

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033287.D
 Acq On : 13 Dec 2023 19:34
 Operator : SY/MD
 Sample : 05731-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y59

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 23:35:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	125064	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	125885	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65712	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37815	4.717	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.536	69	28826	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.600%
11) 1,1-Dichloroethene-d2	2.060	65	15122	4.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.800%
20) 2-Butanone-d5	3.806	46	49728	52.413	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.820%
24) Chloroform-d	4.249	84	81113	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	4.944	65	39237	5.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.000%
32) Benzene-d6	4.963	84	157189	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	5.989	67	36008	4.858	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.246	98	148441	4.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	7.558	79	15801	4.673	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.030	63	54245	57.463	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.920%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27345	5.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	61511	5.315	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.200%
Target Compounds						Qvalue
13) Acetone	2.130	43	3673m	5.470	ug/L	
14) Carbon disulfide	2.246	76	2990	0.128	ug/L	98
22) cis-1,2-Dichloroethene	3.818	96	9898	1.105	ug/L	93
30) Cyclohexane	4.584	56	2348	0.211	ug/L	98
33) Benzene	5.015	78	9218	0.273	ug/L	100
34) Trichloroethene	5.834	95	34487	3.507	ug/L	95
35) Methylcyclohexane	6.047	83	4023	0.276	ug/L	90
42) Toluene	7.320	91	31953	0.827	ug/L	95
47) Tetrachloroethene	7.908	164	3436	0.369	ug/L	93
52) Ethylbenzene	8.953	91	8805	0.203	ug/L	94
53) m,p-Xylene	9.079	106	4655	0.261	ug/L	93
54) o-Xylene	9.484	106	2338	0.139	ug/L	62
63) 1,2,4-Trimethylbenzene	10.857	105	4767	0.135	ug/L	98

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

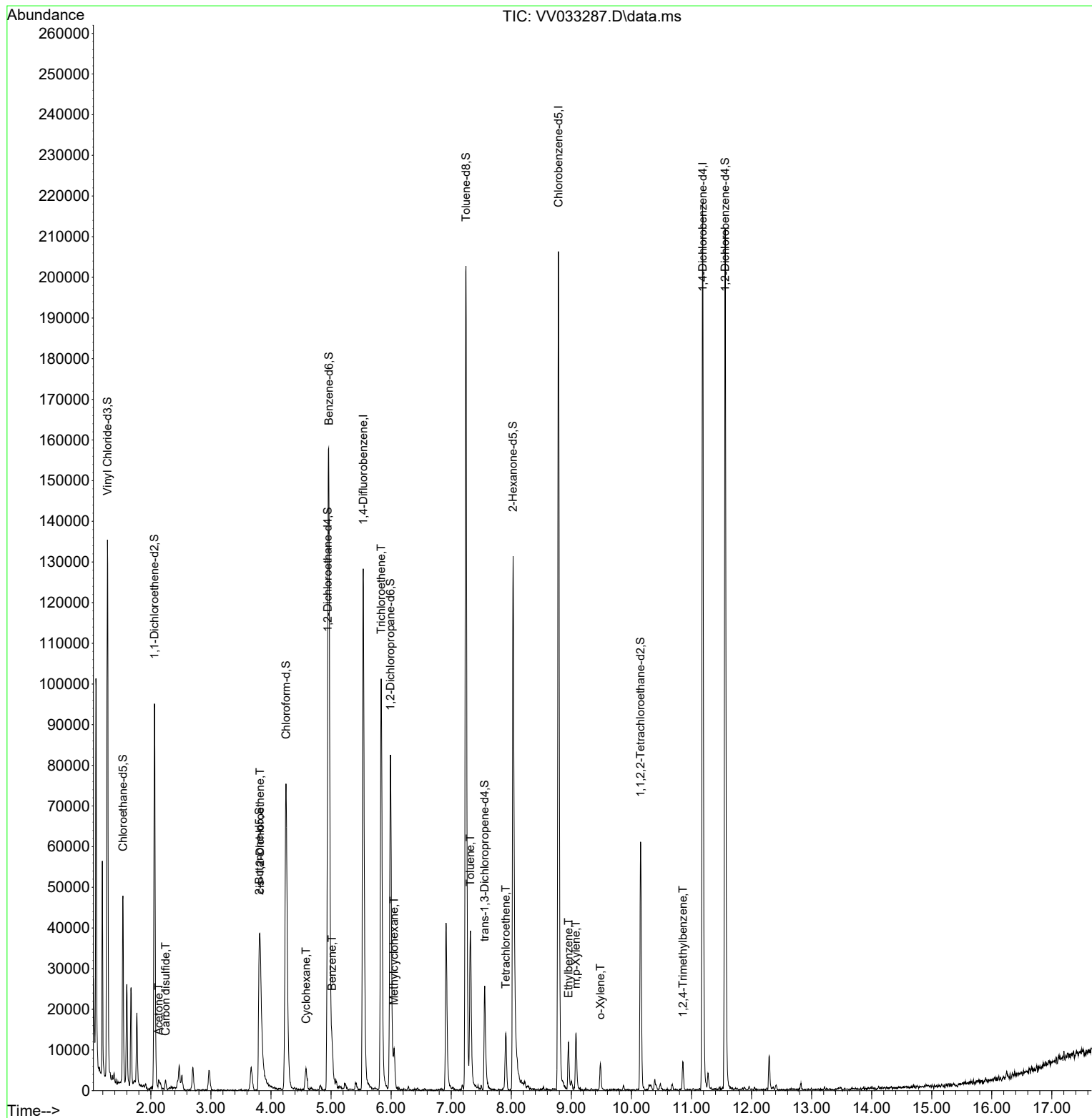
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033287.D
Acq On : 13 Dec 2023 19:34
Operator : SY/MD
Sample : 05731-13
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

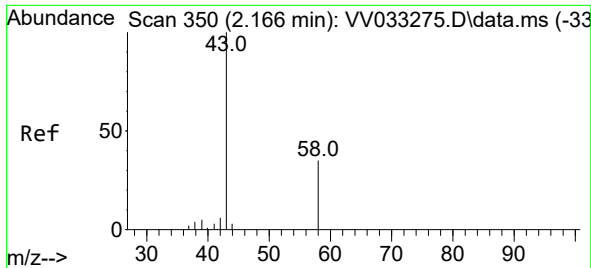
Instrument :
MSVOA_V
ClientSampleId :
E0Y59

Quant Time: Dec 13 23:35:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
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#13

Acetone

Concen: 5.470 ug/L m

RT: 2.130 min Scan# 31

Delta R.T. -0.035 min

Lab File: VV033287.D

Acq: 13 Dec 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

E0Y59

Tgt Ion: 43 Resp: 367

Ion Ratio Lower Upper

43 100

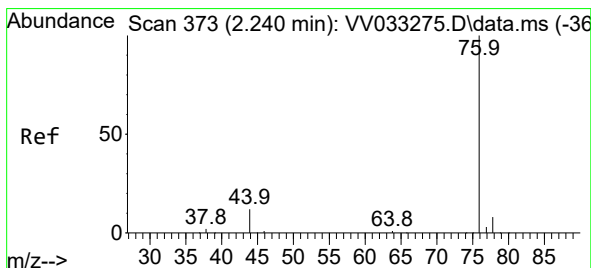
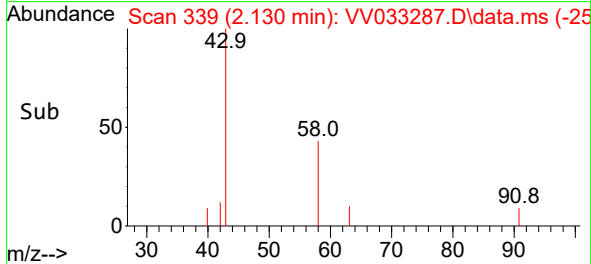
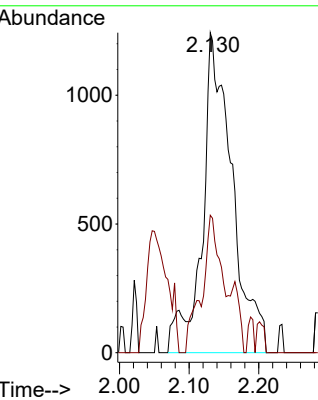
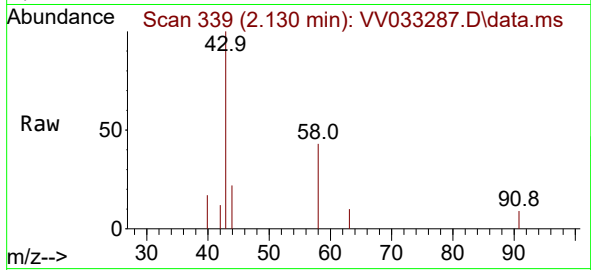
58 2.3 0.0 30.2

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Supervised By :Mahesh Dadoda 12/18/2023



#14

Carbon disulfide

Concen: 0.128 ug/L

RT: 2.246 min Scan# 375

Delta R.T. 0.007 min

Lab File: VV033287.D

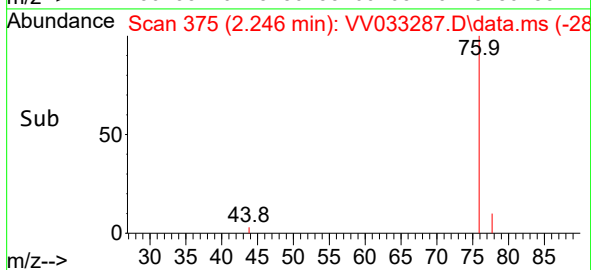
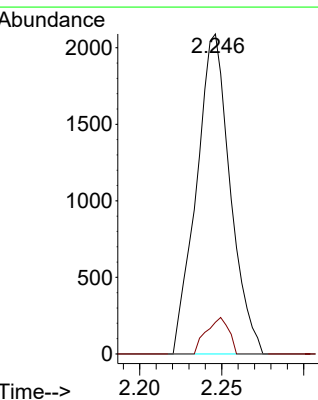
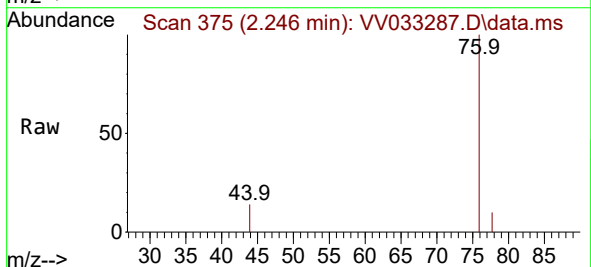
Acq: 13 Dec 2023 19:34

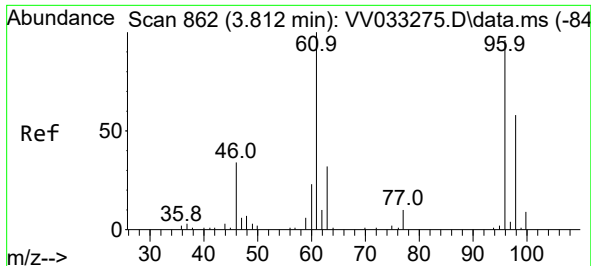
Tgt Ion: 76 Resp: 2990

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0





#22

cis-1,2-Dichloroethene

Concen: 1.105 ug/L

RT: 3.818 min Scan# 80

Delta R.T. 0.007 min

Lab File: VV033287.D

Acq: 13 Dec 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

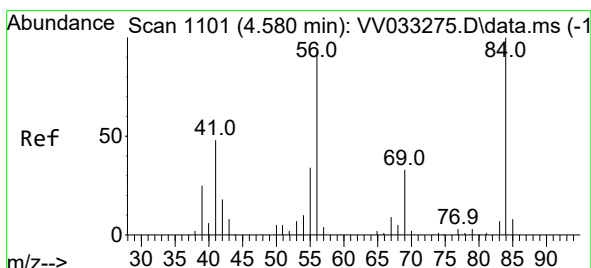
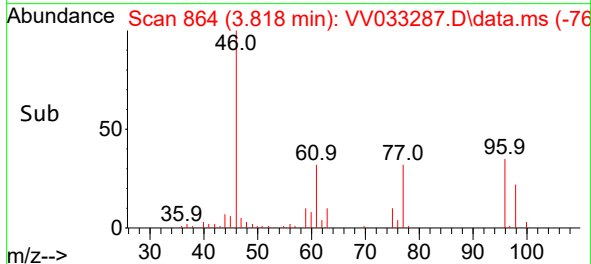
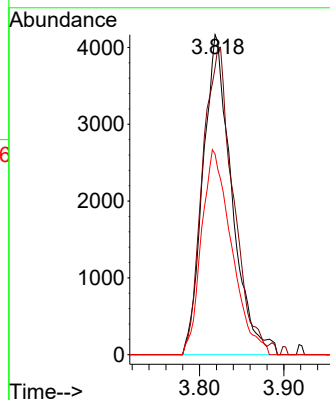
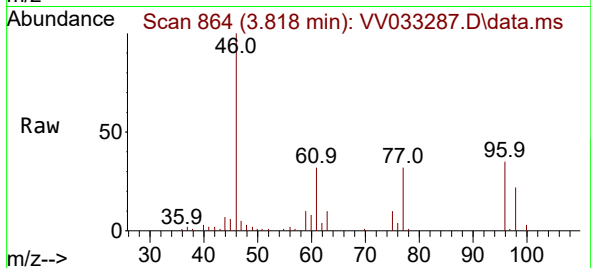
E0Y59

Tgt Ion:	96	Resp:	989
Ion Ratio	Lower	Upper	
96	100		
61	89.7	69.9	129.9
98	62.7	42.4	78.8

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#30

Cyclohexane

Concen: 0.211 ug/L

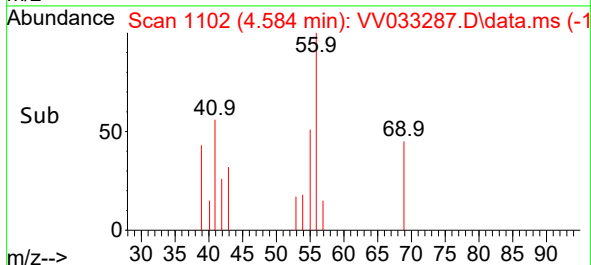
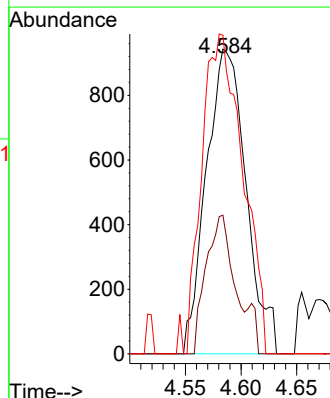
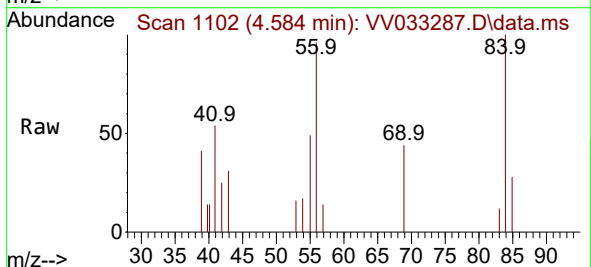
RT: 4.584 min Scan# 1102

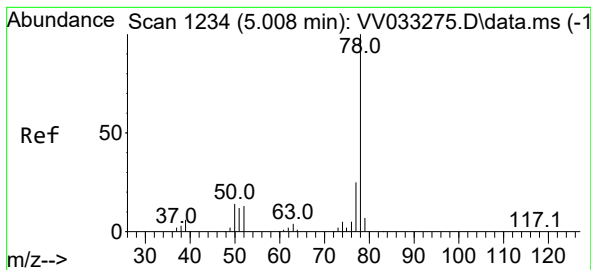
Delta R.T. 0.003 min

Lab File: VV033287.D

Acq: 13 Dec 2023 19:34

Tgt Ion:	56	Resp:	2348
Ion Ratio	Lower	Upper	
56	100		
69	31.1	28.8	43.2
84	107.5	86.2	129.4





#33

Benzene

Concen: 0.273 ug/L

RT: 5.015 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV033287.D

Acq: 13 Dec 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

E0Y59

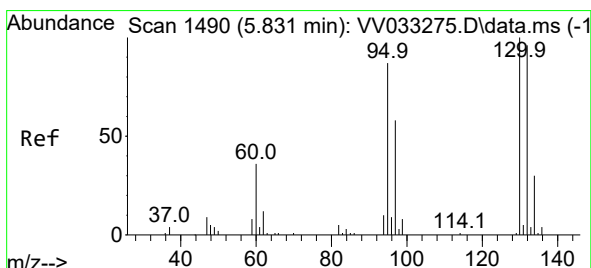
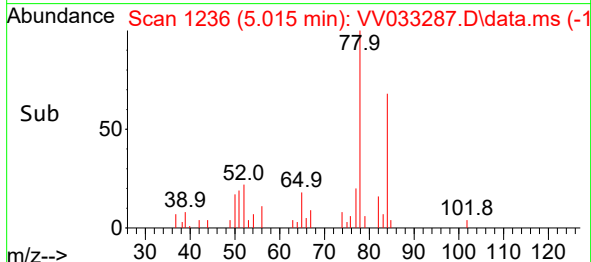
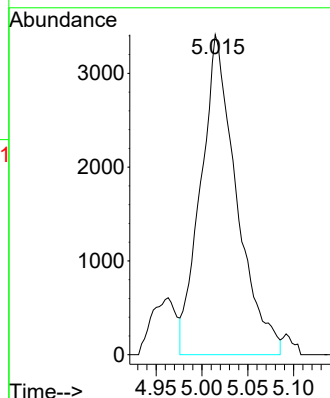
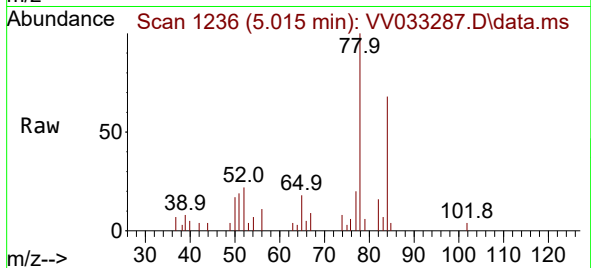
Tgt Ion: 78 Resp: 9218

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Supervised By :Mahesh Dadoda 12/18/2023



#34

Trichloroethene

Concen: 3.507 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV033287.D

Acq: 13 Dec 2023 19:34

Tgt Ion: 95 Resp: 34487

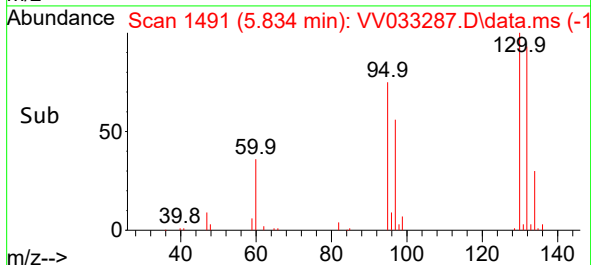
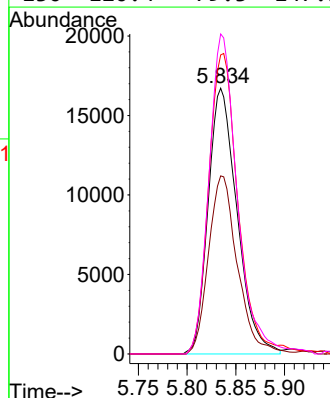
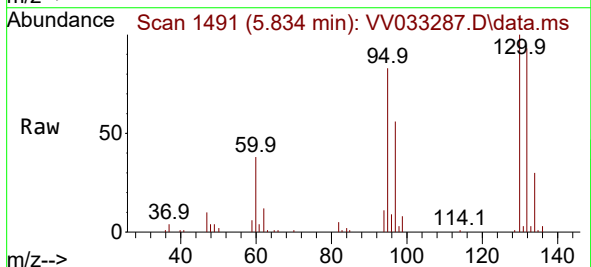
Ion Ratio Lower Upper

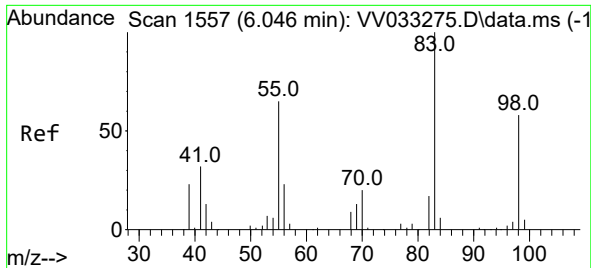
95 100

97 67.0 46.5 86.5

132 112.5 75.1 139.5

130 120.4 79.3 147.3





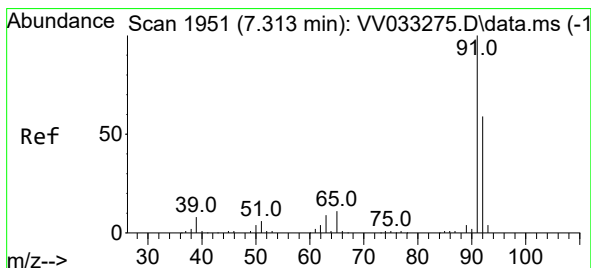
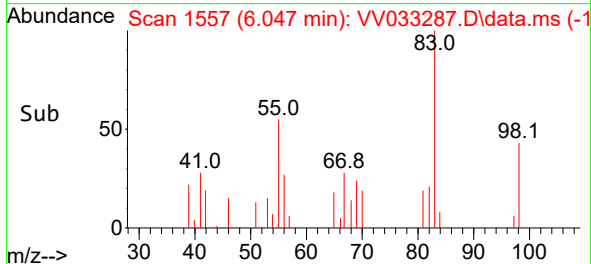
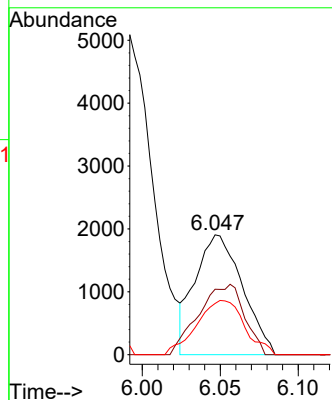
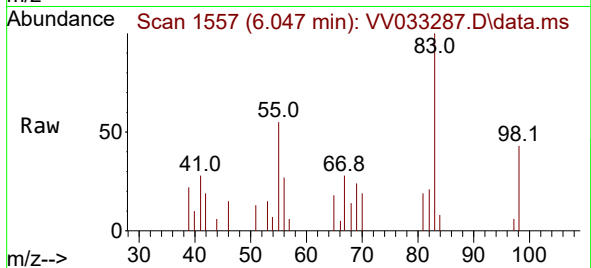
#35
Methylcyclohexane
Concen: 0.276 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV033287.D
Acq: 13 Dec 2023 19:34

Instrument :
MSVOA_V
ClientSampleId :
E0Y59

Tgt Ion: 83 Resp: 402
Ion Ratio Lower Upper
83 100
55 56.5 50.7 76.1
98 45.6 42.4 63.6

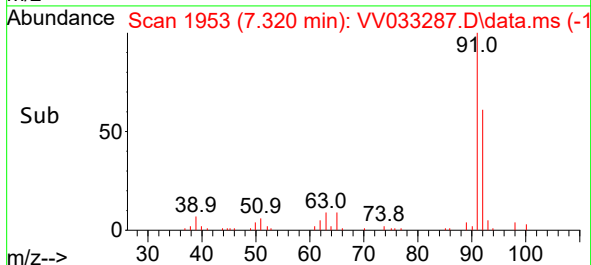
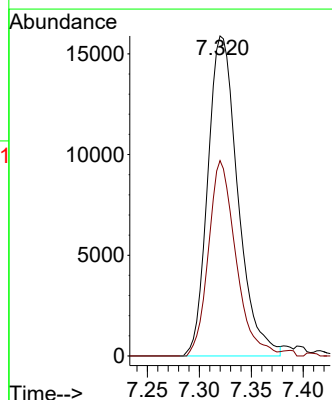
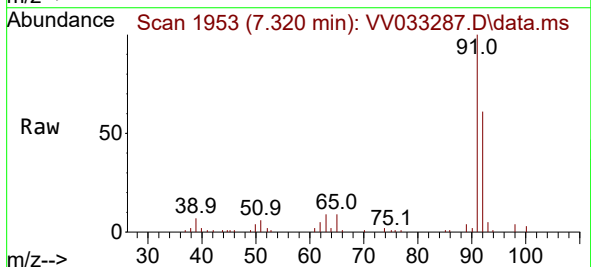
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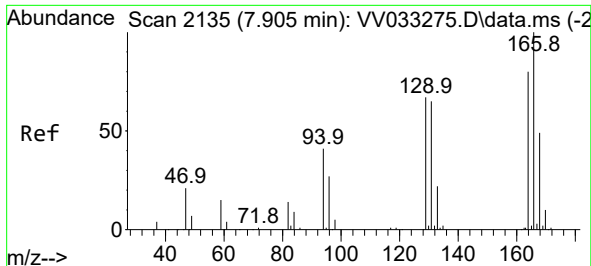
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#42
Toluene
Concen: 0.827 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.007 min
Lab File: VV033287.D
Acq: 13 Dec 2023 19:34

Tgt Ion: 91 Resp: 31953
Ion Ratio Lower Upper
91 100
92 61.0 40.2 74.6





#47

Tetrachloroethene

Concen: 0.369 ug/L

RT: 7.908 min Scan# 2135

Delta R.T. 0.003 min

Lab File: VV033287.D

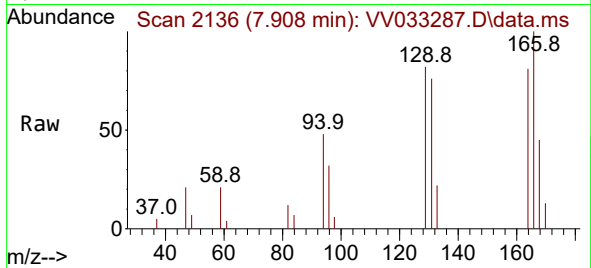
Acq: 13 Dec 2023 19:34

Instrument :

MSVOA_V

ClientSampleId :

E0Y59



Tgt Ion:164 Resp: 3430

Ion Ratio Lower Upper

164 100

129 101.3 62.6 116.3

131 94.0 62.6 116.3

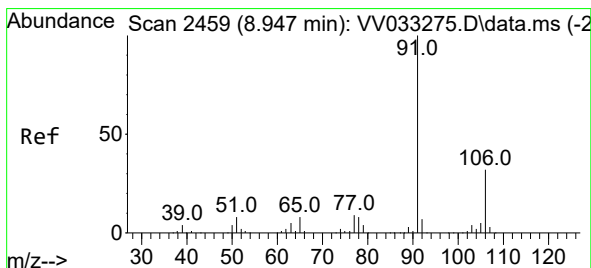
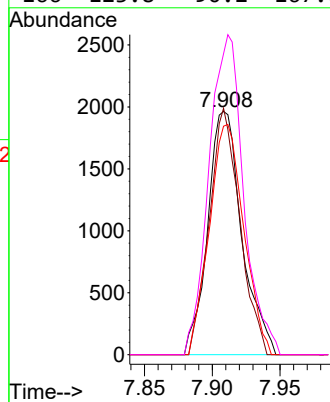
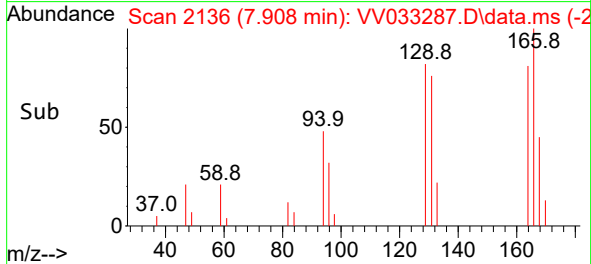
166 123.8 90.2 167.6

Manual Integrations

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Supervised By :Mahesh Dadoda 12/18/2023



#52

Ethylbenzene

Concen: 0.203 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.007 min

Lab File: VV033287.D

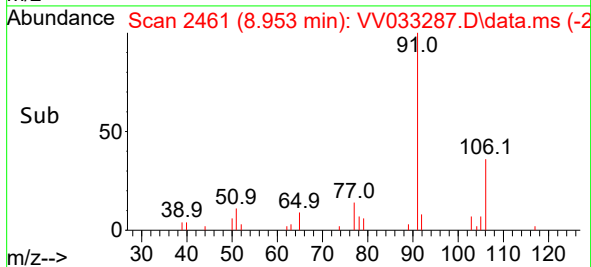
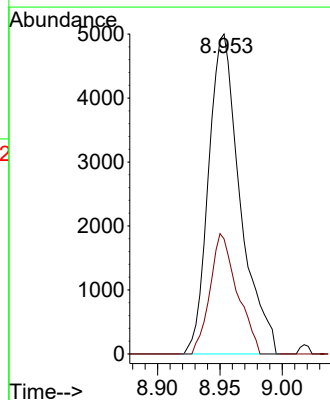
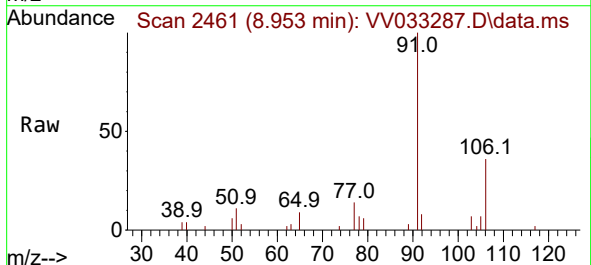
Acq: 13 Dec 2023 19:34

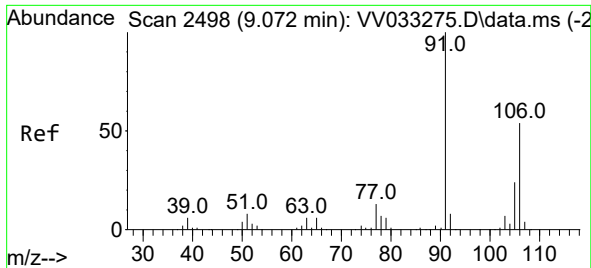
Tgt Ion: 91 Resp: 8805

Ion Ratio Lower Upper

91 100

106 35.9 22.7 42.3





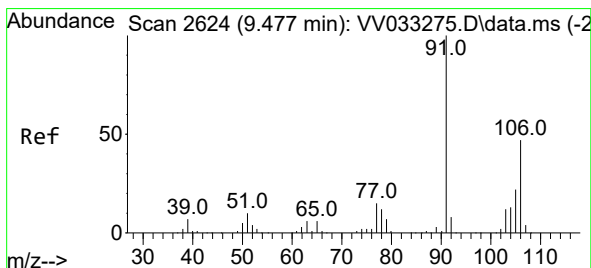
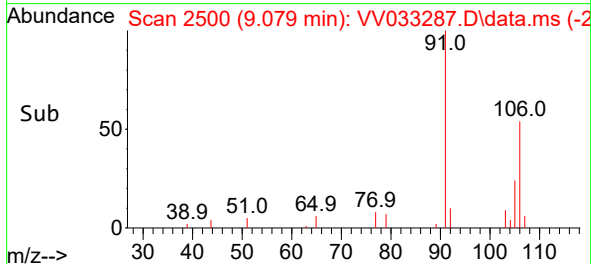
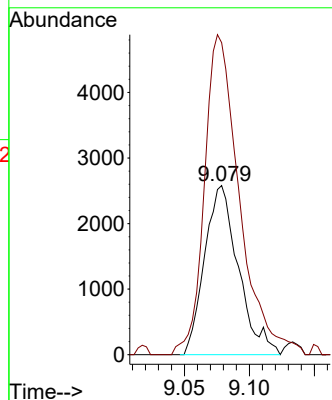
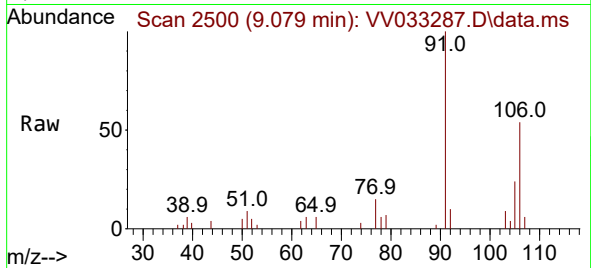
#53
m,p-Xylene
Concen: 0.261 ug/L
RT: 9.079 min Scan# 2498
Delta R.T. 0.007 min
Lab File: VV033287.D
Acq: 13 Dec 2023 19:34

Instrument :
MSVOA_V
ClientSampleId :
E0Y59

Tgt Ion:106 Resp: 465
Ion Ratio Lower Upper
106 100
91 184.4 136.8 254.0

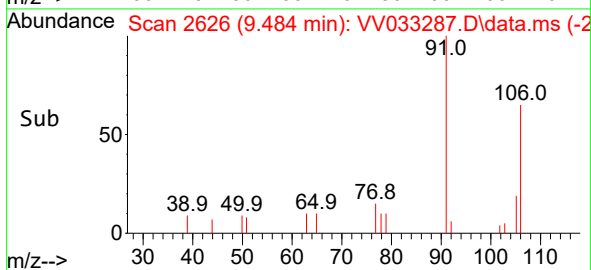
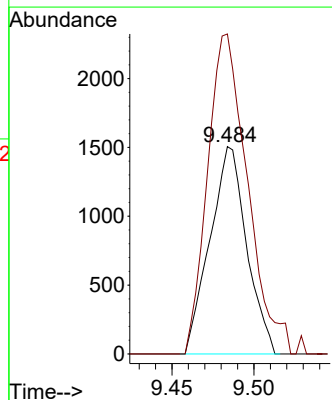
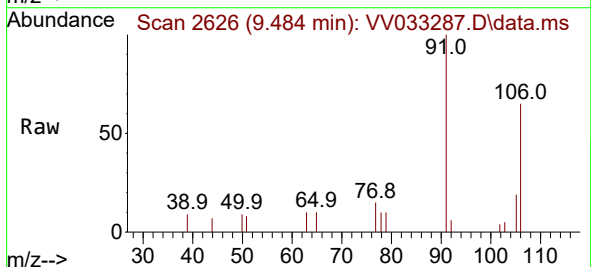
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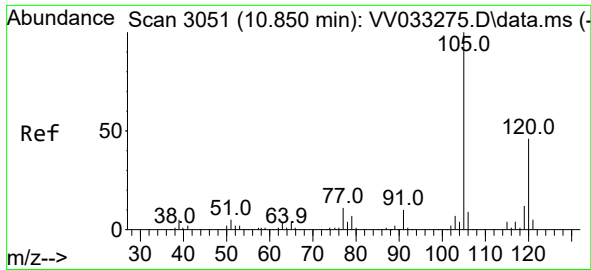
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#54
o-Xylene
Concen: 0.139 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.007 min
Lab File: VV033287.D
Acq: 13 Dec 2023 19:34

Tgt Ion:106 Resp: 2338
Ion Ratio Lower Upper
106 100
91 154.3 149.9 278.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.135 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.007 min
 Lab File: VV033287.D
 Acq: 13 Dec 2023 19:34

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y59

Tgt Ion:105 Resp: 476
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.1 57.1

Manual Integrations
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