

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
 Data File : VU059734.D
 Acq On : 02 Jul 2024 13:12
 Operator : MD/SY
 Sample : P3108-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ST5

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/03/2024
 Supervised By :Semsettin Yesilyurt 07/03/2024

Quant Time: Jul 03 01:54:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 01:39:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	293907	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	288753	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	140285	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	95333	50.519	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.040%			
7) Chloroethane-d5	1.907	69	80890	50.961	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.920%			
11) 1,1-Dichloroethene-d2	2.560	63	125629	37.473	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.940%			
21) 2-Butanone-d5	4.608	46	138318	105.470	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.470%			
24) Chloroform-d	5.052	84	174812	47.836	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.680%			
26) 1,2-Dichloroethane-d4	5.692	65	110230	50.730	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.460%			
32) Benzene-d6	5.717	84	373421	50.502	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.000%			
36) 1,2-Dichloropropane-d6	6.682	67	115171	50.327	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.660%			
41) Toluene-d8	7.891	98	335066	47.651	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.300%			
43) trans-1,3-Dichloroprop...	8.174	79	50373	47.040	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.080%			
47) 2-Hexanone-d5	8.624	63	98345	101.970	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 101.970%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	174518	49.685	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.360%			
66) 1,2-Dichlorobenzene-d4	12.187	152	133813m	51.908	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.820%			
Target Compounds						
13) Acetone	2.618	43	20286	15.022	ug/L	100
51) Chlorobenzene	9.441	112	163910	29.004	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	38329	9.038	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	63784	14.549	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	1041833	243.180	ug/L	100
70) 1,2,4-trichlorobenzene	13.833	180	181088	65.709	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	85479	30.914	ug/L	99

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

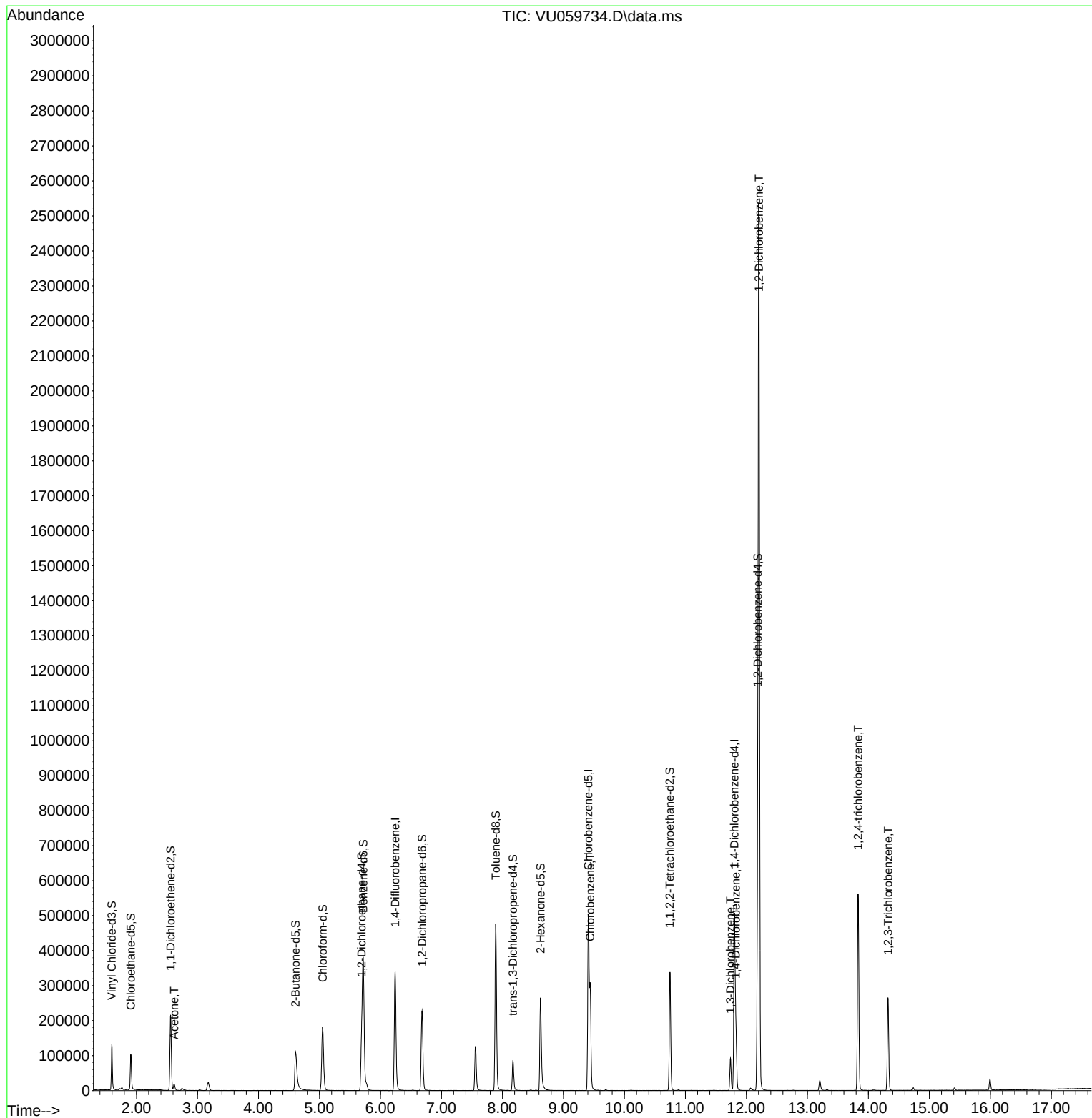
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070224\
Data File : VU059734.D
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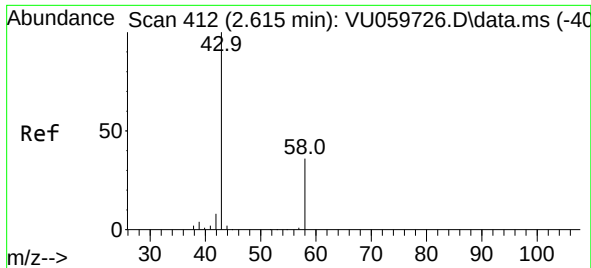
Instrument :
MSVOA_U
ClientSampleId :
C0ST5

Quant Time: Jul 03 01:54:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
Quant Title : VOC Analysis
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Response via : Initial Calibration

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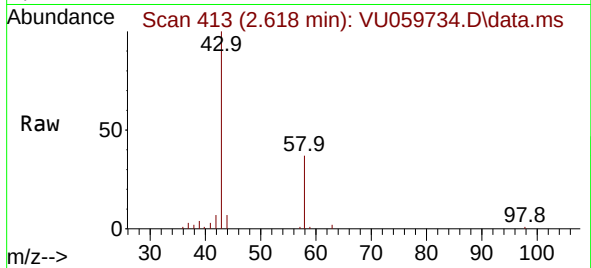
Reviewed By :Mahesh Dadoda 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024





#13
Acetone
Concen: 15.022 ug/L
RT: 2.618 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU059734.D
Acq: 02 Jul 2024 13:12

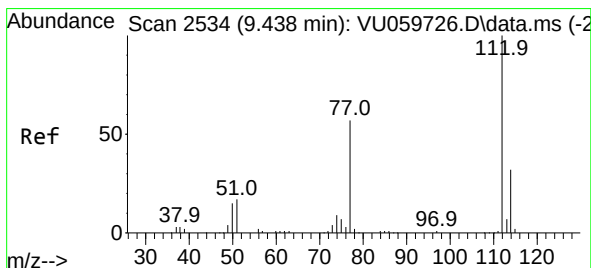
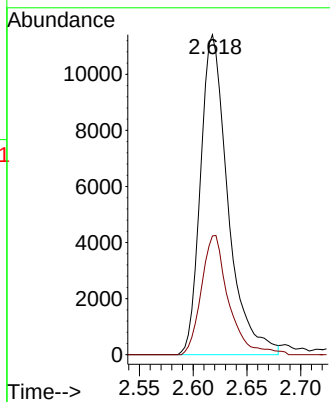
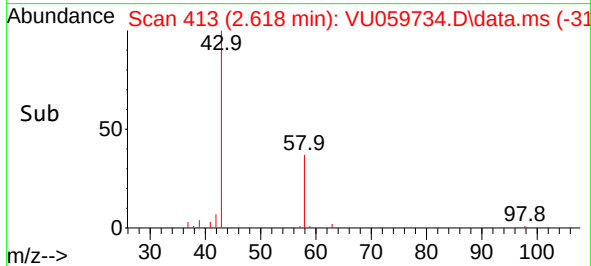
Instrument :
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ClientSampleId :
C0ST5



Tgt Ion: 43 Resp: 20280
Ion Ratio Lower Upper
43 100
58 36.9 0.0 73.8

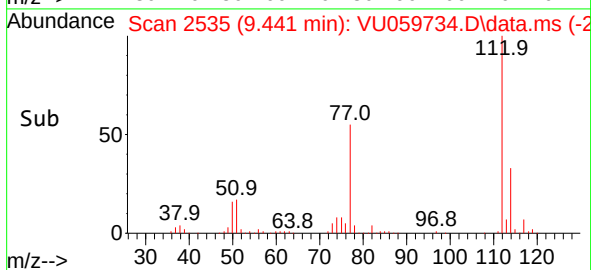
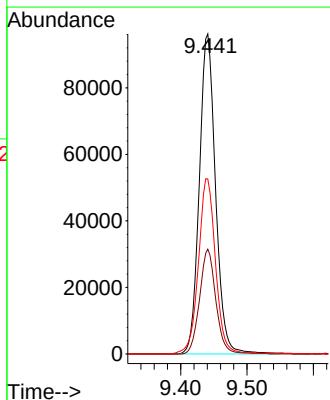
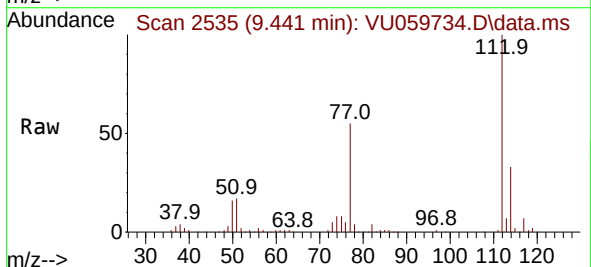
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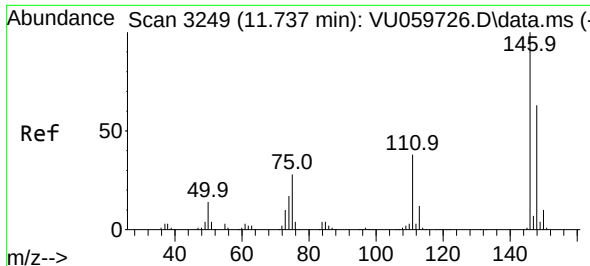
Reviewed By :Mahesh Dadoda 07/03/2024
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#51
Chlorobenzene
Concen: 29.004 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU059734.D
Acq: 02 Jul 2024 13:12

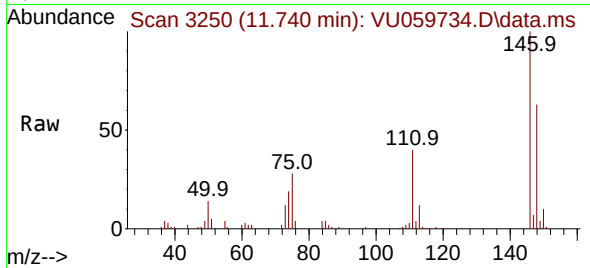
Tgt Ion:112 Resp: 163910
Ion Ratio Lower Upper
112 100
114 32.7 22.7 42.3
77 54.7 45.8 68.6





#64
1,3-Dichlorobenzene
Concen: 9.038 ug/L
RT: 11.740 min Scan# 3249
Delta R.T. 0.003 min
Lab File: VU059734.D
Acq: 02 Jul 2024 13:12

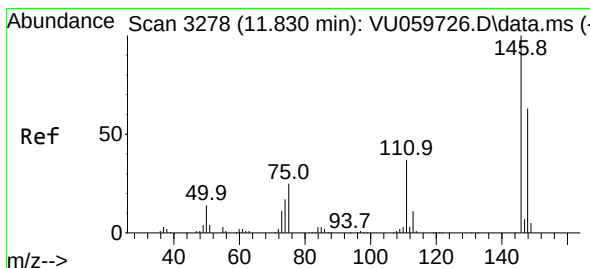
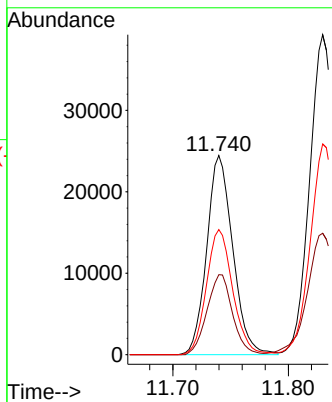
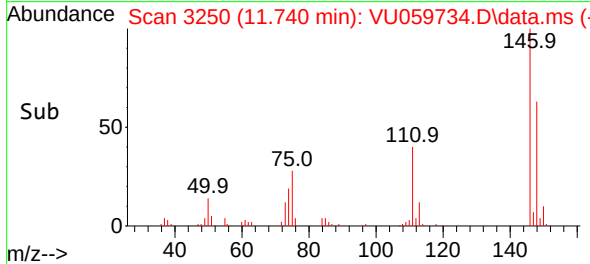
Instrument :
MSVOA_U
ClientSampleId :
C0ST5



Tgt Ion:146 Resp: 38329
Ion Ratio Lower Upper
146 100
111 40.2 26.5 49.1
148 62.8 43.8 81.3

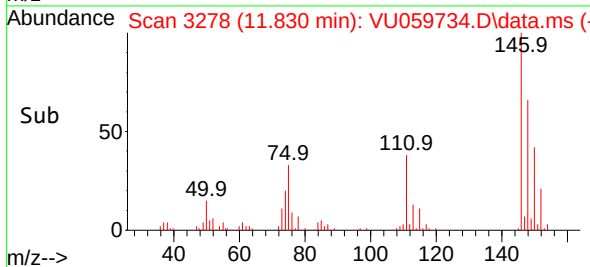
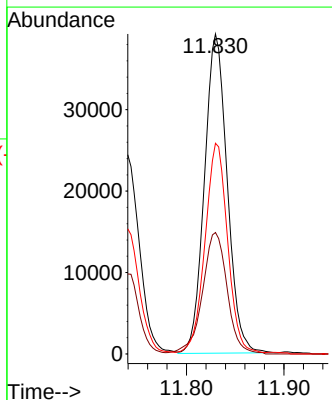
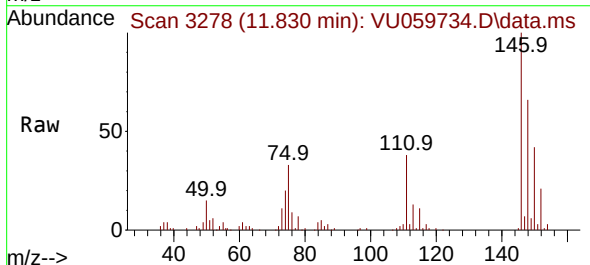
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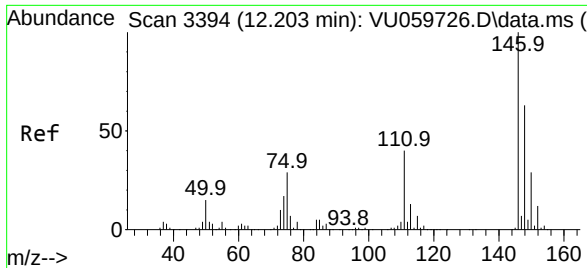
Reviewed By :Mahesh Dadoda 07/03/2024
Supervised By :Semsettin Yesilyurt 07/03/2024



#65
1,4-Dichlorobenzene
Concen: 14.549 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VU059734.D
Acq: 02 Jul 2024 13:12

Tgt Ion:146 Resp: 63784
Ion Ratio Lower Upper
146 100
111 38.0 25.9 48.1
148 65.8 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 243.180 ug/L

RT: 12.206 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU059734.D

Acq: 02 Jul 2024 13:12

Instrument :

MSVOA_U

ClientSampleId :

C0ST5

Tgt Ion:146 Resp: 104183

Ion Ratio Lower Upper

146 100

111 39.7 31.7 47.5

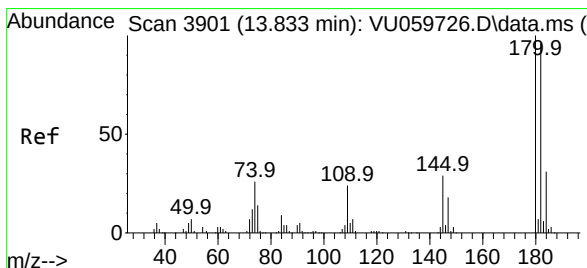
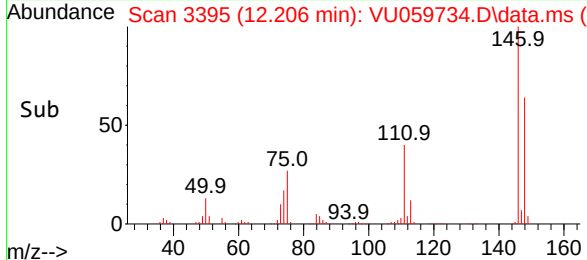
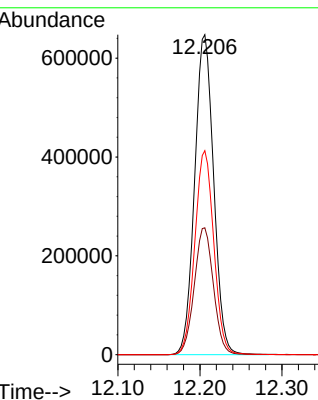
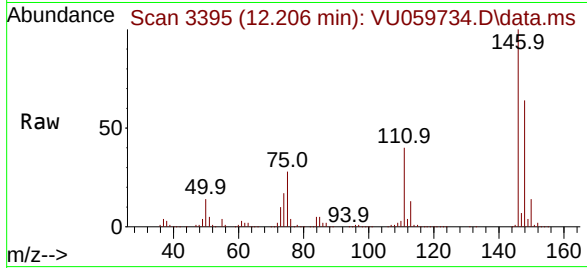
148 63.8 50.8 76.2

Manual Integrations

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#70

1,2,4-trichlorobenzene

Concen: 65.709 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU059734.D

Acq: 02 Jul 2024 13:12

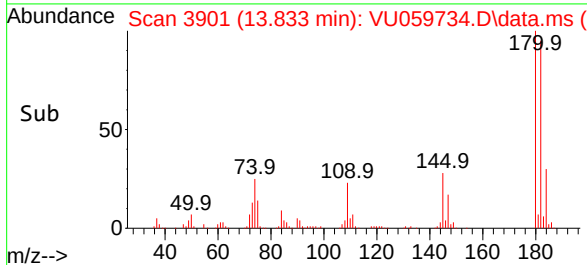
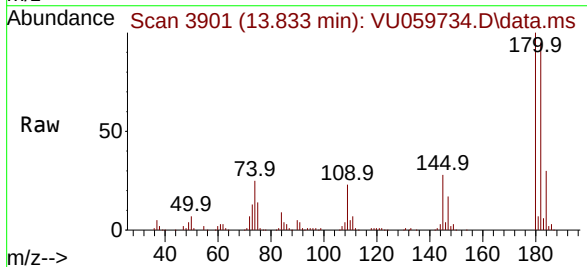
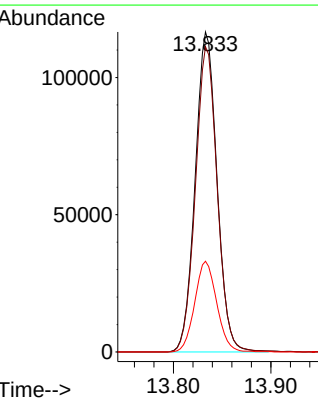
Tgt Ion:180 Resp: 181088

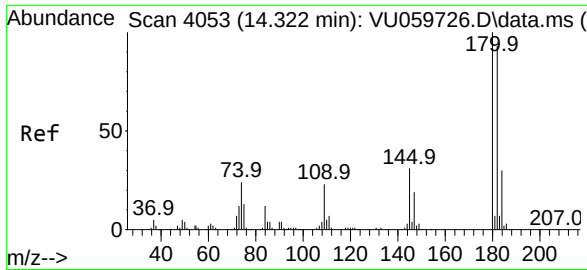
Ion Ratio Lower Upper

180 100

182 95.7 76.4 114.6

145 28.6 23.0 34.4





#72

1,2,3-Trichlorobenzene

Concen: 30.914 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU059734.D

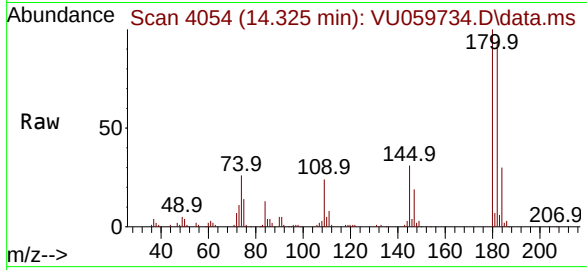
Acq: 02 Jul 2024 13:12

Instrument :

MSVOA_U

ClientSampleId :

C0ST5



Tgt Ion:180 Resp: 85479

Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.8

145 31.1 24.5 36.7

Manual Integrations

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