

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033317.D
 Acq On : 14 Dec 2023 07:55
 Operator : SY/MD
 Sample : 05770-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY89

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 14 11:18:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	119960	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	119209	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	62082	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.269	65	38478	5.003	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.000%		
7) Chloroethane-d5	1.523	69	29803	5.211	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.200%		
11) 1,1-Dichloroethene-d2	2.050	65	16226	5.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 106.000%		
20) 2-Butanone-d5	3.870	46	37183	40.858	ug/L	0.07
Spiked Amount	50.000	Range 40 - 130	Recovery	= 81.720%		
24) Chloroform-d	4.240	84	77434	4.828	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.600%		
26) 1,2-Dichloroethane-d4	4.937	65	36955	5.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 106.000%		
32) Benzene-d6	4.944	84	147349	4.778	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 95.600%		
36) 1,2-Dichloropropane-d6	5.986	67	36342	5.177	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 103.600%		
41) Toluene-d8	7.236	98	146584	4.878	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.600%		
43) trans-1,3-Dichloroprop...	7.551	79	14601	4.560	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.200%		
46) 2-Hexanone-d5	8.040	63	43084	48.196	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.400%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	24869	5.239	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.800%		
66) 1,2-Dichlorobenzene-d4	11.561	152	57355	5.245	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 105.000%		
Target Compounds						Qvalue
5) Vinyl chloride	1.272	62	2111	0.244	ug/L #	59
14) Carbon disulfide	2.227	76	2519	0.113	ug/L #	89
22) cis-1,2-Dichloroethene	3.796	96	2326m	0.271	ug/L	
30) Cyclohexane	4.558	56	2896	0.275	ug/L #	77
33) Benzene	4.995	78	13291	0.416	ug/L	100
34) Trichloroethene	5.825	95	1971	0.212	ug/L	89
35) Methylcyclohexane	6.027	83	4050	0.294	ug/L #	84
39) cis-1,3-Dichloropropene	6.908	75	1160	0.111	ug/L #	70
42) Toluene	7.313	91	59852	1.636	ug/L	99
51) Chlorobenzene	8.815	112	7599	0.303	ug/L	97
52) Ethylbenzene	8.947	91	14478	0.353	ug/L	95
53) m,p-Xylene	9.069	106	8438	0.500	ug/L	86
54) o-Xylene	9.481	106	3595	0.225	ug/L	79
63) 1,2,4-Trimethylbenzene	10.850	105	8927	0.268	ug/L	100
65) 1,4-Dichlorobenzene	11.214	146	4943	0.237	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	6845	0.380	ug/L	95

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

Instrument :
MSVOA_V
ClientSampleId :
E0Y89

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023

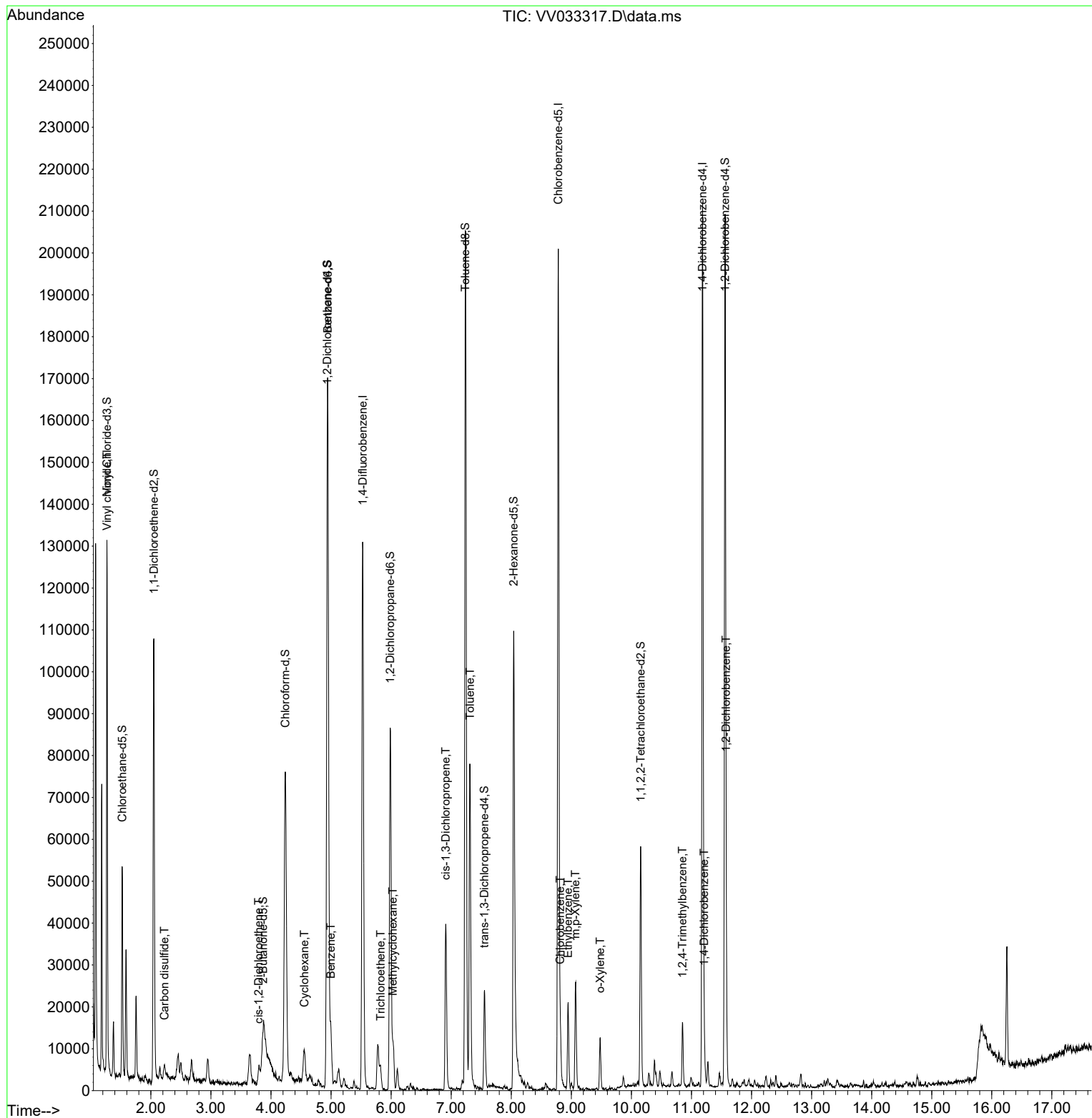
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Data File : VV033317.D
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Operator : SY/MD
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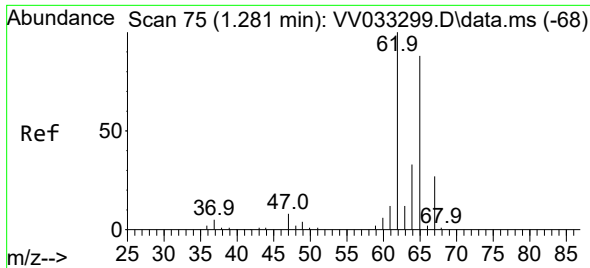
Instrument :
MSVOA_V
ClientSampleId :
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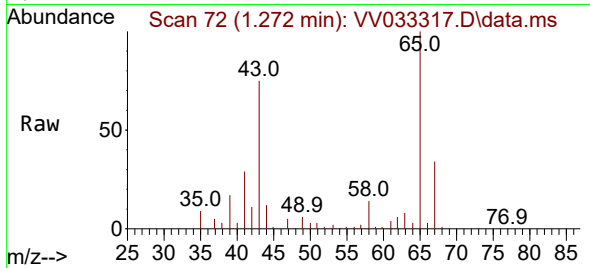
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 14 01:07:25 2023
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.244 ug/L
 RT: 1.272 min Scan# 71
 Delta R.T. -0.010 min
 Lab File: VV033317.D
 Acq: 14 Dec 2023 07:55

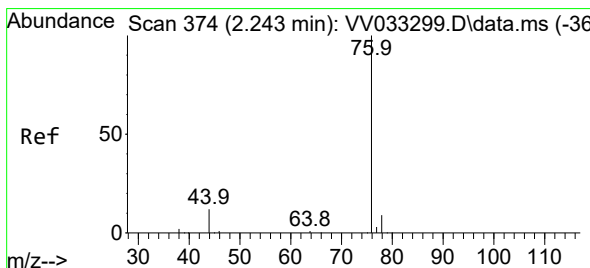
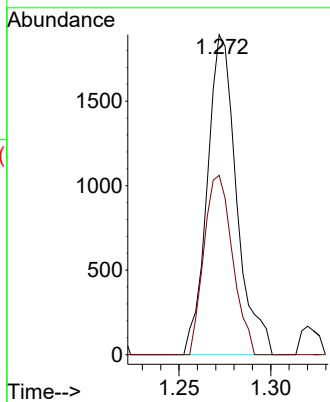
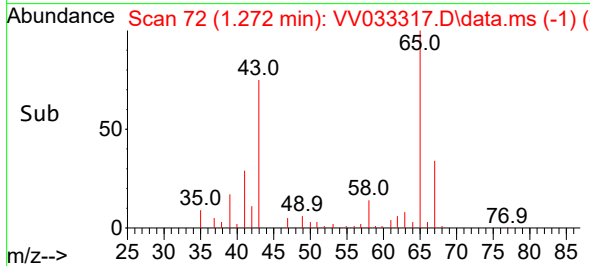
Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y89



Tgt Ion: 62 Resp: 211
 Ion Ratio Lower Upper
 62 100
 64 56.1 23.0 42.8

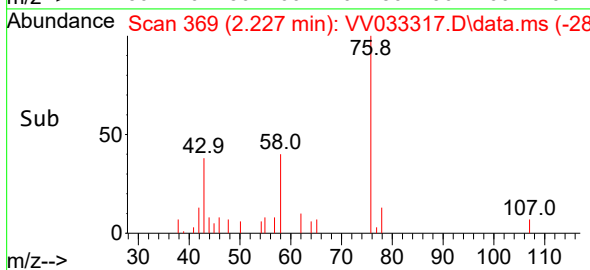
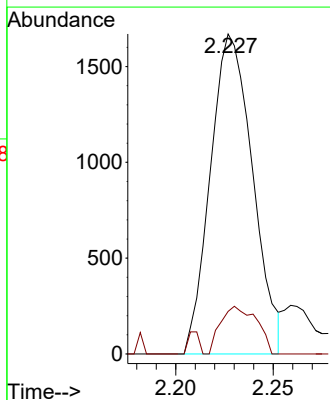
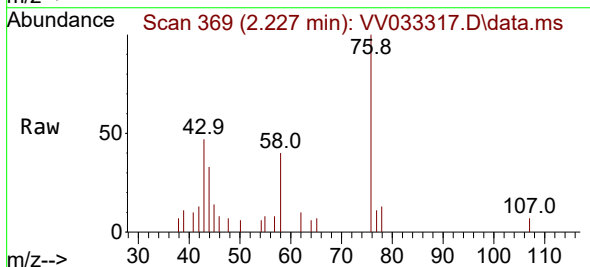
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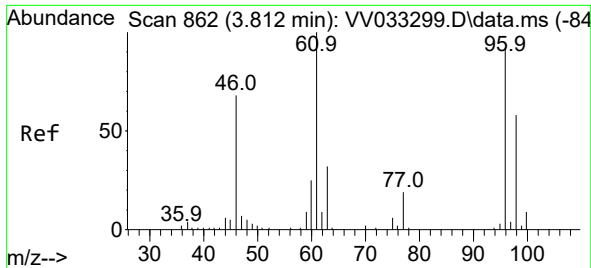
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023



#14
 Carbon disulfide
 Concen: 0.113 ug/L
 RT: 2.227 min Scan# 369
 Delta R.T. -0.016 min
 Lab File: VV033317.D
 Acq: 14 Dec 2023 07:55

Tgt Ion: 76 Resp: 2519
 Ion Ratio Lower Upper
 76 100
 78 13.3 7.4 11.0





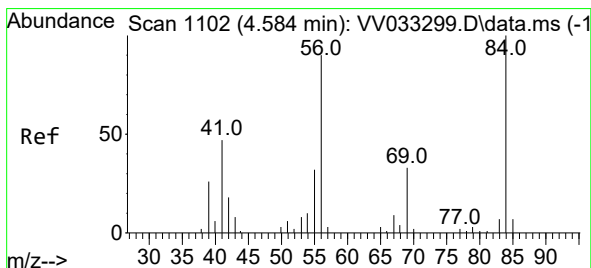
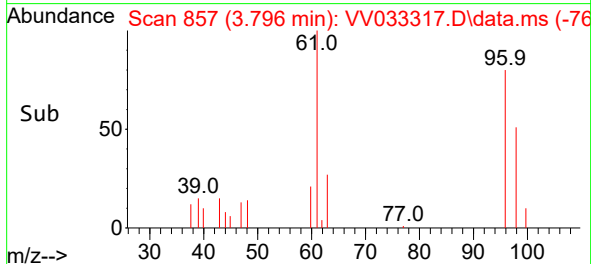
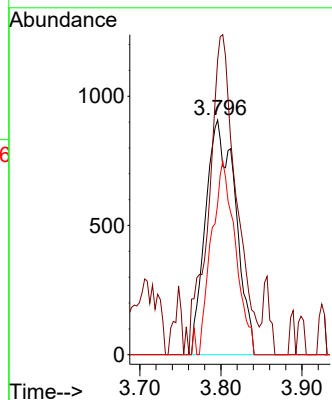
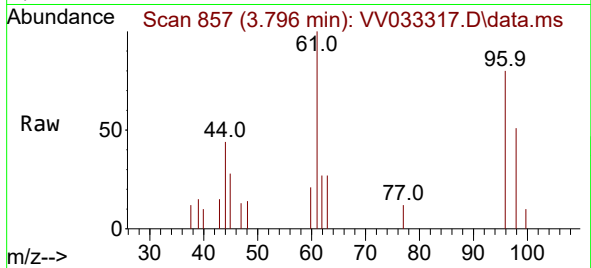
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cis-1,2-Dichloroethene
Concen: 0.271 ug/L m
RT: 3.796 min Scan# 81
Delta R.T. -0.016 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y89

Tgt Ion: 96 Resp: 2320
Ion Ratio Lower Upper
96 100
61 125.6 69.9 129.9
98 64.2 42.4 78.8

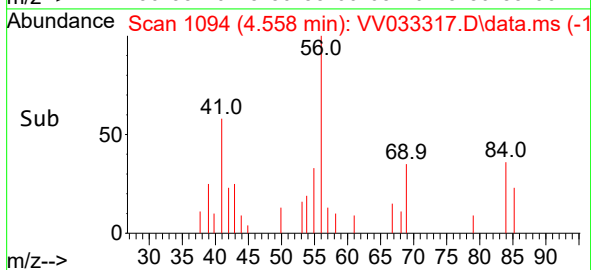
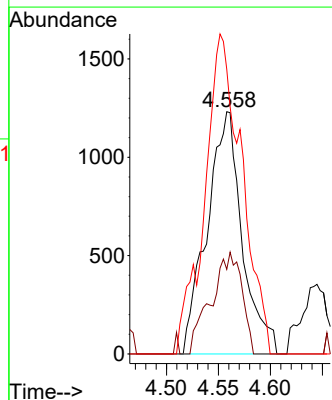
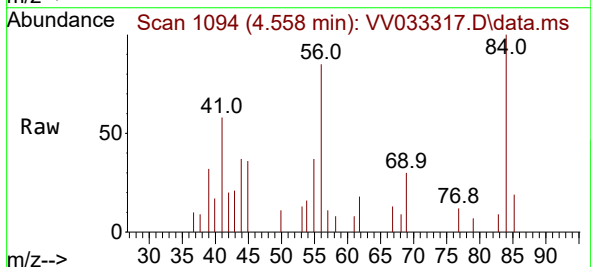
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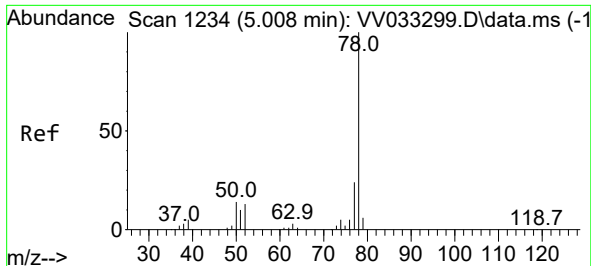
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#30
Cyclohexane
Concen: 0.275 ug/L
RT: 4.558 min Scan# 1094
Delta R.T. -0.026 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Tgt Ion: 56 Resp: 2896
Ion Ratio Lower Upper
56 100
69 36.8 28.8 43.2
84 139.5 86.2 129.4#





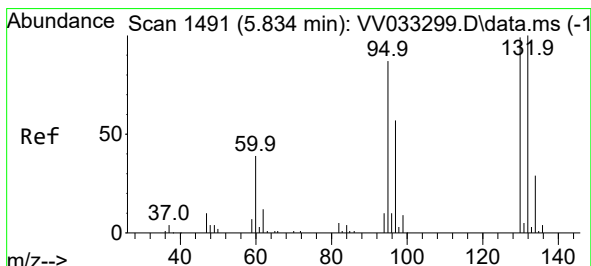
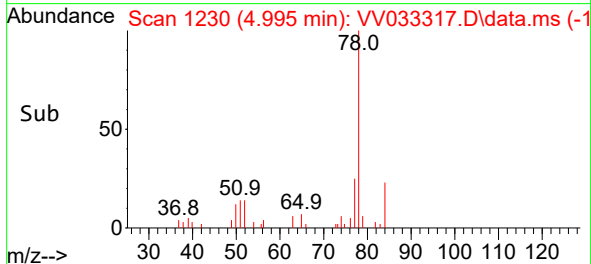
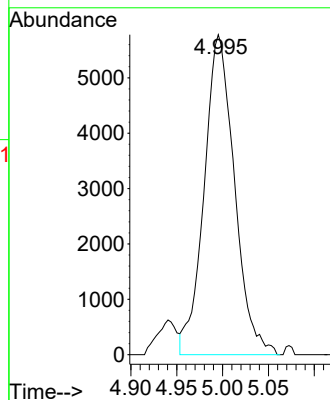
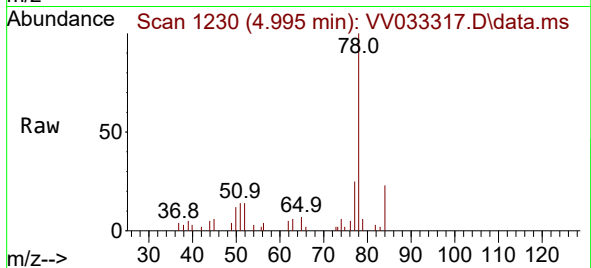
#33
Benzene
Concen: 0.416 ug/L
RT: 4.995 min Scan# 11
Delta R.T. -0.013 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y89

Tgt Ion: 78 Resp: 1329

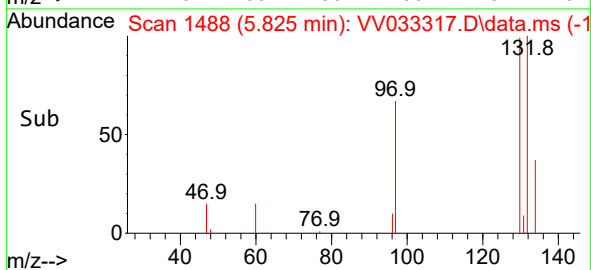
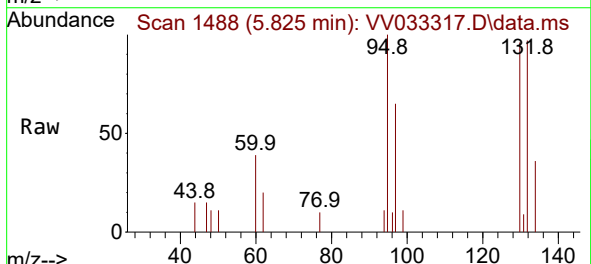
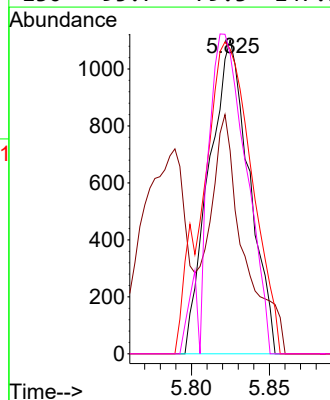
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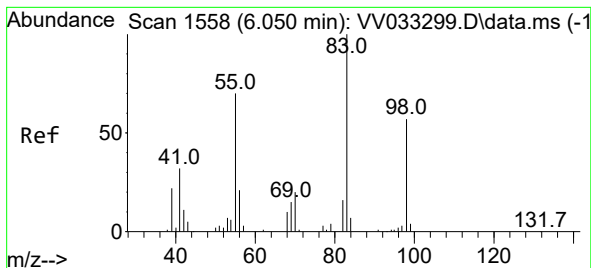
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#34
Trichloroethene
Concen: 0.212 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.010 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Tgt Ion: 95 Resp: 1971
Ion Ratio Lower Upper
95 100
97 64.8 46.5 86.5
132 97.2 75.1 139.5
130 95.7 79.3 147.3





#35

Methylcyclohexane

Concen: 0.294 ug/L

RT: 6.027 min Scan# 1551

Delta R.T. -0.022 min

Lab File: VV033317.D

Acq: 14 Dec 2023 07:55

Instrument :

MSVOA_V

ClientSampleId :

E0Y89

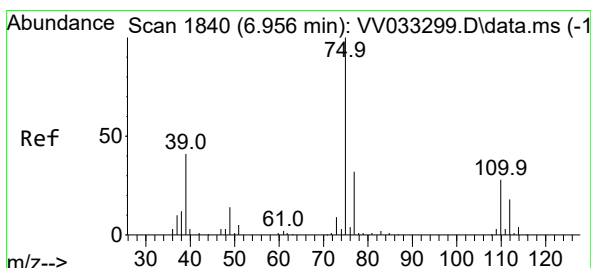
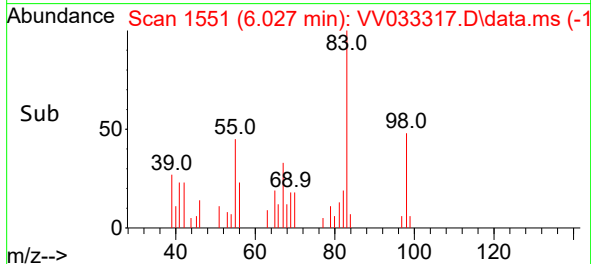
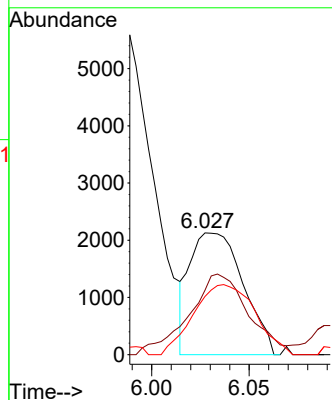
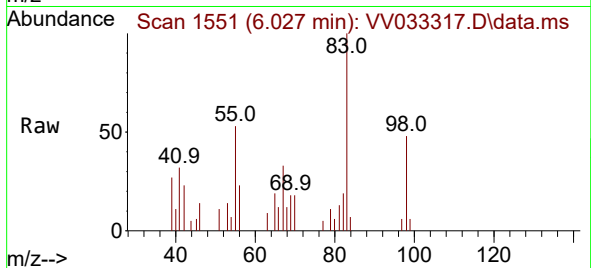
Tgt Ion: 83 Resp: 4050

Ion	Ratio	Lower	Upper
83	100		
55	73.8	50.7	76.1
98	66.3	42.4	63.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/18/2023



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.908 min Scan# 1825

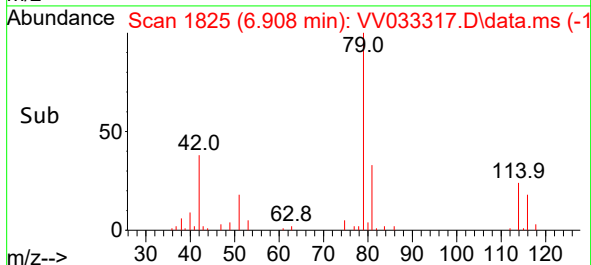
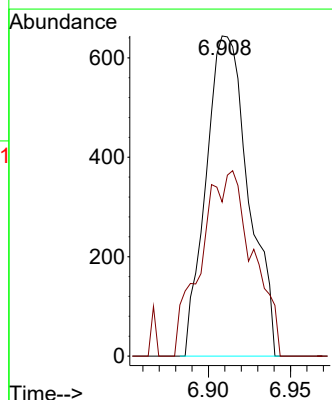
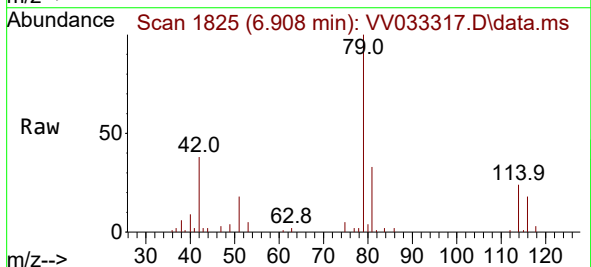
Delta R.T. -0.048 min

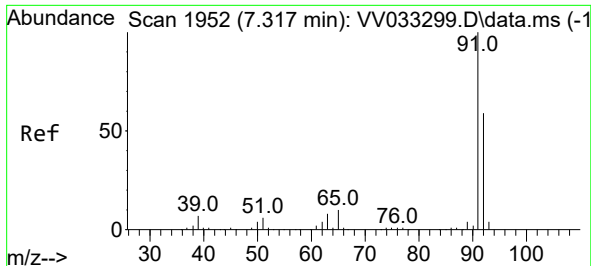
Lab File: VV033317.D

Acq: 14 Dec 2023 07:55

Tgt Ion: 75 Resp: 1160

Ion	Ratio	Lower	Upper
75	100		
77	48.1	22.1	41.1





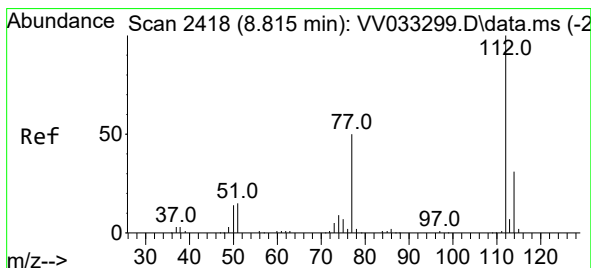
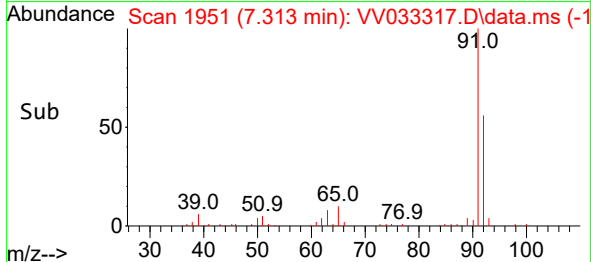
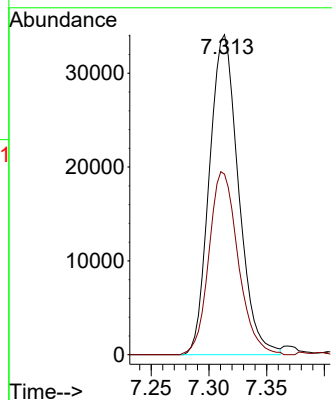
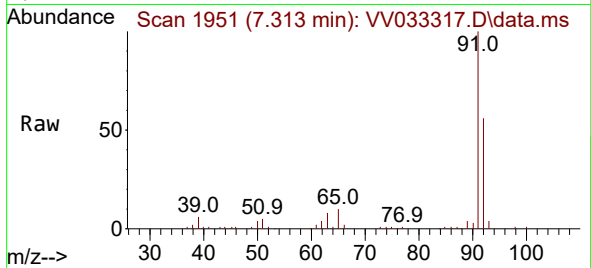
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Toluene
Concen: 1.636 ug/L
RT: 7.313 min Scan# 1952
Delta R.T. -0.003 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y89

Tgt Ion: 91 Resp: 5985
Ion Ratio Lower Upper
91 100
92 56.4 40.2 74.6

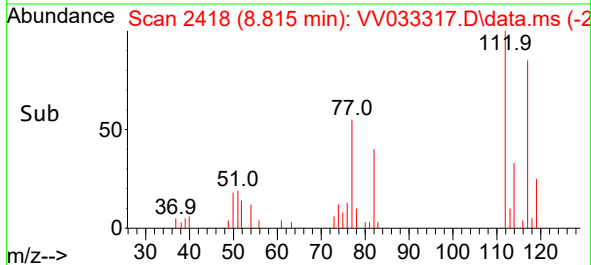
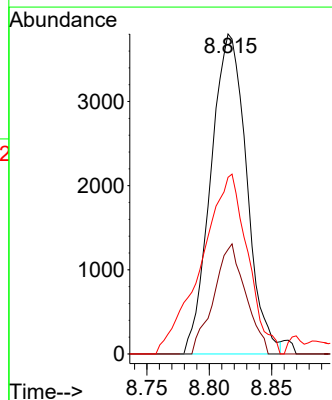
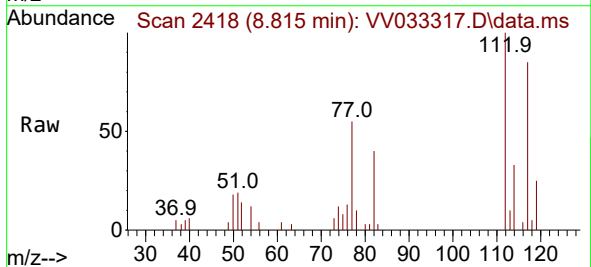
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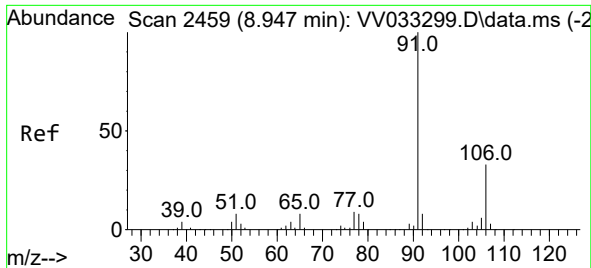
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#51
Chlorobenzene
Concen: 0.303 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Tgt Ion:112 Resp: 7599
Ion Ratio Lower Upper
112 100
114 32.7 22.8 42.4
77 55.2 41.3 61.9





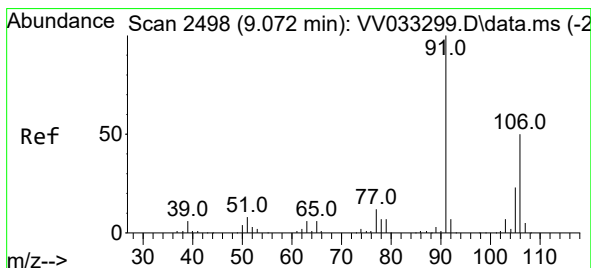
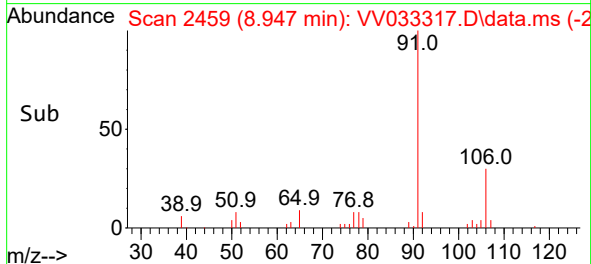
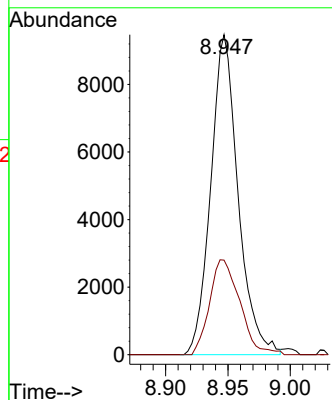
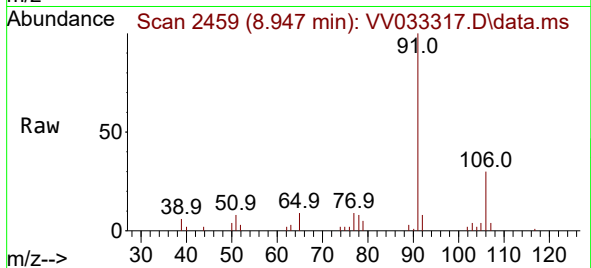
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Ethylbenzene
Concen: 0.353 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.000 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y89

Tgt Ion: 91 Resp: 14478
Ion Ratio Lower Upper
91 100
106 29.5 22.7 42.3

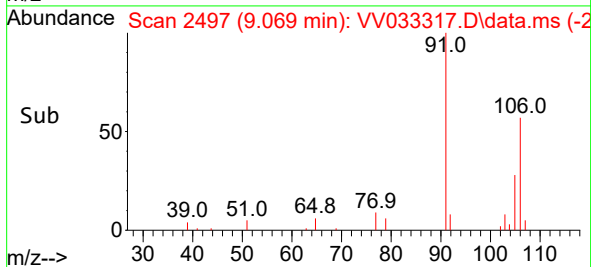
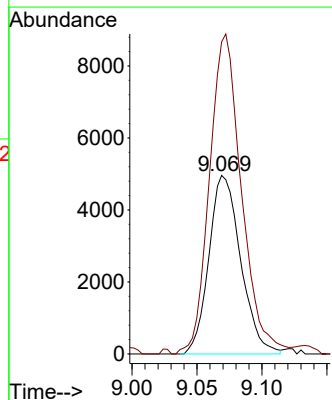
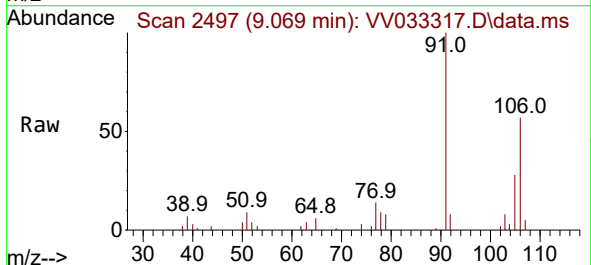
Manual Integrations
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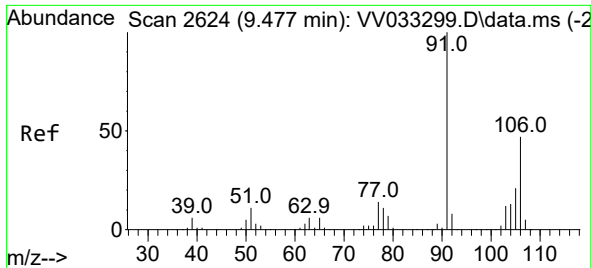
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#53
m,p-Xylene
Concen: 0.500 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.003 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Tgt Ion:106 Resp: 8438
Ion Ratio Lower Upper
106 100
91 174.9 136.8 254.0





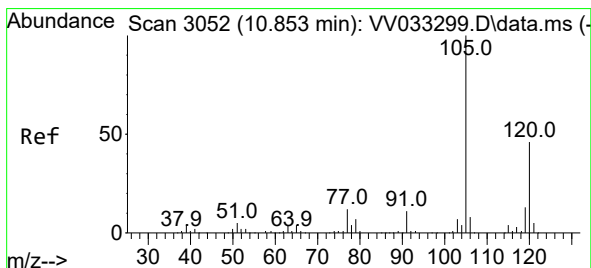
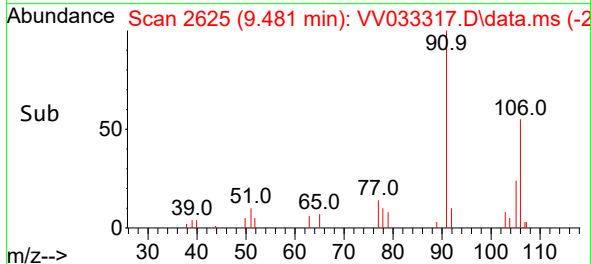
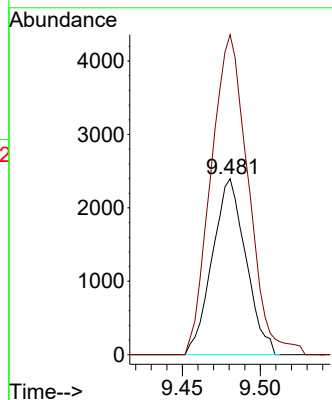
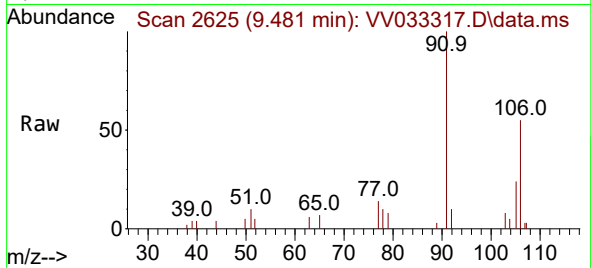
#54
o-Xylene
Concen: 0.225 ug/L
RT: 9.481 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Instrument :
MSVOA_V
ClientSampleId :
E0Y89

Tgt Ion:106 Resp: 359
Ion Ratio Lower Upper
106 100
91 181.8 149.9 278.5

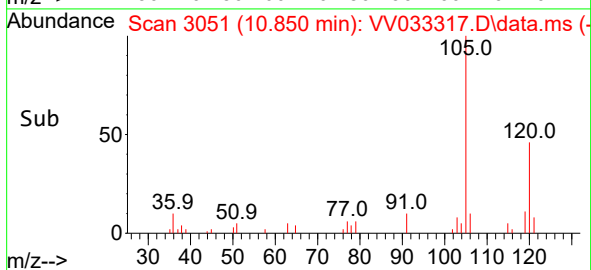
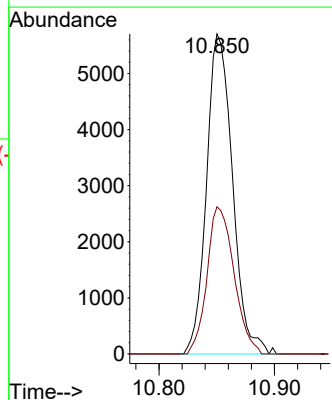
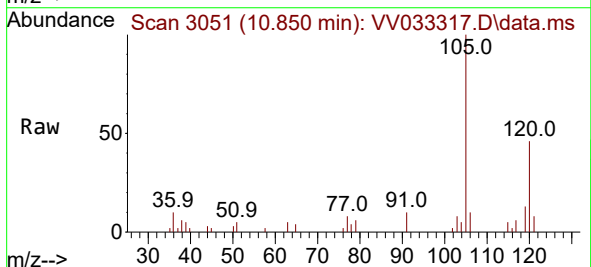
Manual Integrations
APPROVED

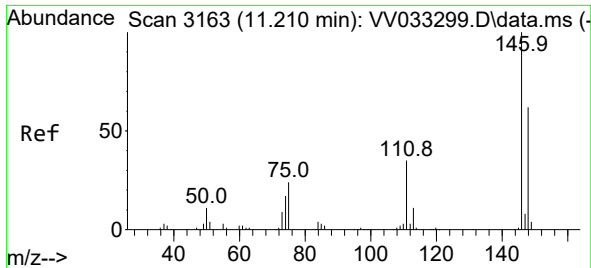
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.268 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. -0.003 min
Lab File: VV033317.D
Acq: 14 Dec 2023 07:55

Tgt Ion:105 Resp: 8927
Ion Ratio Lower Upper
105 100
120 47.7 38.1 57.1





#65

1,4-Dichlorobenzene

Concen: 0.237 ug/L

RT: 11.214 min Scan# 3163

Delta R.T. 0.003 min

Lab File: VV033317.D

Acq: 14 Dec 2023 07:55

Instrument :

MSVOA_V

ClientSampleId :

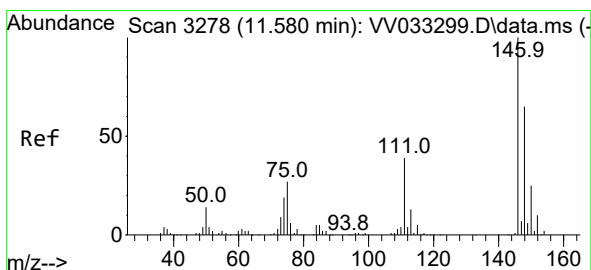
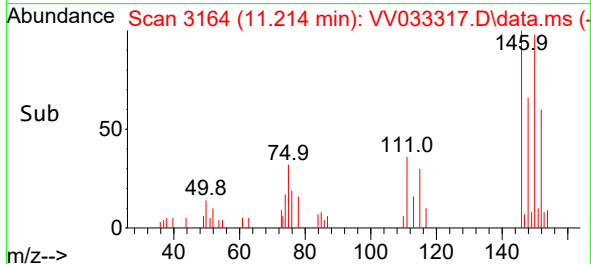
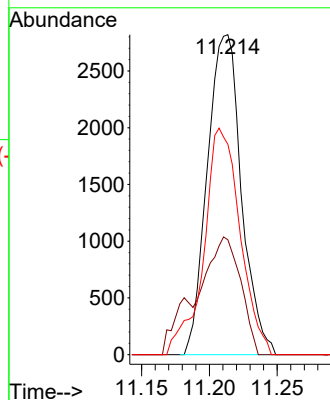
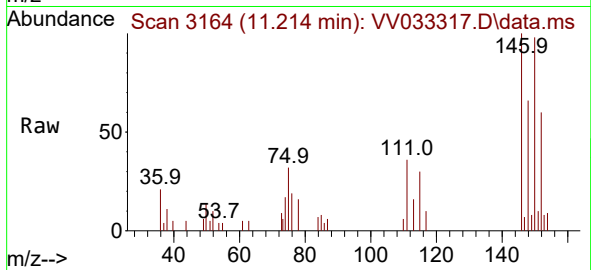
E0Y89

Tgt Ion:	146	Resp:	494
Ion Ratio	Lower	Upper	
146	100		
111	35.9	25.6	47.4
148	65.7	44.7	82.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#67

1,2-Dichlorobenzene

Concen: 0.380 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VV033317.D

Acq: 14 Dec 2023 07:55

Tgt Ion:	146	Resp:	6845
Ion Ratio	Lower	Upper	
146	100		
111	38.6	31.0	46.4
148	59.8	52.6	79.0

