

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101022\
 Data File : VW028507.D
 Acq On : 10 Oct 2022 20:08
 Operator : SY/MD
 Sample : N5079-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

Quant Time: Oct 11 02:58:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 11 02:53:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	270290	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	247509	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	124219	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70669	33.885	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	67.760%		
7) Chloroethane-d5	1.564	69	60909	36.832	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.660%		
11) 1,1-Dichloroethene-d2	2.104	63	135358	38.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.260%		
21) 2-Butanone-d5	3.899	46	95035	52.054	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	52.050%		
24) Chloroform-d	4.342	84	181630	47.485	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.960%		
26) 1,2-Dichloroethane-d4	5.027	65	119625	48.493	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.980%		
32) Benzene-d6	5.043	84	365778	46.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.240%		
36) 1,2-Dichloropropane-d6	6.063	67	111904	43.276	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.560%		
41) Toluene-d8	7.310	98	338758	47.707	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.420%		
43) trans-1,3-Dichloroprop...	7.619	79	59937	45.475	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.960%		
47) 2-Hexanone-d5	8.085	63	109113	77.569	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	77.570%		
56) 1,1,2,2-Tetrachloroeth...	10.207	84	151781	42.894	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.780%		
66) 1,2-Dichlorobenzene-d4	11.615	152	129626	50.362	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.720%		
Target Compounds						
5) Vinyl chloride	1.310	62	12191	5.302	ug/L #	78
8) Chloroethane	1.584	64	8758m	6.275	ug/L	
12) 1,1-Dichloroethene	2.114	96	57267	36.223	ug/L	93
17) trans-1,2-Dichloroethene	2.760	96	2059	1.117	ug/L	80
19) 1,1-Dichloroethane	3.182	63	1031727	273.888	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	24373	11.602	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	4104740	1283.762	ug/L	98
33) Benzene	5.101	78	19680	2.418	ug/L	100
51) Chlorobenzene	8.879	112	24856	4.722	ug/L	91
65) 1,4-Dichlorobenzene	11.265	146	1840	0.471	ug/L #	86
67) 1,2-Dichlorobenzene	11.635	146	10499	2.657	ug/L	99

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

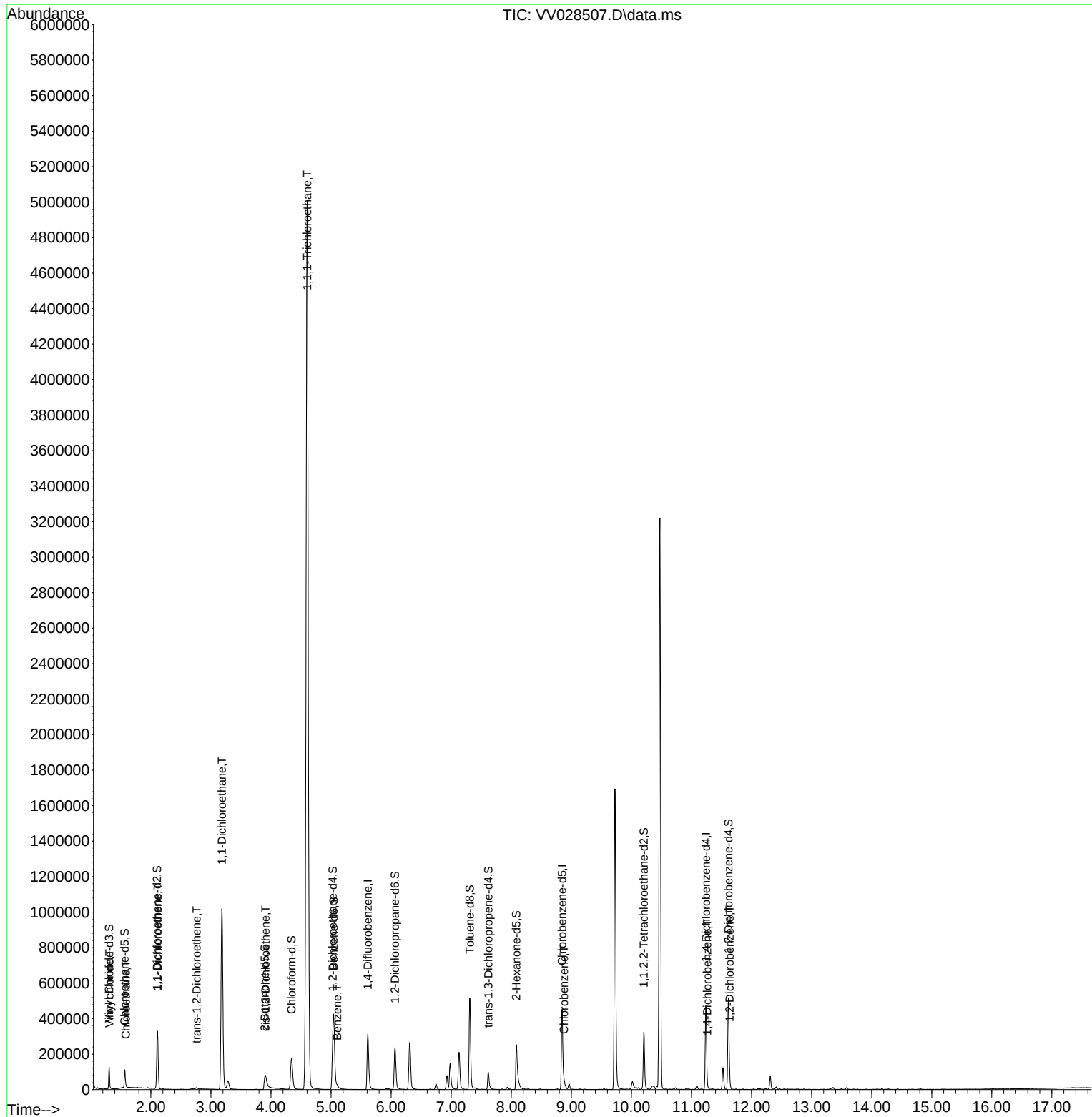
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101022\
Data File : VV028507.D
Acq On : 10 Oct 2022 20:08
Operator : SY/MD
Sample : N5079-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

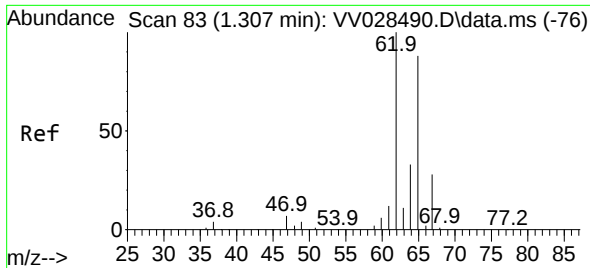
Instrument :
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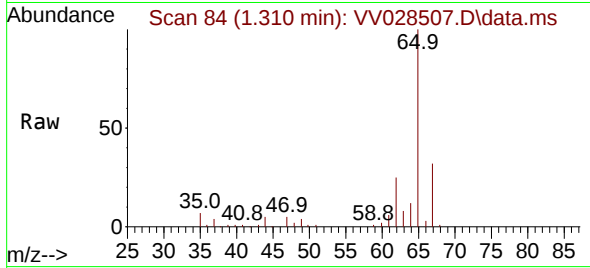
Quant Time: Oct 11 02:58:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 11 02:53:11 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 5.302 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV028507.D
 Acq: 10 Oct 2022 20:08

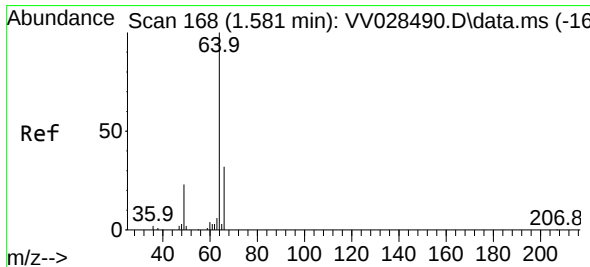
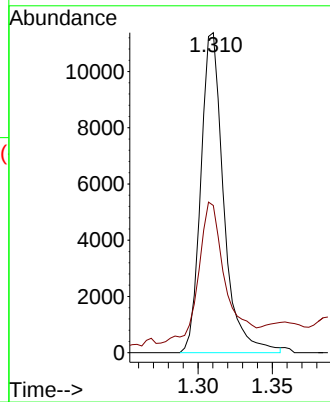
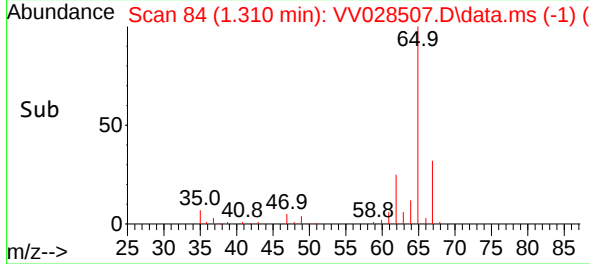
Instrument :
 MSVOA_V
 ClientSampleId :
 BFZ02



Tgt Ion: 62 Resp: 1219
 Ion Ratio Lower Upper
 62 100
 64 46.0 23.3 43.3

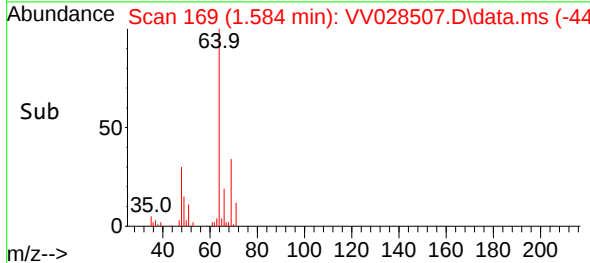
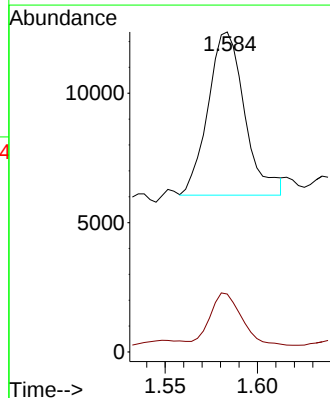
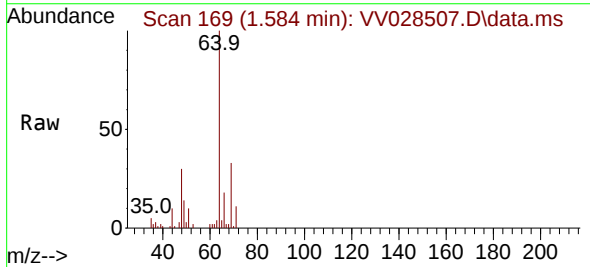
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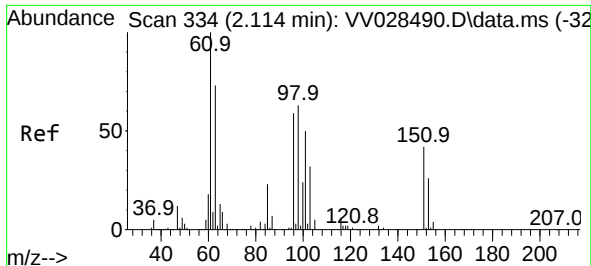
Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022



#8
 Chloroethane
 Concen: 6.275 ug/L m
 RT: 1.584 min Scan# 169
 Delta R.T. 0.003 min
 Lab File: VV028507.D
 Acq: 10 Oct 2022 20:08

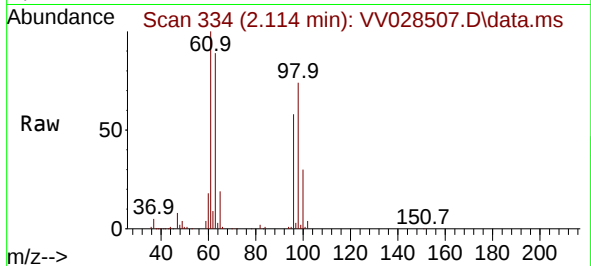
Tgt Ion: 64 Resp: 8758
 Ion Ratio Lower Upper
 64 100
 66 18.1 22.2 41.2





#12
1,1-Dichloroethene
Concen: 36.223 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV028507.D
Acq: 10 Oct 2022 20:08

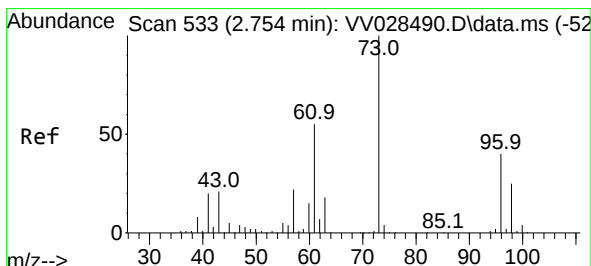
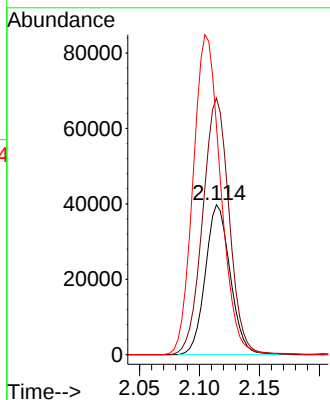
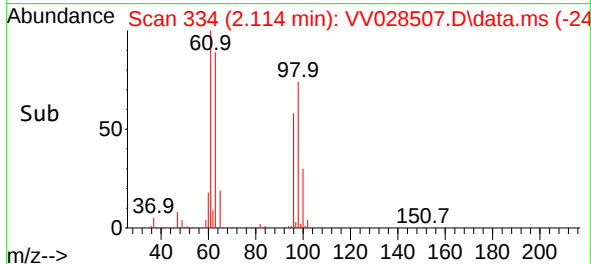
Instrument :
MSVOA_V
ClientSampleId :
BFZ02



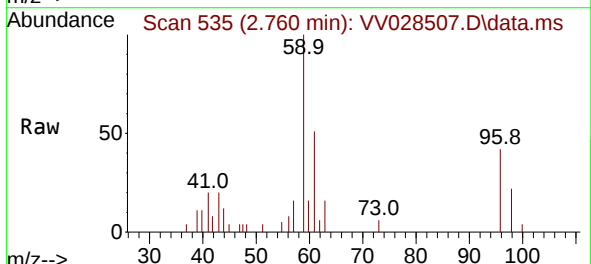
Tgt Ion: 96 Resp: 5726
Ion Ratio Lower Upper
96 100
61 171.1 125.6 233.2
63 152.7 100.0 185.6

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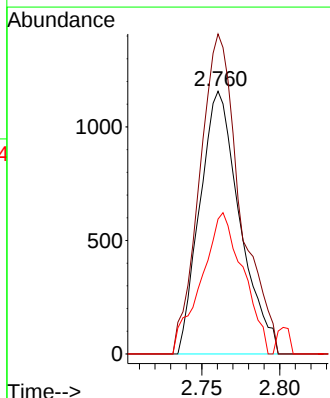
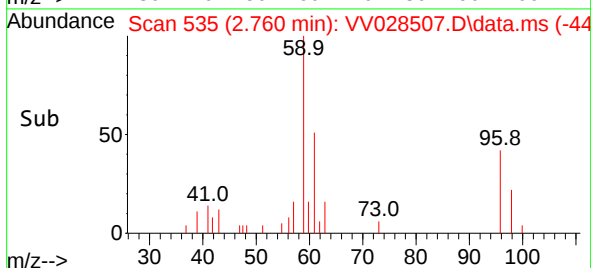
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022

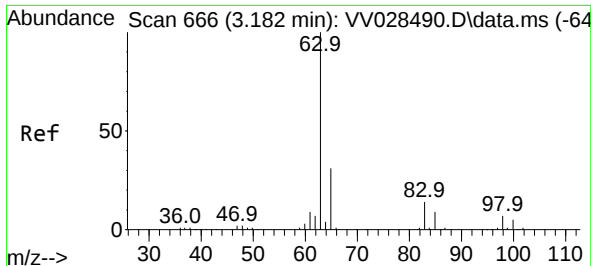


#17
trans-1,2-Dichloroethene
Concen: 1.117 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV028507.D
Acq: 10 Oct 2022 20:08



Tgt Ion: 96 Resp: 2059
Ion Ratio Lower Upper
96 100
61 121.8 104.8 194.6
98 51.3 44.5 82.7





#19

1,1-Dichloroethane

Concen: 273.888 ug/L

RT: 3.182 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV028507.D

Acq: 10 Oct 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

BFZ02

Tgt Ion: 63 Resp: 103172

Ion Ratio Lower Upper

63 100

65 32.2 22.6 42.0

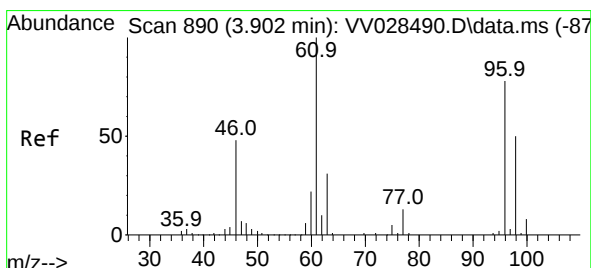
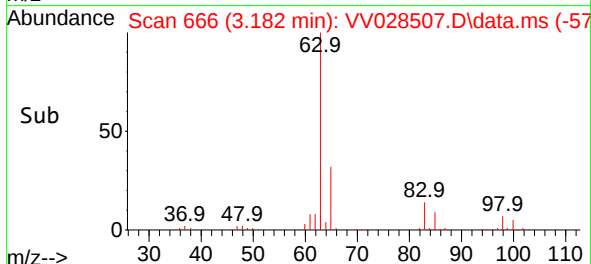
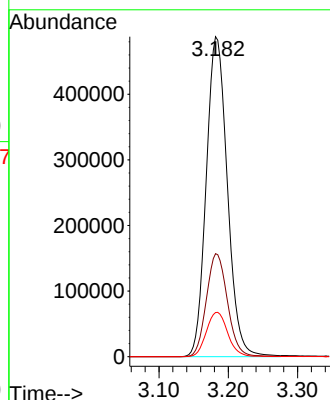
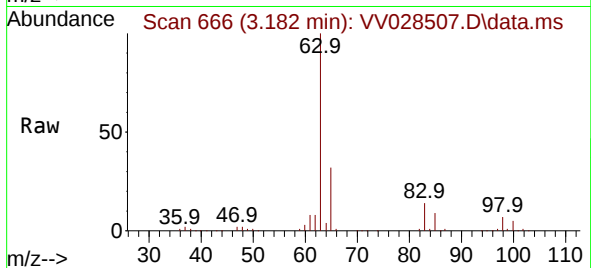
83 13.8 9.2 17.0

Manual Integrations

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Supervised By :Mahesh Dadoda 10/11/2022



#20

cis-1,2-Dichloroethene

Concen: 11.602 ug/L

RT: 3.908 min Scan# 892

Delta R.T. 0.006 min

Lab File: VV028507.D

Acq: 10 Oct 2022 20:08

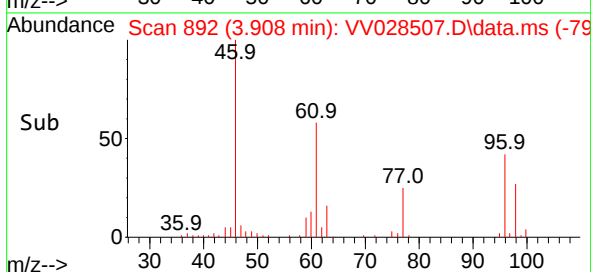
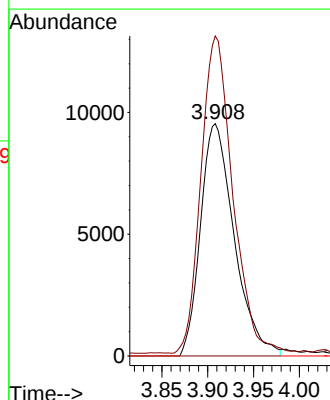
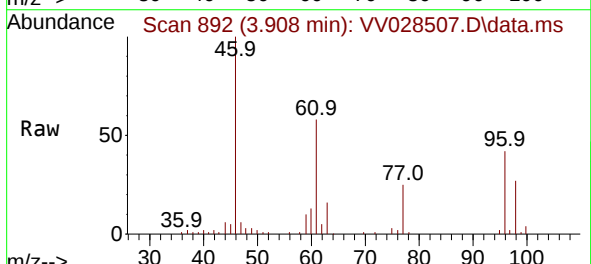
Tgt Ion: 96 Resp: 24373

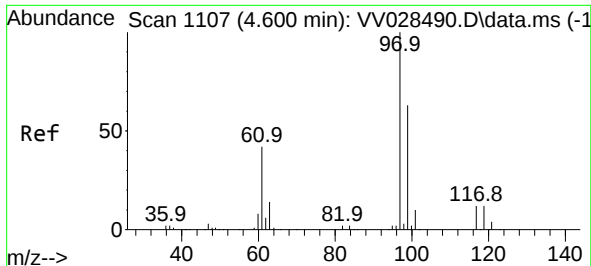
Ion Ratio Lower Upper

96 100

61 137.7 95.0 176.4

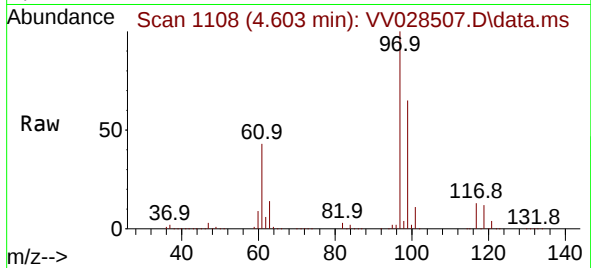
68 0.0 0.0 0.0





#30
1,1,1-Trichloroethane
Concen: 1283.762 ug/L
RT: 4.603 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV028507.D
Acq: 10 Oct 2022 20:08

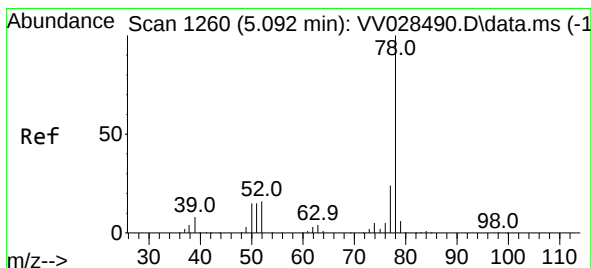
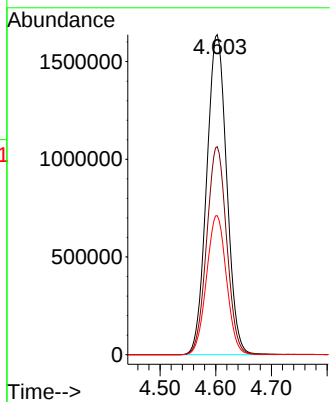
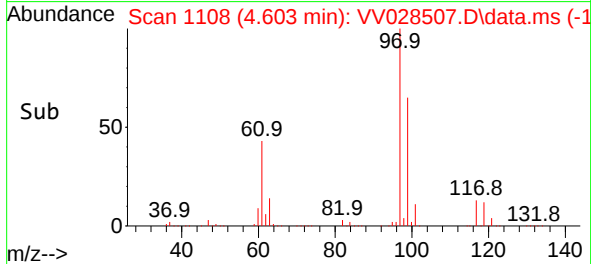
Instrument :
MSVOA_V
ClientSampleId :
BFZ02



Tgt Ion: 97 Resp: 4104740
Ion Ratio Lower Upper
97 100
99 64.8 50.2 75.2
61 43.4 35.8 53.6

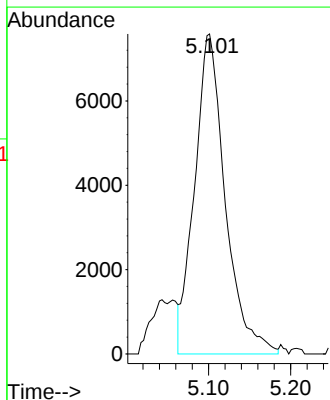
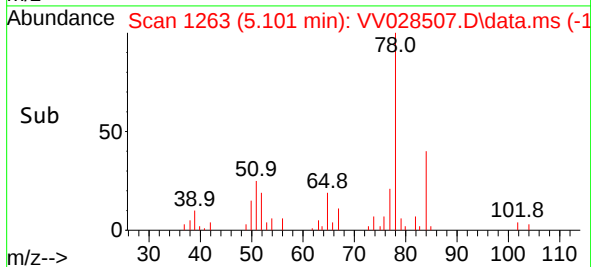
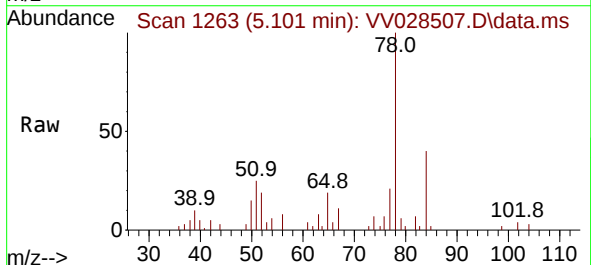
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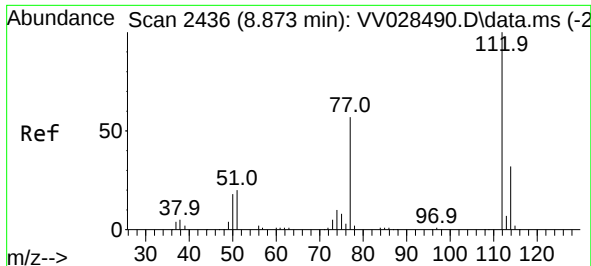
Reviewed By :Krupa Patel 10/11/2022
Supervised By :Mahesh Dadoda 10/11/2022



#33
Benzene
Concen: 2.418 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.009 min
Lab File: VV028507.D
Acq: 10 Oct 2022 20:08

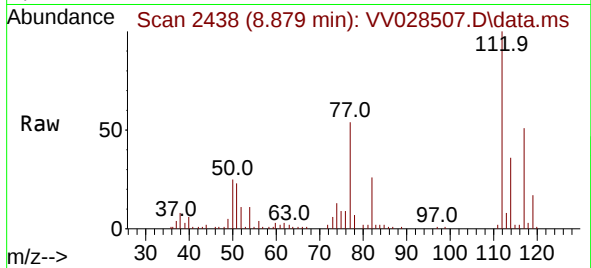
Tgt Ion: 78 Resp: 19680





#51
Chlorobenzene
Concen: 4.722 ug/L
RT: 8.879 min Scan# 2436
Delta R.T. 0.006 min
Lab File: VV028507.D
Acq: 10 Oct 2022 20:08

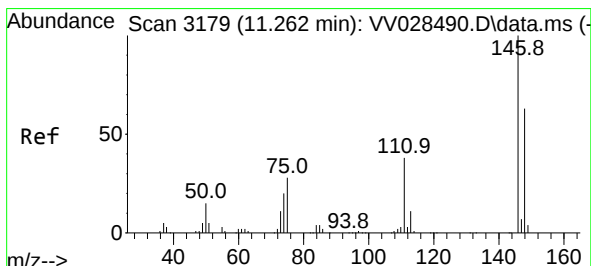
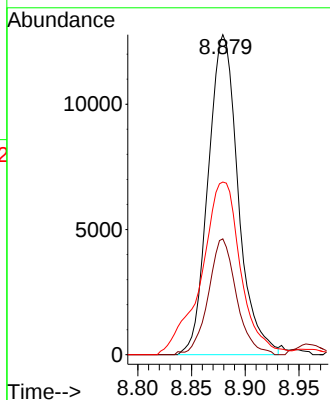
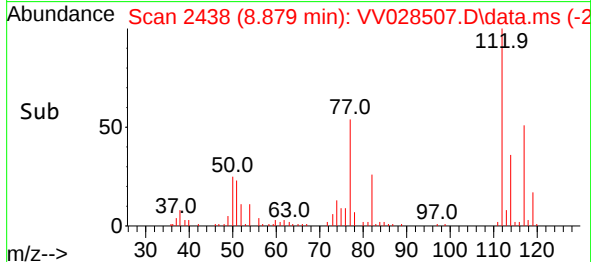
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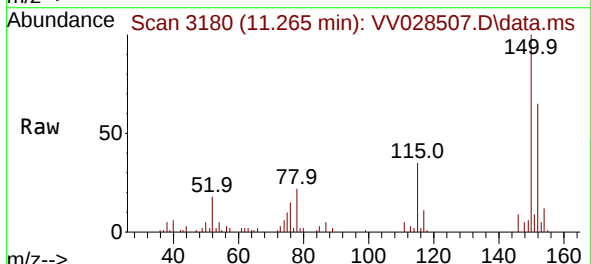
Tgt Ion:112 Resp: 24850
Ion Ratio Lower Upper
112 100
114 36.2 21.7 40.3
77 53.9 48.7 73.1

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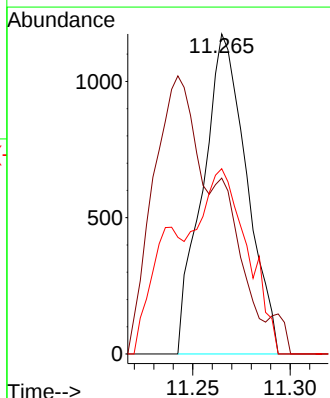
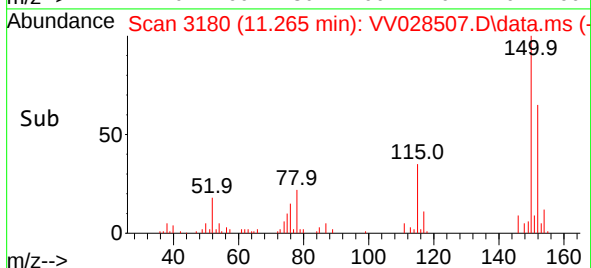
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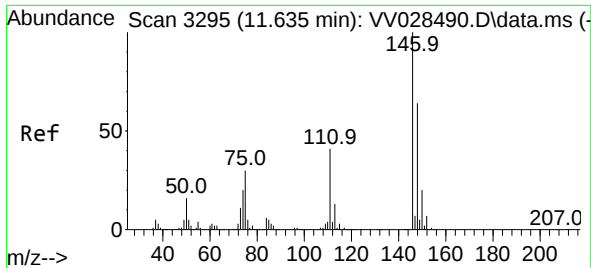


#65
1,4-Dichlorobenzene
Concen: 0.471 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028507.D
Acq: 10 Oct 2022 20:08



Tgt Ion:146 Resp: 1840
Ion Ratio Lower Upper
146 100
111 54.9 26.6 49.4#
148 57.9 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 2.657 ug/L

RT: 11.635 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV028507.D

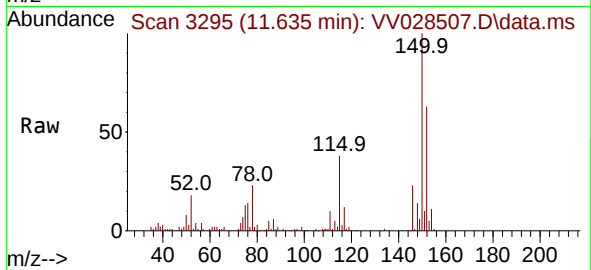
Acq: 10 Oct 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

BFZ02



Tgt Ion:	146	Resp:	10499
Ion Ratio	Lower	Upper	
146	100		
111	42.8	33.9	50.9
148	62.8	50.6	75.8

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