

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028351.D
 Acq On : 05 Oct 2022 01:47
 Operator : SY/MD
 Sample : N4872-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX6

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 04:18:31 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	208815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	223684	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.268	152	170167	5.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	58646	3.738	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	74.800%	
7) Chloroethane-d5	1.561	69	57044	4.295	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.102	63	88426	2.990	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	59.800%#	
20) 2-Butanone-d5	3.892	46	157400	59.291	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	118.580%	
24) Chloroform-d	4.343	84	132422	4.659	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.200%	
26) 1,2-Dichloroethane-d4	5.027	65	63473	4.817	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.043	84	268160	4.370	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
36) 1,2-Dichloropropane-d6	6.063	67	82880	4.708	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.200%	
41) Toluene-d8	7.310	98	220612	3.909	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	7.622	79	26268	3.918	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.088	63	137002	49.927	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.860%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	61900	4.639	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	11.645	152	140904	4.811	ug/L	0.02
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.200%	
Target Compounds						
						Qvalue
3) Chloromethane	1.237	50	2747	0.173	ug/L	99
13) Acetone	2.188	43	79945	45.861	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	3408	0.218	ug/L	78
19) 1,1-Dichloroethane	3.185	63	4884	0.184	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	33932	2.160	ug/L	98
30) Cyclohexane	4.667	56	3267	0.137	ug/L	92
33) Benzene	5.095	78	38290	0.575	ug/L	100
34) Trichloroethene	5.908	95	44644	2.678	ug/L	92
47) Tetrachloroethene	7.973	164	75094	5.154	ug/L	97
51) Chlorobenzene	8.879	112	15298306	328.310	ug/L #	84
52) Ethylbenzene	9.014	91	3543	0.048	ug/L	94
64) 1,3-Dichlorobenzene	11.178	146	22695573m	443.689	ug/L	
65) 1,4-Dichlorobenzene	11.272	146	30901941m	603.331	ug/L	
67) 1,2-Dichlorobenzene	11.641	146	31064139m	669.593	ug/L	
70) 1,2,4-trichlorobenzene	13.259	180	12704	0.412	ug/L	94
72) 1,2,3-Trichlorobenzene	13.744	180	4335	0.156	ug/L	97

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

Instrument :
MSVOA_V
ClientSampleId :
EXFX6

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Supervised By :Mahesh Dadoda 10/05/2022

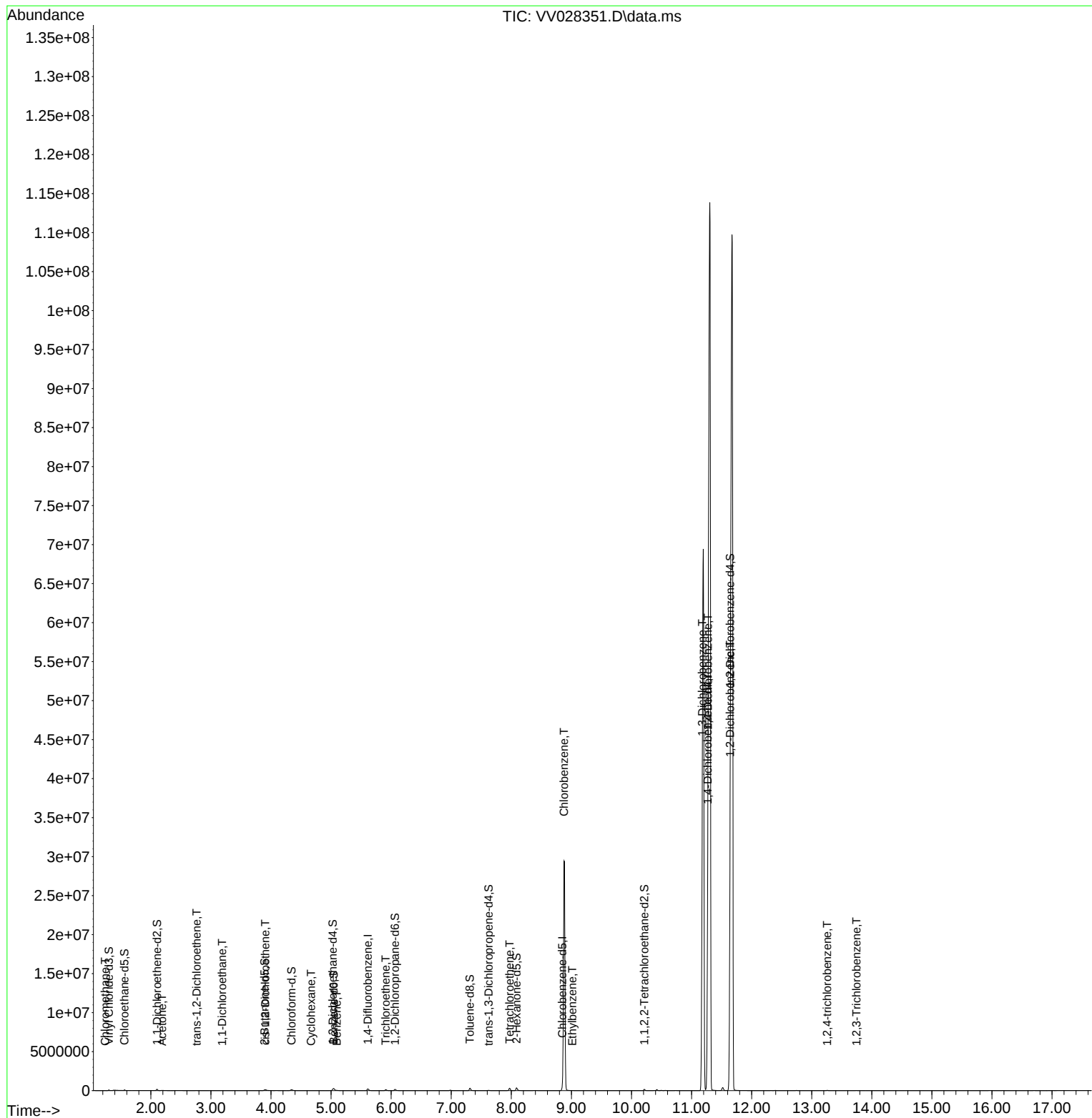
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028351.D
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 Operator : SY/MD
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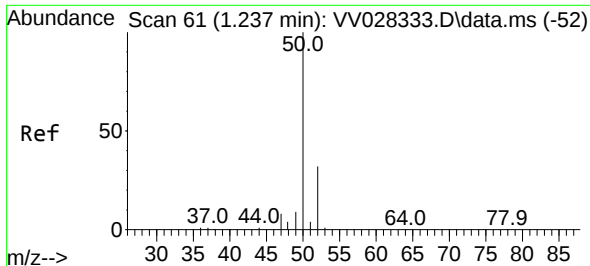
Instrument :
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 EXFX6

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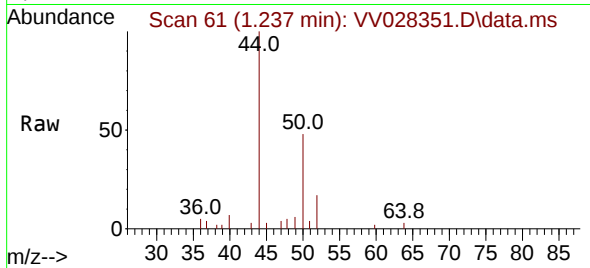
Quant Time: Oct 05 04:18:31 2022
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 Quant Title : TRACE VOA SFAM1.0
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#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

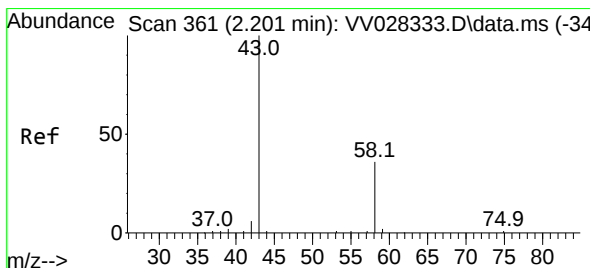
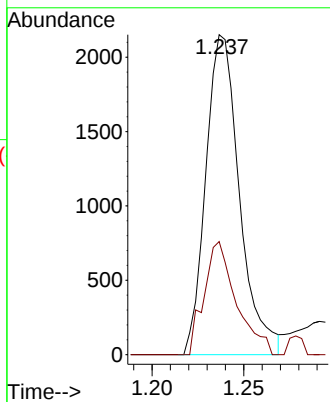
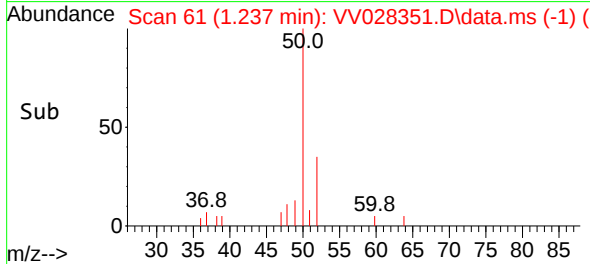
Instrument :
MSVOA_V
ClientSampleId :
EXFX6



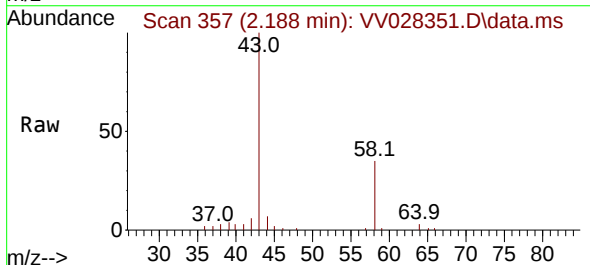
Tgt Ion: 50 Resp: 274
Ion Ratio Lower Upper
50 100
52 35.3 24.4 45.2

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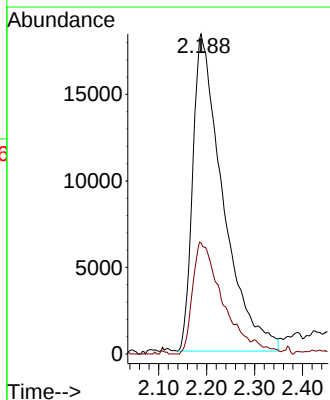
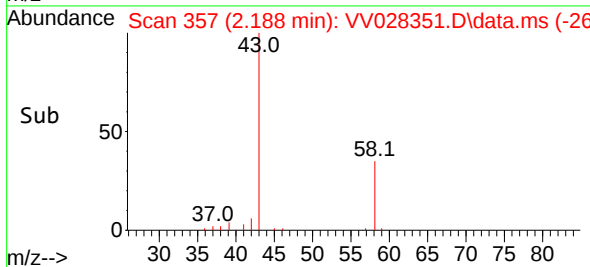
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

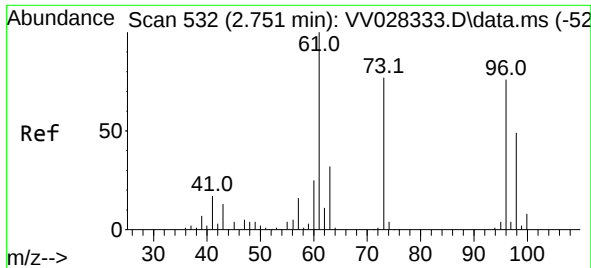


#13
Acetone
Concen: 45.861 ug/L
RT: 2.188 min Scan# 357
Delta R.T. 0.013 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47



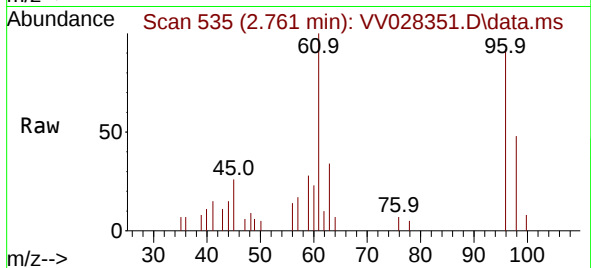
Tgt Ion: 43 Resp: 79945
Ion Ratio Lower Upper
43 100
58 33.8 0.0 65.6





#18
trans-1,2-Dichloroethene
Concen: 0.218 ug/L
RT: 2.761 min Scan# 510
Delta R.T. 0.010 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

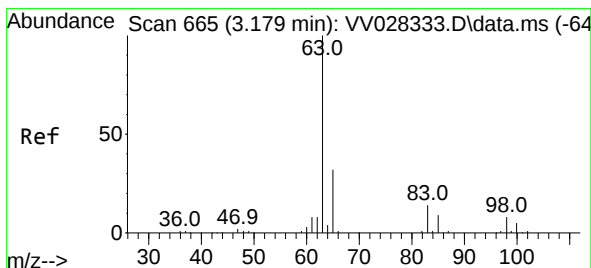
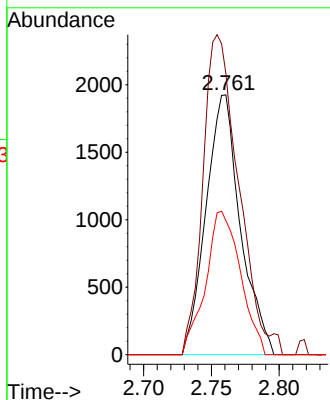
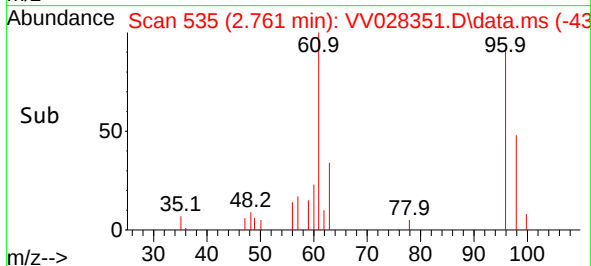
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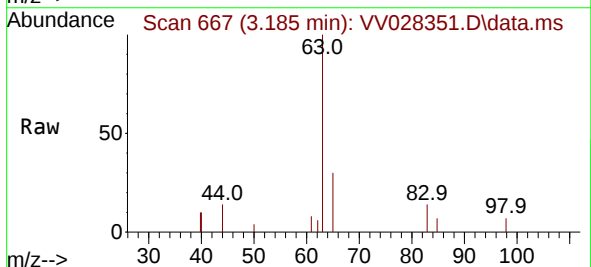
Tgt Ion: 96 Resp: 3408
Ion Ratio Lower Upper
96 100
61 108.3 96.2 178.6
98 51.6 45.7 84.9

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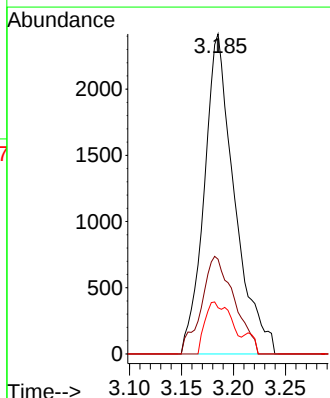
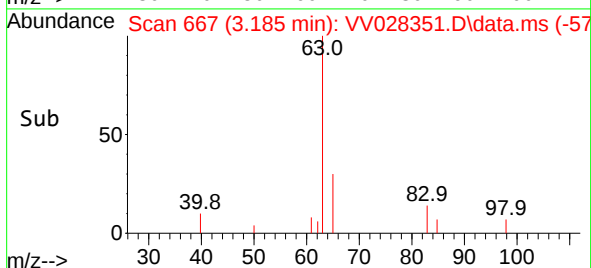
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

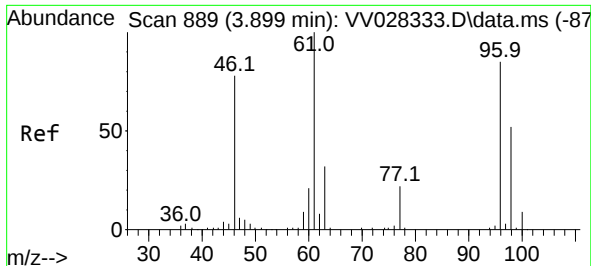


#19
1,1-Dichloroethane
Concen: 0.184 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47



Tgt Ion: 63 Resp: 4884
Ion Ratio Lower Upper
63 100
65 29.6 23.0 42.8
83 14.4 9.2 17.2





#22

cis-1,2-Dichloroethene

Concen: 2.160 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.000 min

Lab File: VV028351.D

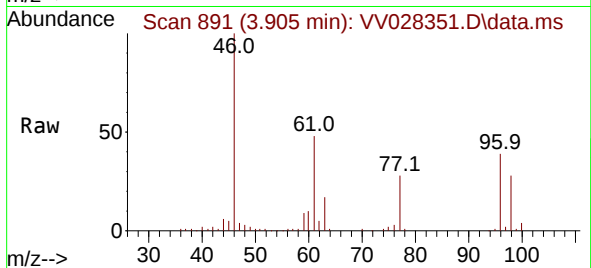
Acq: 05 Oct 2022 01:47

Instrument :

MSVOA_V

ClientSampleId :

EXFX6



Tgt Ion: 96 Resp: 3393

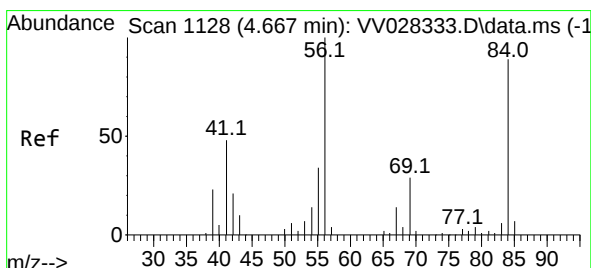
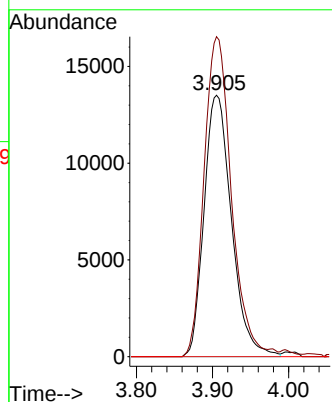
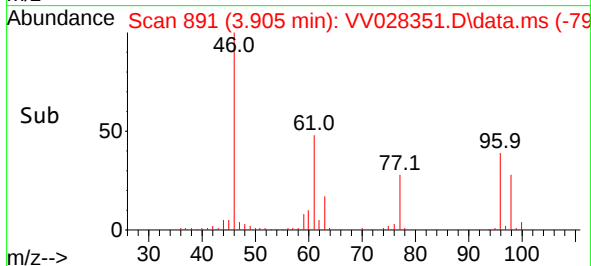
Ion	Ratio	Lower	Upper
96	100		
61	122.4	87.2	161.9
68	0.0	0.0	0.0

Manual Integrations

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#30

Cyclohexane

Concen: 0.137 ug/L

RT: 4.667 min Scan# 1128

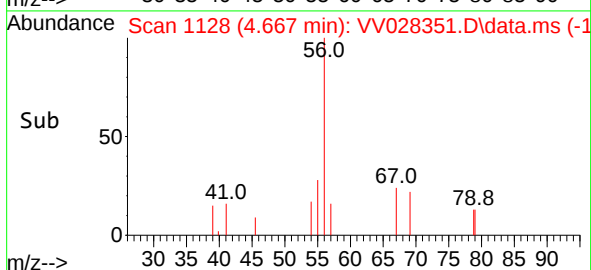
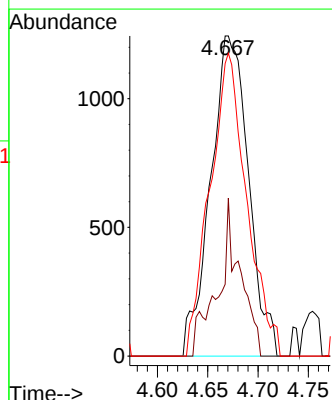
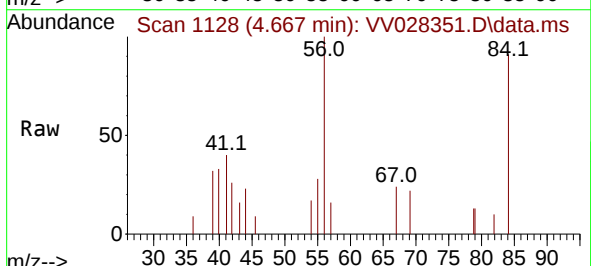
Delta R.T. 0.000 min

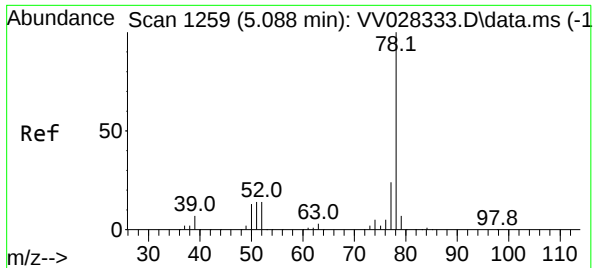
Lab File: VV028351.D

Acq: 05 Oct 2022 01:47

Tgt Ion: 56 Resp: 3267

Ion	Ratio	Lower	Upper
56	100		
69	25.5	23.7	35.5
84	91.6	67.3	100.9





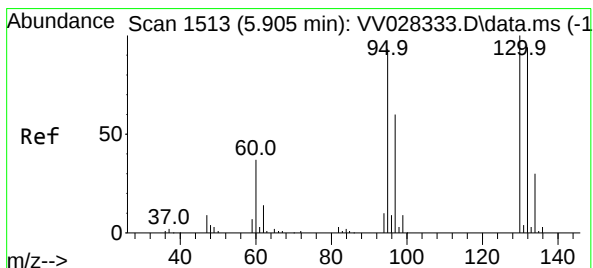
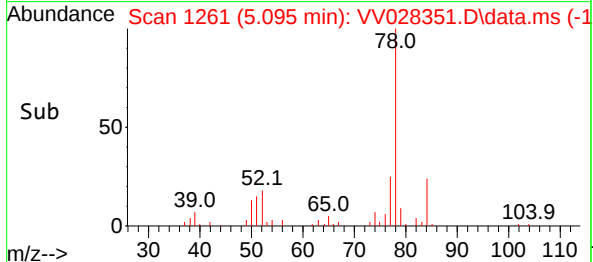
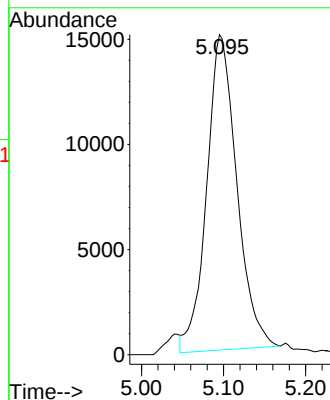
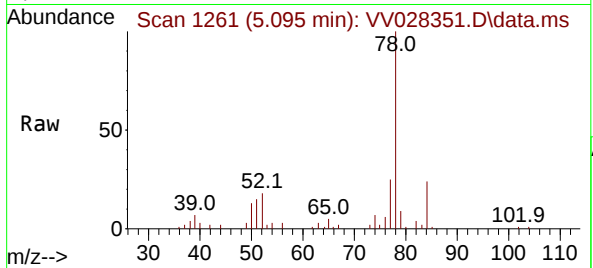
#33
Benzene
Concen: 0.575 ug/L
RT: 5.095 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :
EXFX6

Tgt Ion: 78 Resp: 38290

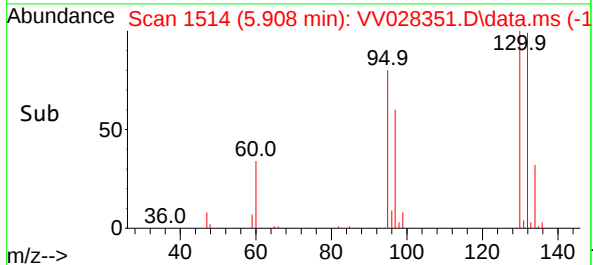
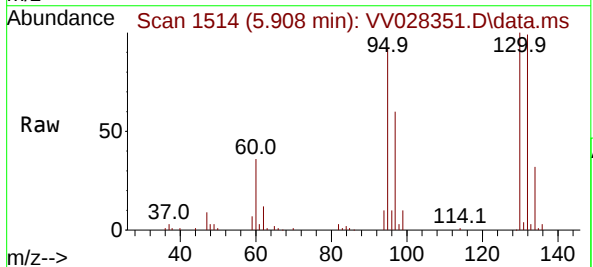
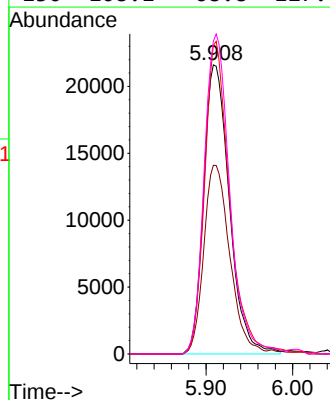
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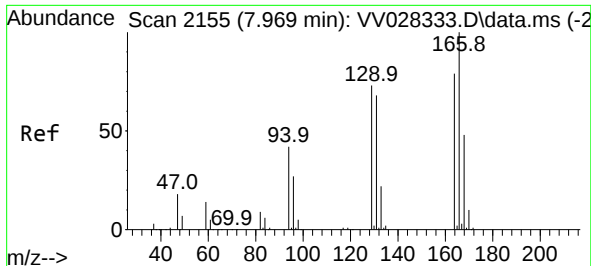
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#34
Trichloroethene
Concen: 2.678 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

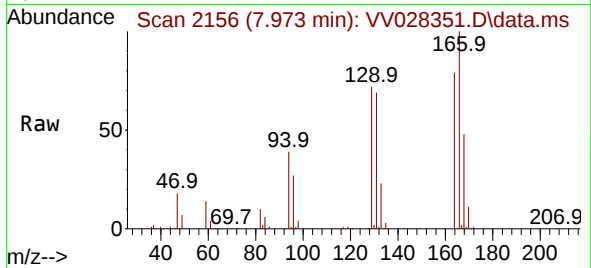
Tgt Ion: 95 Resp: 44644
Ion Ratio Lower Upper
95 100
97 65.2 44.2 82.0
132 106.7 67.8 126.0
130 108.1 68.8 127.8





#47
Tetrachloroethene
Concen: 5.154 ug/L
RT: 7.973 min Scan# 2155
Delta R.T. 0.004 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

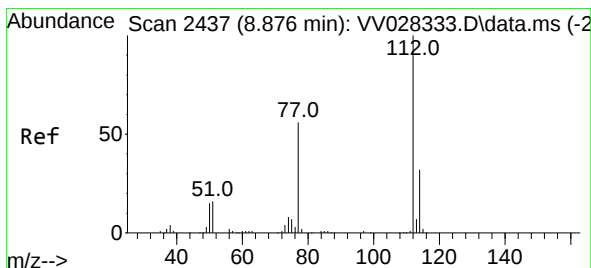
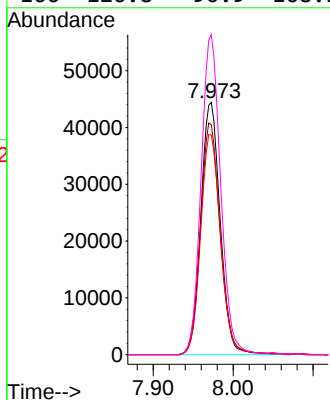
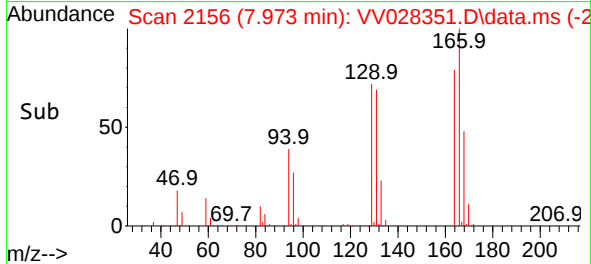
Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 75094
Ion Ratio Lower Upper
164 100
129 91.2 66.7 123.9
131 87.0 61.7 114.5
166 126.8 90.9 168.9

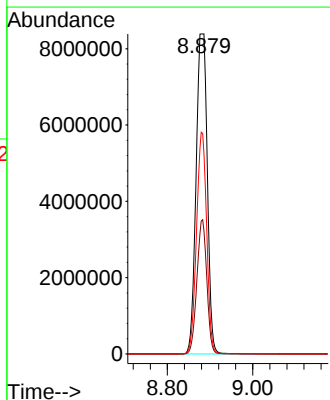
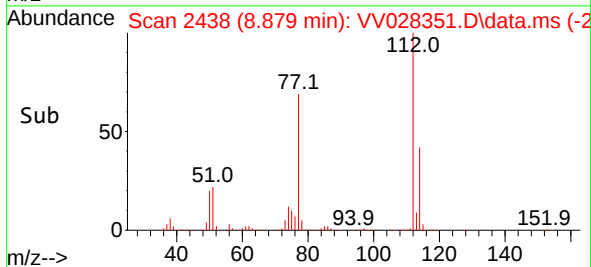
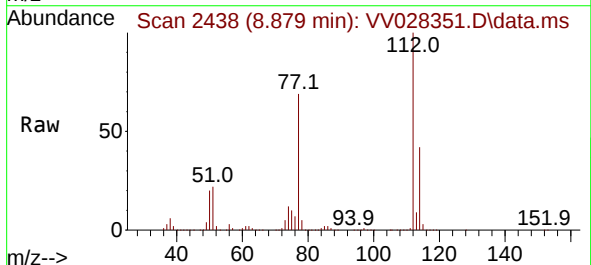
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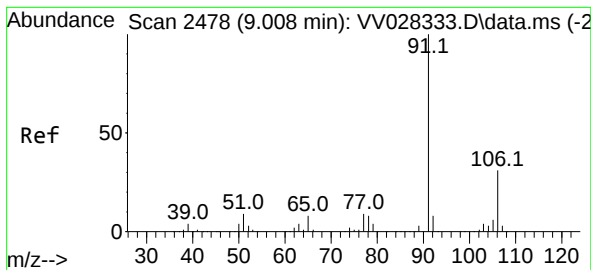
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#51
Chlorobenzene
Concen: 328.310 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion:112 Resp:15298306
Ion Ratio Lower Upper
112 100
114 41.6 22.5 41.7
77 69.3 46.1 69.1#





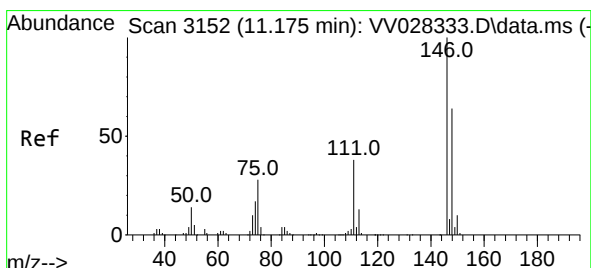
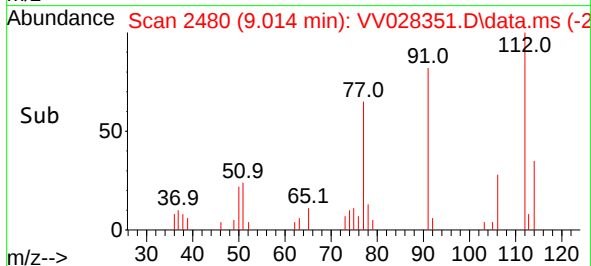
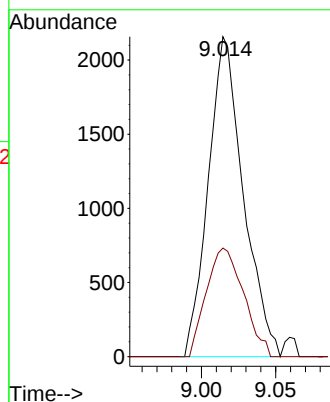
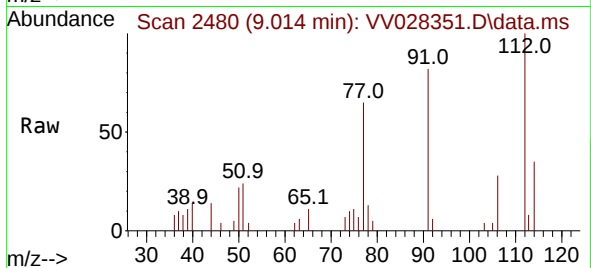
#52
Ethylbenzene
Concen: 0.048 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.007 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 91 Resp: 354
Ion Ratio Lower Upper
91 100
106 34.0 21.5 39.9

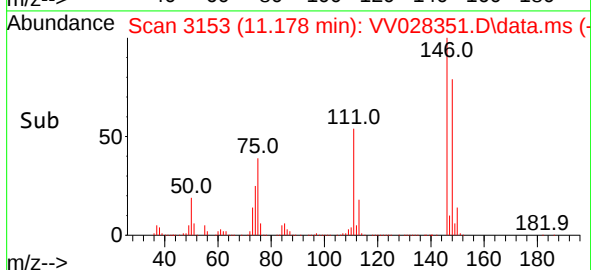
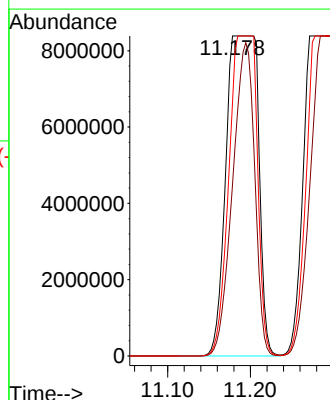
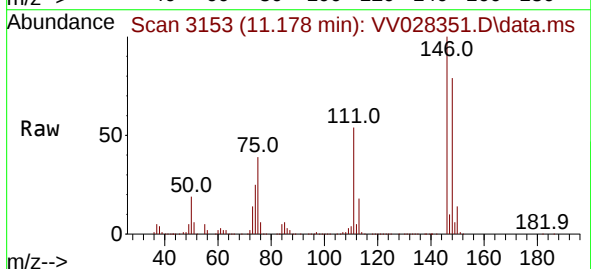
Manual Integrations
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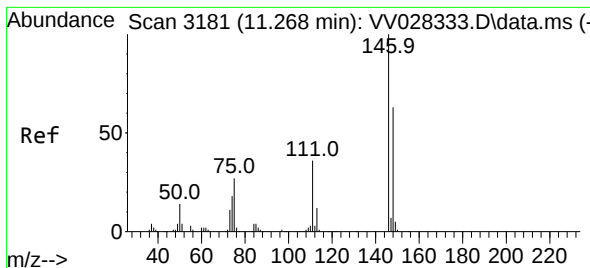
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#64
1,3-Dichlorobenzene
Concen: 443.689 ug/L m
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion:146 Resp:22695573
Ion Ratio Lower Upper
146 100
111 53.6 27.1 50.3#
148 79.2 45.7 84.9





#65

1,4-Dichlorobenzene

Concen: 603.331 ug/L m

RT: 11.272 min Scan# 3181

Delta R.T. 0.003 min

Lab File: VV028351.D

Acq: 05 Oct 2022 01:47

Instrument :

MSVOA_V

ClientSampleId :

EXFX6

Tgt Ion:146 Resp:3090194

Ion Ratio Lower Upper

146 100

111 52.3 26.2 48.8

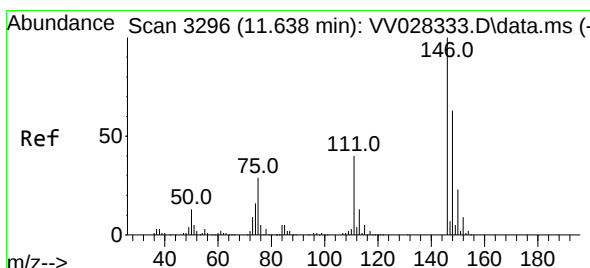
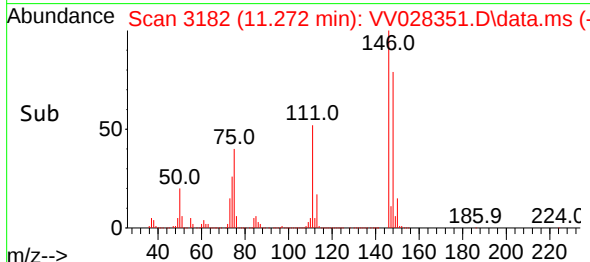
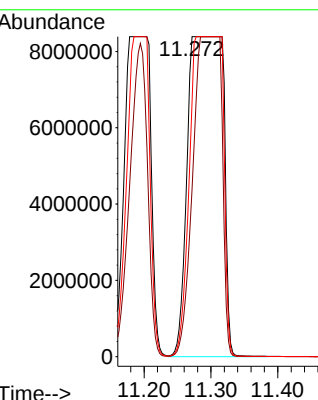
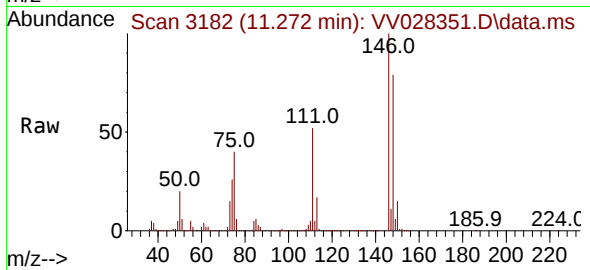
148 79.4 45.8 85.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#67

1,2-Dichlorobenzene

Concen: 669.593 ug/L m

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV028351.D

Acq: 05 Oct 2022 01:47

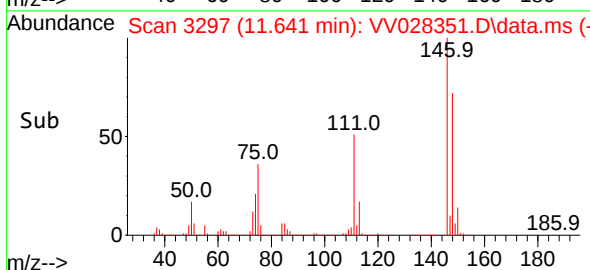
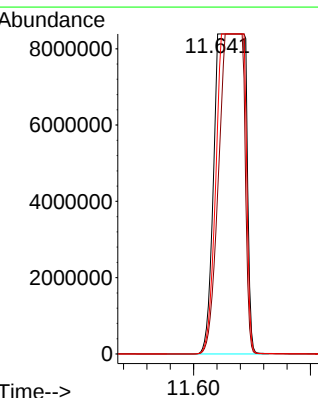
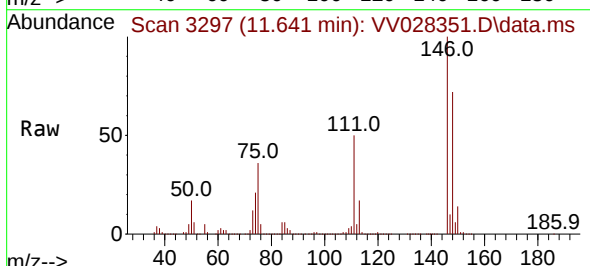
Tgt Ion:146 Resp:31064139

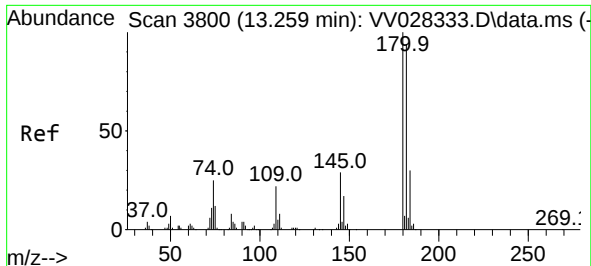
Ion Ratio Lower Upper

146 100

111 50.5 32.6 49.0

148 72.2 50.1 75.1





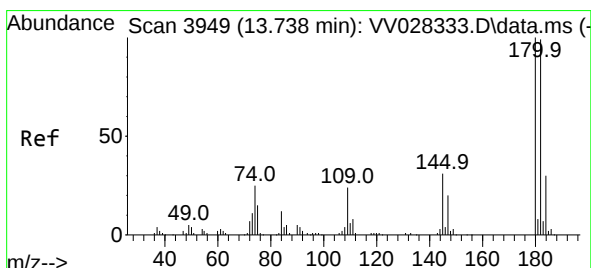
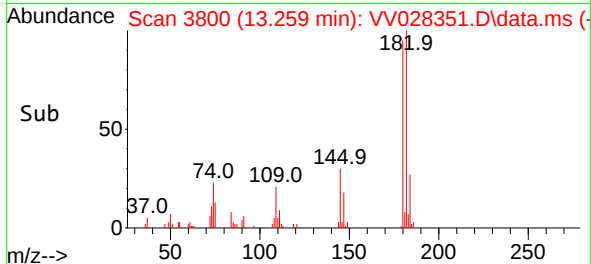
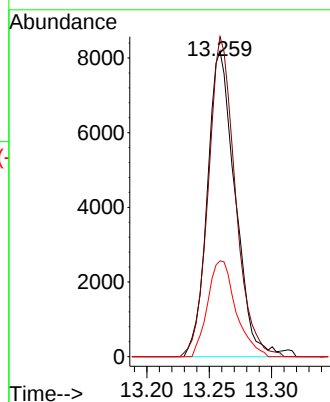
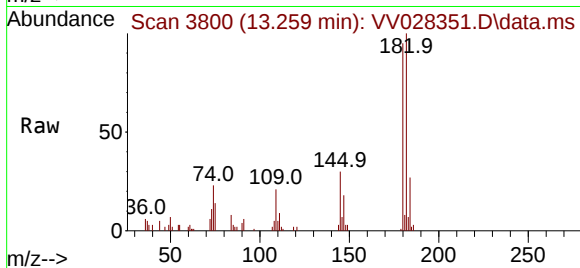
#70
1,2,4-trichlorobenzene
Concen: 0.412 ug/L
RT: 13.259 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Instrument :
MSVOA_V
ClientSampleId :
EXFX6

Tgt Ion:180 Resp: 12704
Ion Ratio Lower Upper
180 100
182 101.7 76.3 114.5
145 31.8 22.9 34.3

Manual Integrations
APPROVED

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



#72
1,2,3-Trichlorobenzene
Concen: 0.156 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV028351.D
Acq: 05 Oct 2022 01:47

Tgt Ion:180 Resp: 4335
Ion Ratio Lower Upper
180 100
182 94.6 77.4 116.0
145 32.8 24.6 36.8

