

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033288.D
 Acq On : 13 Dec 2023 19:58
 Operator : SY/MD
 Sample : 05731-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOY60

Manual Integrations
 APPROVED

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

Quant Time: Dec 13 23:35:57 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	124669	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	125173	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	63893	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41448	5.186	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.800%
7) Chloroethane-d5	1.535	69	31396	5.282	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.060	65	16069	5.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.000%
20) 2-Butanone-d5	3.805	46	52708	55.730	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.460%
24) Chloroform-d	4.249	84	90239	5.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.200%
26) 1,2-Dichloroethane-d4	4.944	65	42006	5.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.000%
32) Benzene-d6	4.960	84	172220	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
36) 1,2-Dichloropropane-d6	5.992	67	42197	5.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	114.600%
41) Toluene-d8	7.246	98	159372	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	7.554	79	17810	5.297	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.000%
46) 2-Hexanone-d5	8.030	63	57425	61.178	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.360%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28447	5.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	66820	5.938	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.800%
Target Compounds						
13) Acetone	2.137	43	3646m	5.447	ug/L	
14) Carbon disulfide	2.243	76	2570	0.111	ug/L	100
22) cis-1,2-Dichloroethene	3.821	96	2448	0.274	ug/L	96
30) Cyclohexane	4.580	56	2455	0.222	ug/L #	16
33) Benzene	5.021	78	11740	0.350	ug/L	100
34) Trichloroethene	5.834	95	63570	6.501	ug/L	98
35) Methylcyclohexane	6.047	83	3761	0.260	ug/L	91
42) Toluene	7.320	91	29355	0.764	ug/L	97
47) Tetrachloroethene	7.911	164	3167	0.342	ug/L	96
52) Ethylbenzene	8.953	91	9048	0.210	ug/L	97
53) m,p-Xylene	9.079	106	4427	0.250	ug/L	88
54) o-Xylene	9.480	106	1867	0.111	ug/L	95
63) 1,2,4-Trimethylbenzene	10.860	105	3714	0.108	ug/L	89

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

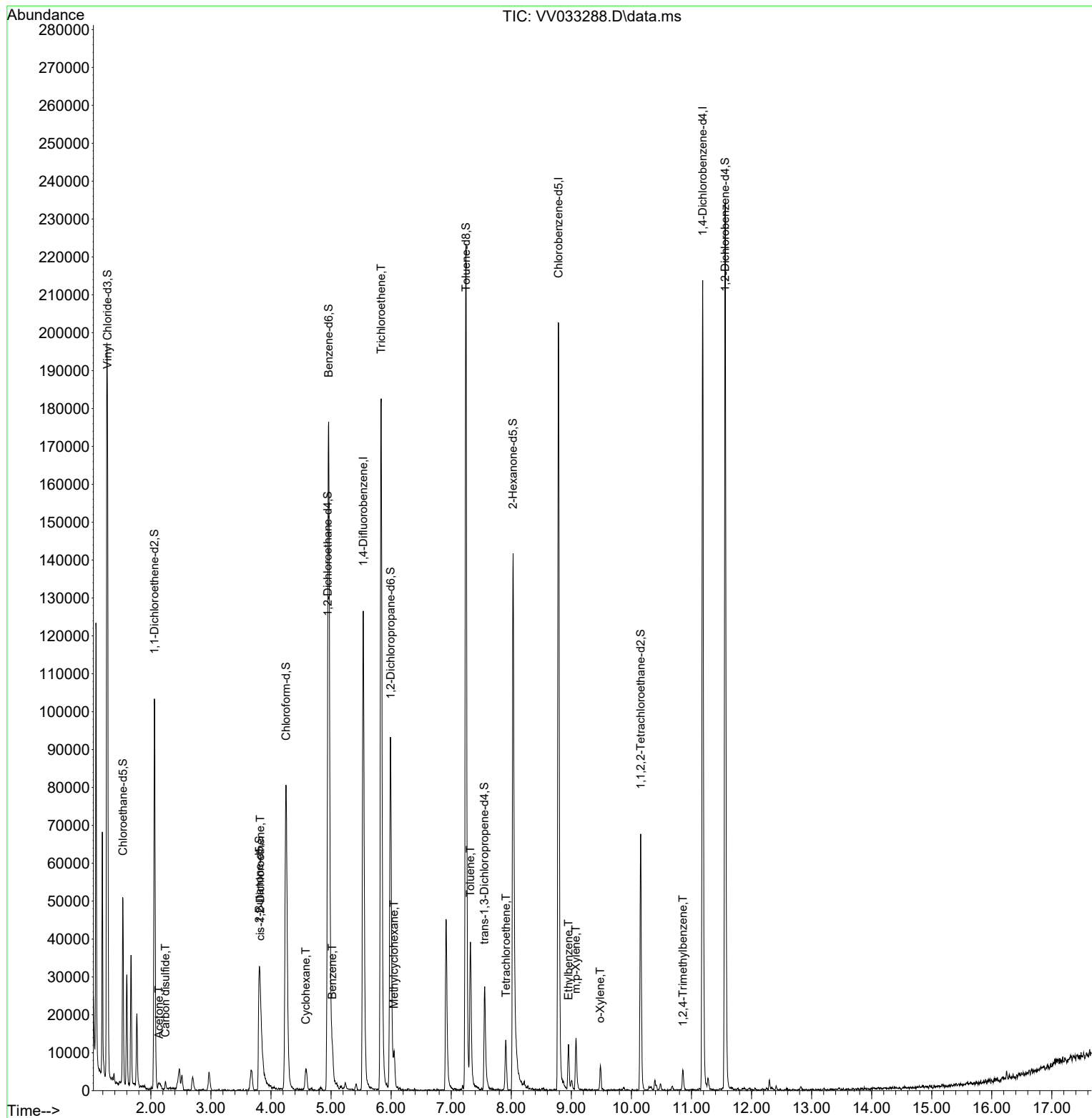
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033288.D
Acq On : 13 Dec 2023 19:58
Operator : SY/MD
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Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

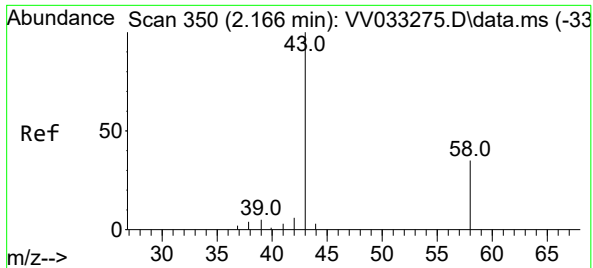
Instrument :
MSVOA_V
ClientSampleId :
E0Y60

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration





#13

Acetone

Concen: 5.447 ug/L m

RT: 2.137 min Scan# 341

Delta R.T. -0.029 min

Lab File: VV033288.D

Acq: 13 Dec 2023 19:58

Instrument :

MSVOA_V

ClientSampleId :

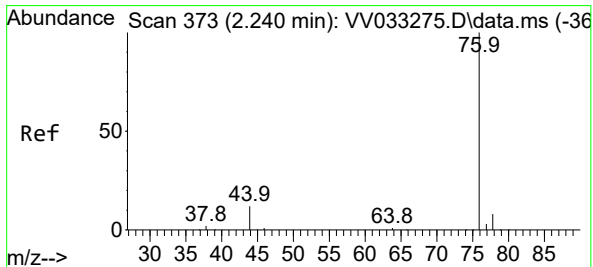
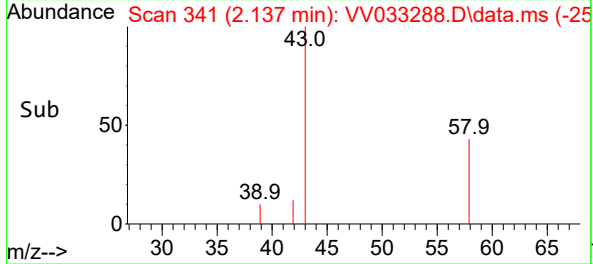
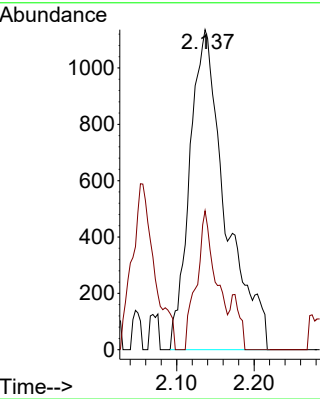
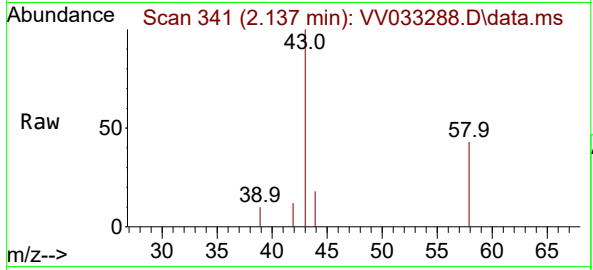
E0Y60

Tgt Ion: 43 Resp: 3640
 Ion Ratio Lower Upper
 43 100
 58 23.5 0.0 30.2

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#14

Carbon disulfide

Concen: 0.111 ug/L

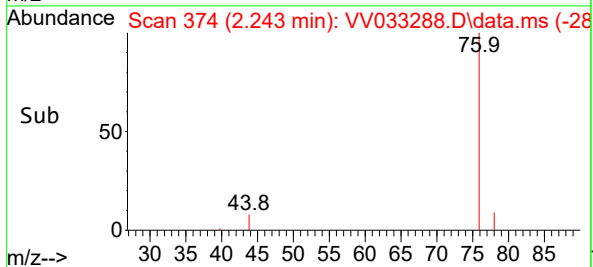
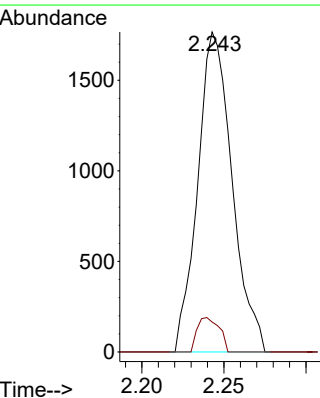
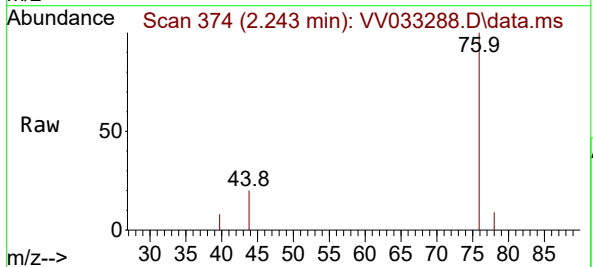
RT: 2.243 min Scan# 374

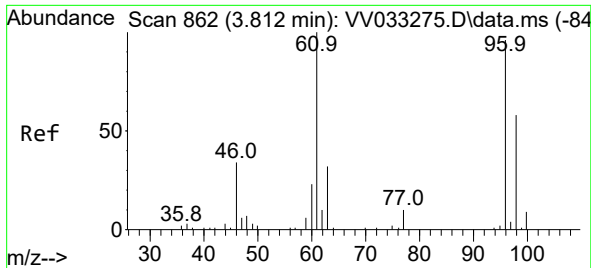
Delta R.T. 0.003 min

Lab File: VV033288.D

Acq: 13 Dec 2023 19:58

Tgt Ion: 76 Resp: 2570
 Ion Ratio Lower Upper
 76 100
 78 9.3 7.4 11.0





#22

cis-1,2-Dichloroethene

Concen: 0.274 ug/L

RT: 3.821 min Scan# 865

Delta R.T. 0.010 min

Lab File: VV033288.D

Acq: 13 Dec 2023 19:58

Instrument :

MSVOA_V

ClientSampleId :

E0Y60

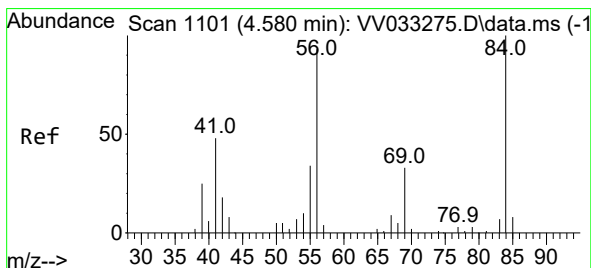
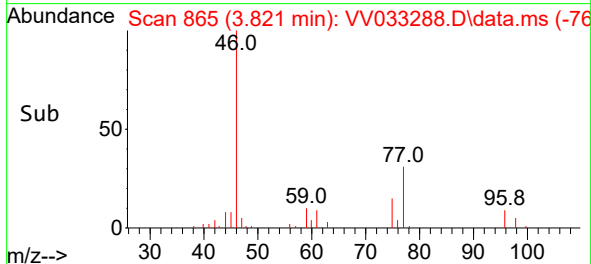
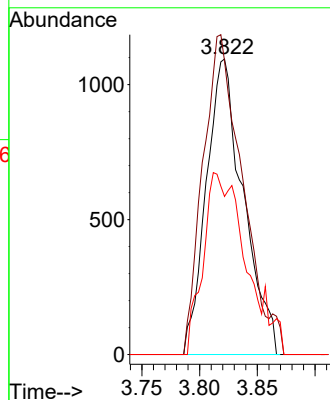
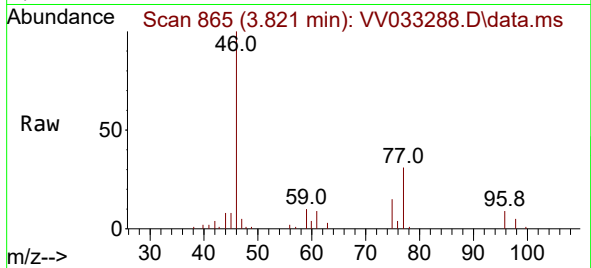
Tgt Ion:	96	Resp:	2448
Ion Ratio	Lower	Upper	
96	100		
61	99.4	69.9	129.9
98	53.5	42.4	78.8

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#30

Cyclohexane

Concen: 0.222 ug/L

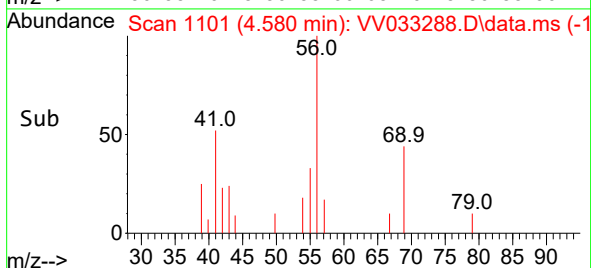
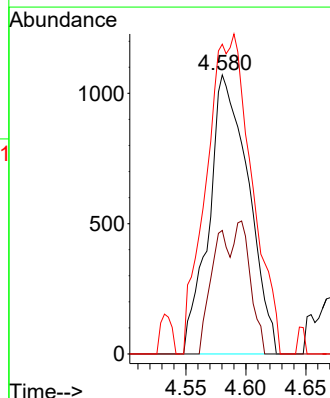
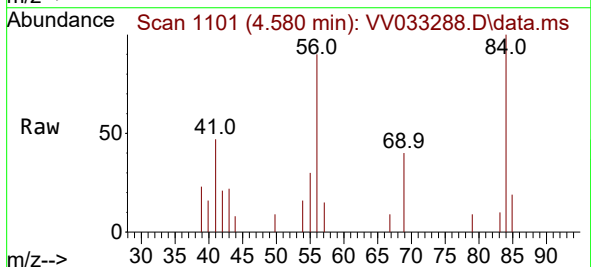
RT: 4.580 min Scan# 1101

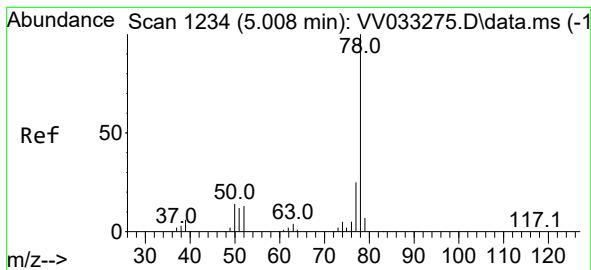
Delta R.T. 0.000 min

Lab File: VV033288.D

Acq: 13 Dec 2023 19:58

Tgt Ion:	56	Resp:	2455
Ion Ratio	Lower	Upper	
56	100		
69	21.3	28.8	43.2#
84	0.0	86.2	129.4#





#33

Benzene

Concen: 0.350 ug/L

RT: 5.021 min Scan# 11740

Delta R.T. 0.013 min

Lab File: VV033288.D

Acq: 13 Dec 2023 19:58

Instrument :

MSVOA_V

ClientSampleId :

E0Y60

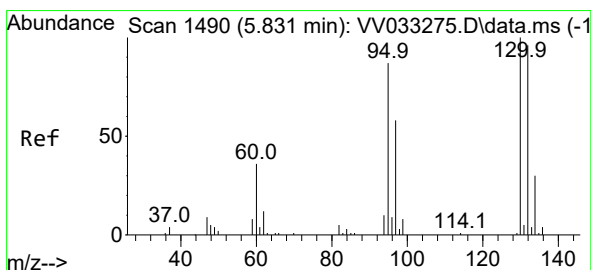
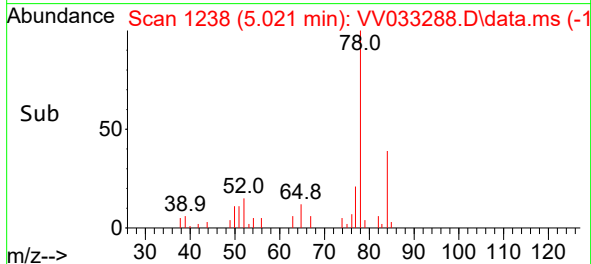
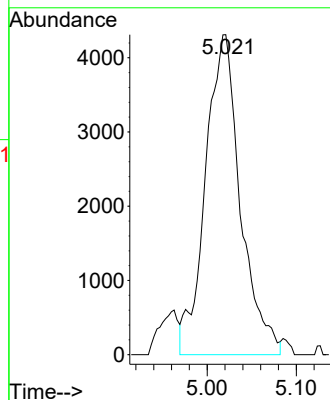
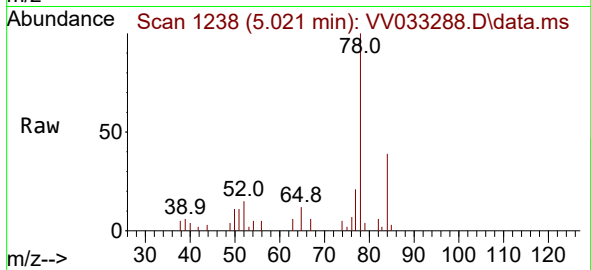
Tgt Ion: 78 Resp: 11740

Manual Integrations

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Supervised By :Mahesh Dadoda 12/18/2023



#34

Trichloroethene

Concen: 6.501 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. 0.003 min

Lab File: VV033288.D

Acq: 13 Dec 2023 19:58

Tgt Ion: 95 Resp: 63570

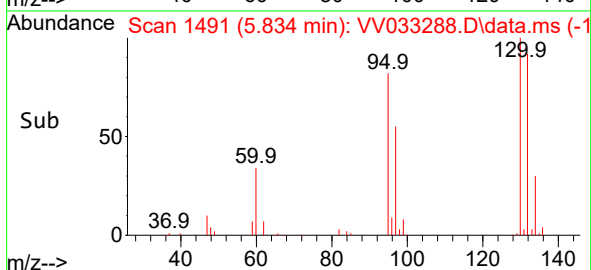
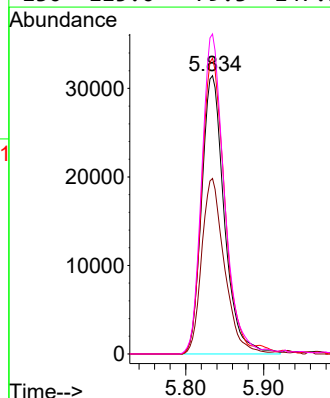
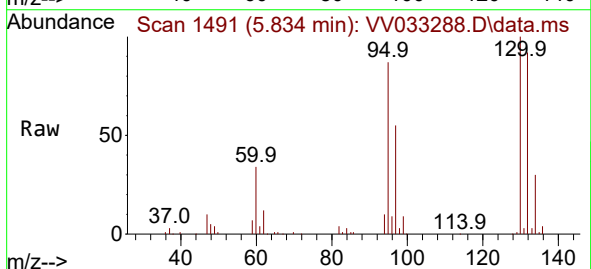
Ion Ratio Lower Upper

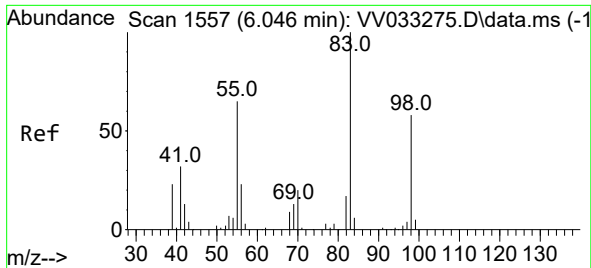
95 100

97 63.1 46.5 86.5

132 106.3 75.1 139.5

130 115.0 79.3 147.3





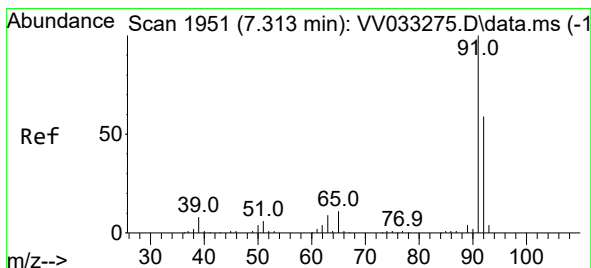
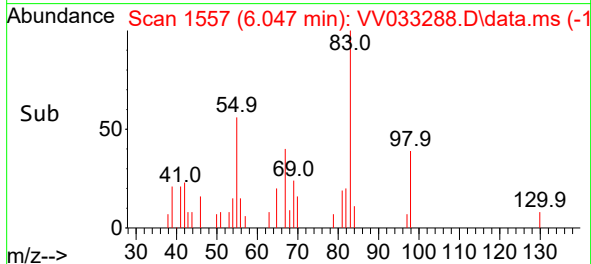
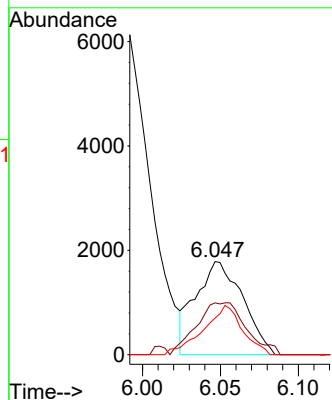
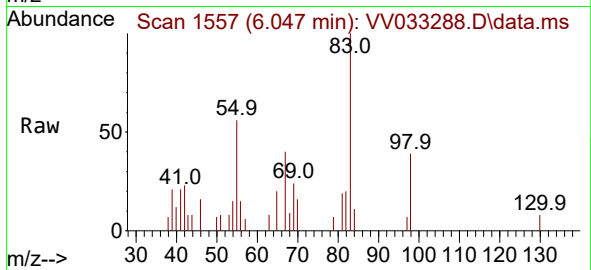
#35
Methylcyclohexane
Concen: 0.260 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion: 83 Resp: 376
Ion Ratio Lower Upper
83 100
55 58.7 50.7 76.1
98 43.6 42.4 63.6

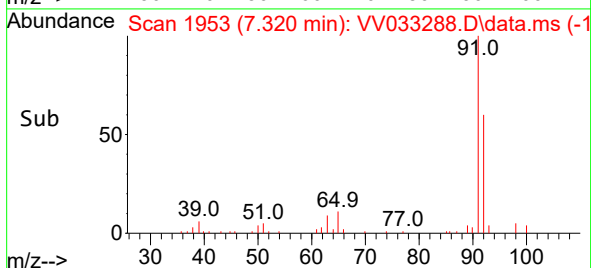
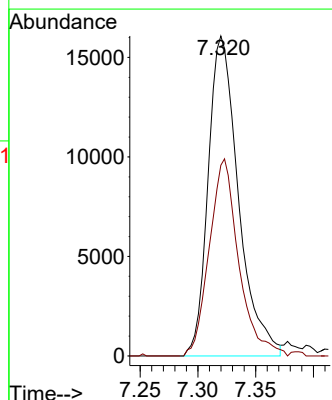
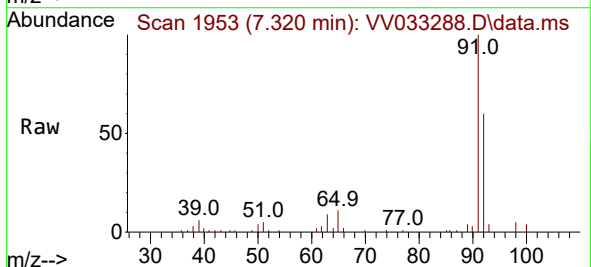
Manual Integrations
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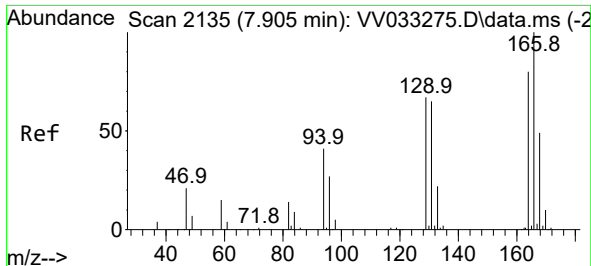
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#42
Toluene
Concen: 0.764 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. 0.006 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Tgt Ion: 91 Resp: 29355
Ion Ratio Lower Upper
91 100
92 59.6 40.2 74.6





#47

Tetrachloroethene

Concen: 0.342 ug/L

RT: 7.911 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV033288.D

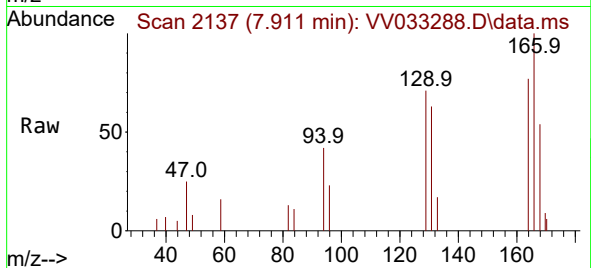
Acq: 13 Dec 2023 19:58

Instrument :

MSVOA_V

ClientSampleId :

E0Y60



Tgt Ion:164 Resp: 316

Ion Ratio Lower Upper

164 100

129 92.3 62.6 116.3

131 81.7 62.6 116.3

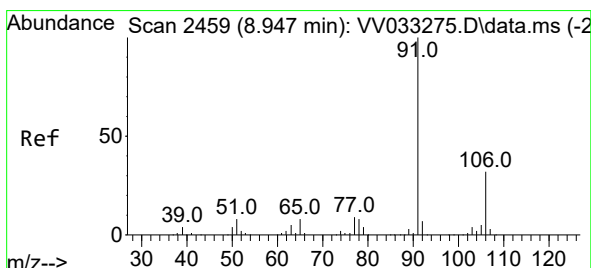
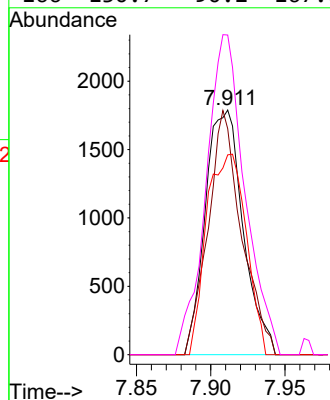
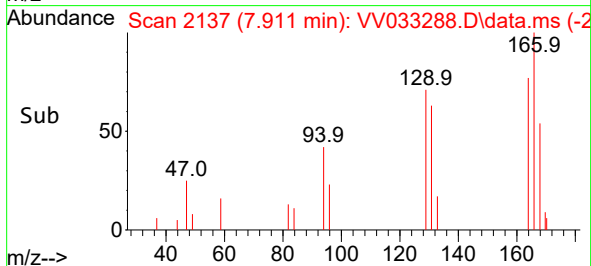
166 130.7 90.2 167.6

Manual Integrations

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#52

Ethylbenzene

Concen: 0.210 ug/L

RT: 8.953 min Scan# 2461

Delta R.T. 0.006 min

Lab File: VV033288.D

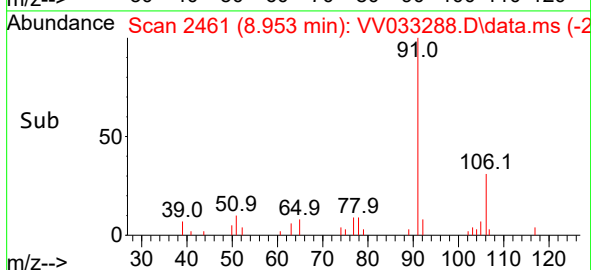
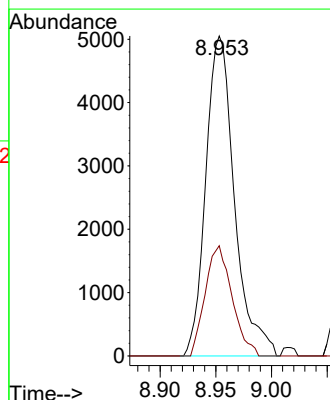
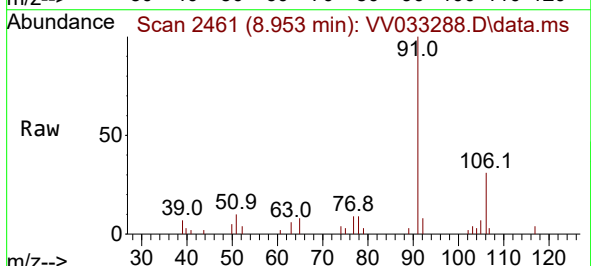
Acq: 13 Dec 2023 19:58

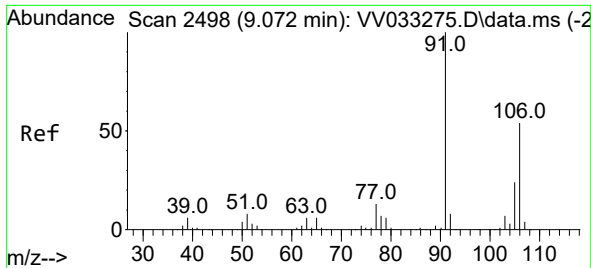
Tgt Ion: 91 Resp: 9048

Ion Ratio Lower Upper

91 100

106 34.4 22.7 42.3





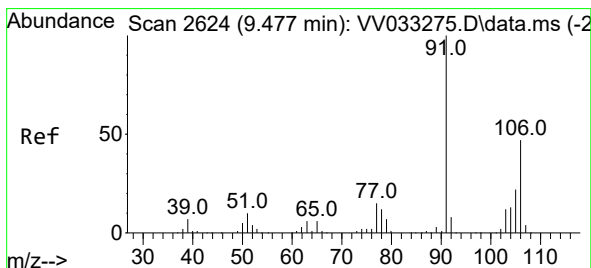
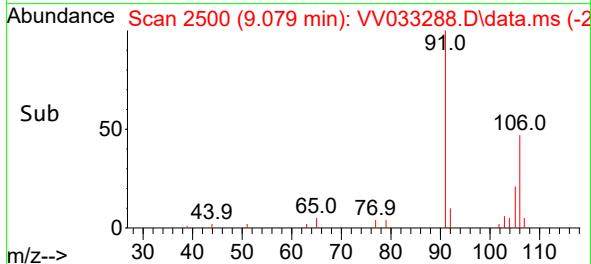
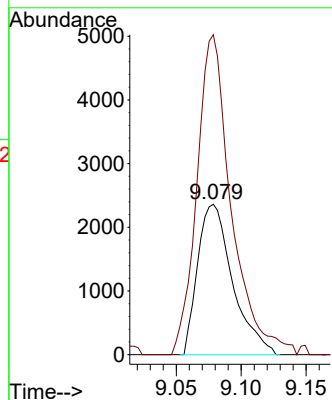
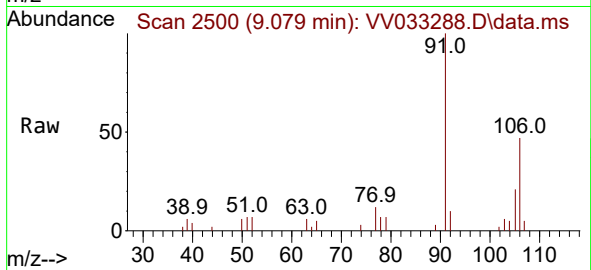
#53
m,p-Xylene
Concen: 0.250 ug/L
RT: 9.079 min Scan# 2498
Delta R.T. 0.006 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

Instrument :
MSVOA_V
ClientSampleId :
E0Y60

Tgt Ion:106 Resp: 442
Ion Ratio Lower Upper
106 100
91 212.7 136.8 254.0

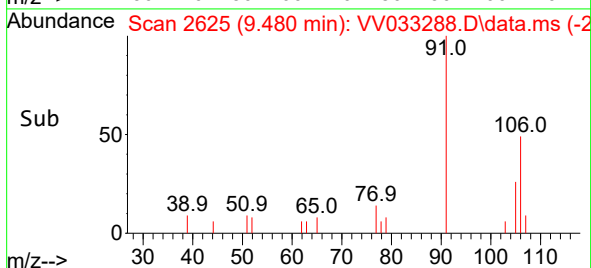
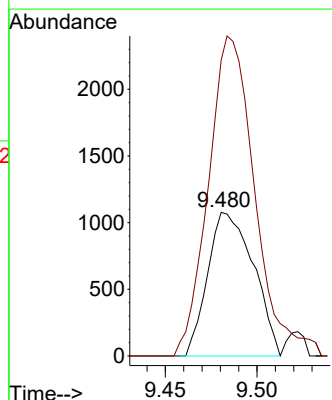
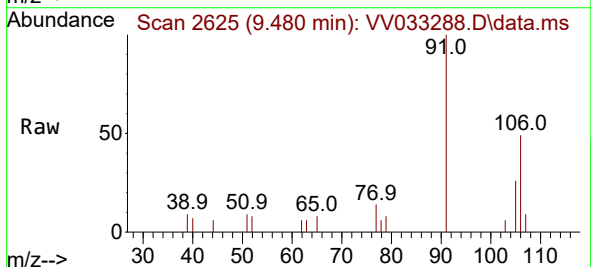
Manual Integrations
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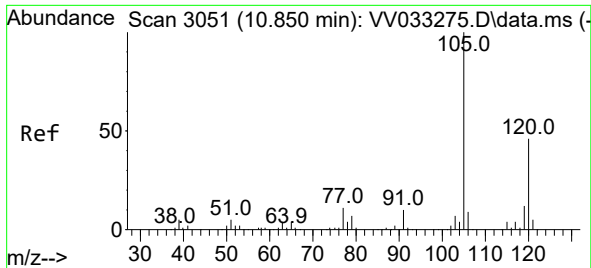
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#54
o-Xylene
Concen: 0.111 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.003 min
Lab File: VV033288.D
Acq: 13 Dec 2023 19:58

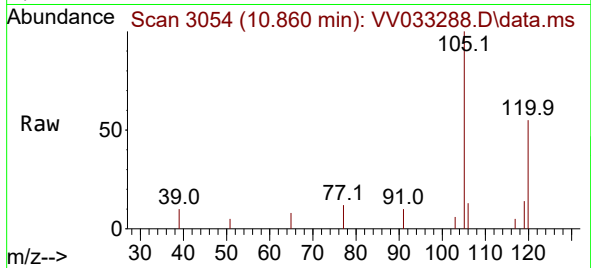
Tgt Ion:106 Resp: 1867
Ion Ratio Lower Upper
106 100
91 205.9 149.9 278.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.108 ug/L
 RT: 10.860 min Scan# 3054
 Delta R.T. 0.010 min
 Lab File: VV033288.D
 Acq: 13 Dec 2023 19:58

Instrument : MSVOA_V
 ClientSampleId : E0Y60



Tgt Ion:105 Resp: 3714
 Ion Ratio Lower Upper
 105 100
 120 54.8 38.1 57.1

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