

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110921\
 Data File : VW023322.D
 Acq On : 10 Nov 2021 11:03
 Operator : SY/MD
 Sample : M4522-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG326

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/11/2021
 Supervised By : Mahesh Dadoda 11/11/2021

Quant Time: Nov 11 00:40:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	128147	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	131063	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62172	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	27252	3.395	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.800%
7) Chloroethane-d5	1.568	69	26065	3.984	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.600%
11) 1,1-Dichloroethene-d2	2.108	63	39245	2.611	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.200%#
20) 2-Butanone-d5	3.886	46	98141	70.959	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	141.920%#
24) Chloroform-d	4.349	84	75762	4.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.034	65	37320	4.851	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
32) Benzene-d6	5.050	84	134871	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.069	67	46715	4.719	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.317	98	108795	3.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.000%#
43) trans-1,3-Dichloroprop...	7.625	79	14506	3.865	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.088	63	67030	48.535	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34262	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.625	152	48290	4.665	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	150114	14.148	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	3767	0.469	ug/L	99
13) Acetone	2.179	43	1403	1.660	ug/L	78
14) Carbon disulfide	2.294	76	2034	0.071	ug/L	95
18) trans-1,2-Dichloroethene	2.764	96	8193	0.872	ug/L	93
19) 1,1-Dichloroethane	3.191	63	13785	0.869	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	31617	3.497	ug/L #	85
29) 1,1,1-Trichloroethane	4.609	97	1593m	0.100	ug/L	
33) Benzene	5.101	78	13630	0.372	ug/L	100
34) Trichloroethene	5.918	95	3732	0.383	ug/L	88
47) Tetrachloroethene	7.979	164	2378	0.282	ug/L	94
51) Chlorobenzene	8.886	112	13381	0.514	ug/L	94
52) Ethylbenzene	9.021	91	2465	0.060	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	1174	0.063	ug/L	88
67) 1,2-Dichlorobenzene	11.644	146	15511	0.951	ug/L	100

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

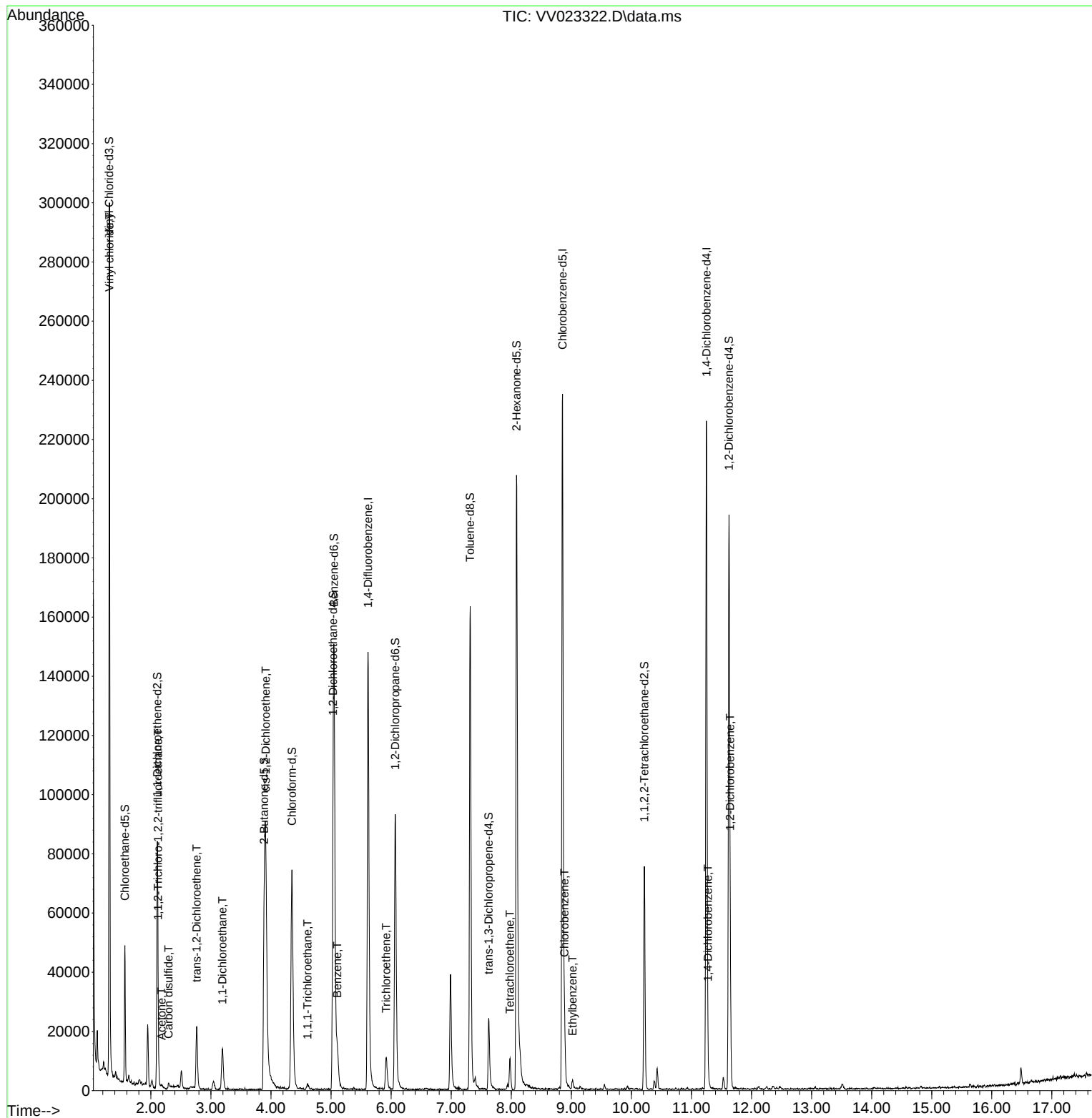
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
Data File : VV023322.D
Acq On : 10 Nov 2021 11:03
Operator : SY/MD
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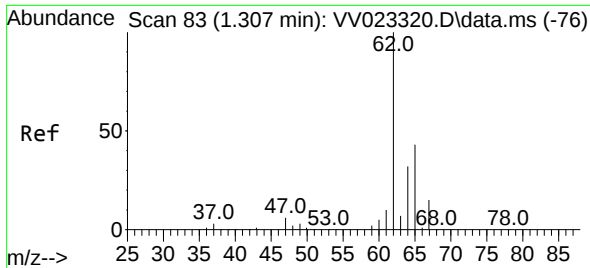
Instrument :
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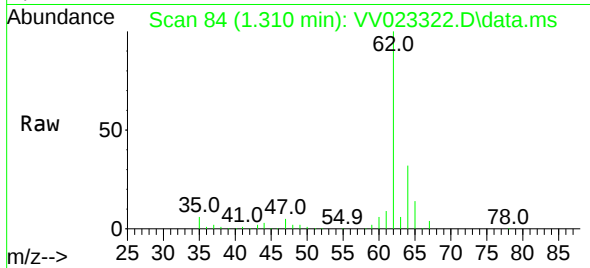
Quant Time: Nov 11 00:40:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 11 00:38:57 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 14.148 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023322.D
 Acq: 10 Nov 2021 11:03

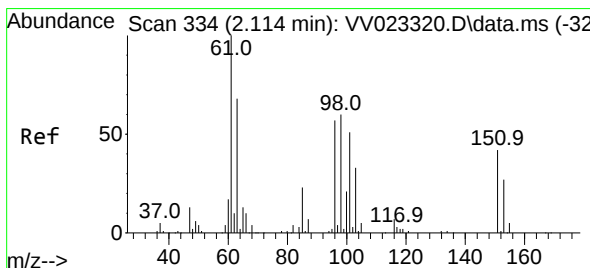
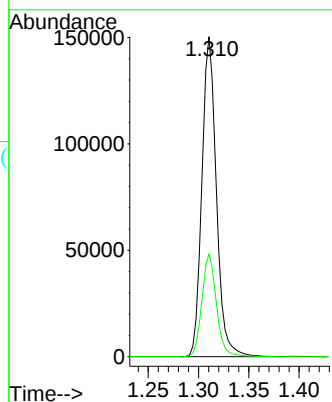
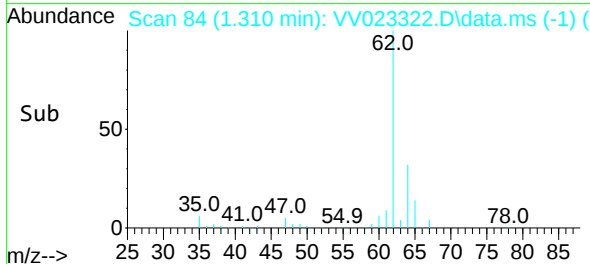
Instrument :
 MSVOA_V
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 BG326



Tgt Ion: 62 Resp: 150114
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.1 42.9

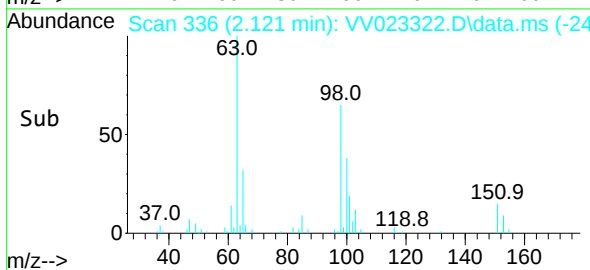
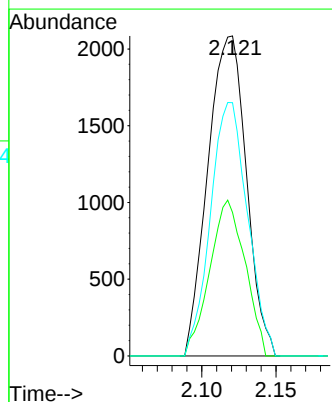
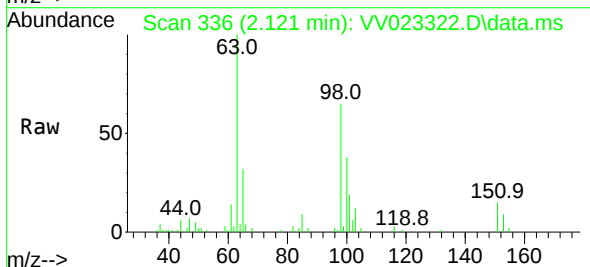
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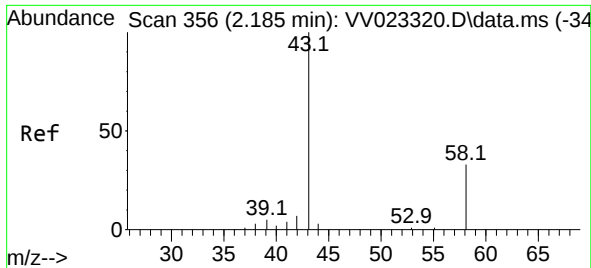
Reviewed By :John Carlone 11/11/2021
 Supervised By :Mahesh Dadoda 11/11/2021



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.469 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.006 min
 Lab File: VV023322.D
 Acq: 10 Nov 2021 11:03

Tgt Ion:101 Resp: 3767
 Ion Ratio Lower Upper
 101 100
 85 44.6 35.3 52.9
 151 76.1 62.2 93.2





#13

Acetone

Concen: 1.660 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.006 min

Lab File: VV023322.D

Acq: 10 Nov 2021 11:03

Instrument :

MSVOA_V

ClientSampleId :

BG326

Tgt Ion: 43 Resp: 140

Ion Ratio Lower Upper

43 100

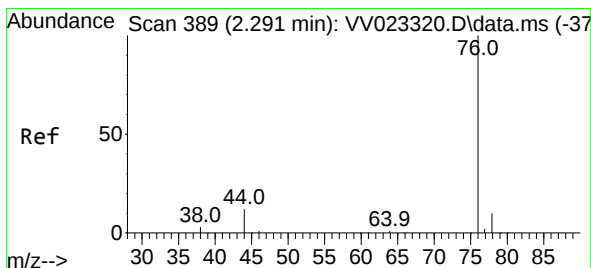
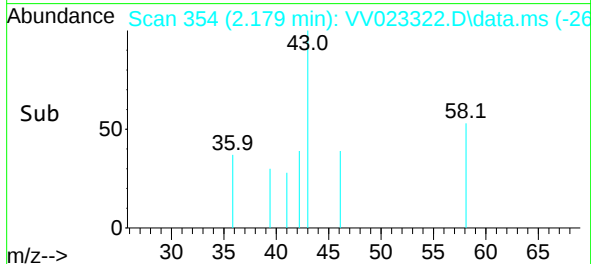
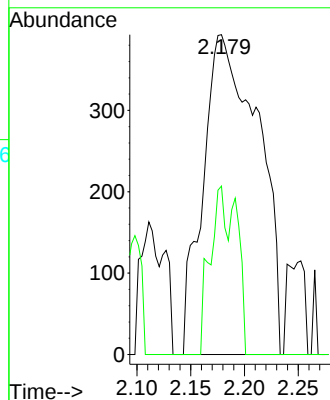
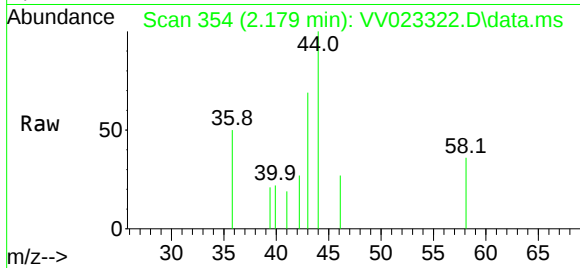
58 16.4 0.0 55.4

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#14

Carbon disulfide

Concen: 0.071 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV023322.D

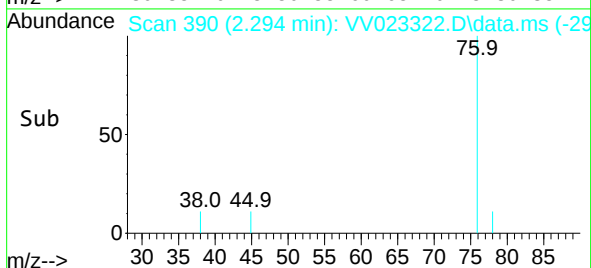
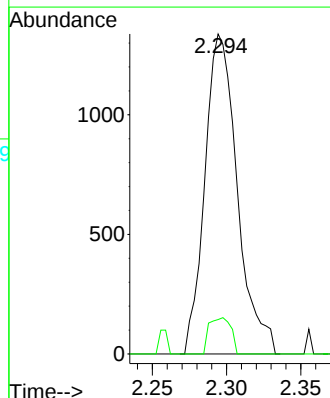
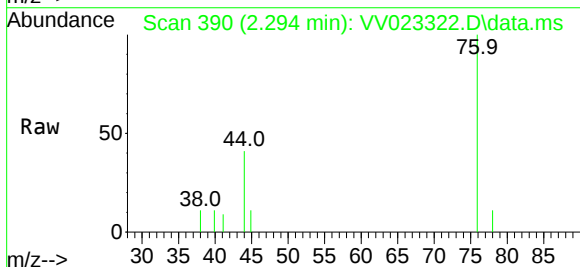
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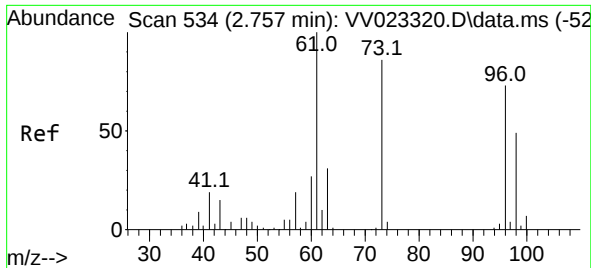
Tgt Ion: 76 Resp: 2034

Ion Ratio Lower Upper

76 100

78 10.8 7.2 10.8





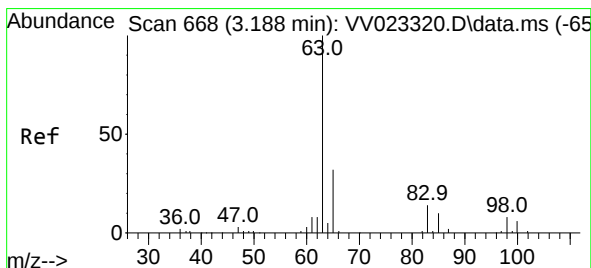
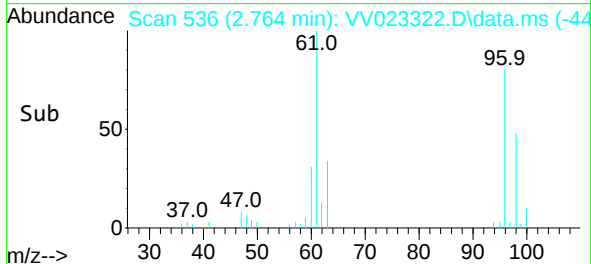
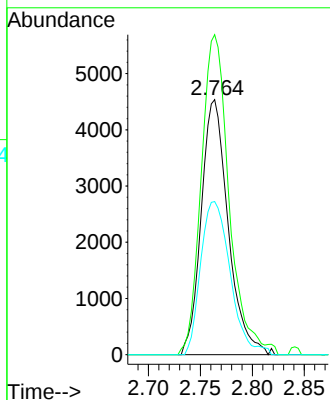
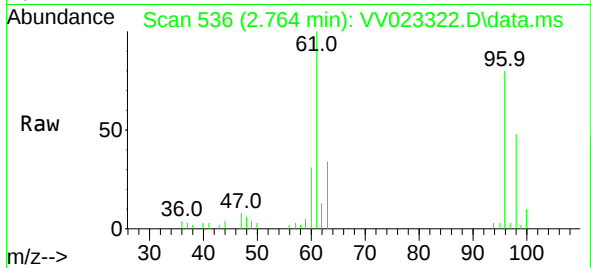
#18
trans-1,2-Dichloroethene
Concen: 0.872 ug/L
RT: 2.764 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV023322.D
Acq: 10 Nov 2021 11:03

Instrument :
MSVOA_V
ClientSampleId :
BG326

Tgt Ion: 96 Resp: 819
Ion Ratio Lower Upper
96 100
61 125.5 93.2 173.2
98 60.0 47.0 87.2

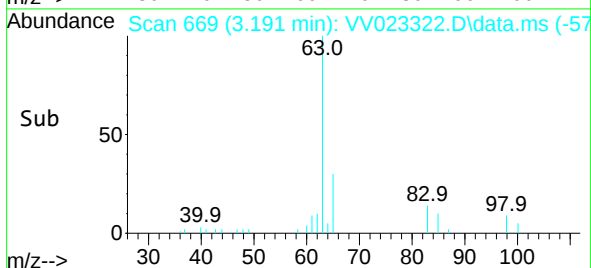
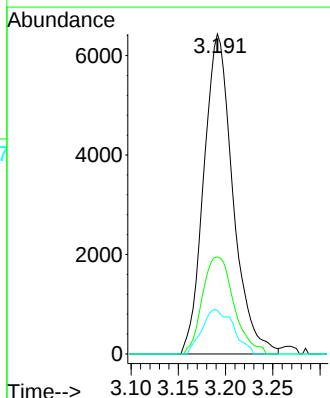
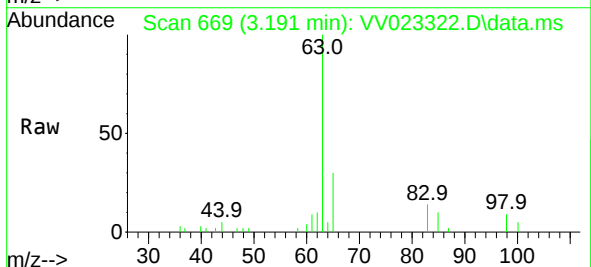
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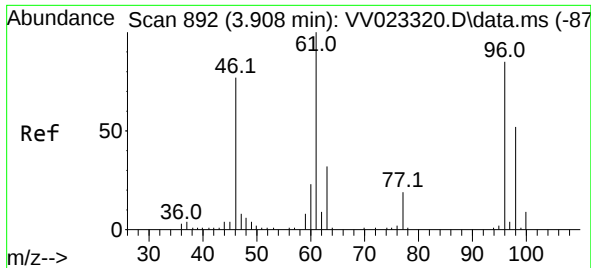
Reviewed By :John Carlone 11/11/2021
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#19
1,1-Dichloroethane
Concen: 0.869 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV023322.D
Acq: 10 Nov 2021 11:03

Tgt Ion: 63 Resp: 13785
Ion Ratio Lower Upper
63 100
65 30.3 22.6 42.0
83 13.6 11.1 20.7





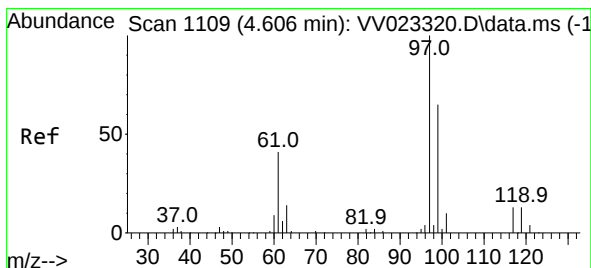
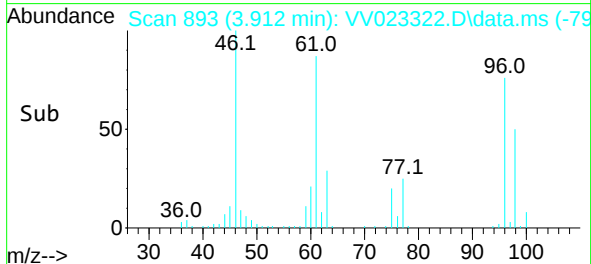
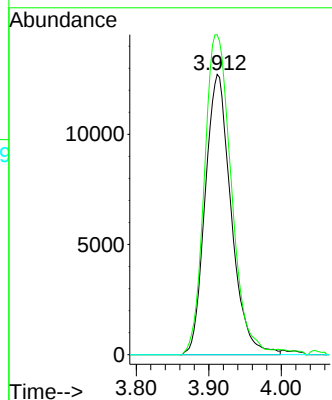
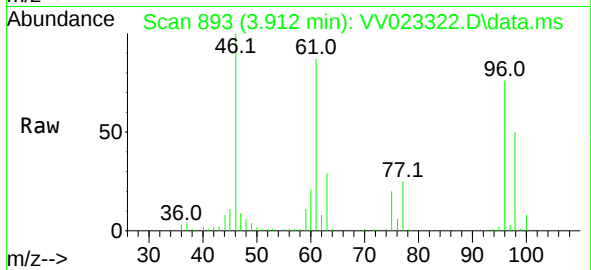
#22
 cis-1,2-Dichloroethene
 Concen: 3.497 ug/L
 RT: 3.912 min Scan# 892
 Delta R.T. 0.003 min
 Lab File: VV023322.D
 Acq: 10 Nov 2021 11:03

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion: 96 Resp: 3161
 Ion Ratio Lower Upper
 96 100
 61 114.2 92.3 171.3
 68 0.0 0.4 0.8

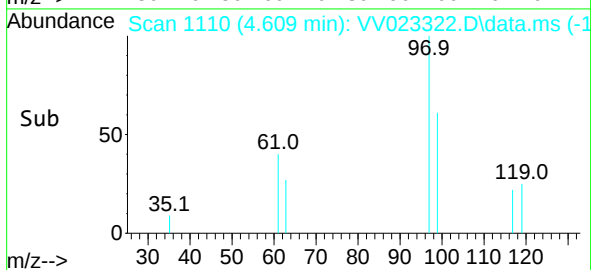
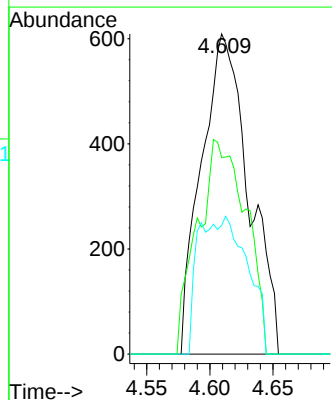
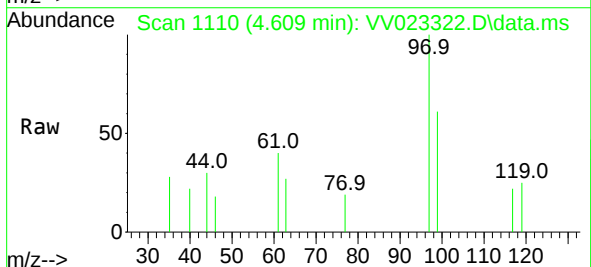
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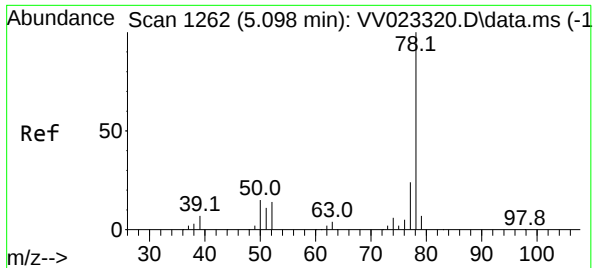
Reviewed By :John Carlone 11/11/2021
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#29
 1,1,1-Trichloroethane
 Concen: 0.100 ug/L m
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.003 min
 Lab File: VV023322.D
 Acq: 10 Nov 2021 11:03

Tgt Ion: 97 Resp: 1593
 Ion Ratio Lower Upper
 97 100
 99 68.2 51.0 76.4
 61 10.6 34.1 51.1





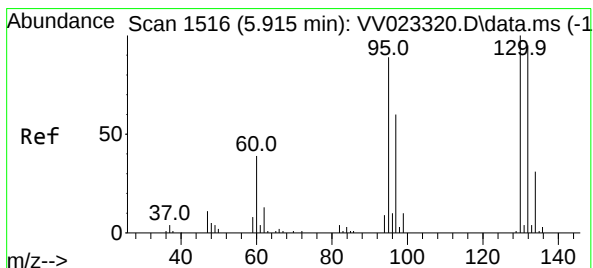
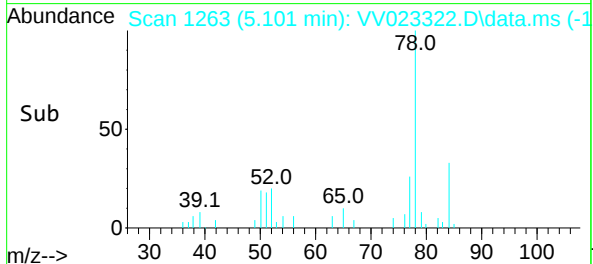
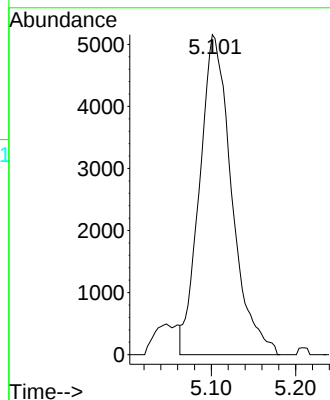
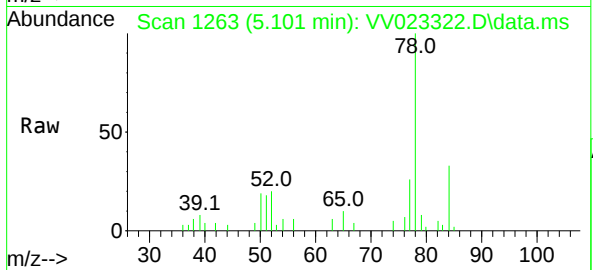
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Benzene
Concen: 0.372 ug/L
RT: 5.101 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV023322.D
Acq: 10 Nov 2021 11:03

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 78 Resp: 13630

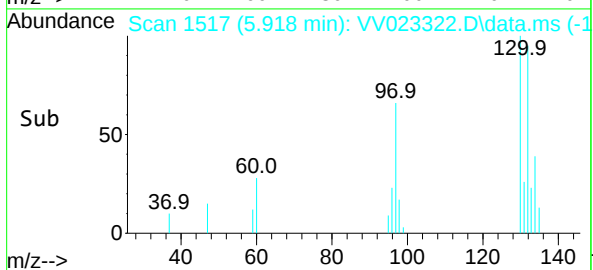
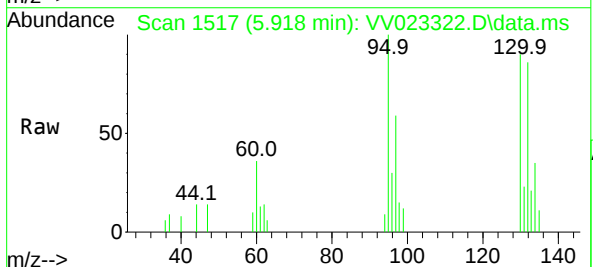
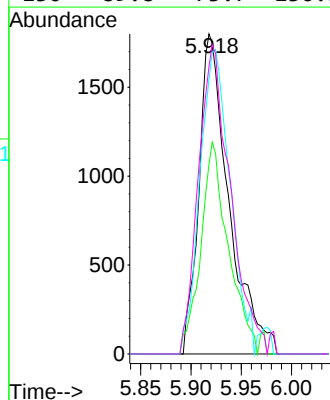
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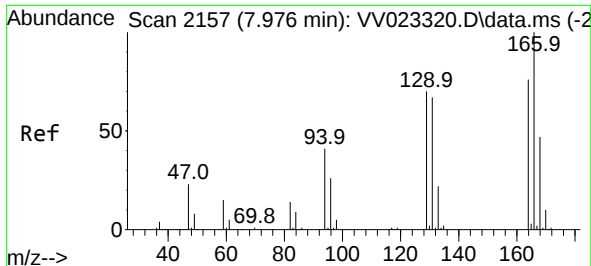
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#34
Trichloroethene
Concen: 0.383 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV023322.D
Acq: 10 Nov 2021 11:03

Tgt Ion: 95 Resp: 3732
Ion Ratio Lower Upper
95 100
97 59.3 45.0 83.6
132 85.8 69.7 129.4
130 89.8 73.7 136.9





#47

Tetrachloroethene

Concen: 0.282 ug/L

RT: 7.979 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023322.D

Acq: 10 Nov 2021 11:03

Instrument :

MSVOA_V

ClientSampleId :

BG326

Tgt Ion:164 Resp: 2378

Ion Ratio Lower Upper

164 100

129 88.7 64.0 119.0

131 76.1 63.4 117.8

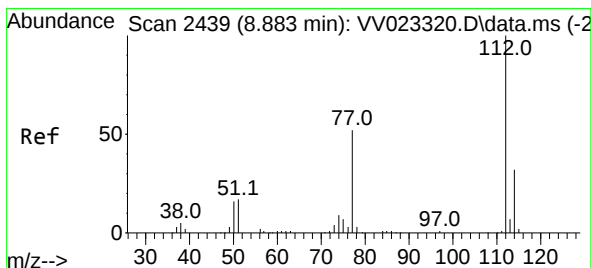
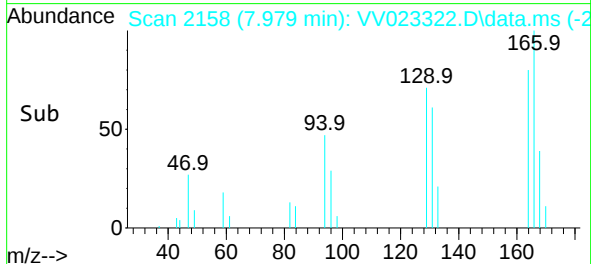
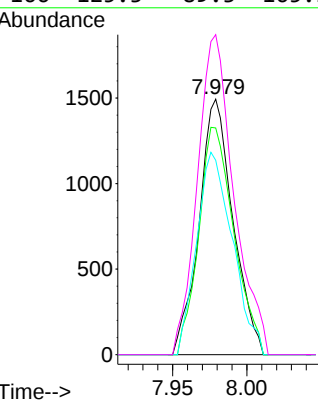
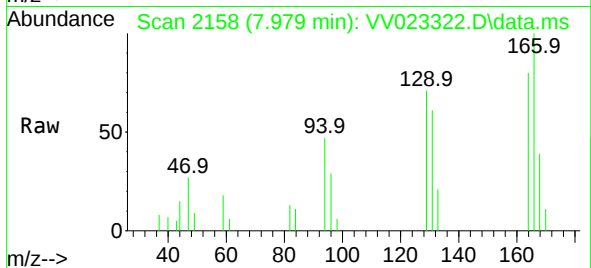
166 125.3 89.3 165.9

Manual Integrations

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#51

Chlorobenzene

Concen: 0.514 ug/L

RT: 8.886 min Scan# 2440

Delta R.T. 0.003 min

Lab File: VV023322.D

Acq: 10 Nov 2021 11:03

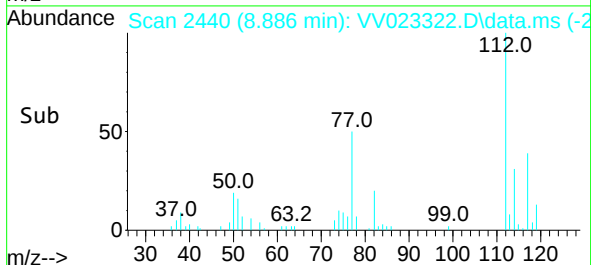
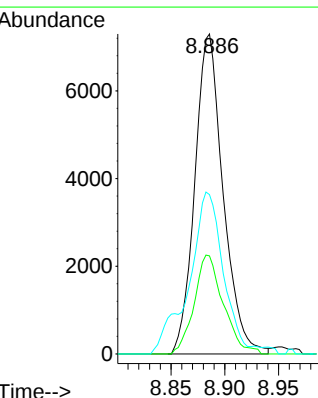
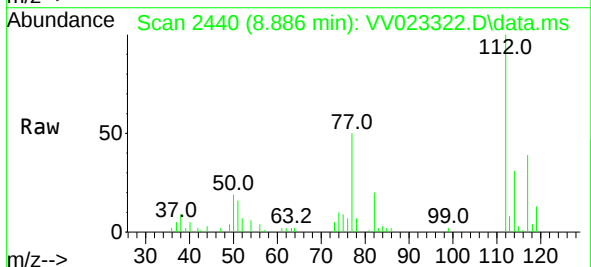
Tgt Ion:112 Resp: 13381

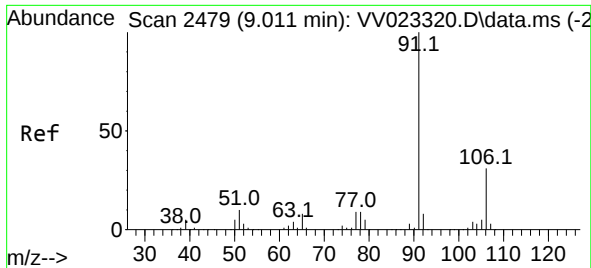
Ion Ratio Lower Upper

112 100

114 30.6 22.0 40.8

77 49.8 44.4 66.6





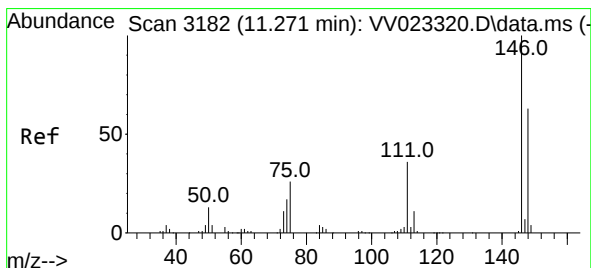
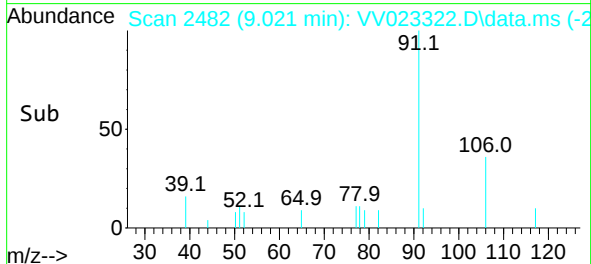
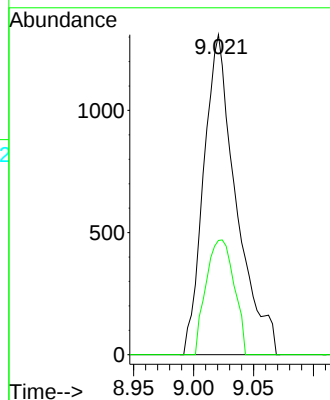
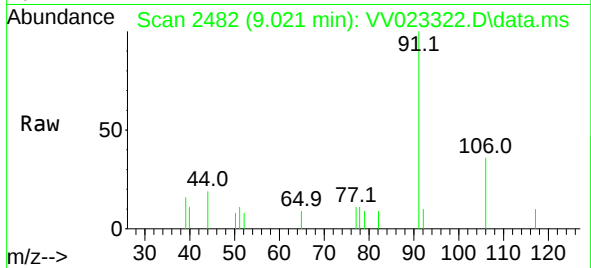
#52
Ethylbenzene
Concen: 0.060 ug/L
RT: 9.021 min Scan# 2479
Delta R.T. 0.010 min
Lab File: VV023322.D
Acq: 10 Nov 2021 11:03

Instrument :
MSVOA_V
ClientSampleId :
BG326

Tgt Ion: 91 Resp: 246
Ion Ratio Lower Upper
91 100
106 35.7 22.5 41.9

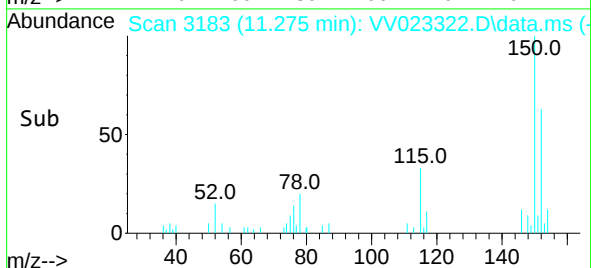
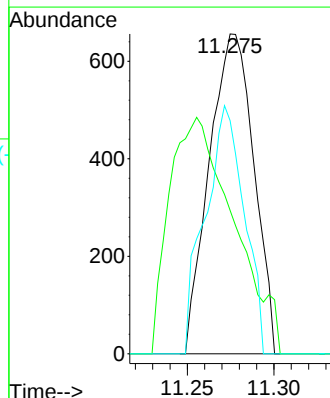
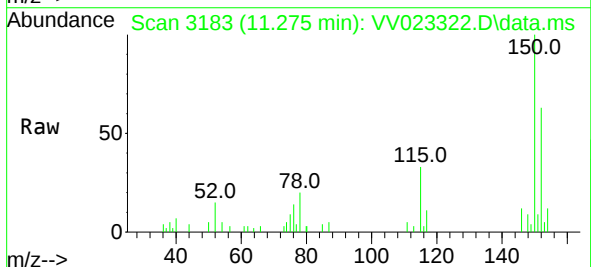
Manual Integrations
APPROVED

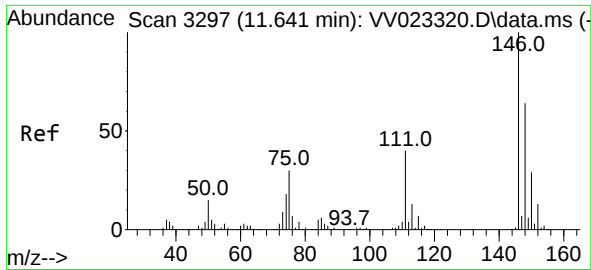
Reviewed By :John Carlone 11/11/2021
Supervised By :Mahesh Dadoda 11/11/2021



#65
1,4-Dichlorobenzene
Concen: 0.063 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. 0.003 min
Lab File: VV023322.D
Acq: 10 Nov 2021 11:03

Tgt Ion:146 Resp: 1174
Ion Ratio Lower Upper
146 100
111 44.8 26.2 48.8
148 72.9 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 0.951 ug/L

RT: 11.644 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV023322.D

Acq: 10 Nov 2021 11:03

Instrument :

MSVOA_V

ClientSampleId :

BG326

Tgt Ion:146 Resp: 1551

Ion Ratio Lower Upper

146 100

111 40.0 31.6 47.4

148 63.7 51.0 76.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 11/11/2021

Supervised By :Mahesh Dadoda 11/11/2021

