

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028346.D
 Acq On : 04 Oct 2022 23:46
 Operator : SY/MD
 Sample : N4872-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX1

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 04:17:44 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	186320	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	195282	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	127978	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	51882	3.706	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.200%
7) Chloroethane-d5	1.561	69	48994	4.134	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.101	63	78761	2.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.600%#
20) 2-Butanone-d5	3.896	46	139617	58.942	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.880%
24) Chloroform-d	4.339	84	114318	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.027	65	55545	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.043	84	229162	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.063	67	72857	4.741	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.310	98	190623	3.869	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	7.622	79	22995	3.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.600%
46) 2-Hexanone-d5	8.088	63	120033	50.105	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	54682	4.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.641	152	116268	5.279	ug/L	0.02
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	3022	0.189	ug/L	# 1
13) Acetone	2.188	43	133779	86.009	ug/L	96
18) trans-1,2-Dichloroethene	2.754	96	18925	1.360	ug/L	97
22) cis-1,2-Dichloroethene	3.902	96	27978	1.996	ug/L	91
30) Cyclohexane	4.670	56	6631	0.320	ug/L	93
33) Benzene	5.092	78	382691	6.583	ug/L	100
34) Trichloroethene	5.912	95	17270	1.186	ug/L	98
42) Toluene	7.391	91	18865	0.308	ug/L	97
47) Tetrachloroethene	7.973	164	56029	4.404	ug/L	96
51) Chlorobenzene	8.876	112	18735978m	460.564	ug/L	
53) m,p-Xylene	9.140	106	1395	0.054	ug/L	75
64) 1,3-Dichlorobenzene	11.185	146	13244023	344.268	ug/L	93
65) 1,4-Dichlorobenzene	11.272	146	20189998m	524.139	ug/L	
67) 1,2-Dichlorobenzene	11.641	146	28242612m	809.462	ug/L	
70) 1,2,4-trichlorobenzene	13.259	180	1151833	49.672	ug/L	100
72) 1,2,3-Trichlorobenzene	13.738	180	226728	10.846	ug/L	99

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

Instrument :
MSVOA_V
ClientSampleId :
EXFX1

Manual Integrations
APPROVED

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

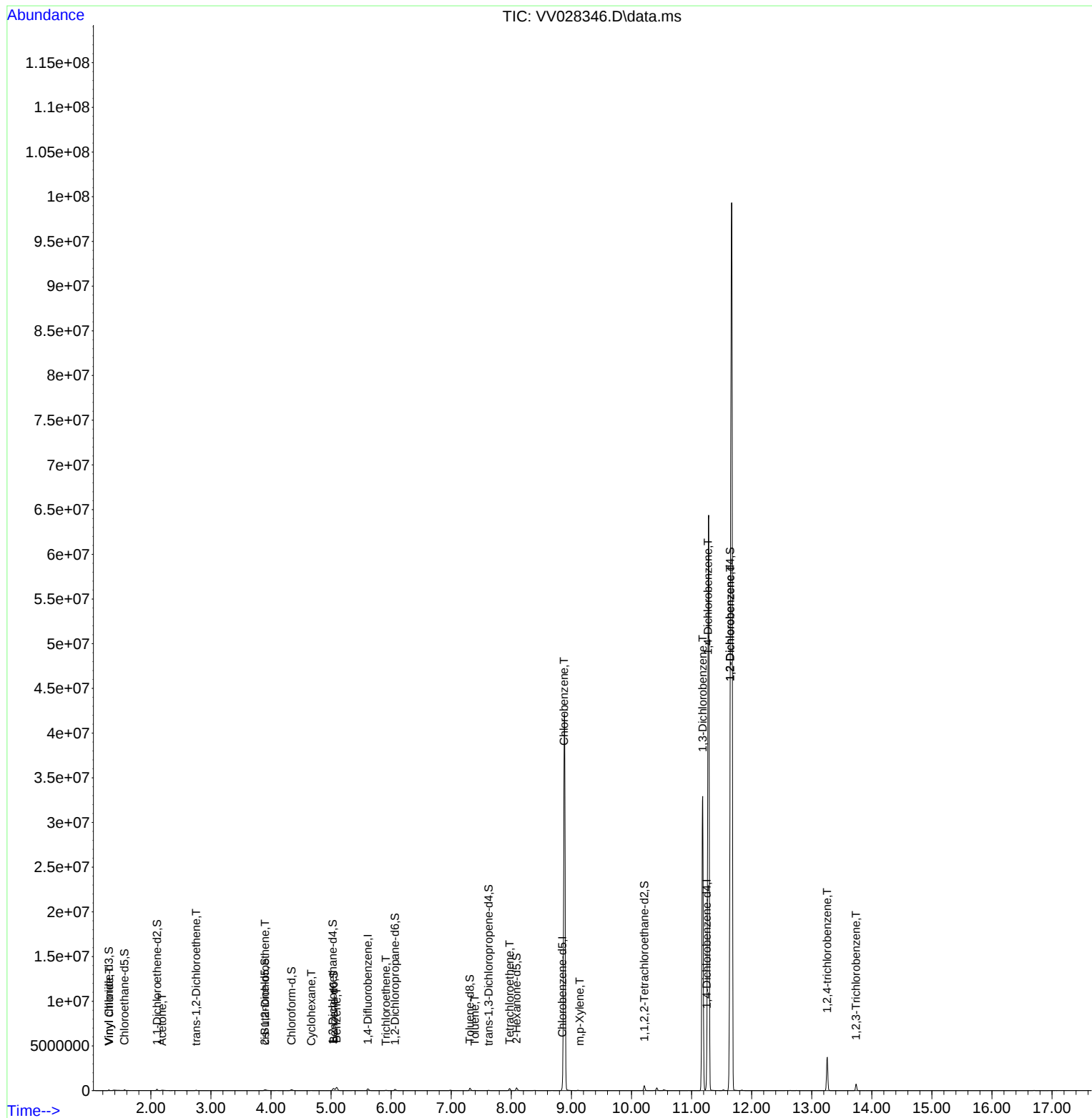
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
Data File : VV028346.D
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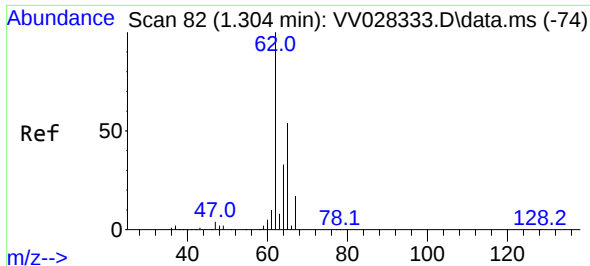
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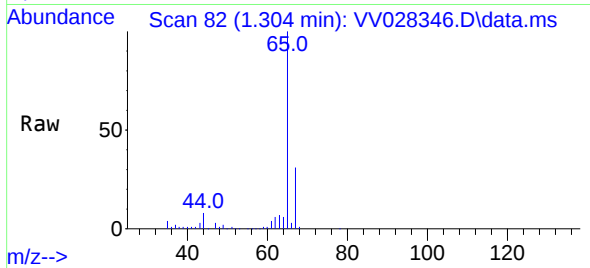
Quant Time: Oct 05 04:17:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.189 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028346.D
 Acq: 04 Oct 2022 23:46

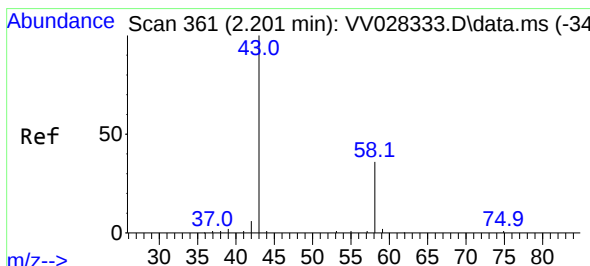
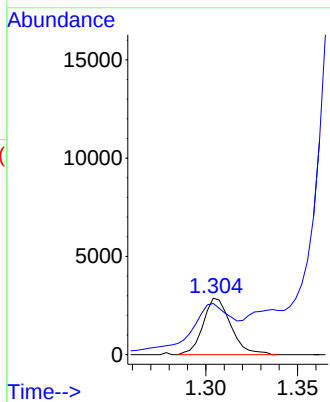
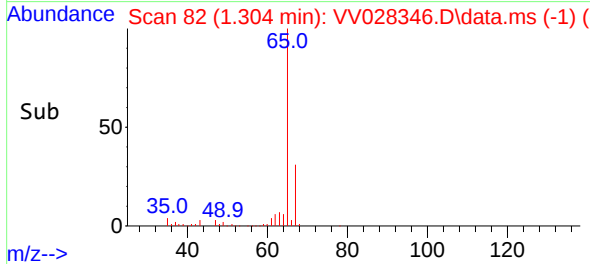
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFX1



Tgt Ion: 62 Resp: 302
 Ion Ratio Lower Upper
 62 100
 64 90.8 23.0 42.8

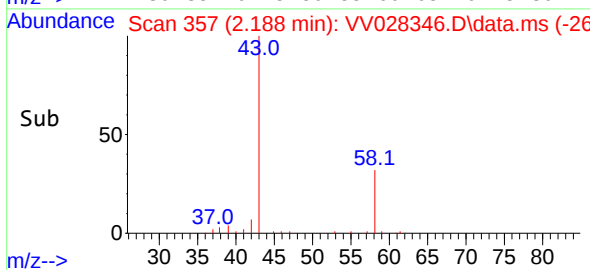
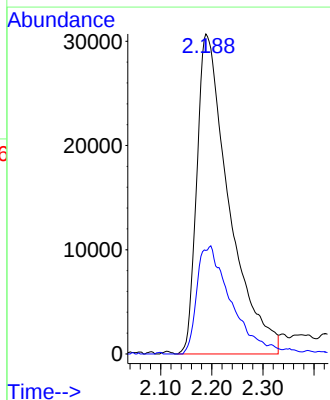
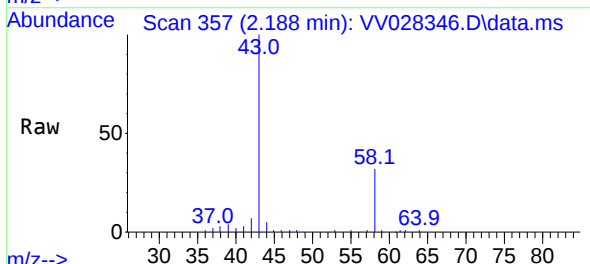
Manual Integrations
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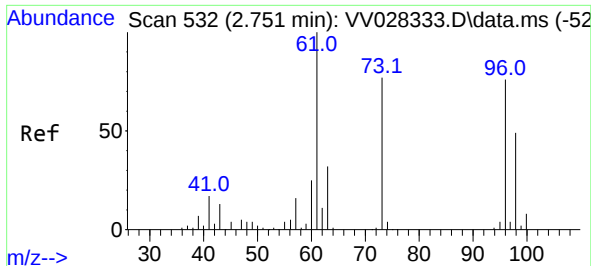
Reviewed By :Krupa Patel 10/05/2022
 Supervised By :Mahesh Dadoda 10/05/2022



#13
 Acetone
 Concen: 86.009 ug/L
 RT: 2.188 min Scan# 357
 Delta R.T. 0.013 min
 Lab File: VV028346.D
 Acq: 04 Oct 2022 23:46

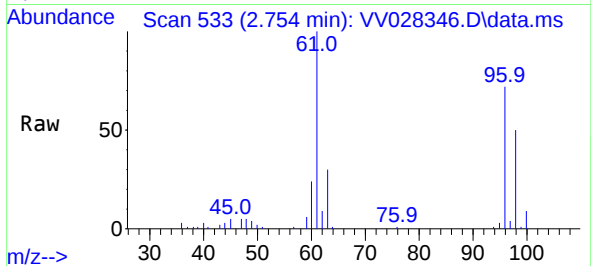
Tgt Ion: 43 Resp: 133779
 Ion Ratio Lower Upper
 43 100
 58 35.0 0.0 65.6





#18
trans-1,2-Dichloroethene
Concen: 1.360 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

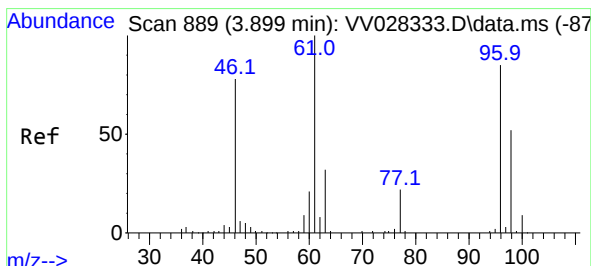
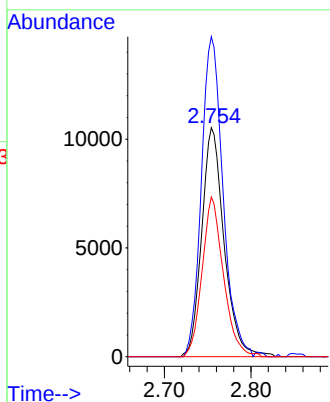
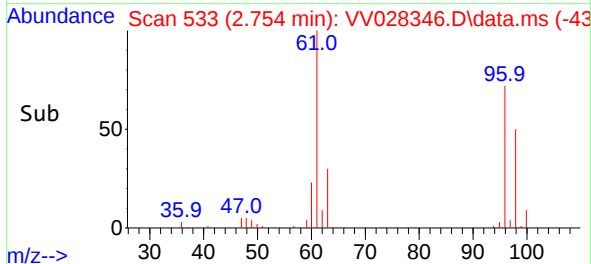
Instrument :
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ClientSampleId :
EXFX1



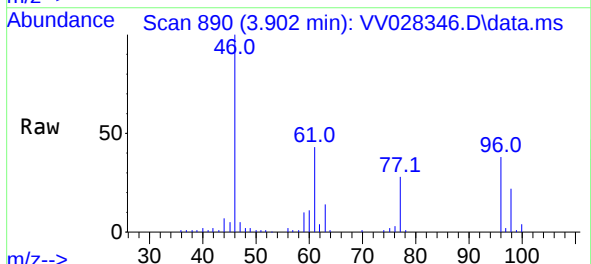
Tgt Ion: 96 Resp: 1892
Ion Ratio Lower Upper
96 100
61 139.8 96.2 178.6
98 69.7 45.7 84.9

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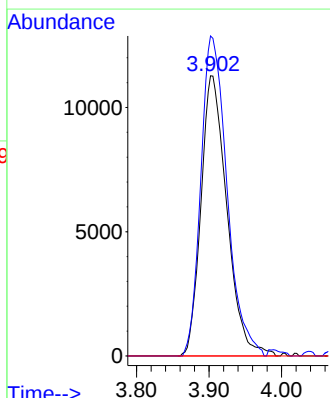
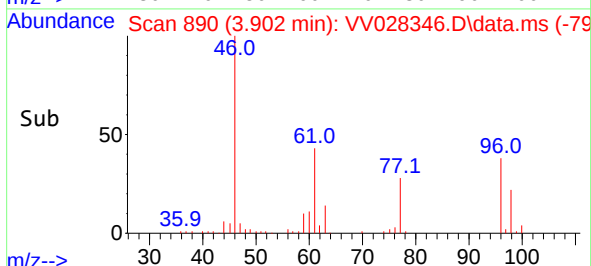
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

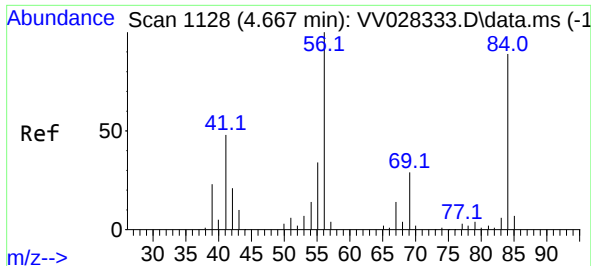


#22
cis-1,2-Dichloroethene
Concen: 1.996 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.003 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46



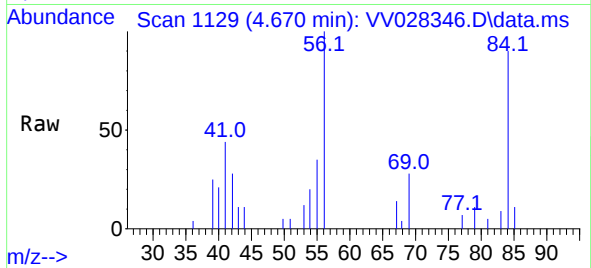
Tgt Ion: 96 Resp: 27978
Ion Ratio Lower Upper
96 100
61 114.2 87.2 161.9
68 0.0 0.0 0.0





#30
Cyclohexane
Concen: 0.320 ug/L
RT: 4.670 min Scan# 1128
Delta R.T. 0.003 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

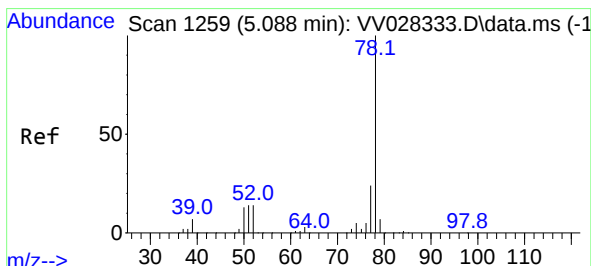
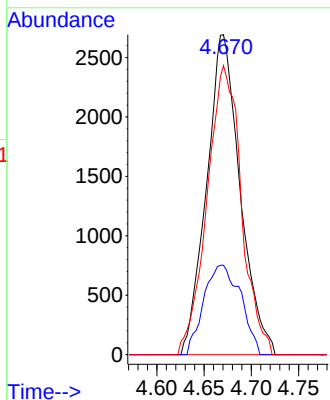
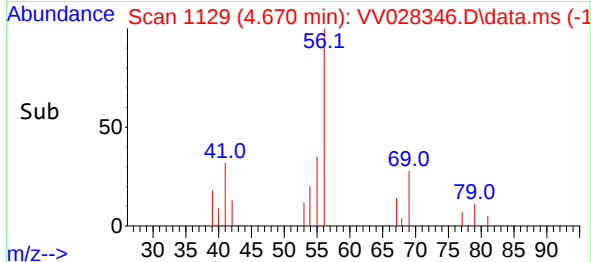
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Tgt Ion: 56 Resp: 663
Ion Ratio Lower Upper
56 100
69 30.8 23.7 35.5
84 92.4 67.3 100.9

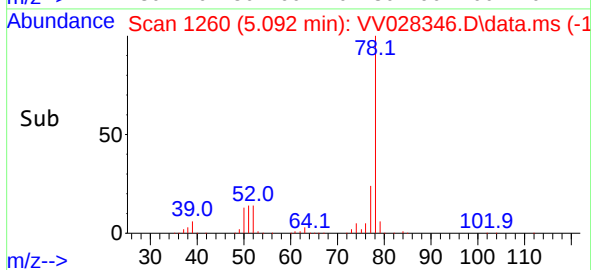
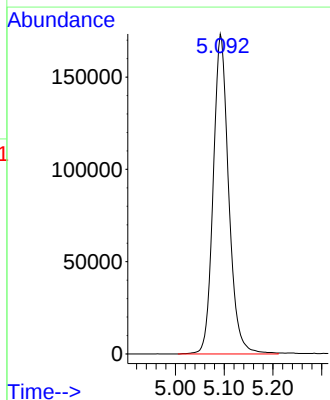
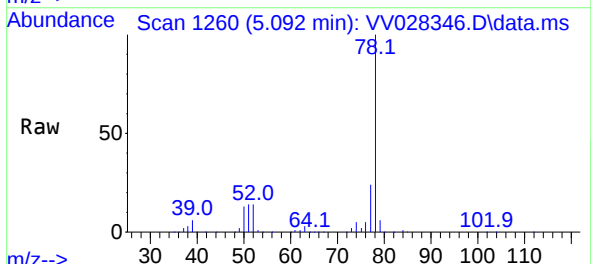
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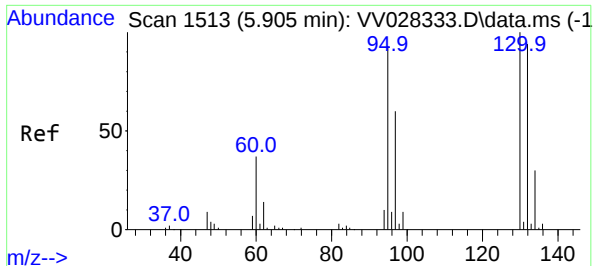
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#33
Benzene
Concen: 6.583 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

Tgt Ion: 78 Resp: 382691





#34

Trichloroethene

Concen: 1.186 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028346.D

Acq: 04 Oct 2022 23:46

Instrument :

MSVOA_V

ClientSampleId :

EXFX1

Tgt Ion: 95 Resp: 17270

Ion Ratio Lower Upper

95 100

97 63.8 44.2 82.0

132 99.6 67.8 126.0

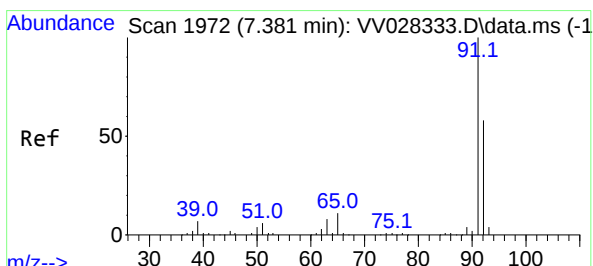
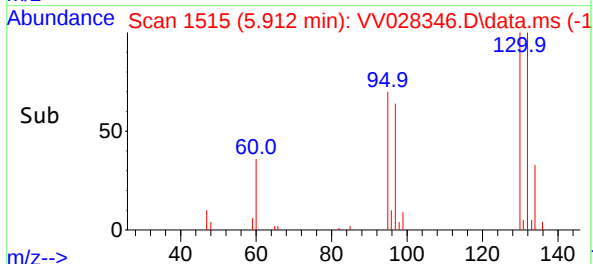
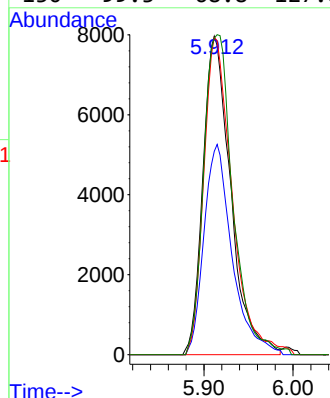
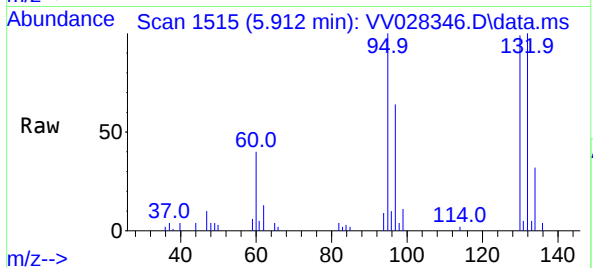
130 99.3 68.8 127.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/05/2022

Supervised By :Mahesh Dadoda 10/05/2022



#42

Toluene

Concen: 0.308 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.007 min

Lab File: VV028346.D

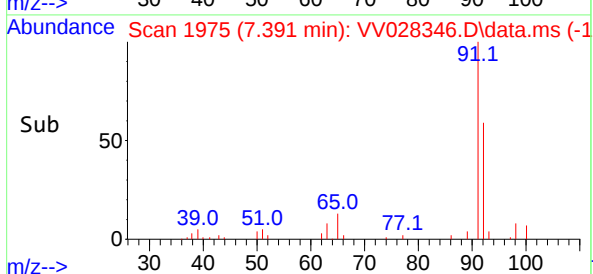
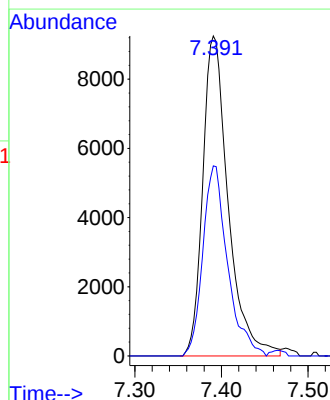
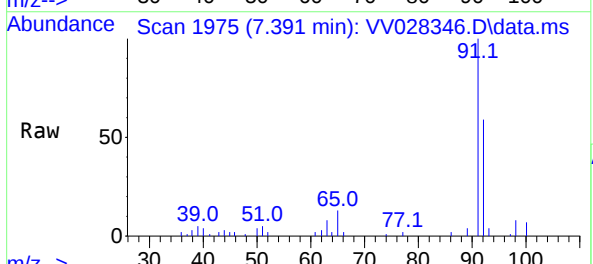
Acq: 04 Oct 2022 23:46

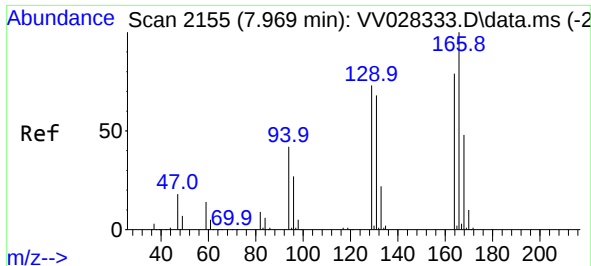
Tgt Ion: 91 Resp: 18865

Ion Ratio Lower Upper

91 100

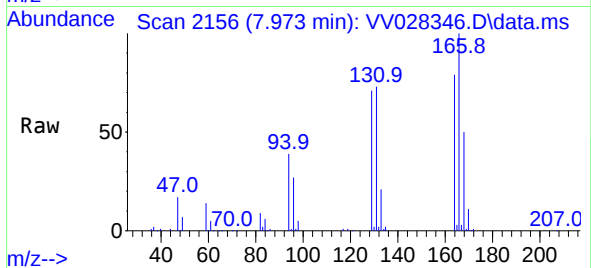
92 59.4 40.2 74.6





#47
Tetrachloroethene
Concen: 4.404 ug/L
RT: 7.973 min Scan# 2155
Delta R.T. 0.004 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

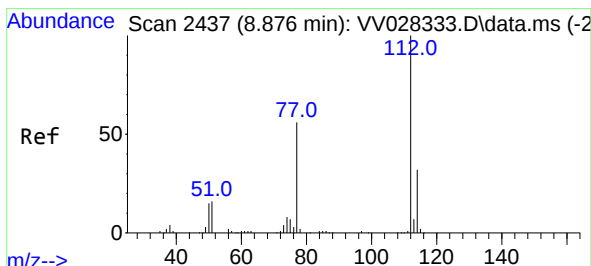
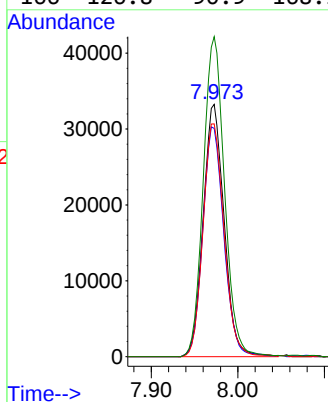
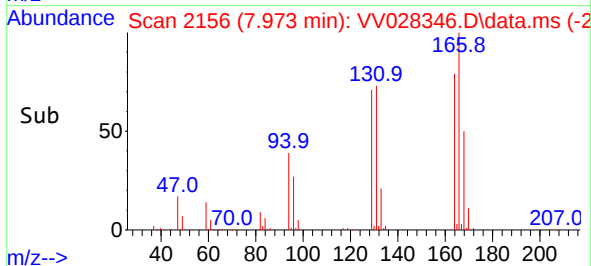
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Tgt Ion:164 Resp: 56029
Ion Ratio Lower Upper
164 100
129 90.5 66.7 123.9
131 92.2 61.7 114.5
166 126.8 90.9 168.9

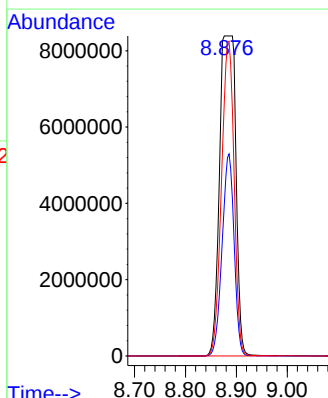
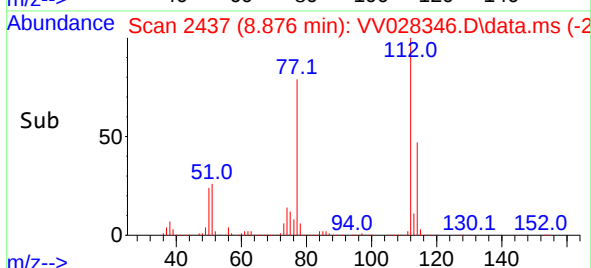
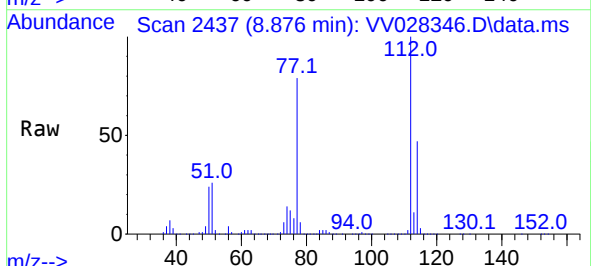
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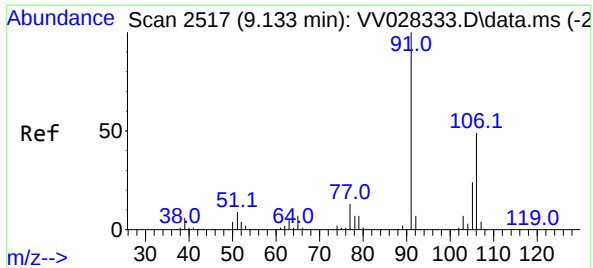
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#51
Chlorobenzene
Concen: 460.564 ug/L m
RT: 8.876 min Scan# 2437
Delta R.T. -0.003 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

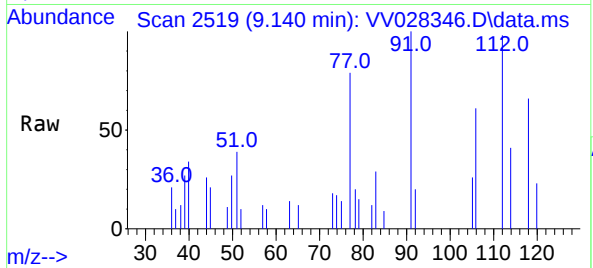
Tgt Ion:112 Resp:18735978
Ion Ratio Lower Upper
112 100
114 47.2 22.5 41.7#
77 79.1 46.1 69.1#





#53
m,p-Xylene
Concen: 0.054 ug/L
RT: 9.140 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

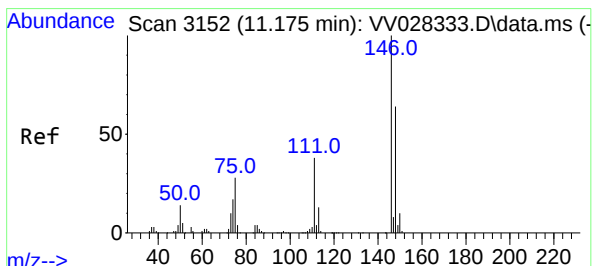
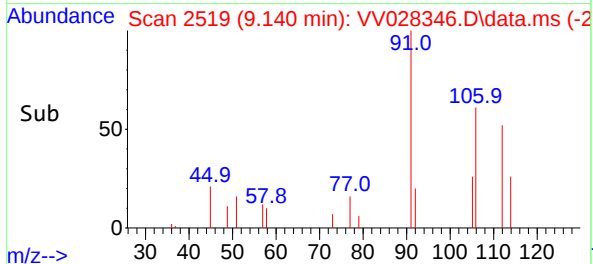
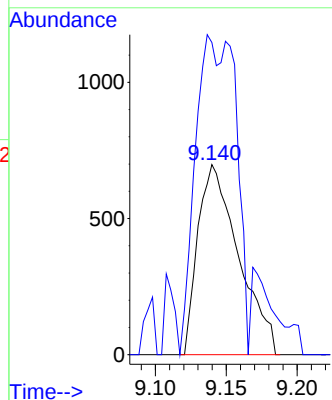
Instrument :
MSVOA_V
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EXFX1



Tgt Ion:106 Resp: 139
Ion Ratio Lower Upper
106 100
91 164.2 141.9 263.5

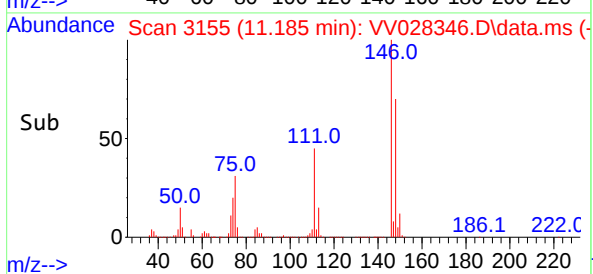
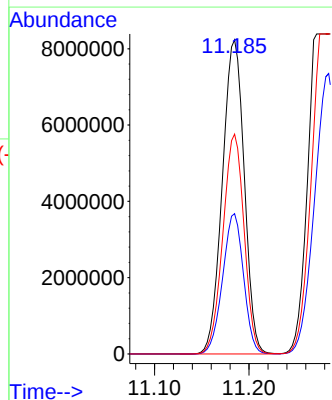
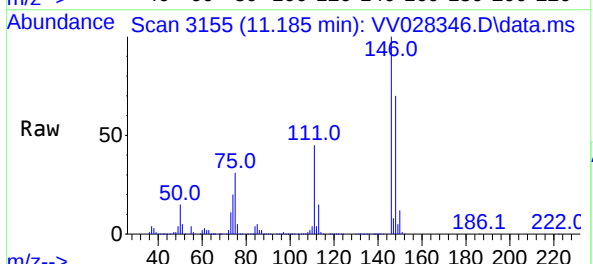
Manual Integrations
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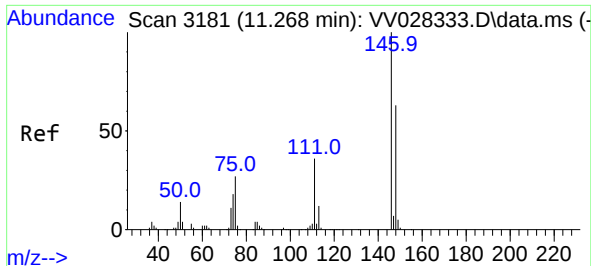
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022



#64
1,3-Dichlorobenzene
Concen: 344.268 ug/L
RT: 11.185 min Scan# 3155
Delta R.T. 0.007 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

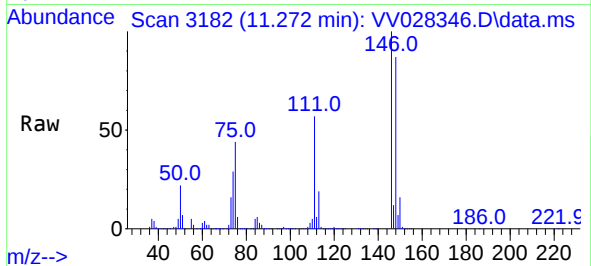
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Ion Ratio Lower Upper
146 100
111 44.7 27.1 50.3
148 70.0 45.7 84.9





#65
1,4-Dichlorobenzene
Concen: 524.139 ug/L m
RT: 11.272 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

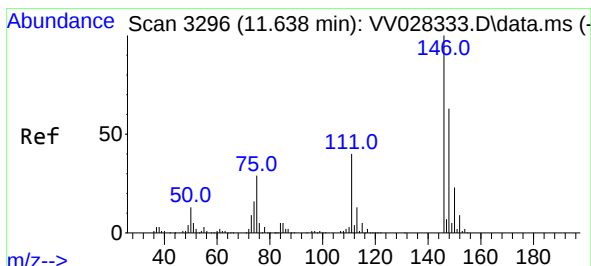
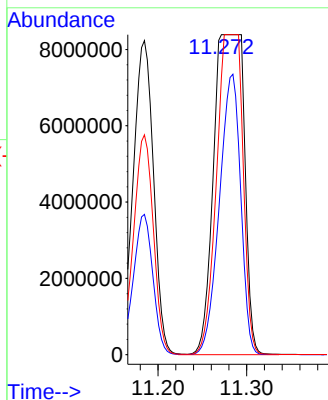
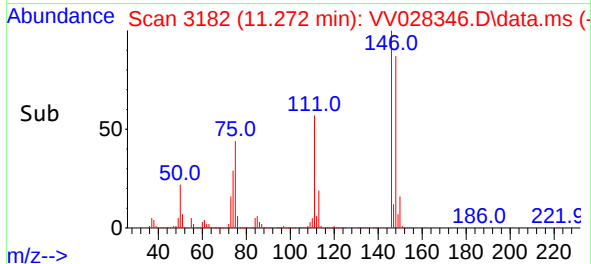
Instrument :
MSVOA_V
ClientSampleId :
EXFX1



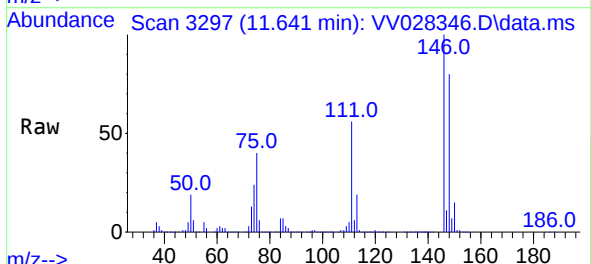
Tgt Ion:146 Resp:20189998
Ion Ratio Lower Upper
146 100
111 57.2 26.2 48.8#
148 86.6 45.8 85.2#

Manual Integrations
APPROVED

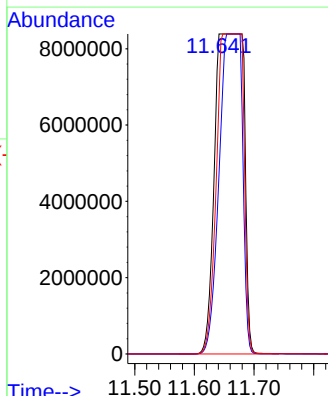
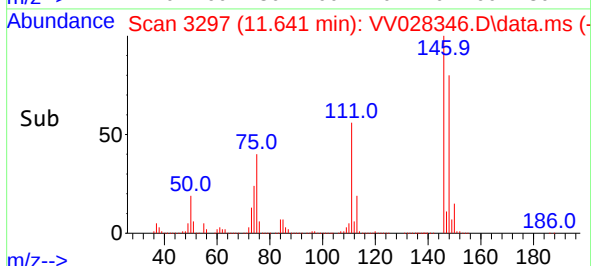
Reviewed By :Krupa Patel 10/05/2022
Supervised By :Mahesh Dadoda 10/05/2022

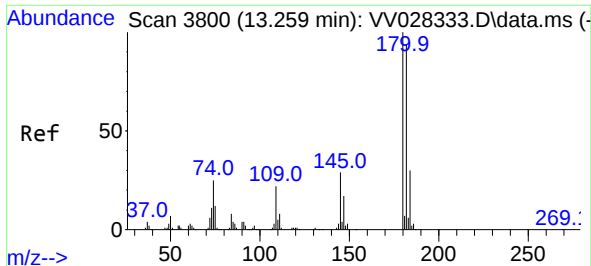


#67
1,2-Dichlorobenzene
Concen: 809.462 ug/L m
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46



Tgt Ion:146 Resp:28242612
Ion Ratio Lower Upper
146 100
111 56.1 32.6 49.0#
148 79.7 50.1 75.1#





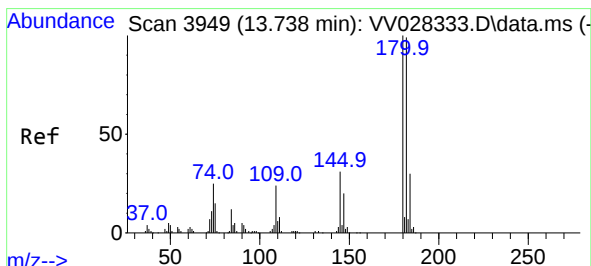
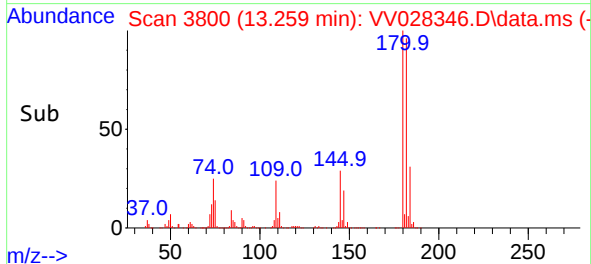
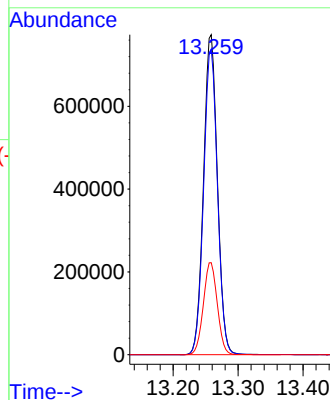
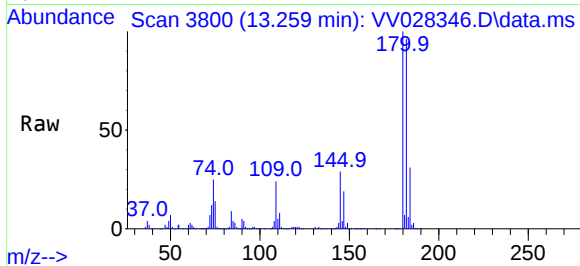
#70
1,2,4-trichlorobenzene
Concen: 49.672 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

Instrument :
MSVOA_V
ClientSampleId :
EXFX1

Tgt Ion:180 Resp: 115183
Ion Ratio Lower Upper
180 100
182 95.1 76.3 114.5
145 28.9 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: 10.846 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028346.D
Acq: 04 Oct 2022 23:46

Tgt Ion:180 Resp: 226728
Ion Ratio Lower Upper
180 100
182 96.1 77.4 116.0
145 31.2 24.6 36.8

