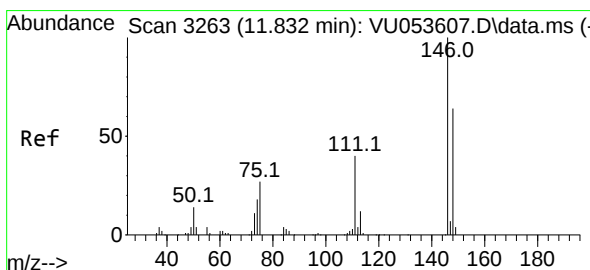
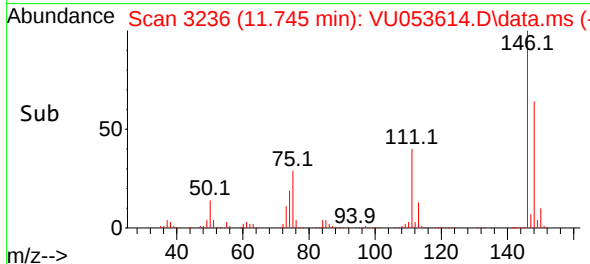
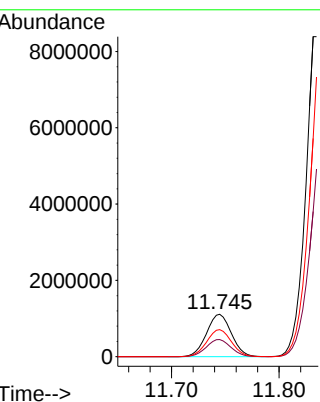
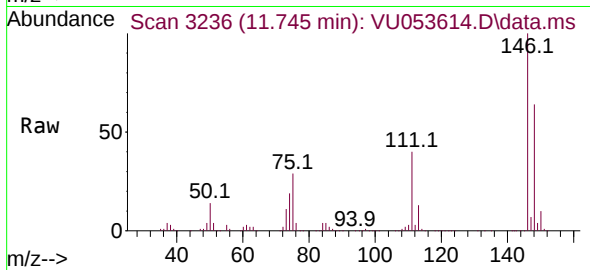
148 64.0 44.2 82.2

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#65

1,4-Dichlorobenzene

Concen: 3634.364 ug/L m

RT: 11.832 min Scan# 3263

Delta R.T. -0.000 min

Lab File: VU053614.D

Acq: 10 Apr 2023 14:51

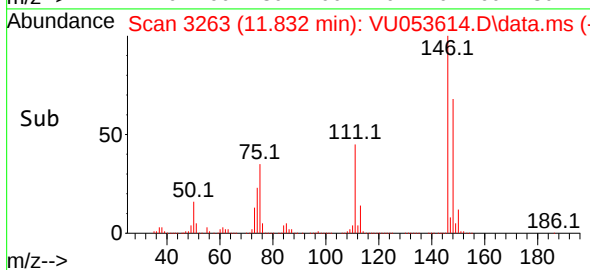
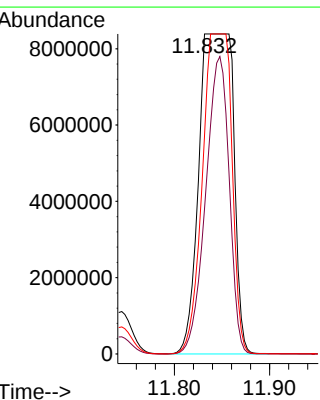
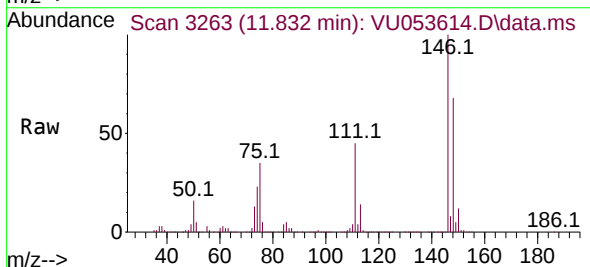
Tgt Ion:146 Resp:21112755

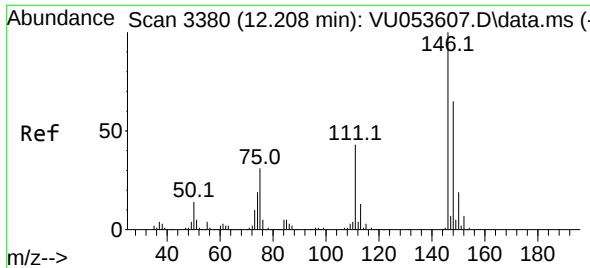
Ion Ratio Lower Upper

146 100

111 45.4 25.1 46.5

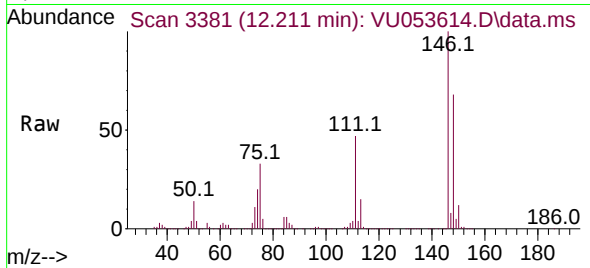
148 68.2 44.3 82.3





#67
1,2-Dichlorobenzene
Concen: 2840.087 ug/L m
RT: 12.211 min Scan# 3381
Delta R.T. 0.003 min
Lab File: VU053614.D
Acq: 10 Apr 2023 14:51

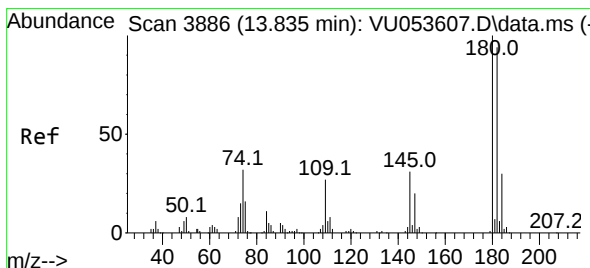
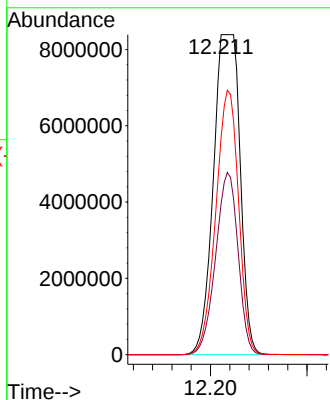
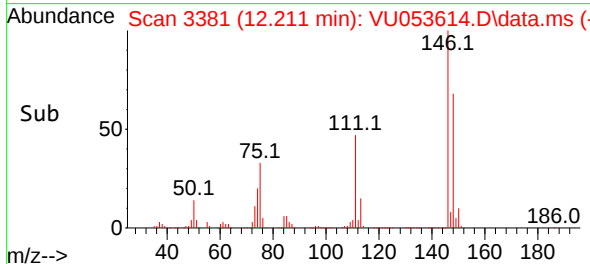
Instrument :
MSVOA_U
ClientSampleId :
COMC8



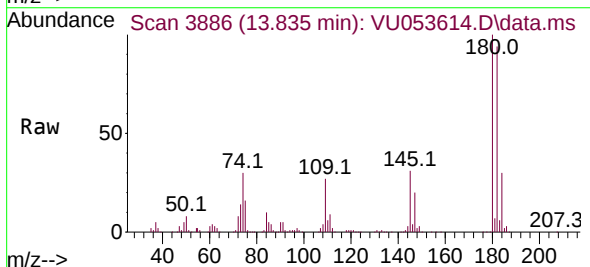
Tgt Ion:146 Resp:16133794
Ion Ratio Lower Upper
146 100
111 47.2 31.5 47.3
148 67.8 51.6 77.4

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#70
1,2,4-trichlorobenzene
Concen: 132.892 ug/L
RT: 13.835 min Scan# 3886
Delta R.T. -0.000 min
Lab File: VU053614.D
Acq: 10 Apr 2023 14:51



Tgt Ion:180 Resp: 520050
Ion Ratio Lower Upper
180 100
182 95.4 75.8 113.8
145 31.4 23.4 35.2

