

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020524\
 Data File : VW033989.D
 Acq On : 05 Feb 2024 15:38
 Operator : SY/MD
 Sample : P1289-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 06 05:15:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 06 05:11:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	76110	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	77509	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	41991	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	29063	4.931	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.532	69	26372	5.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.200%
11) 1,1-Dichloroethene-d2	2.060	65	16264	5.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	114.400%
20) 2-Butanone-d5	3.828	46	50507	51.019	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	4.262	84	55977	5.226	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	4.966	65	22827	4.560	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	4.985	84	91714	3.944	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	5.995	67	25058	3.855	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.000%
41) Toluene-d8	7.246	98	87643	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.561	79	10619	4.326	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.027	63	34968	39.908	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.820%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	17247	4.376	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	32667	4.278	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.600%
Target Compounds						
3) Chloromethane	1.214	50	5697	0.749	ug/L	95
5) Vinyl chloride	1.281	62	9937	1.367	ug/L	94
8) Chloroethane	1.548	64	1849	0.373	ug/L	84
9) Trichlorofluoromethane	1.712	101	1595	0.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	13626	2.488	ug/L #	30
12) 1,1-Dichloroethene	2.072	96	5866347	1103.323	ug/L #	66
19) 1,1-Dichloroethane	3.114	63	5567998	559.537	ug/L	95
25) Chloroform	4.294	83	18960	1.885	ug/L	97
29) 1,1,1-Trichloroethane	4.522	97	94854112m	9115.158	ug/L	
34) Trichloroethene	5.838	95	336139	49.960	ug/L	98
62) 1,3,5-Trimethylbenzene	10.480	105	4156	0.158	ug/L	94
63) 1,2,4-Trimethylbenzene	10.857	105	10965	0.430	ug/L	97

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

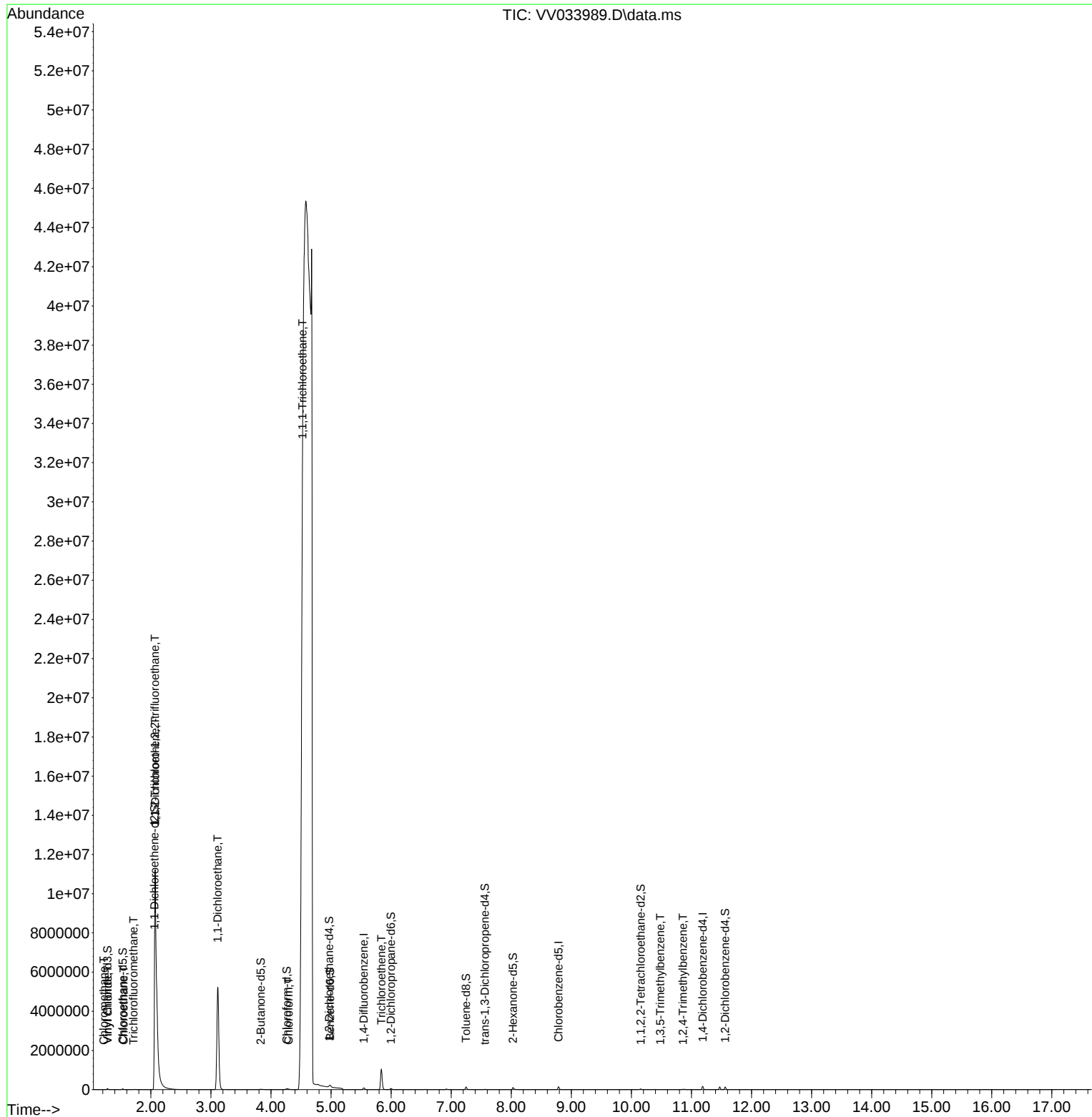
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020524\
Data File : VV033989.D
Acq On : 05 Feb 2024 15:38
Operator : SY/MD
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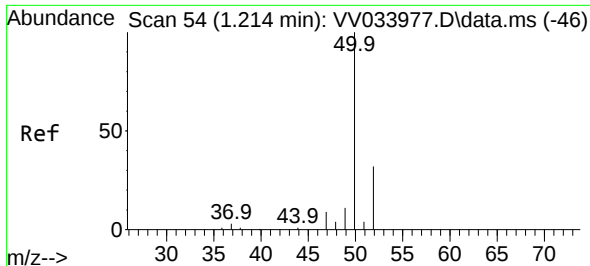
Instrument :
MSVOA_V
ClientSampleId :
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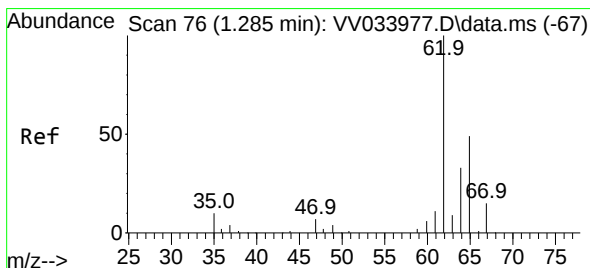
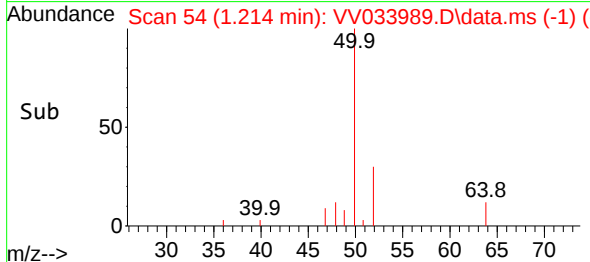
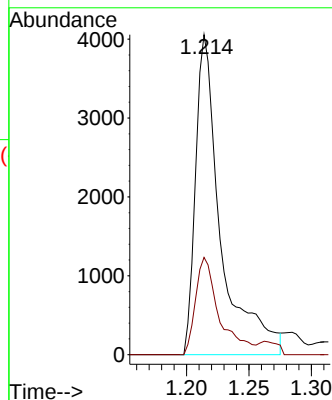
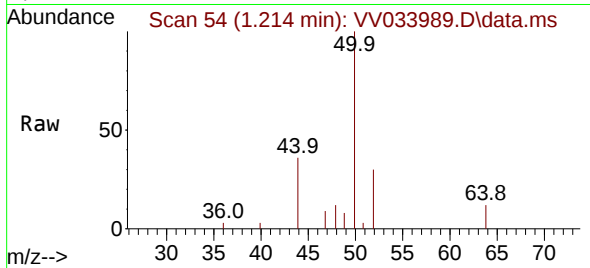
#3
Chloromethane
Concen: 0.749 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV033989.D
Acq: 05 Feb 2024 15:38

Instrument :
MSVOA_V
ClientSampleId :
C0AF2

Tgt Ion: 50 Resp: 569
Ion Ratio Lower Upper
50 100
52 30.4 23.4 43.4

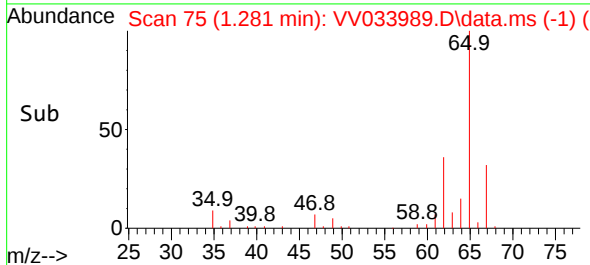
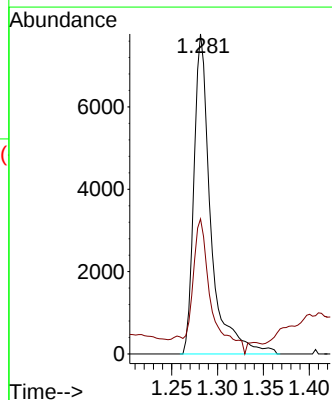
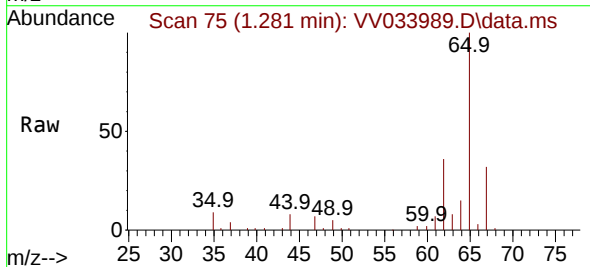
Manual Integrations
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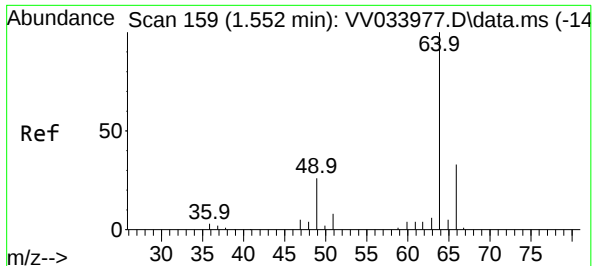
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024



#5
Vinyl chloride
Concen: 1.367 ug/L
RT: 1.281 min Scan# 75
Delta R.T. -0.003 min
Lab File: VV033989.D
Acq: 05 Feb 2024 15:38

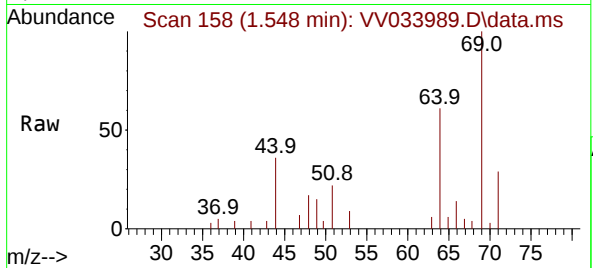
Tgt Ion: 62 Resp: 9937
Ion Ratio Lower Upper
62 100
64 42.2 27.2 50.4





#8
Chloroethane
Concen: 0.373 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV033989.D
Acq: 05 Feb 2024 15:38

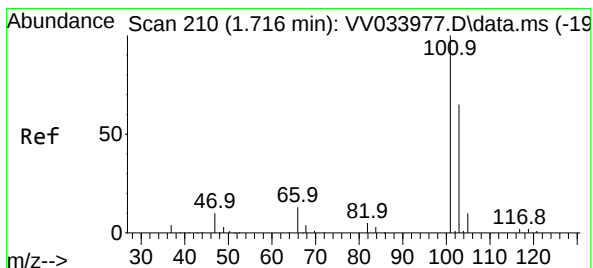
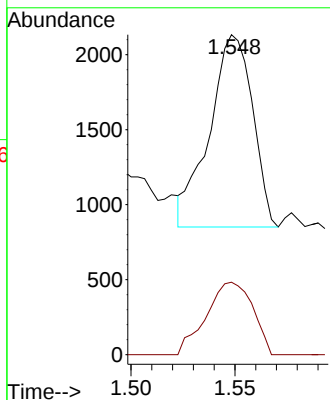
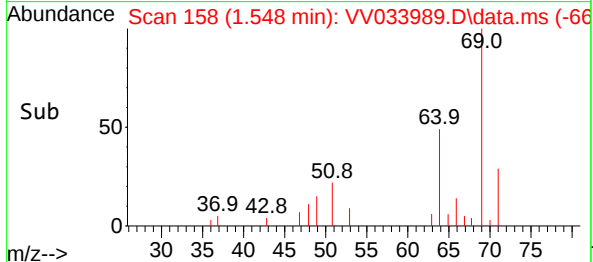
Instrument :
MSVOA_V
ClientSampleId :
C0AF2



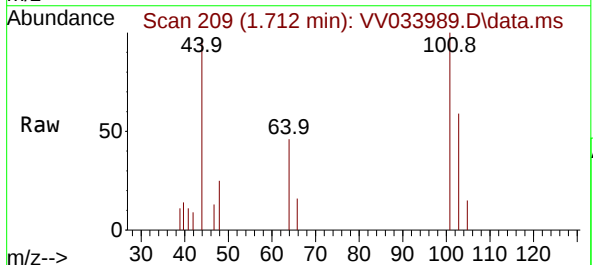
Tgt Ion: 64 Resp: 1849
Ion Ratio Lower Upper
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66 22.6 22.0 41.0

Manual Integrations
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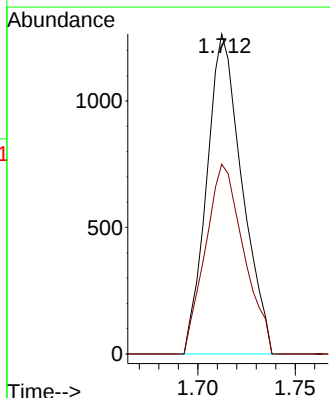
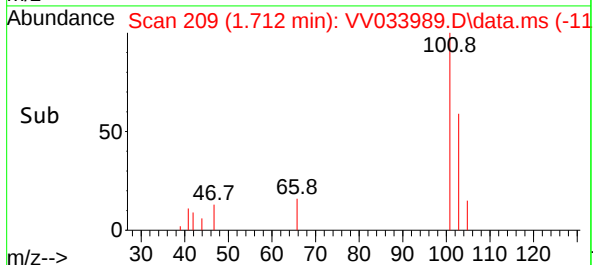
Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

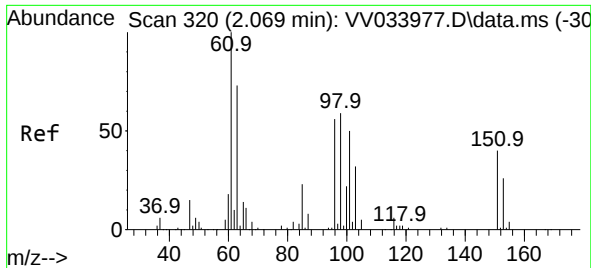


#9
Trichlorofluoromethane
Concen: 0.152 ug/L
RT: 1.712 min Scan# 209
Delta R.T. -0.003 min
Lab File: VV033989.D
Acq: 05 Feb 2024 15:38



Tgt Ion:101 Resp: 1595
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.4





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 2.488 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV033989.D

Acq: 05 Feb 2024 15:38

Instrument :

MSVOA_V

ClientSampleId :

C0AF2

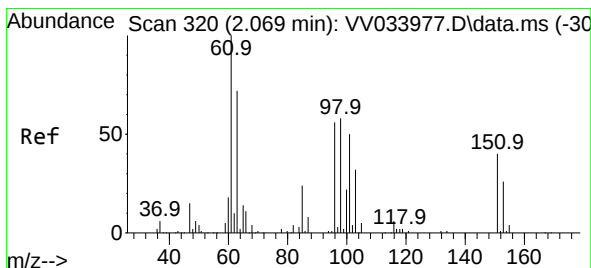
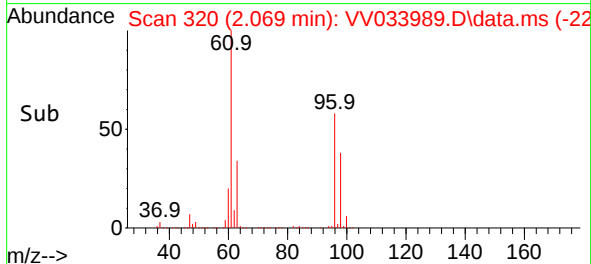
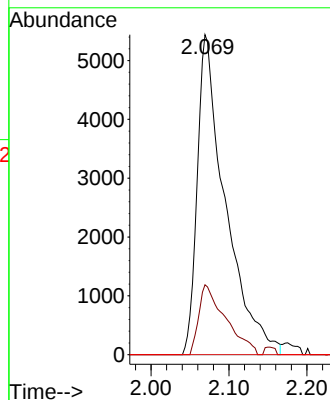
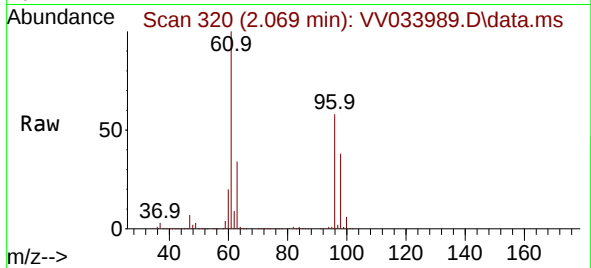
Tgt Ion:	101	Resp:	13620
Ion Ratio	Lower	Upper	
101	100		
85	20.8	37.1	55.7
151	0.0	61.7	92.5

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 1103.323 ug/L

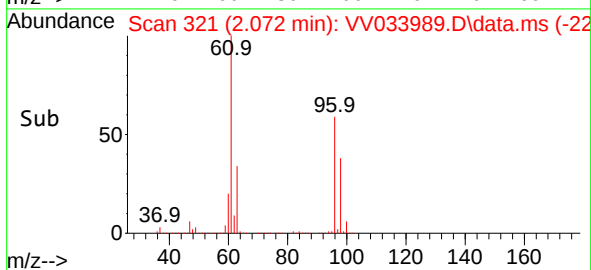
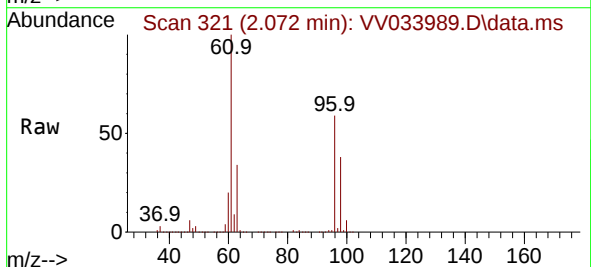
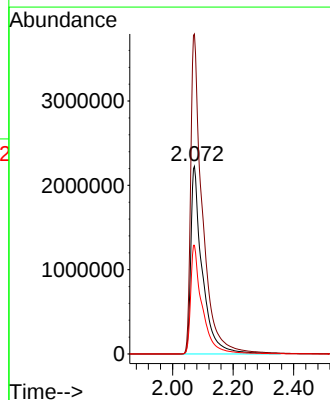
RT: 2.072 min Scan# 321

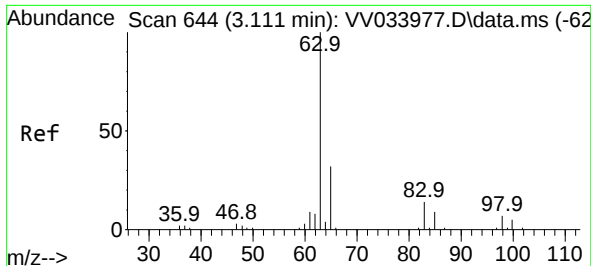
Delta R.T. 0.003 min

Lab File: VV033989.D

Acq: 05 Feb 2024 15:38

Tgt Ion:	96	Resp:	5866347
Ion Ratio	Lower	Upper	
96	100		
61	170.5	128.8	239.2
63	57.9	97.9	181.9





#19

1,1-Dichloroethane

Concen: 559.537 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV033989.D

Acq: 05 Feb 2024 15:38

Instrument :

MSVOA_V

ClientSampleId :

C0AF2

Tgt Ion: 63 Resp: 5567998

Ion Ratio Lower Upper

63 100

65 32.8 20.8 38.6

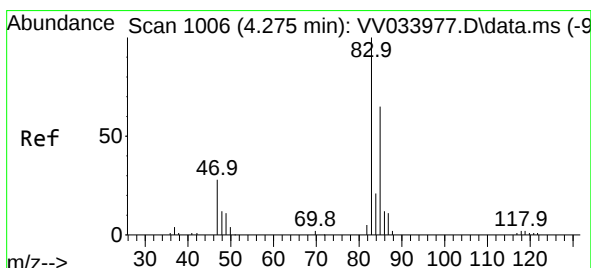
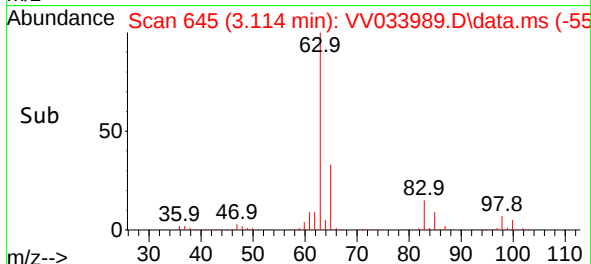
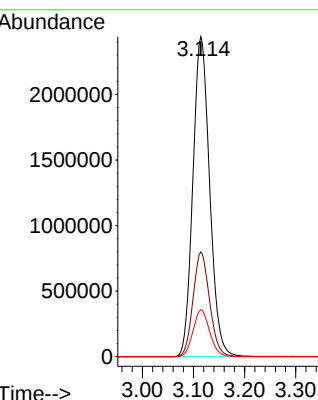
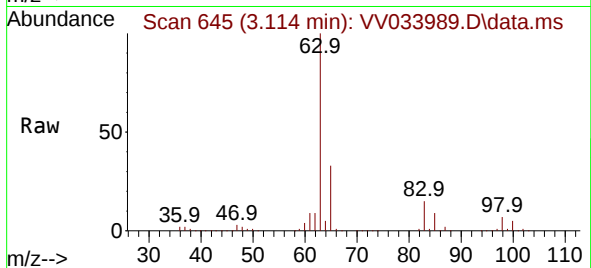
83 14.7 9.4 17.4

Manual Integrations

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#25

Chloroform

Concen: 1.885 ug/L

RT: 4.294 min Scan# 1012

Delta R.T. 0.019 min

Lab File: VV033989.D

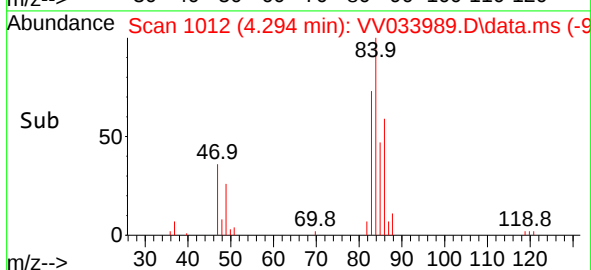
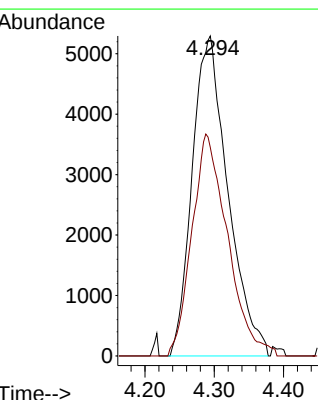
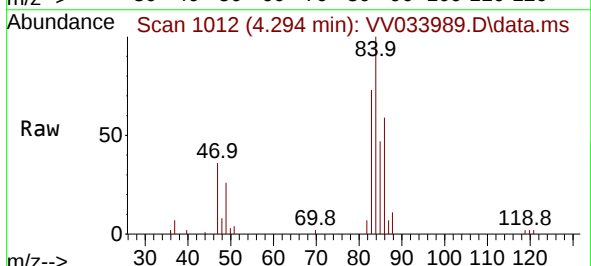
Acq: 05 Feb 2024 15:38

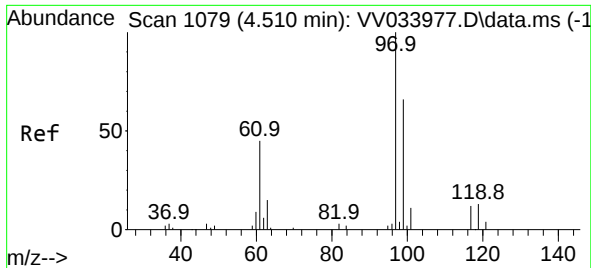
Tgt Ion: 83 Resp: 18960

Ion Ratio Lower Upper

83 100

85 65.2 47.5 88.1





#29

1,1,1-Trichloroethane

Concen: 9115.158 ug/L m

RT: 4.522 min Scan# 1079

Delta R.T. 0.013 min

Lab File: VV033989.D

Acq: 05 Feb 2024 15:38

Instrument :

MSVOA_V

ClientSampleId :

C0AF2

Tgt Ion: 97 Resp: 9485411

Ion Ratio Lower Upper

97 100

99 0.0 50.6 75.8

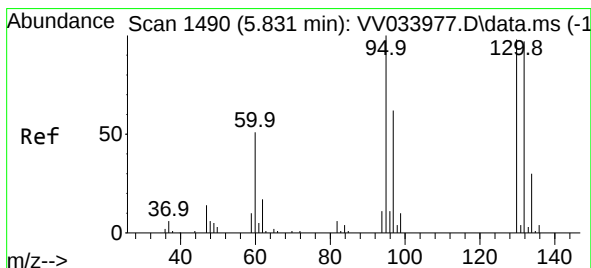
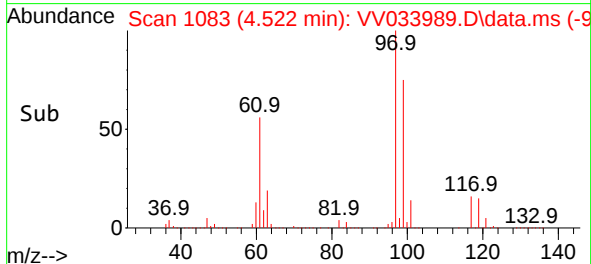
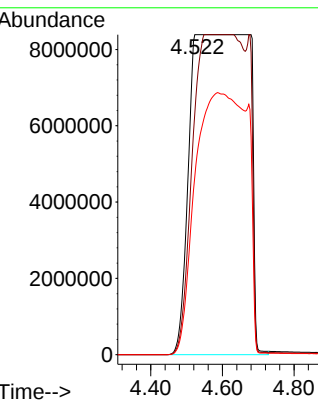
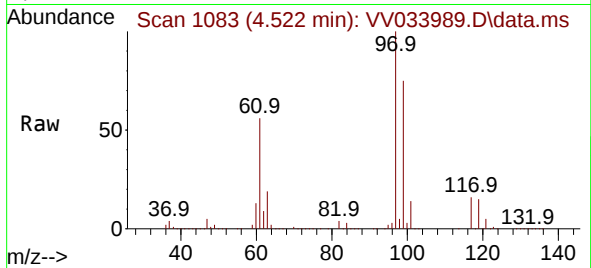
61 0.0 36.8 55.2

Manual Integrations

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#34

Trichloroethene

Concen: 49.960 ug/L

RT: 5.838 min Scan# 1492

Delta R.T. 0.006 min

Lab File: VV033989.D

Acq: 05 Feb 2024 15:38

Tgt Ion: 95 Resp: 336139

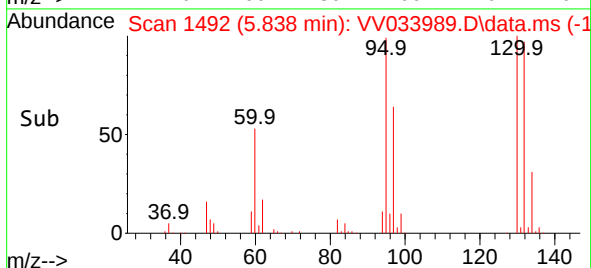
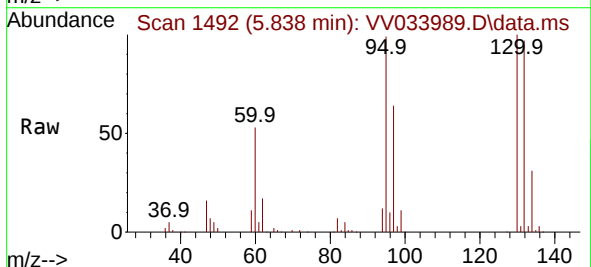
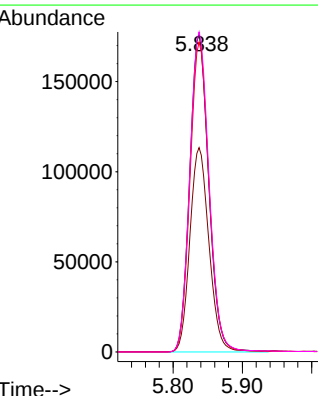
Ion Ratio Lower Upper

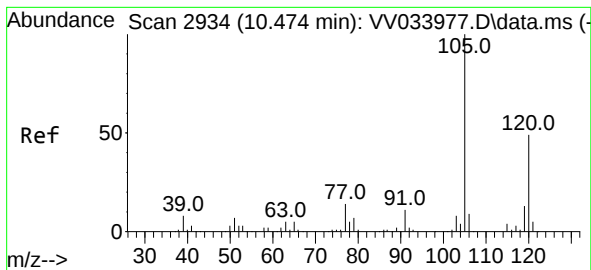
95 100

97 64.4 45.1 83.7

132 97.7 66.0 122.6

130 100.9 72.2 134.0





#62

1,3,5-Trimethylbenzene

Concen: 0.158 ug/L

RT: 10.480 min Scan# 2934

Delta R.T. 0.006 min

Lab File: VV033989.D

Acq: 05 Feb 2024 15:38

Instrument :

MSVOA_V

ClientSampleId :

C0AF2

Tgt Ion:105 Resp: 4150

Ion Ratio Lower Upper

105 100

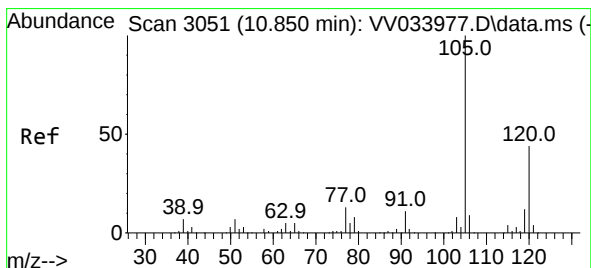
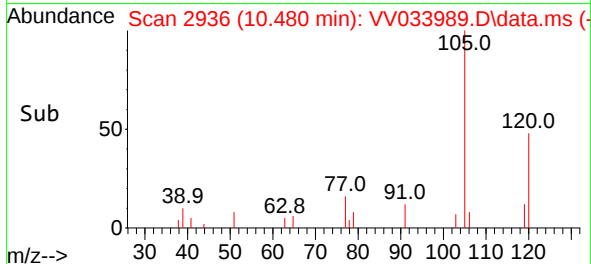
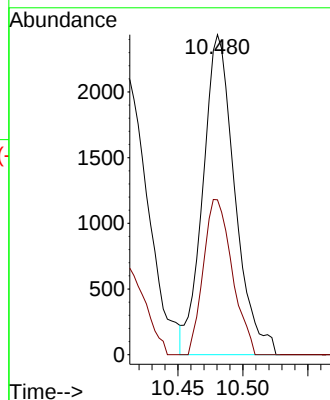
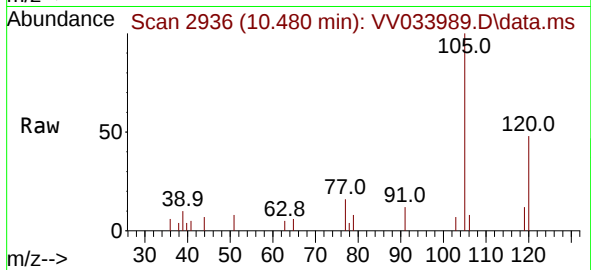
120 43.7 38.2 57.4

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Supervised By :Mahesh Dadoda 02/08/2024



#63

1,2,4-Trimethylbenzene

Concen: 0.430 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.006 min

Lab File: VV033989.D

Acq: 05 Feb 2024 15:38

Tgt Ion:105 Resp: 10965

Ion Ratio Lower Upper

105 100

120 42.9 36.2 54.2

