

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028347.D
 Acq On : 05 Oct 2022 00:10
 Operator : SY/MD
 Sample : N4872-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX2

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 04:17:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	196940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	198009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128059	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	57116	3.860	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.561	69	54341	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.102	63	84745	3.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.896	46	154908	61.871	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.740%
24) Chloroform-d	4.339	84	124821	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.027	65	59391	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.044	84	258594	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.063	67	81941	5.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.310	98	213149	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.622	79	26098	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.085	63	131037	53.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60103	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	107299	4.869	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
3) Chloromethane	1.237	50	2043	0.136	ug/L	96
6) Bromomethane	1.516	94	446	0.056	ug/L	86
13) Acetone	2.188	43	126960	77.223	ug/L	94
18) trans-1,2-Dichloroethene	2.757	96	1224	0.083	ug/L	86
19) 1,1-Dichloroethane	3.185	63	2673	0.107	ug/L	93
22) cis-1,2-Dichloroethene	3.905	96	12246	0.826	ug/L	97
30) Cyclohexane	4.667	56	2909	0.138	ug/L	# 75
34) Trichloroethene	5.908	95	156317	10.591	ug/L	95
47) Tetrachloroethene	7.973	164	70202	5.443	ug/L	97
51) Chlorobenzene	8.876	112	1492651	36.187	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	5903983	153.373	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	16359038	424.417	ug/L	# 76
67) 1,2-Dichlorobenzene	11.641	146	17305218m	495.671	ug/L	
70) 1,2,4-trichlorobenzene	13.259	180	1857079	80.034	ug/L	100
72) 1,2,3-Trichlorobenzene	13.738	180	828695	39.619	ug/L	99

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

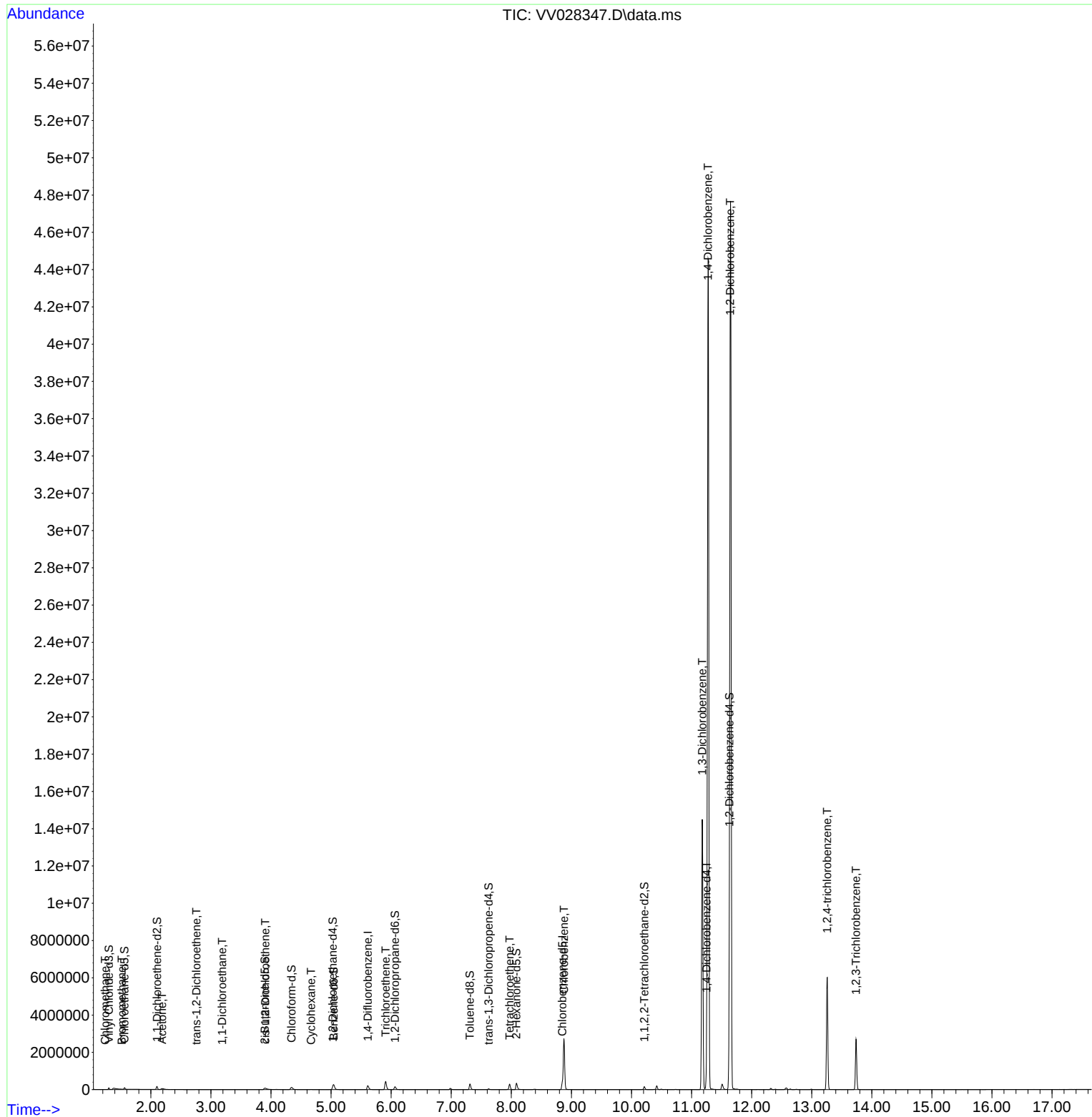
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
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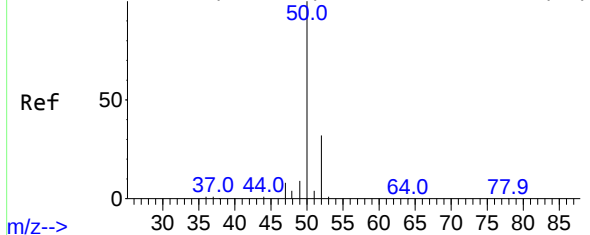
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Abundance Scan 61 (1.237 min): VV028333.D\data.ms (-52)



#3

Chloromethane

Concen: 0.136 ug/L

RT: 1.237 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

Instrument :

MSVOA_V

ClientSampleId :

EXFX2

Tgt Ion: 50 Resp: 204

Ion Ratio Lower Upper

50 100

52 32.3 24.4 45.2

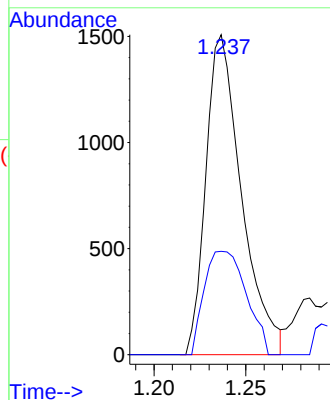
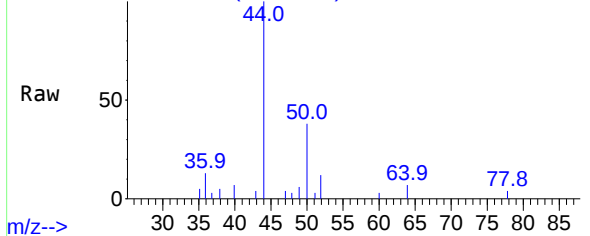
Manual Integrations

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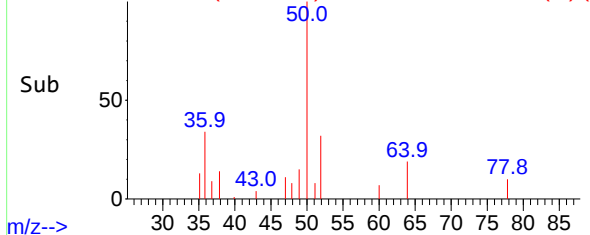
Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022

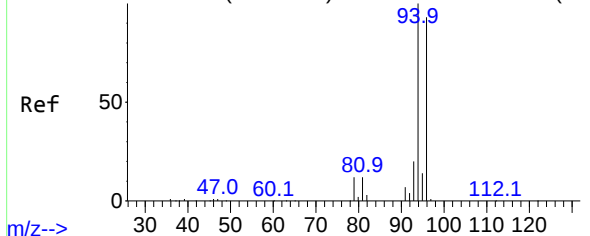
Abundance Scan 61 (1.237 min): VV028347.D\data.ms



Abundance Scan 61 (1.237 min): VV028347.D\data.ms (-1)



Abundance Scan 148 (1.516 min): VV028333.D\data.ms (-13)



#6

Bromomethane

Concen: 0.056 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

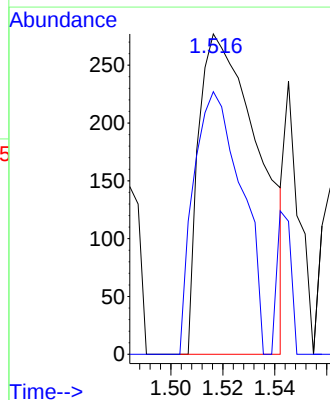
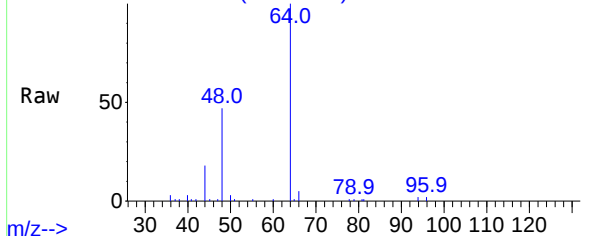
Tgt Ion: 94 Resp: 446

Ion Ratio Lower Upper

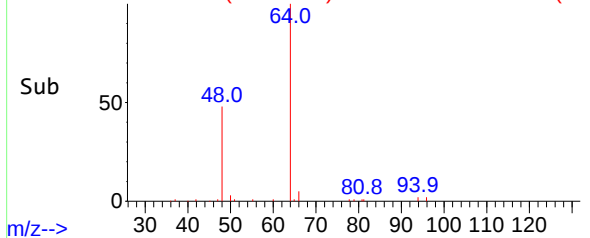
94 100

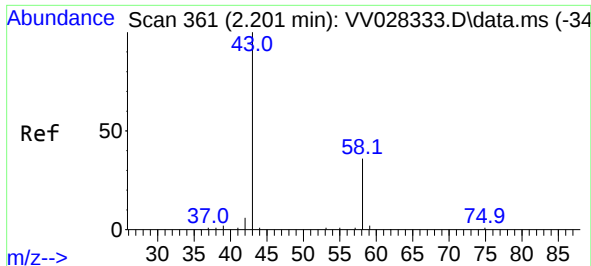
96 81.9 66.7 123.9

Abundance Scan 148 (1.516 min): VV028347.D\data.ms



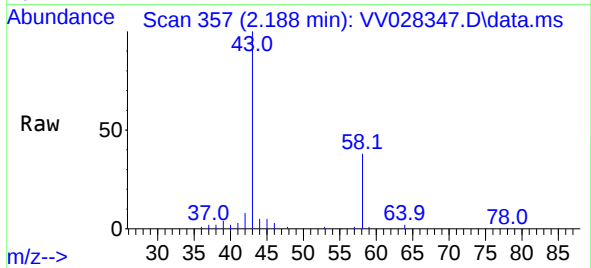
Abundance Scan 148 (1.516 min): VV028347.D\data.ms (-55)





#13
Acetone
Concen: 77.223 ug/L
RT: 2.188 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

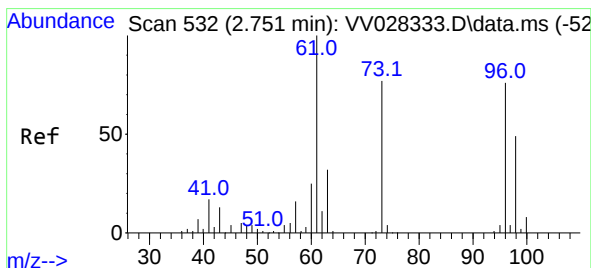
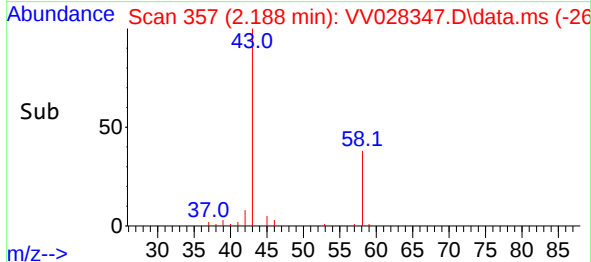
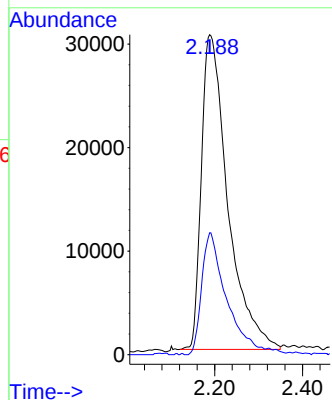
Instrument :
MSVOA_V
ClientSampleId :
EXFX2



Tgt Ion: 43 Resp: 126960
Ion Ratio Lower Upper
43 100
58 36.1 0.0 65.6

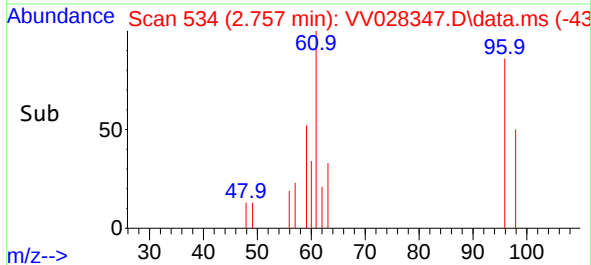
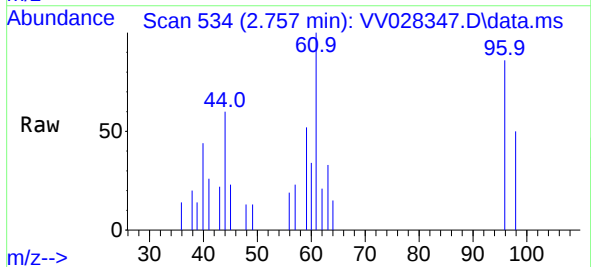
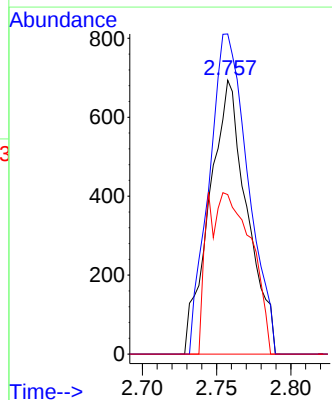
Manual Integrations
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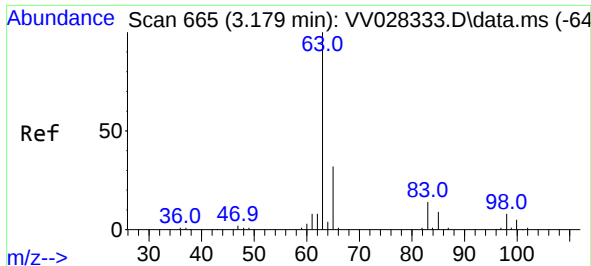
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#18
trans-1,2-Dichloroethene
Concen: 0.083 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.007 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Tgt Ion: 96 Resp: 1224
Ion Ratio Lower Upper
96 100
61 116.9 96.2 178.6
98 58.2 45.7 84.9





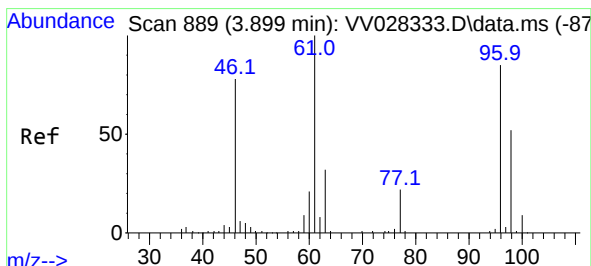
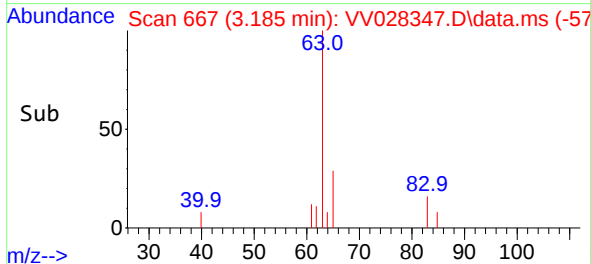
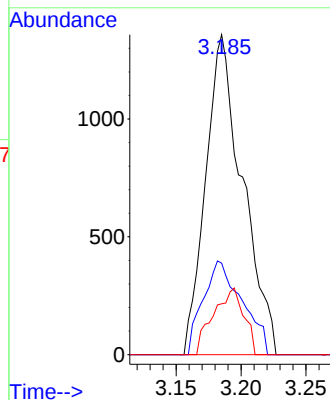
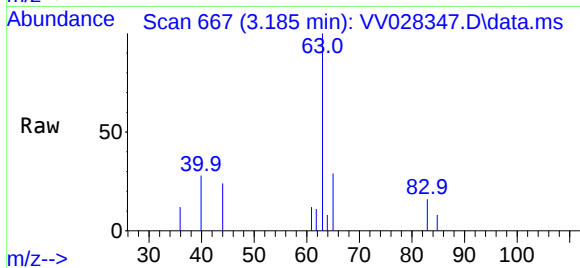
#19
1,1-Dichloroethane
Concen: 0.107 ug/L
RT: 3.185 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Instrument :
MSVOA_V
ClientSampleId :
EXFX2

Tgt Ion: 63 Resp: 267
Ion Ratio Lower Upper
63 100
65 28.6 23.0 42.8
83 15.9 9.2 17.2

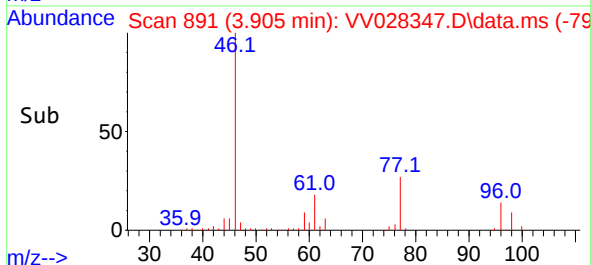
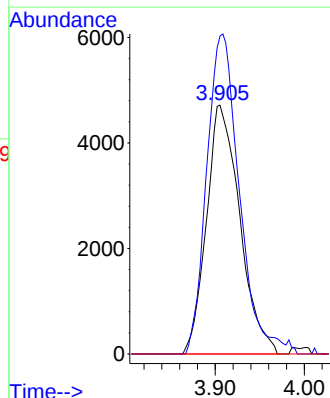
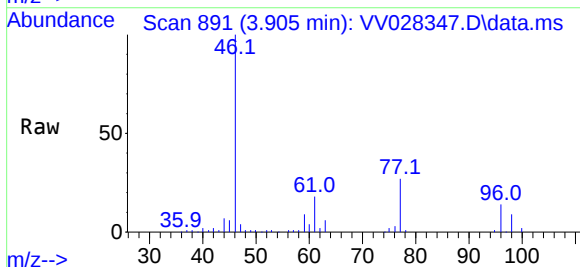
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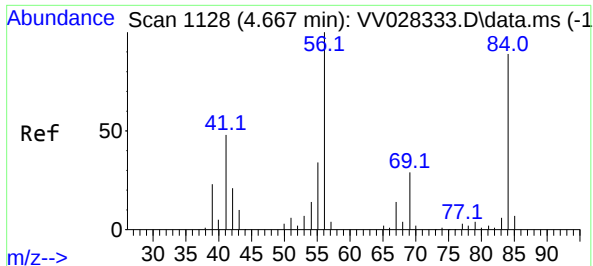
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#22
cis-1,2-Dichloroethene
Concen: 0.826 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

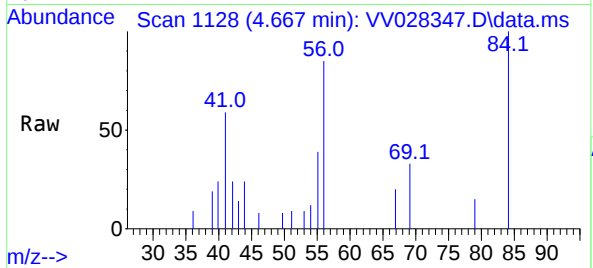
Tgt Ion: 96 Resp: 12246
Ion Ratio Lower Upper
96 100
61 127.8 87.2 161.9
68 0.0 0.0 0.0





#30
Cyclohexane
Concen: 0.138 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

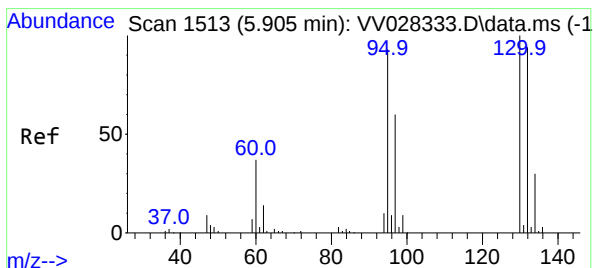
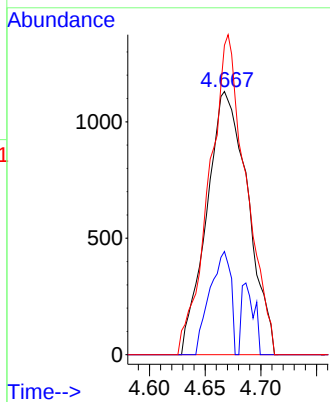
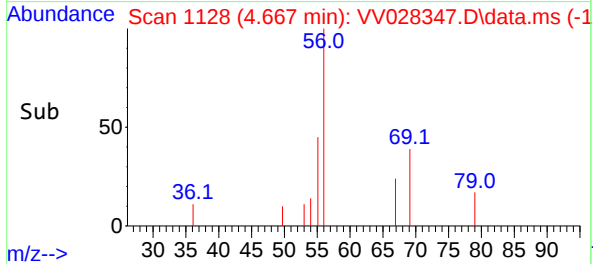
Instrument :
MSVOA_V
ClientSampleId :
EXFX2



Tgt Ion: 56 Resp: 2909
Ion Ratio Lower Upper
56 100
69 20.0 23.7 35.5
84 109.1 67.3 100.9

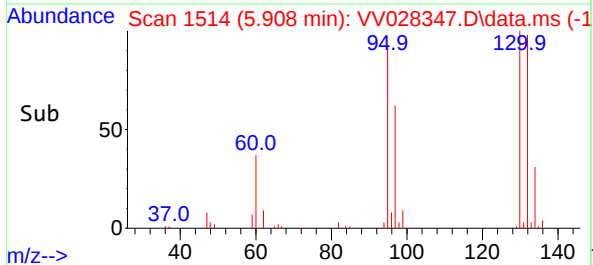
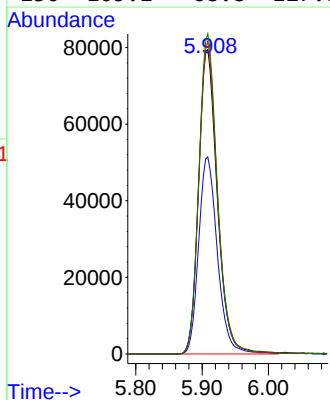
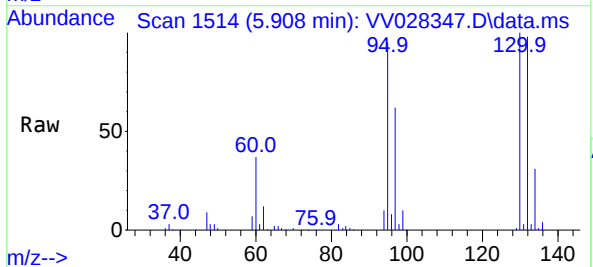
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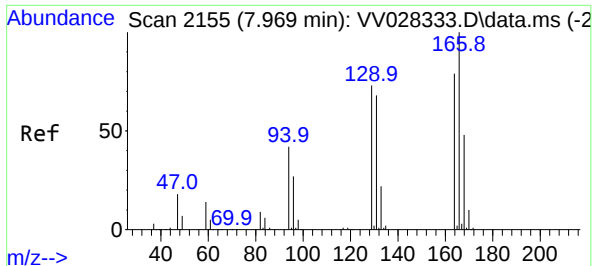
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#34
Trichloroethene
Concen: 10.591 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Tgt Ion: 95 Resp: 156317
Ion Ratio Lower Upper
95 100
97 64.7 44.2 82.0
132 102.7 67.8 126.0
130 105.1 68.8 127.8





#47

Tetrachloroethene

Concen: 5.443 ug/L

RT: 7.973 min Scan# 2155

Delta R.T. 0.004 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

Instrument :

MSVOA_V

ClientSampleId :

EXFX2

Tgt Ion:164 Resp: 7020

Ion Ratio Lower Upper

164 100

129 89.5 66.7 123.9

131 88.1 61.7 114.5

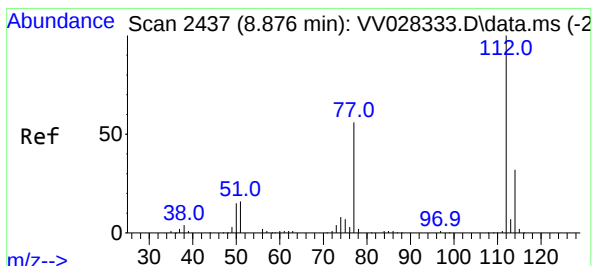
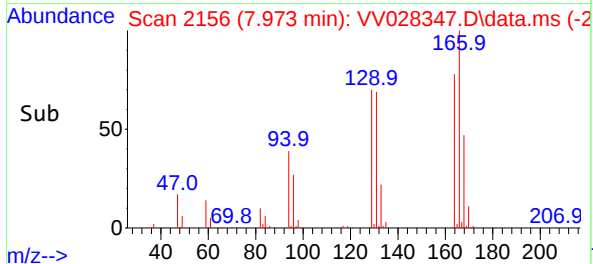
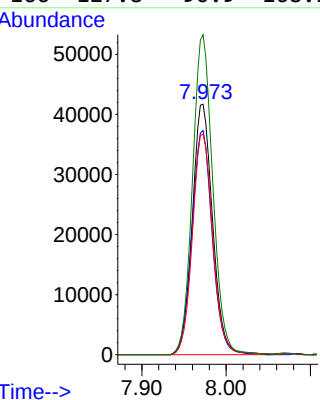
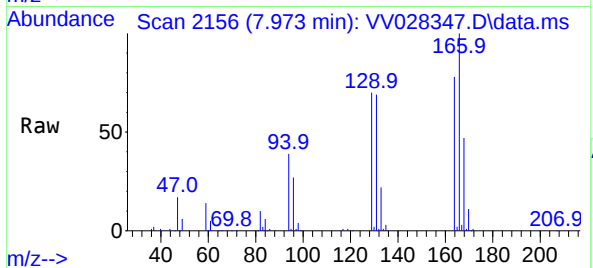
166 127.8 90.9 168.9

Manual Integrations

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Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#51

Chlorobenzene

Concen: 36.187 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

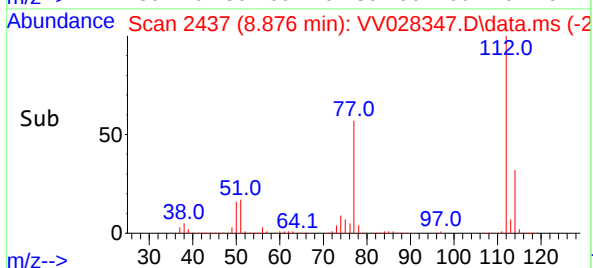
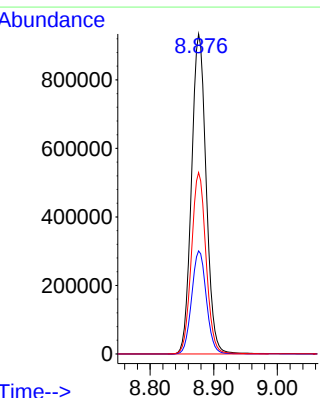
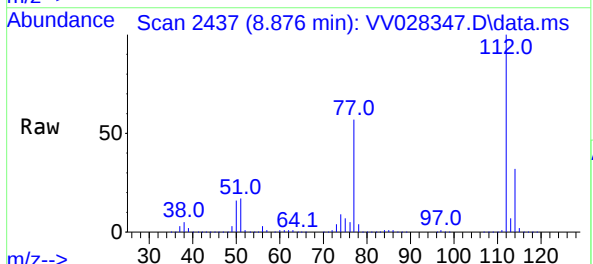
Tgt Ion:112 Resp: 1492651

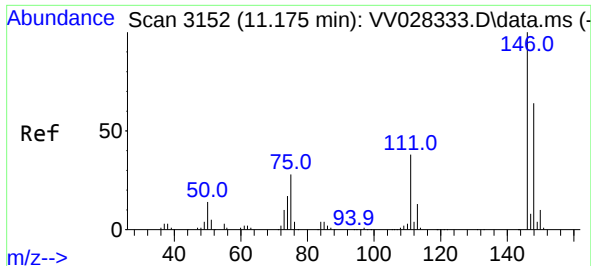
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

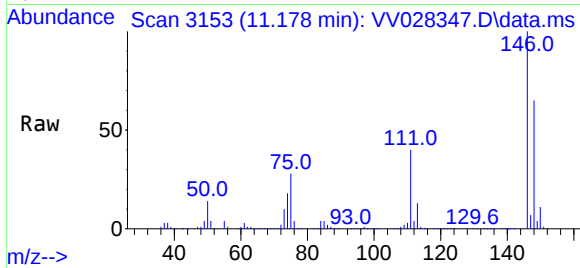
77 56.7 46.1 69.1





#64
1,3-Dichlorobenzene
Concen: 153.373 ug/L
RT: 11.178 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

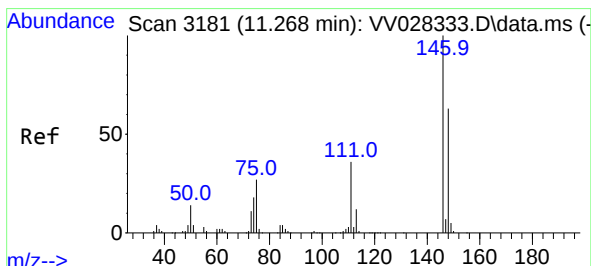
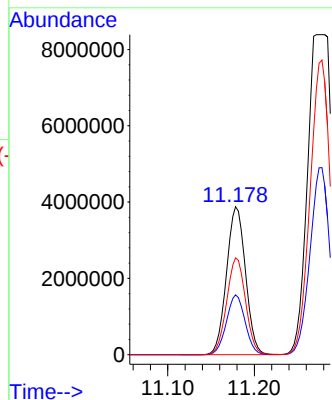
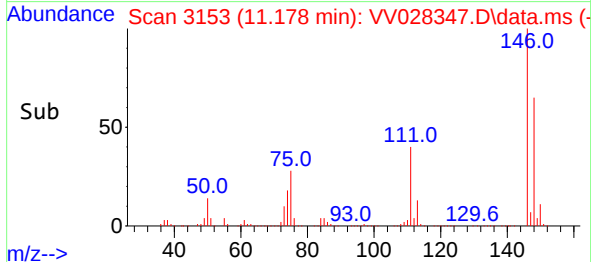
Instrument :
MSVOA_V
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EXFX2



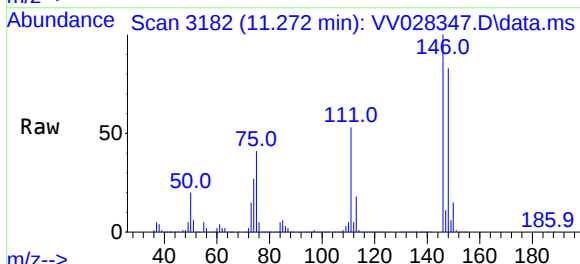
Tgt Ion:146 Resp: 590398
Ion Ratio Lower Upper
146 100
111 40.4 27.1 50.3
148 65.4 45.7 84.9

Manual Integrations
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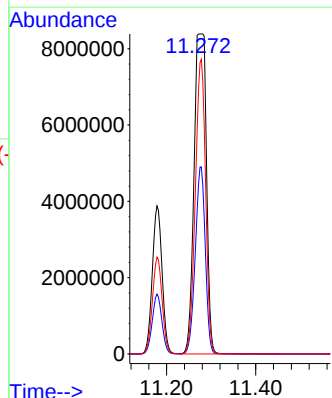
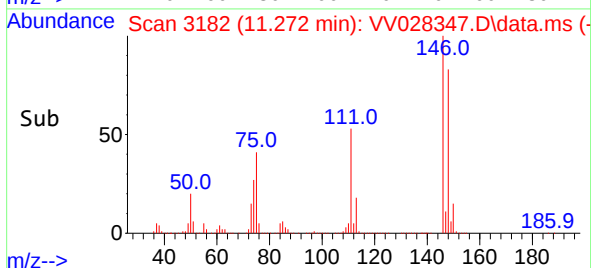
Reviewed By :Krupa Patel 10/05/2022
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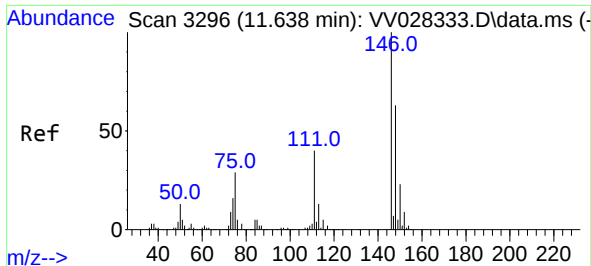


#65
1,4-Dichlorobenzene
Concen: 424.417 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10



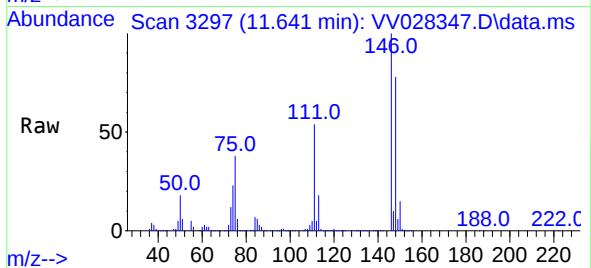
Tgt Ion:146 Resp:16359038
Ion Ratio Lower Upper
146 100
111 53.3 26.2 48.8#
148 83.0 45.8 85.2





#67
1,2-Dichlorobenzene
Concen: 495.671 ug/L m
RT: 11.641 min Scan# 3296
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

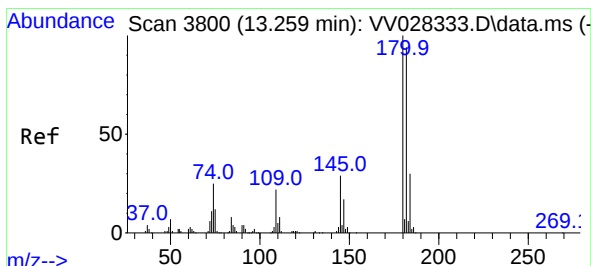
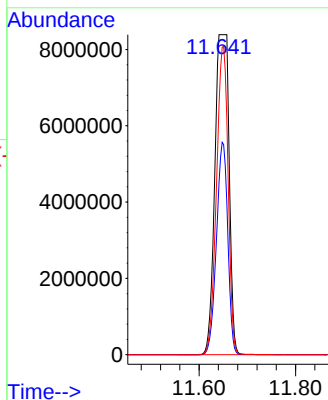
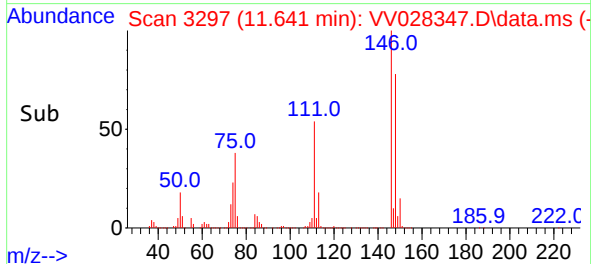
Instrument :
MSVOA_V
ClientSampleId :
EXFX2



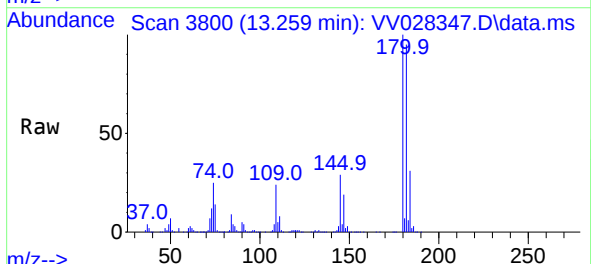
Tgt Ion:146 Resp:17305218
Ion Ratio Lower Upper
146 100
111 53.6 32.6 49.0
148 77.8 50.1 75.1

Manual Integrations
APPROVED

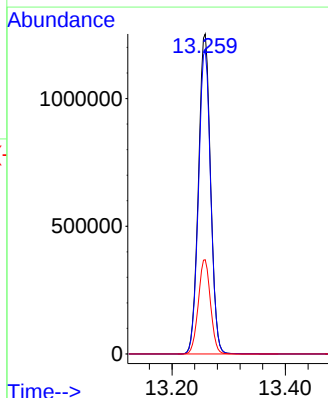
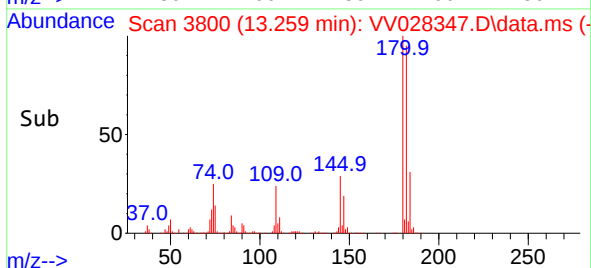
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

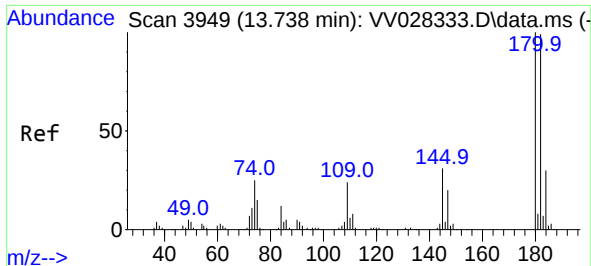


#70
1,2,4-trichlorobenzene
Concen: 80.034 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10



Tgt Ion:180 Resp: 1857079
Ion Ratio Lower Upper
180 100
182 95.4 76.3 114.5
145 29.5 22.9 34.3





#72

1,2,3-Trichlorobenzene

Concen: 39.619 ug/L

RT: 13.738 min Scan# 3949

Delta R.T. -0.003 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

Instrument :

MSVOA_V

ClientSampleId :

EXFX2

Tgt Ion:180 Resp: 82869

Ion Ratio Lower Upper

180 100

182 96.0 77.4 116.0

145 31.1 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022

