

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072622\
 Data File : VW026955.D
 Acq On : 26 Jul 2022 16:44
 Operator : SY/MD
 Sample : N3880-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBUF1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/27/2022
 Supervised By :Mahesh Dadoda 07/27/2022

Quant Time: Jul 27 01:42:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 27 01:39:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	560461	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	556184	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	265070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	180463	38.391	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.780%		
7) Chloroethane-d5	1.561	69	130988	34.445	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	68.900%#		
11) 1,1-Dichloroethene-d2	2.098	63	289188	34.196	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.400%		
21) 2-Butanone-d5	3.886	46	265764	83.879	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.880%		
24) Chloroform-d	4.342	84	366167	39.581	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.160%		
26) 1,2-Dichloroethane-d4	5.027	65	218566	41.303	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.600%		
32) Benzene-d6	5.043	84	715391	42.552	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.100%		
36) 1,2-Dichloropropane-d6	6.066	67	236092	43.576	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.160%		
41) Toluene-d8	7.313	98	664269	45.157	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.320%		
43) trans-1,3-Dichloroprop...	7.619	79	97573	42.980	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.960%		
47) 2-Hexanone-d5	8.088	63	190086	80.576	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	80.580%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	350866	42.629	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.260%		
66) 1,2-Dichlorobenzene-d4	11.622	152	237124	47.683	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.360%		
Target Compounds						Qvalue
3) Chloromethane	1.240	50	125304	23.142	ug/L	100
12) 1,1-Dichloroethene	2.111	96	84417m	19.480	ug/L	
13) Acetone	2.178	43	207131	93.104	ug/L	97
31) Carbon tetrachloride	4.821	117	174866	27.178	ug/L	100
33) Benzene	5.091	78	1024024	57.252	ug/L	100
37) 1,2-Dichloropropane	6.169	63	129178	27.749	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	500901	90.416	ug/L	100
42) Toluene	7.384	91	1686171	92.359	ug/L	98
49) Dibromochloromethane	8.242	129	135055	26.064	ug/L	96
52) Ethylbenzene	9.011	91	2347071	123.853	ug/L	99
53) m,p-Xylene	9.133	106	556346	74.978	ug/L	99
59) Bromoform	9.728	173	110146	37.193	ug/L	99

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

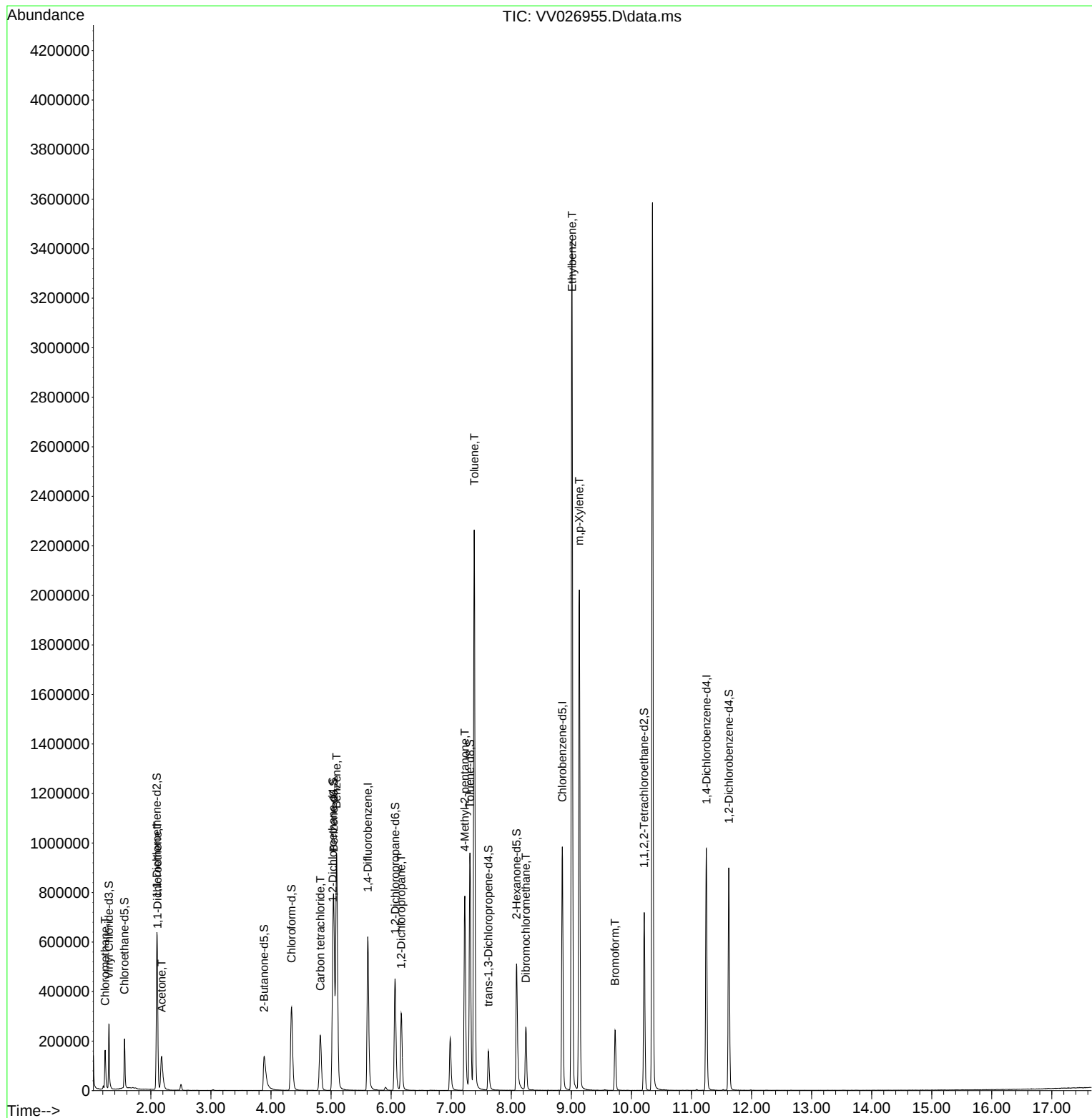
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV072622\
Data File : VV026955.D
Acq On : 26 Jul 2022 16:44
Operator : SY/MD
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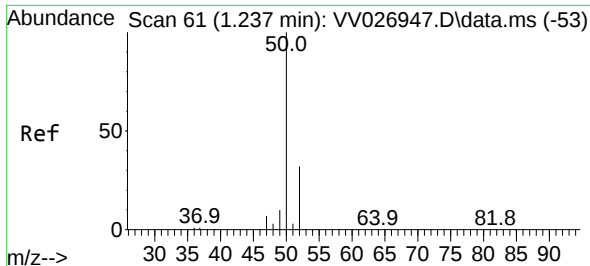
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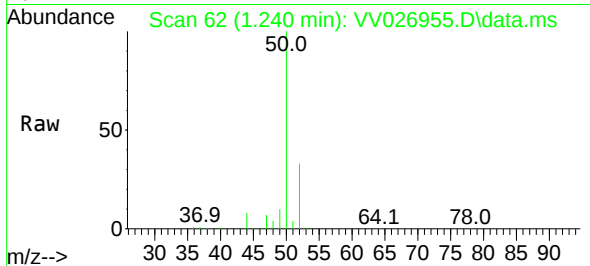
Quant Time: Jul 27 01:42:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072222WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jul 27 01:39:23 2022
Response via : Initial Calibration





#3
Chloromethane
Concen: 23.142 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

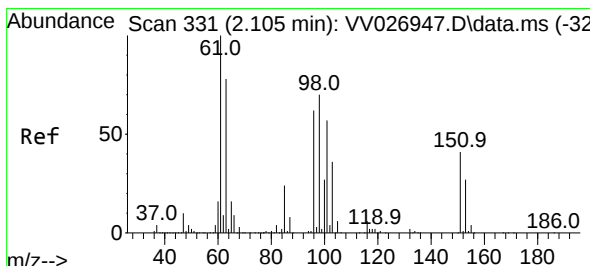
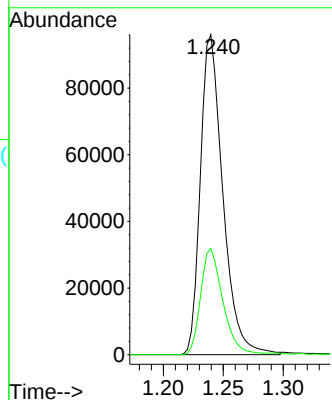
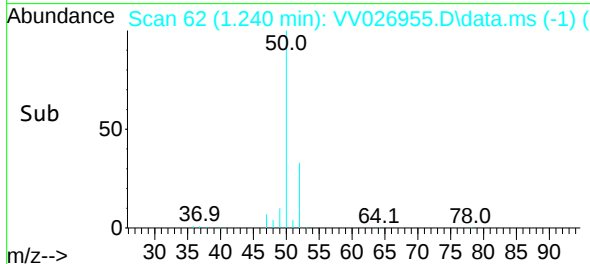
Instrument :
MSVOA_V
ClientSampleId :
DBUF1



Tgt Ion: 50 Resp: 125304
Ion Ratio Lower Upper
50 100
52 33.2 23.1 42.9

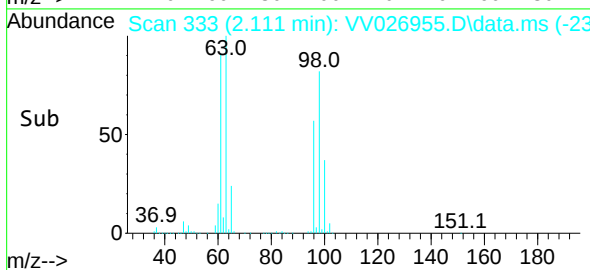
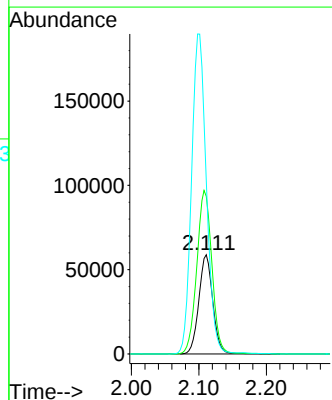
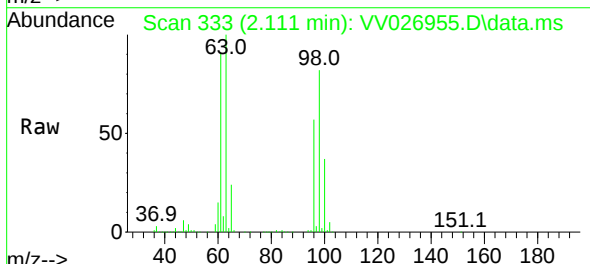
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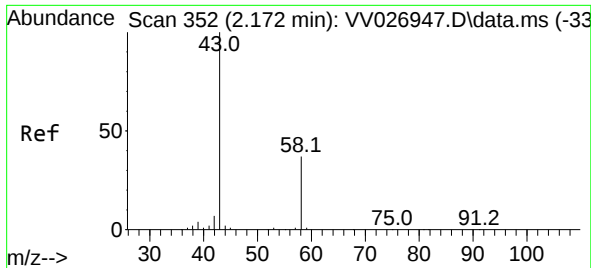
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#12
1,1-Dichloroethene
Concen: 19.480 ug/L m
RT: 2.111 min Scan# 333
Delta R.T. 0.006 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Tgt Ion: 96 Resp: 84417
Ion Ratio Lower Upper
96 100
61 159.0 114.2 212.0
63 174.9 87.0 161.6#





#13

Acetone

Concen: 93.104 ug/L

RT: 2.178 min Scan# 352

Delta R.T. 0.006 min

Lab File: VV026955.D

Acq: 26 Jul 2022 16:44

Instrument :

MSVOA_V

ClientSampleId :

DBUF1

Tgt Ion: 43 Resp: 20713

Ion Ratio Lower Upper

43 100

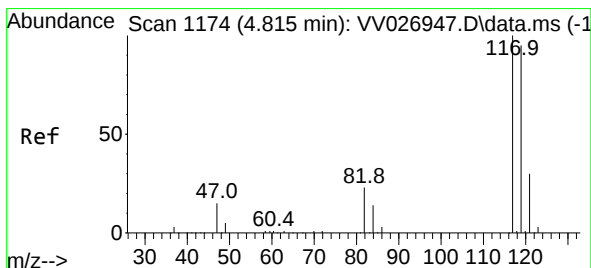
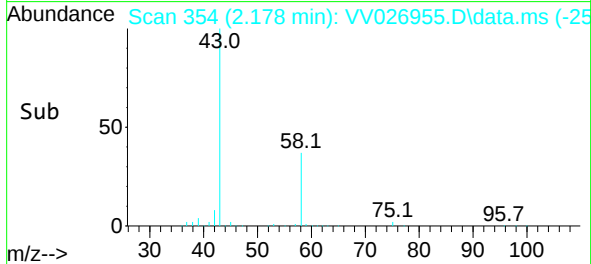
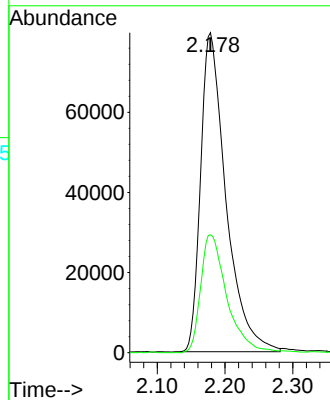
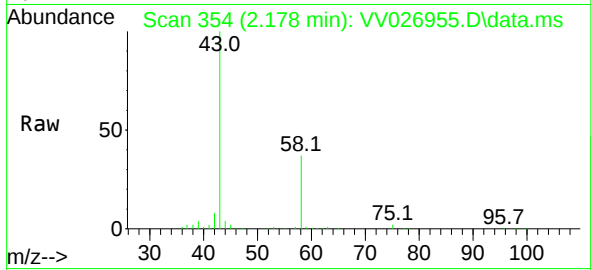
58 38.1 0.0 72.6

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#31

Carbon tetrachloride

Concen: 27.178 ug/L

RT: 4.821 min Scan# 1176

Delta R.T. 0.006 min

Lab File: VV026955.D

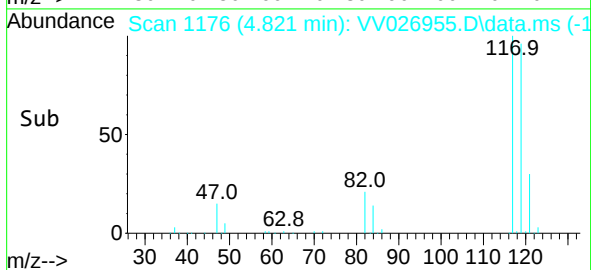
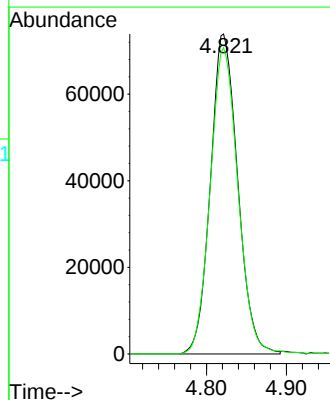
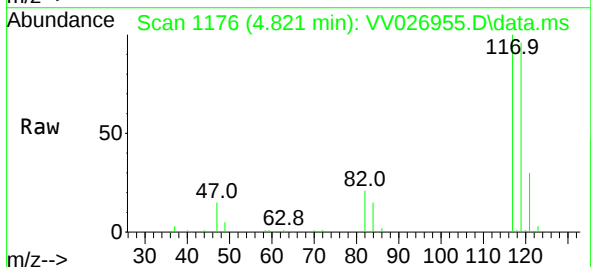
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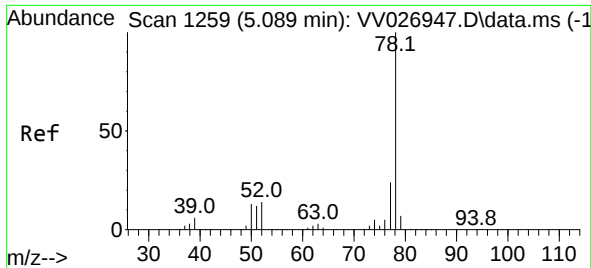
Tgt Ion:117 Resp: 174866

Ion Ratio Lower Upper

117 100

119 97.0 77.3 115.9





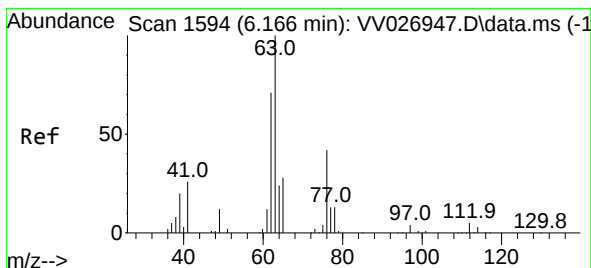
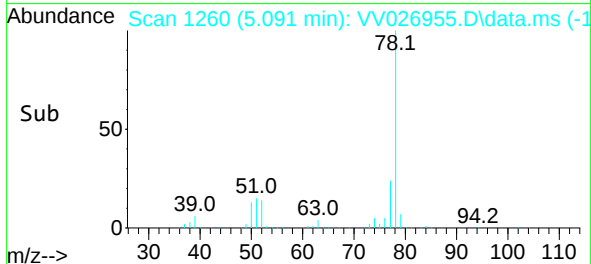
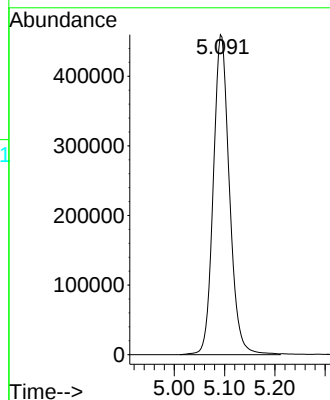
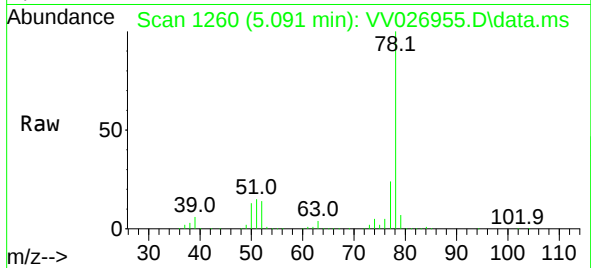
#33
Benzene
Concen: 57.252 ug/L
RT: 5.091 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Instrument :
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Tgt Ion: 78 Resp: 1024024

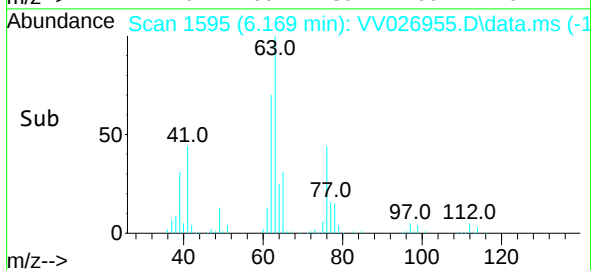
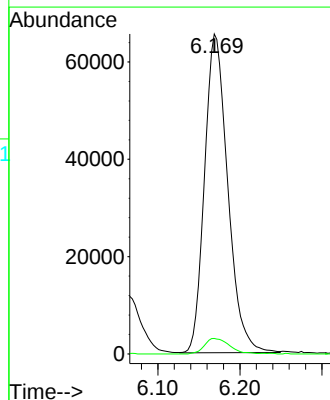
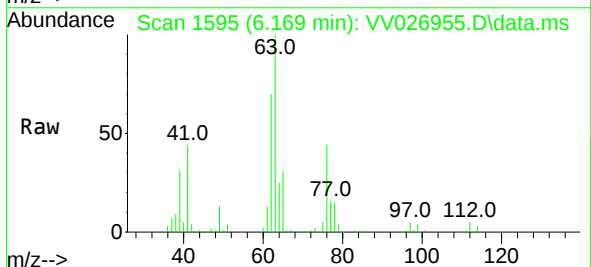
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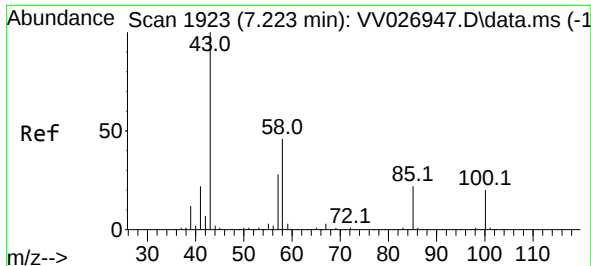
Reviewed By :Krupa Patel 07/27/2022
Supervised By :Mahesh Dadoda 07/27/2022



#37
1,2-Dichloropropane
Concen: 27.749 ug/L
RT: 6.169 min Scan# 1595
Delta R.T. 0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Tgt Ion: 63 Resp: 129178
Ion Ratio Lower Upper
63 100
112 5.3 3.8 5.8





#40

4-Methyl-2-pentanone

Concen: 90.416 ug/L

RT: 7.226 min Scan# 1923

Delta R.T. 0.003 min

Lab File: VV026955.D

Acq: 26 Jul 2022 16:44

Instrument :

MSVOA_V

ClientSampleId :

DBUF1

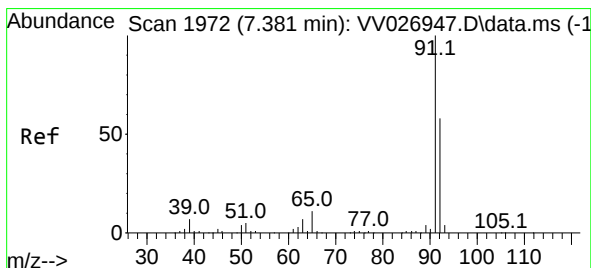
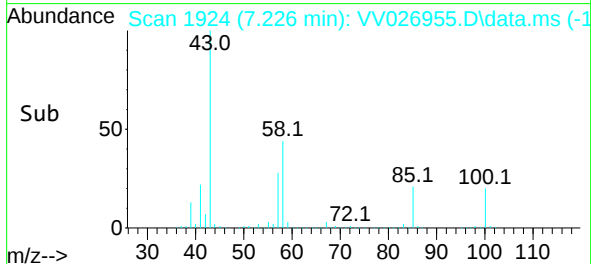
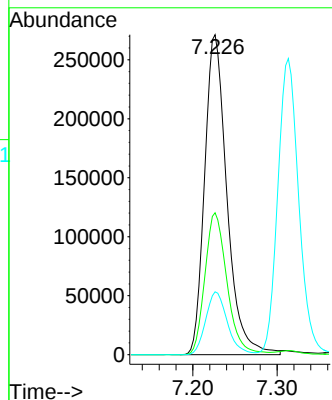
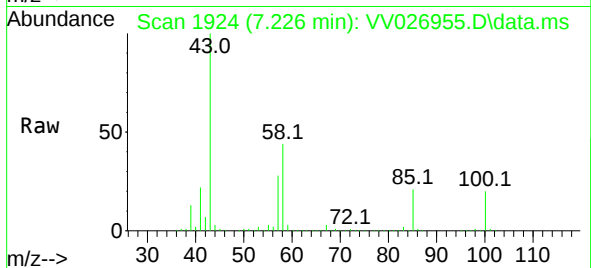
Tgt Ion: 43 Resp: 50090
 Ion Ratio Lower Upper
 43 100
 58 43.9 35.0 52.6
 100 19.1 15.4 23.0

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#42

Toluene

Concen: 92.359 ug/L

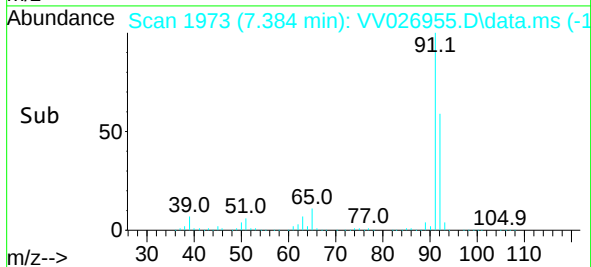
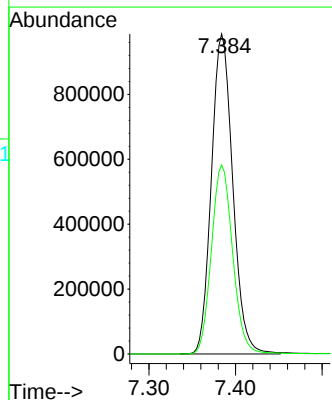
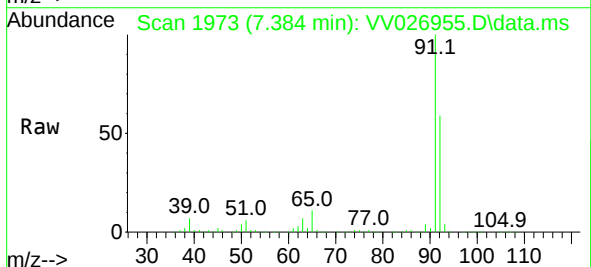
RT: 7.384 min Scan# 1973

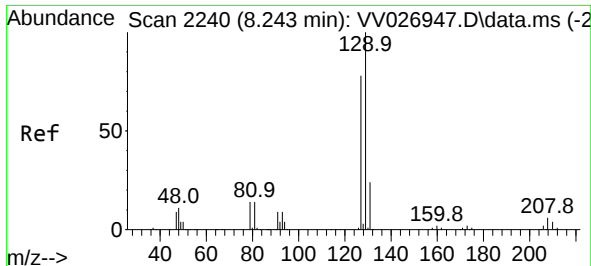
Delta R.T. 0.003 min

Lab File: VV026955.D

Acq: 26 Jul 2022 16:44

Tgt Ion: 91 Resp: 1686171
 Ion Ratio Lower Upper
 91 100
 92 59.1 40.5 75.1





#49

Dibromochloromethane

Concen: 26.064 ug/L

RT: 8.242 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026955.D

Acq: 26 Jul 2022 16:44

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Tgt Ion:129 Resp: 13505

Ion Ratio Lower Upper

129 100

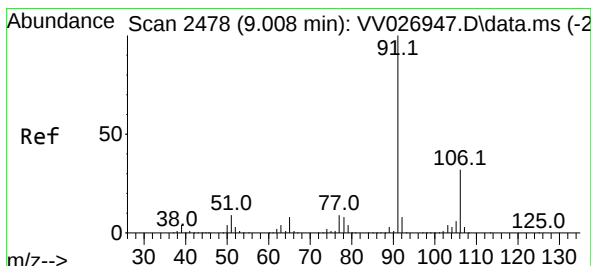
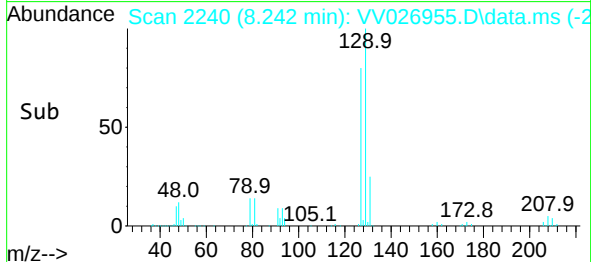
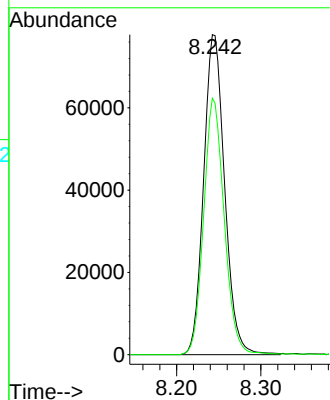
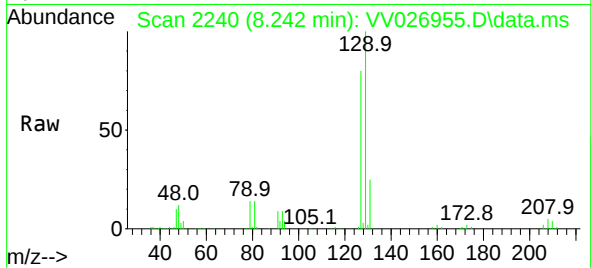
127 80.1 53.7 99.7

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#52

Ethylbenzene

Concen: 123.853 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026955.D

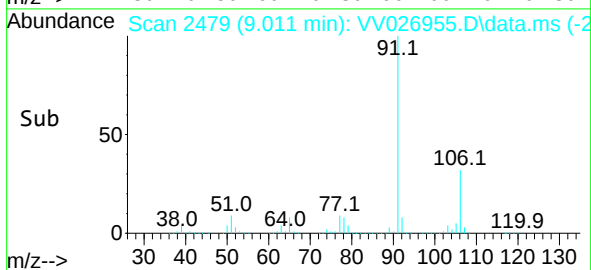
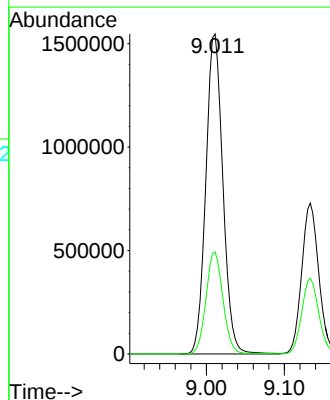
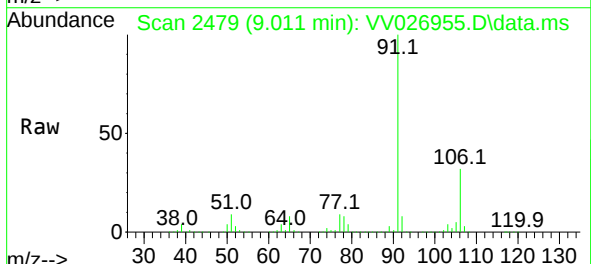
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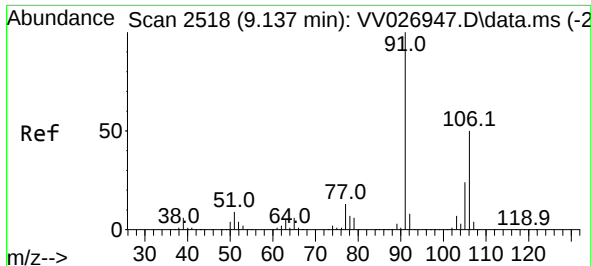
Tgt Ion: 91 Resp: 2347071

Ion Ratio Lower Upper

91 100

106 31.9 22.0 40.8





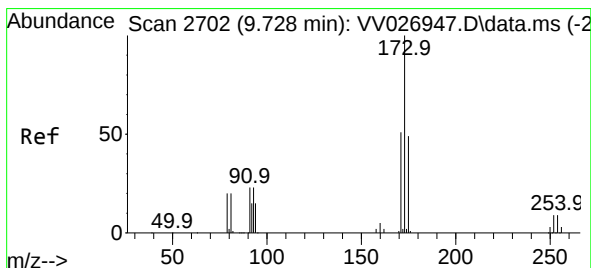
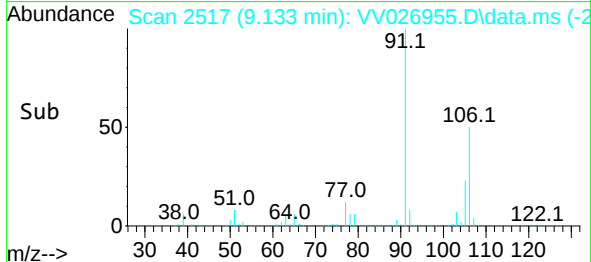
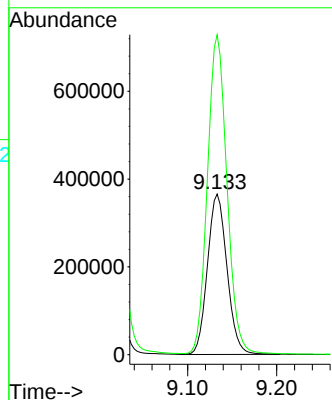
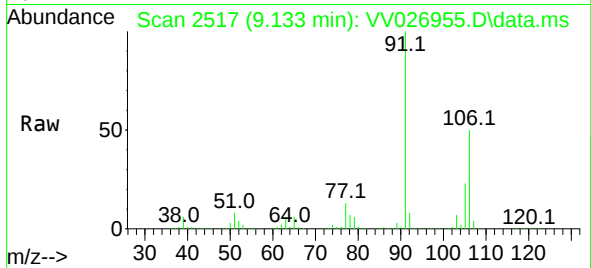
#53
m,p-Xylene
Concen: 74.978 ug/L
RT: 9.133 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Instrument :
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Tgt Ion:106 Resp: 556340
Ion Ratio Lower Upper
106 100
91 199.2 140.0 260.0

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#59
Bromoform
Concen: 37.193 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. -0.000 min
Lab File: VV026955.D
Acq: 26 Jul 2022 16:44

Tgt Ion:173 Resp: 110146
Ion Ratio Lower Upper
173 100
175 48.6 38.6 57.8
254 8.7 6.6 10.0

