

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011624\
 Data File : VW033698.D
 Acq On : 17 Jan 2024 02:32
 Operator : SY/MD
 Sample : P1143-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAX8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
 Supervised By :Mahesh Dadoda 01/18/2024

Quant Time: Jan 17 03:33:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 17 01:35:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	100163	5.000	ug/L	0.07
28) Chlorobenzene-d5	8.805	117	89511	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	38591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.333	65	19949	3.642	ug/L	0.05
Spiked Amount	5.000	Range 40 - 130	Recovery	=	72.800%	
7) Chloroethane-d5	1.616	69	15235	3.136	ug/L	0.08
Spiked Amount	5.000	Range 65 - 130	Recovery	=	62.800%#	
11) 1,1-Dichloroethene-d2	2.146	65	9508	3.852	ug/L	0.08
Spiked Amount	5.000	Range 60 - 125	Recovery	=	77.000%	
20) 2-Butanone-d5	3.998	46	52237m	39.007	ug/L	0.19
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.020%	
24) Chloroform-d	4.339	84	49805	4.205	ug/L	0.09
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.014	65	26078	4.910	ug/L	0.07
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.018	84	94846	4.391	ug/L	0.05
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
36) 1,2-Dichloropropane-d6	6.072	67	31325	4.350	ug/L	0.08
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.288	98	81458	4.225	ug/L	0.04
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.400%	
43) trans-1,3-Dichloroprop...	7.600	79	10235	4.111	ug/L	0.04
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.069	63	54572	55.835	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.680%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	21229	5.046	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	101.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	26810	4.525	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	90.400%	
Target Compounds						
30) Cyclohexane	4.641	56	26925	1.770	ug/L	94
33) Benzene	5.069	78	45137	1.420	ug/L	100
35) Methylcyclohexane	6.121	83	38366	2.679	ug/L	98
42) Toluene	7.362	91	28020	0.834	ug/L	99
51) Chlorobenzene	8.831	112	705911	34.286	ug/L	99
52) Ethylbenzene	8.973	91	7617	0.196	ug/L	93
53) m,p-Xylene	9.095	106	5219	0.364	ug/L	84
54) o-Xylene	9.490	106	44472	3.184	ug/L	99
60) Isopropylbenzene	9.876	105	258503	8.467	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	120943	4.585	ug/L	100
63) 1,2,4-Trimethylbenzene	10.857	105	60504	2.272	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	23399	1.733	ug/L	98
65) 1,4-Dichlorobenzene	11.214	146	91052	6.886	ug/L	99
67) 1,2-Dichlorobenzene	11.583	146	49643	4.230	ug/L	96

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

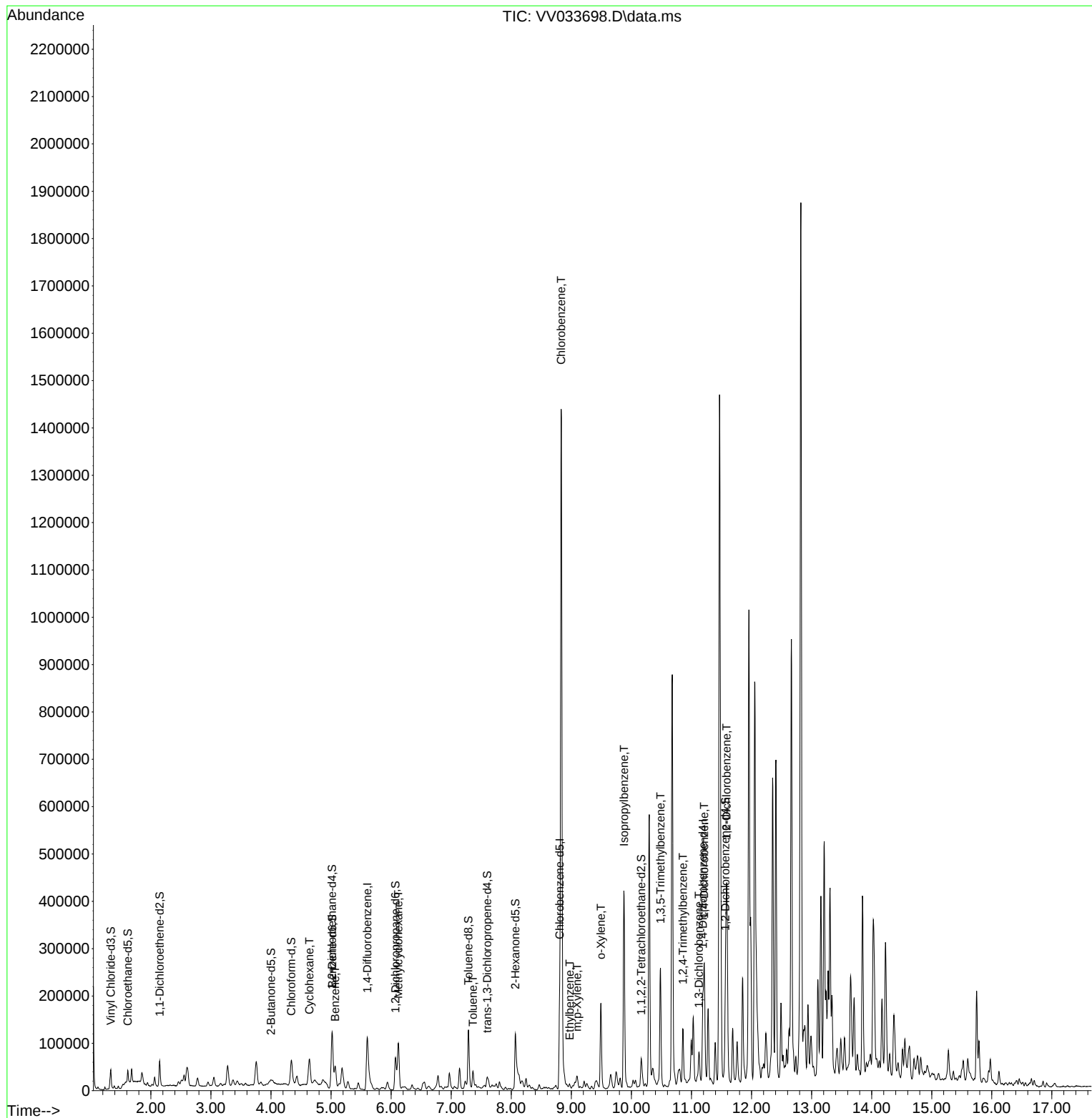
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Data File : VV033698.D
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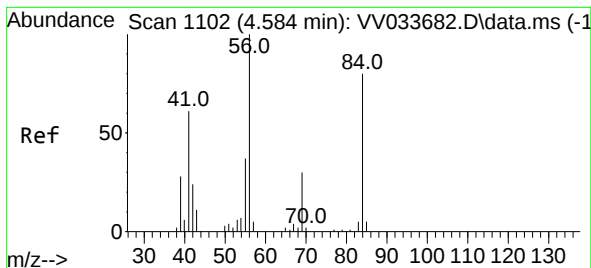
Instrument :
MSVOA_V
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Quant Time: Jan 17 03:33:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 17 01:35:32 2024
Response via : Initial Calibration





#30

Cyclohexane

Concen: 1.770 ug/L

RT: 4.641 min Scan# 1102

Delta R.T. 0.058 min

Lab File: VV033698.D

Acq: 17 Jan 2024 02:32

Instrument :

MSVOA_V

ClientSampleId :

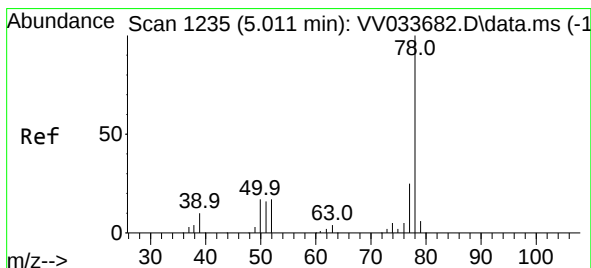
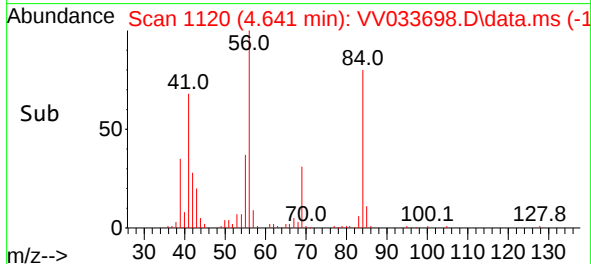
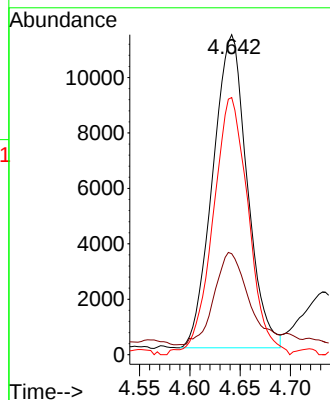
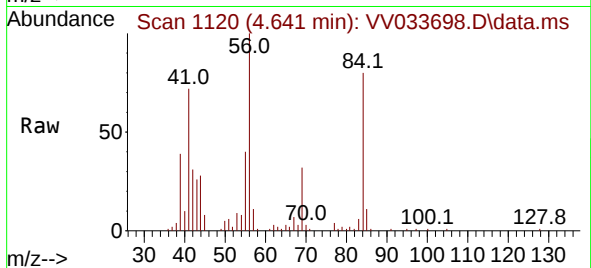
C0AX8

Tgt Ion: 56	Resp: 2692
Ion Ratio	Lower Upper
56	100
69	29.3 23.3 34.9
84	84.3 61.7 92.5

Manual Integrations

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#33

Benzene

Concen: 1.420 ug/L

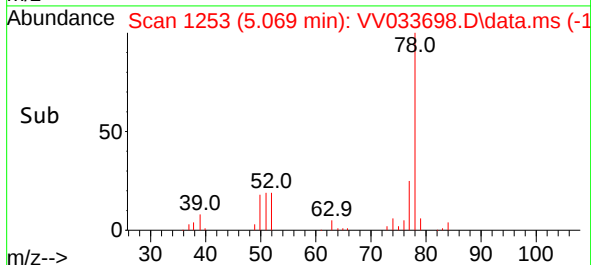
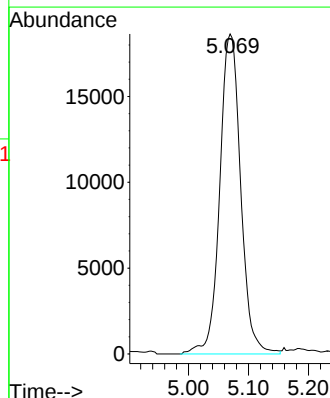
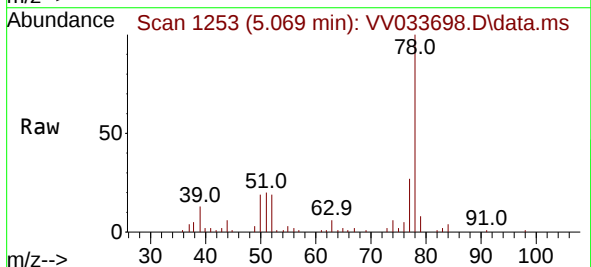
RT: 5.069 min Scan# 1253

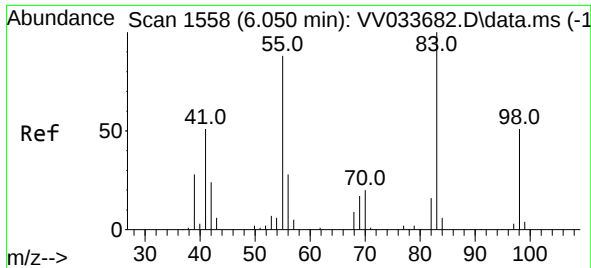
Delta R.T. 0.058 min

Lab File: VV033698.D

Acq: 17 Jan 2024 02:32

Tgt Ion: 78 Resp: 45137





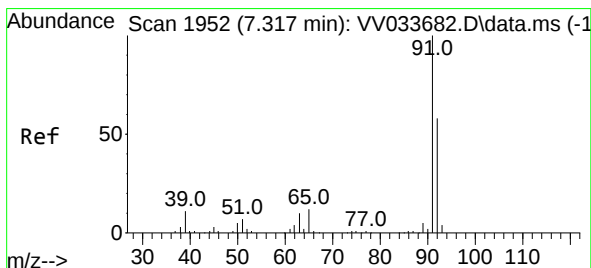
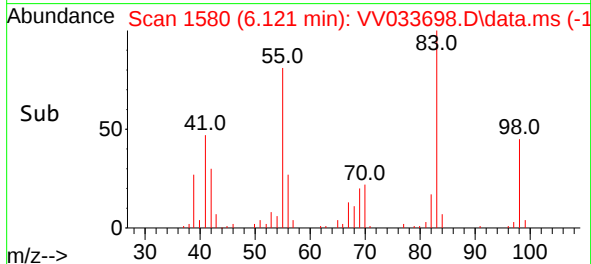
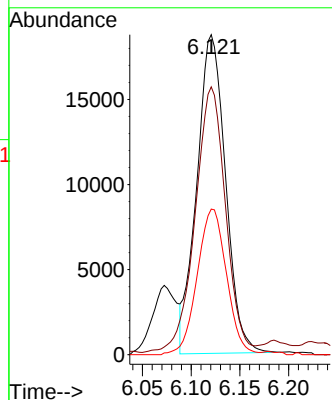
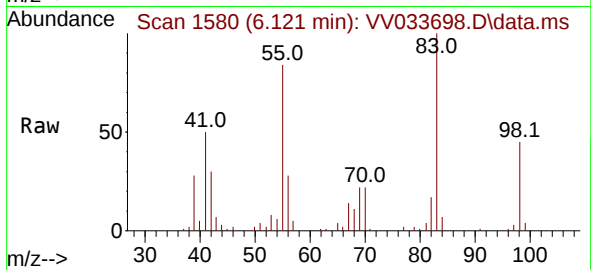
#35
Methylcyclohexane
Concen: 2.679 ug/L
RT: 6.121 min Scan# 11
Delta R.T. 0.071 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

Tgt Ion: 83 Resp: 3836
Ion Ratio Lower Upper
83 100
55 88.0 68.7 103.1
98 46.7 38.3 57.5

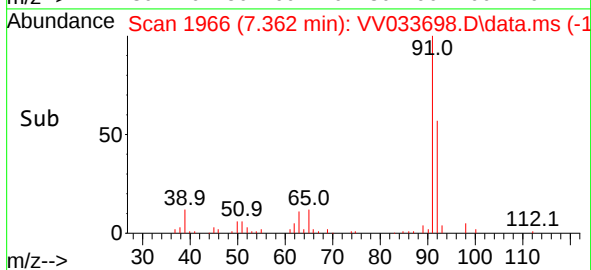
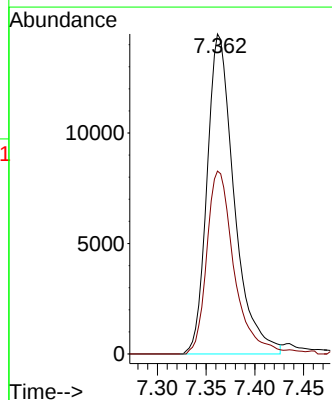
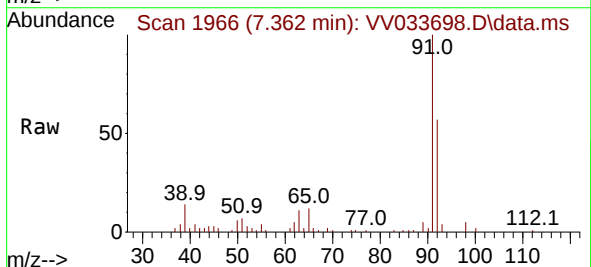
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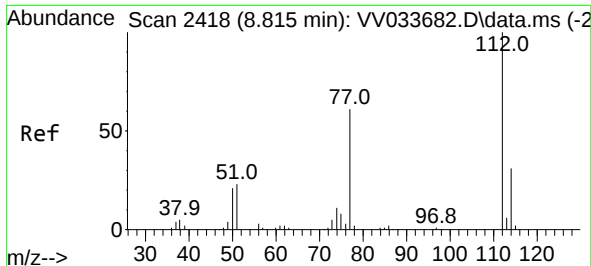
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#42
Toluene
Concen: 0.834 ug/L
RT: 7.362 min Scan# 1966
Delta R.T. 0.045 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32

Tgt Ion: 91 Resp: 28020
Ion Ratio Lower Upper
91 100
92 57.2 40.5 75.3





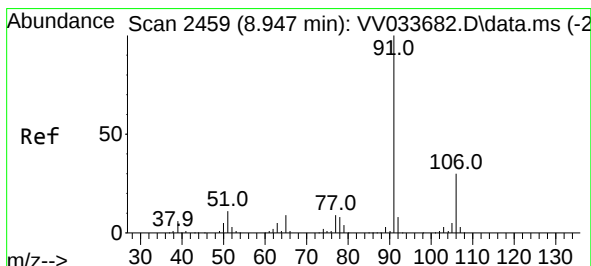
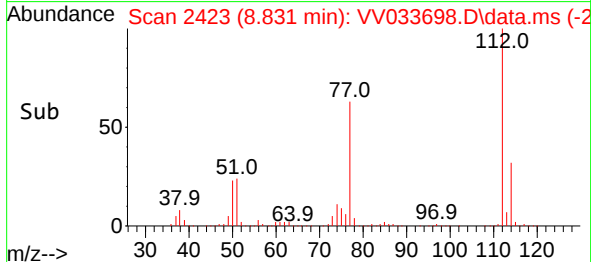
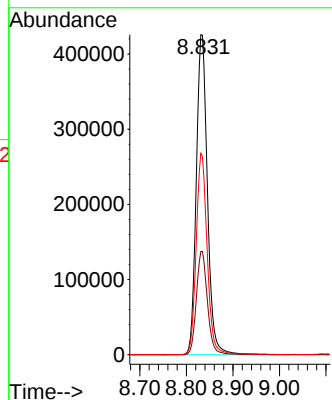
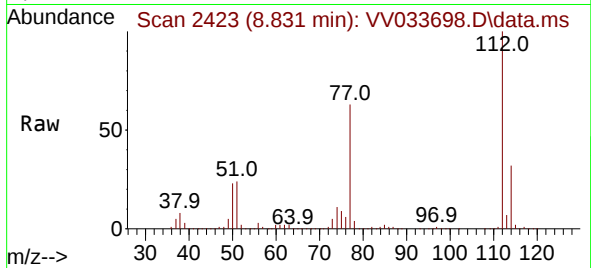
#51
Chlorobenzene
Concen: 34.286 ug/L
RT: 8.831 min Scan# 2418
Delta R.T. 0.016 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

Tgt Ion:112 Resp: 70591
Ion Ratio Lower Upper
112 100
114 32.3 22.9 42.5
77 62.9 50.8 76.2

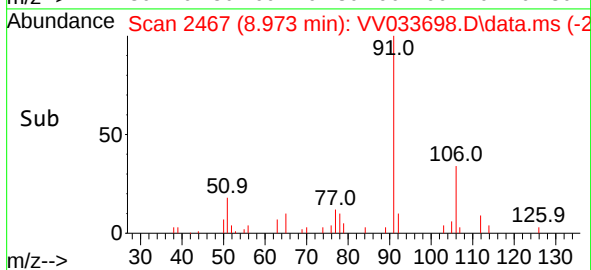
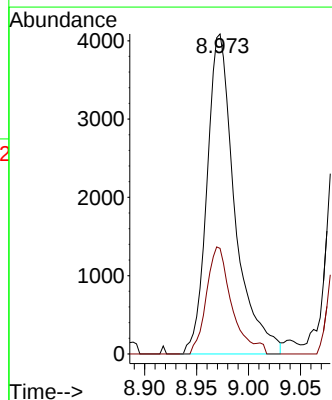
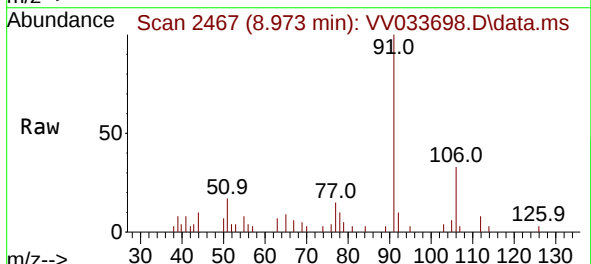
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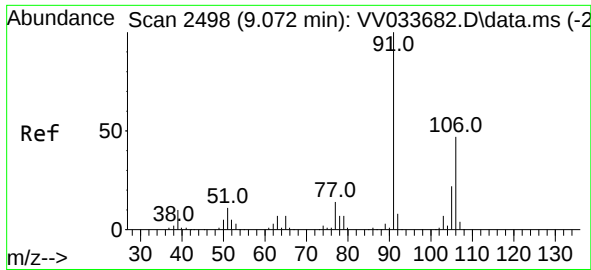
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#52
Ethylbenzene
Concen: 0.196 ug/L
RT: 8.973 min Scan# 2467
Delta R.T. 0.026 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32

Tgt Ion: 91 Resp: 7617
Ion Ratio Lower Upper
91 100
106 33.0 20.6 38.4





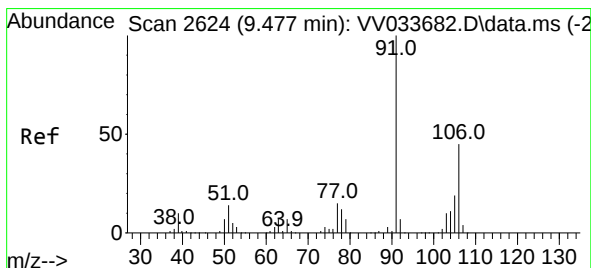
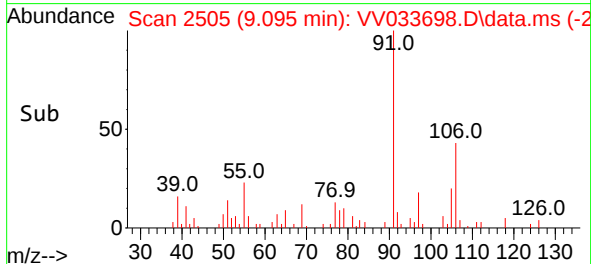
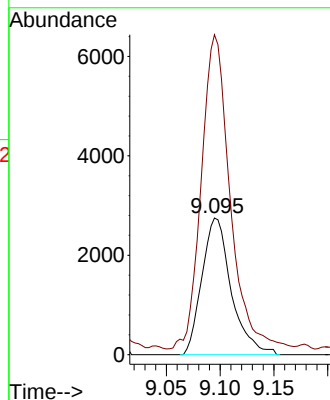
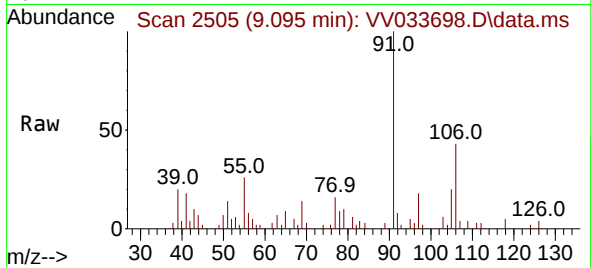
#53
m,p-Xylene
Concen: 0.364 ug/L
RT: 9.095 min Scan# 21
Delta R.T. 0.022 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

Tgt Ion:106 Resp: 5219
Ion Ratio Lower Upper
106 100
91 234.1 146.2 271.4

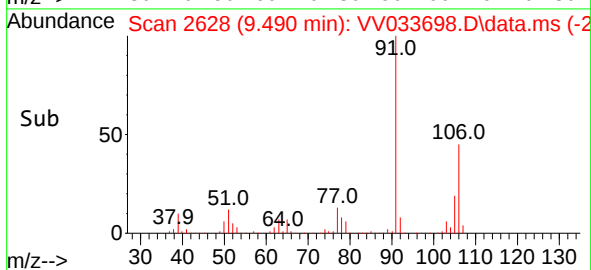
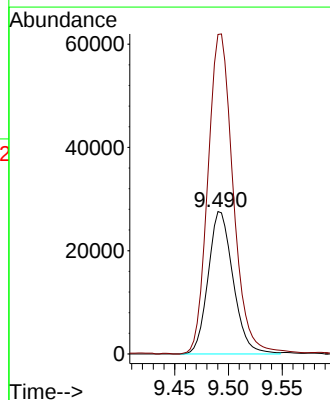
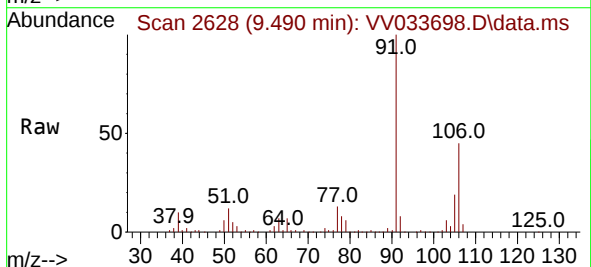
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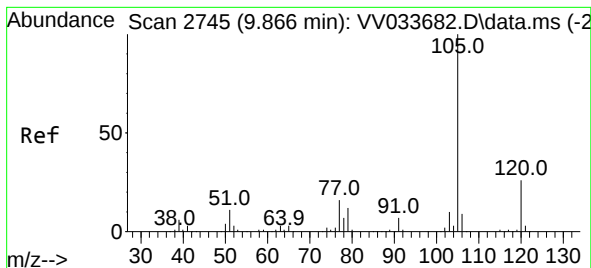
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#54
o-Xylene
Concen: 3.184 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.013 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32

Tgt Ion:106 Resp: 44472
Ion Ratio Lower Upper
106 100
91 224.4 156.0 289.6





#60

Isopropylbenzene

Concen: 8.467 ug/L

RT: 9.876 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV033698.D

Acq: 17 Jan 2024 02:32

Instrument :

MSVOA_V

ClientSampleId :

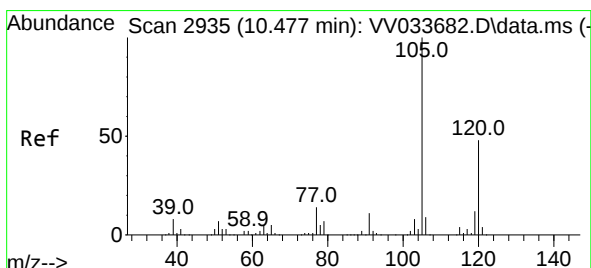
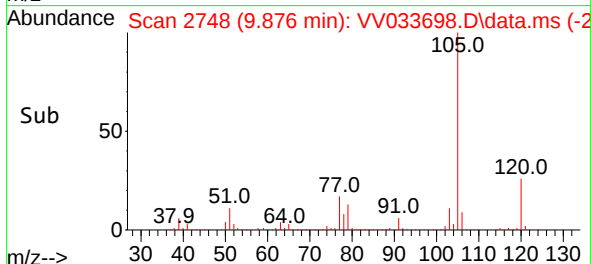
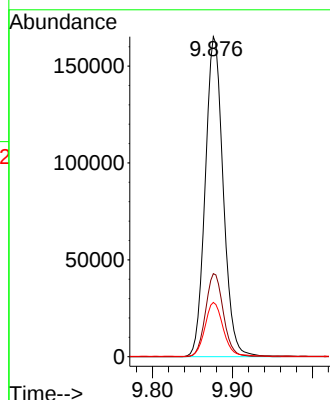
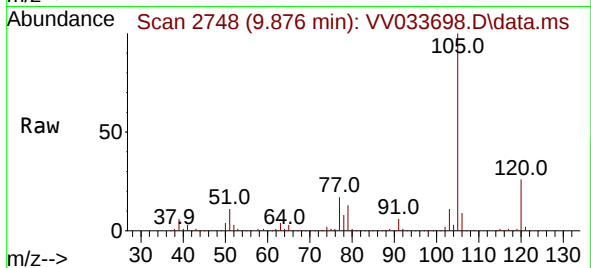
C0AX8

Tgt Ion:105 Resp: 25850
 Ion Ratio Lower Upper
 105 100
 120 25.7 21.0 31.6
 77 17.1 13.4 20.0

Manual Integrations

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#62

1,3,5-Trimethylbenzene

Concen: 4.585 ug/L

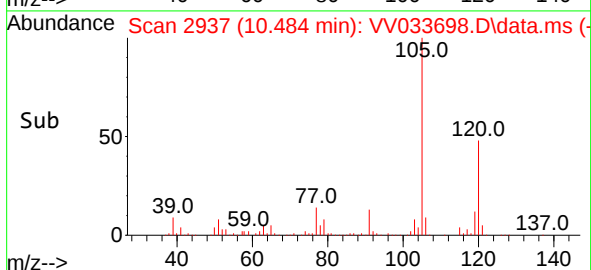
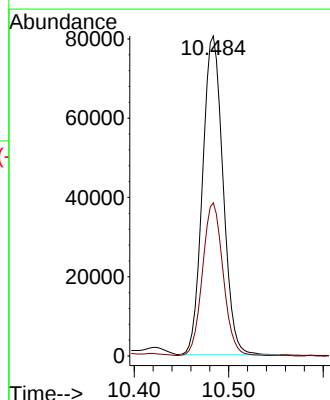
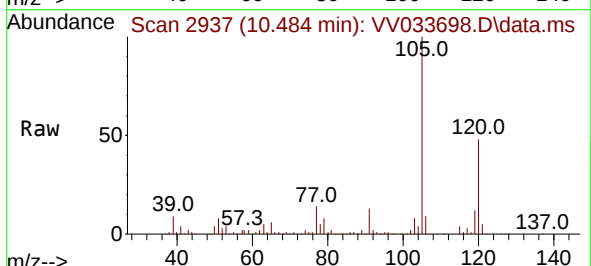
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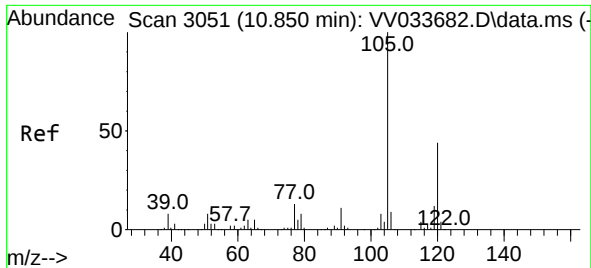
Delta R.T. 0.006 min

Lab File: VV033698.D

Acq: 17 Jan 2024 02:32

Tgt Ion:105 Resp: 120943
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.3 57.5





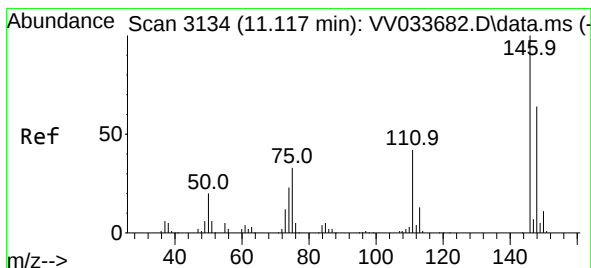
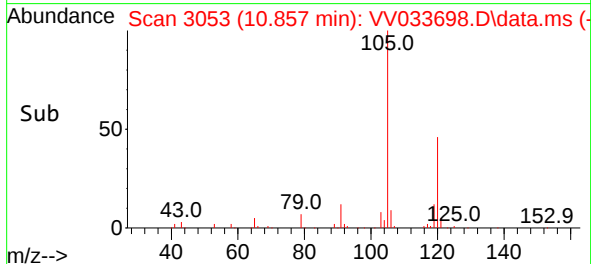
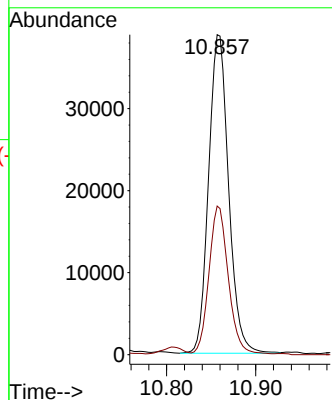
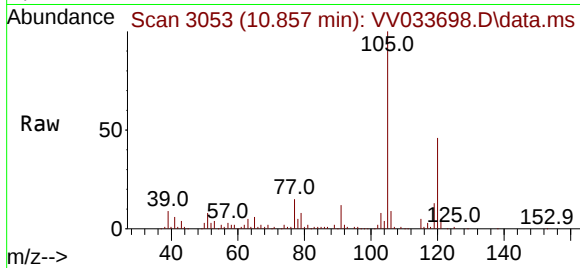
#63
1,2,4-Trimethylbenzene
Concen: 2.272 ug/L
RT: 10.857 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32

Instrument :
MSVOA_V
ClientSampleId :
C0AX8

Tgt Ion:105 Resp: 60504
Ion Ratio Lower Upper
105 100
120 44.5 35.5 53.3

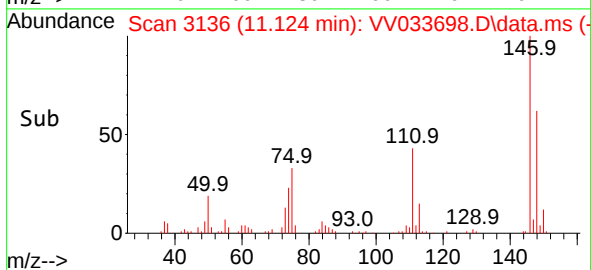
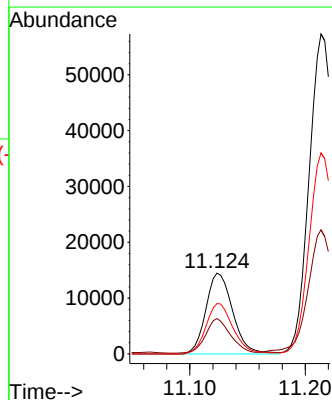
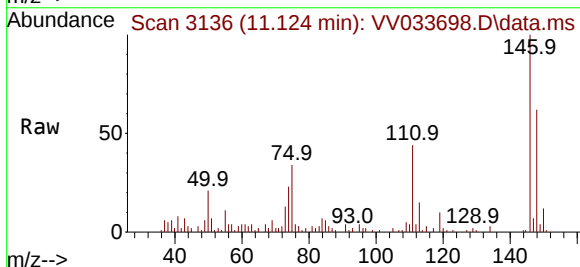
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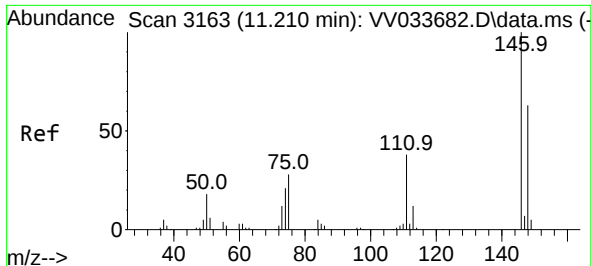
Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#64
1,3-Dichlorobenzene
Concen: 1.733 ug/L
RT: 11.124 min Scan# 3136
Delta R.T. 0.006 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32

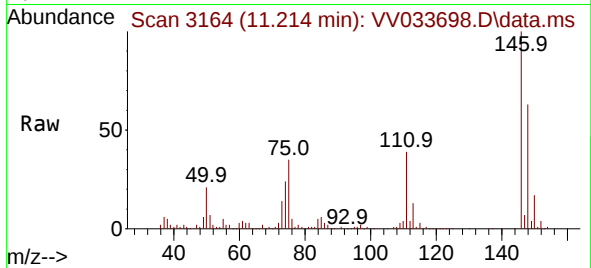
Tgt Ion:146 Resp: 23399
Ion Ratio Lower Upper
146 100
111 43.6 29.2 54.2
148 62.3 44.1 81.9





#65
1,4-Dichlorobenzene
Concen: 6.886 ug/L
RT: 11.214 min Scan# 3164
Delta R.T. 0.003 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32

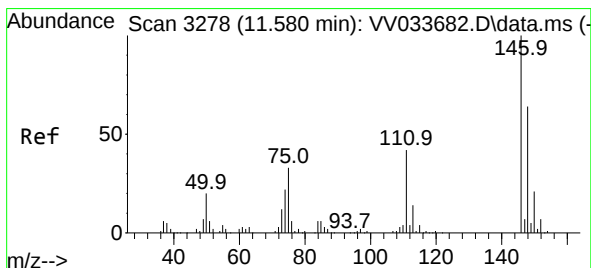
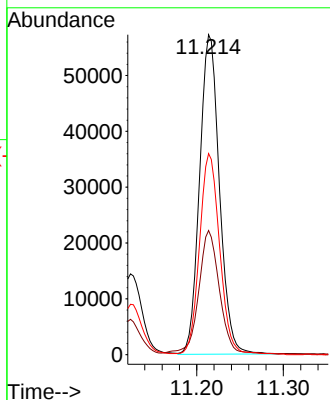
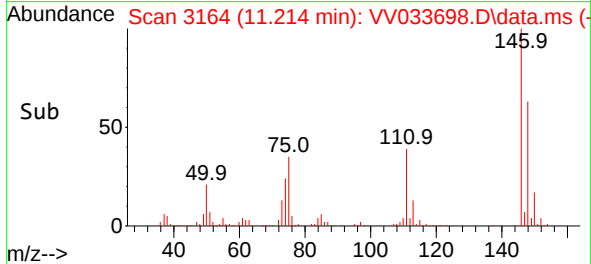
Instrument :
MSVOA_V
ClientSampleId :
C0AX8



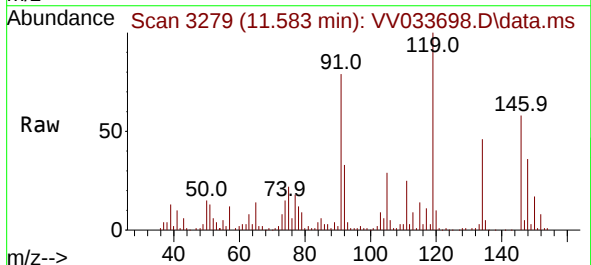
Tgt Ion:146 Resp: 91052
Ion Ratio Lower Upper
146 100
111 38.8 27.5 51.1
148 62.8 43.3 80.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024



#67
1,2-Dichlorobenzene
Concen: 4.230 ug/L
RT: 11.583 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VV033698.D
Acq: 17 Jan 2024 02:32



Tgt Ion:146 Resp: 49643
Ion Ratio Lower Upper
146 100
111 42.4 36.1 54.1
148 61.8 52.2 78.2

