

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023823.D
 Acq On : 07 Dec 2021 15:19
 Operator : SY/MD
 Sample : M4879-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G21

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Mahesh Dadoda 12/08/2021

Quant Time: Dec 08 01:15:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	136251	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70114	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55743	4.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.568	69	41777	4.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.000%
11) 1,1-Dichloroethene-d2	2.108	63	73902	3.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.892	46	100684	74.879	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	149.760%#
24) Chloroform-d	4.349	84	96179	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.034	65	46769	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.050	84	191129	5.520	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.400%
36) 1,2-Dichloropropane-d6	6.069	67	53087	5.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.317	98	178845	5.528	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.600%
43) trans-1,3-Dichloroprop...	7.622	79	22069	5.640	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.800%
46) 2-Hexanone-d5	8.088	63	92384	71.056	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.120%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37743	5.403	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	72335	5.835	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.800%
Target Compounds						
13) Acetone	2.185	43	9830	8.124	ug/L	83
18) trans-1,2-Dichloroethene	2.764	96	4170	0.401	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	124663	12.502	ug/L	96
30) Cyclohexane	4.677	56	42000	3.030	ug/L	97
34) Trichloroethene	5.912	95	122195	12.587	ug/L	98
35) Methylcyclohexane	6.130	83	21272	1.405	ug/L	92
42) Toluene	7.391	91	53691	1.366	ug/L	96
47) Tetrachloroethene	7.976	164	692388	78.355	ug/L	98
52) Ethylbenzene	9.011	91	247743	6.030	ug/L	98
53) m,p-xylene	9.137	106	196762	12.033	ug/L	96
54) o-xylene	9.542	106	39162	2.518	ug/L	98
60) Isopropylbenzene	9.931	105	33057m	0.790	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	240943	6.916	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	1112038	32.280	ug/L	100

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

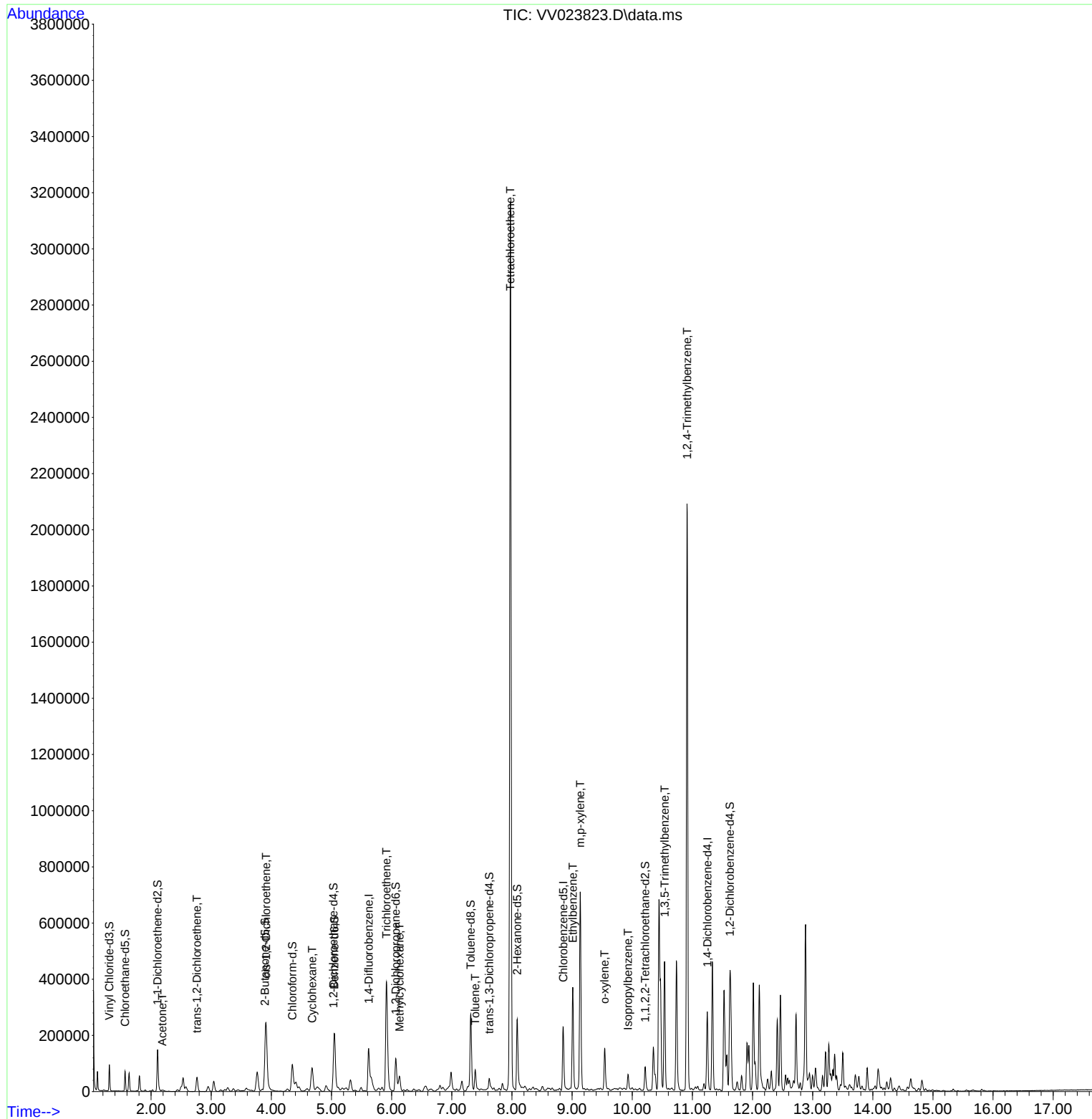
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023823.D
Acq On : 07 Dec 2021 15:19
Operator : SY/MD
Sample : M4879-02
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

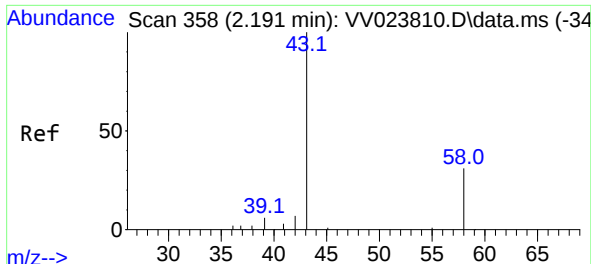
Instrument :
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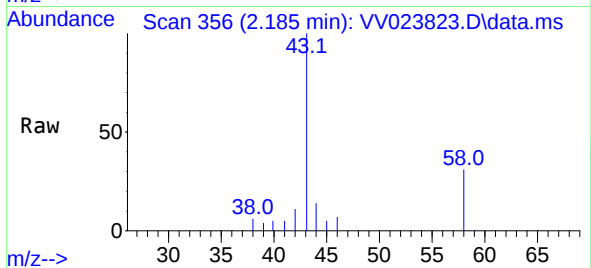
Quant Time: Dec 08 01:15:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#13
Acetone
Concen: 8.124 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.038 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

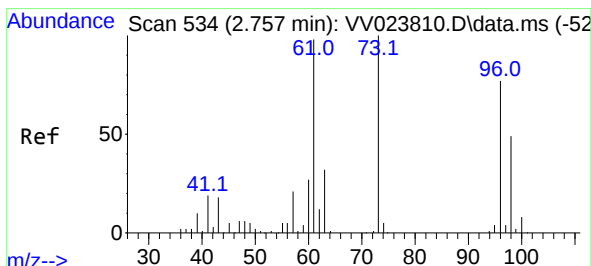
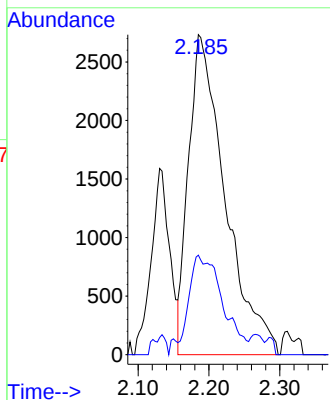
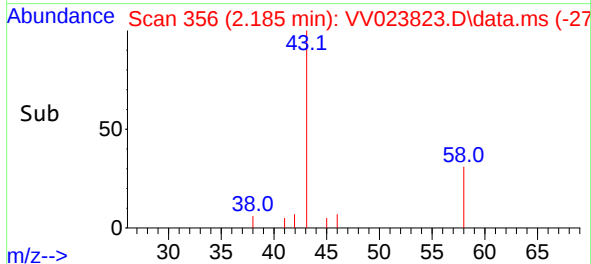
Instrument :
MSVOA_V
ClientSampleId :
C0G21



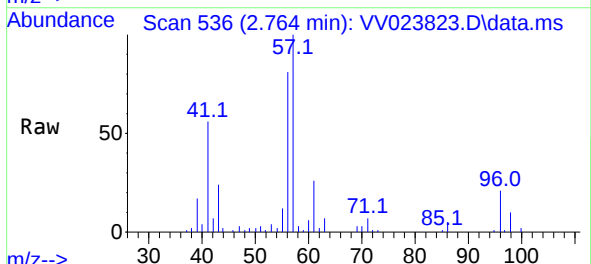
Tgt Ion: 43 Resp: 9830
Ion Ratio Lower Upper
43 100
58 28.4 0.0 41.4

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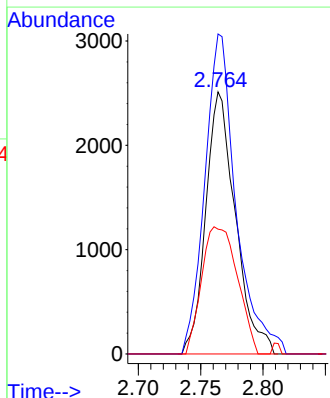
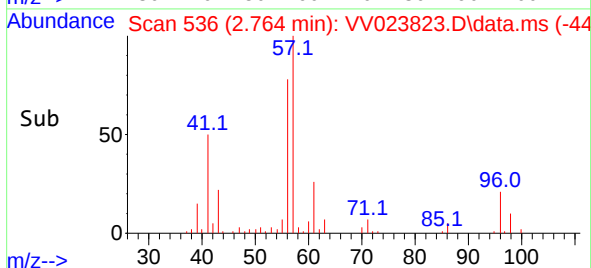
Reviewed By :John Carlone 12/08/2021
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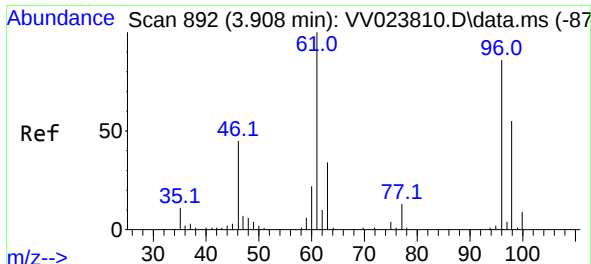


#18
trans-1,2-Dichloroethene
Concen: 0.401 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19



Tgt Ion: 96 Resp: 4170
Ion Ratio Lower Upper
96 100
61 122.1 88.2 163.8
98 47.6 44.9 83.5





#22

cis-1,2-Dichloroethene

Concen: 12.502 ug/L

RT: 3.912 min Scan# 892

Delta R.T. 0.003 min

Lab File: VV023823.D

Acq: 07 Dec 2021 15:19

Instrument :

MSVOA_V

ClientSampleId :

C0G21

Tgt Ion: 96 Resp: 12466

Ion Ratio Lower Upper

96 100

61 115.1 83.4 154.8

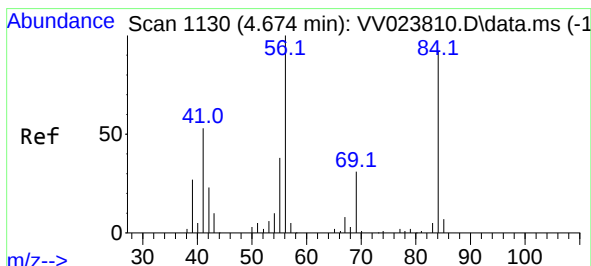
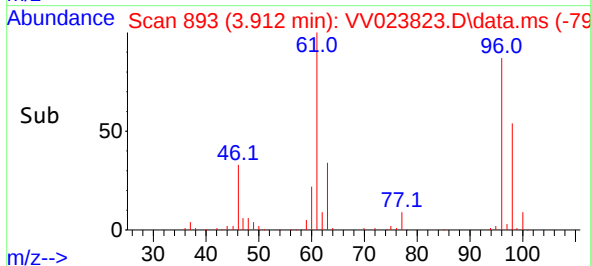
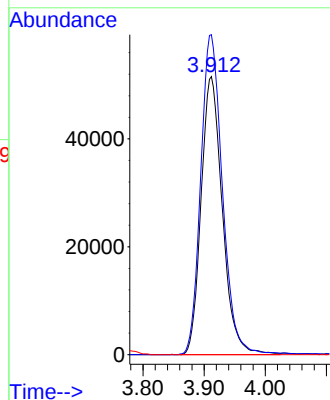
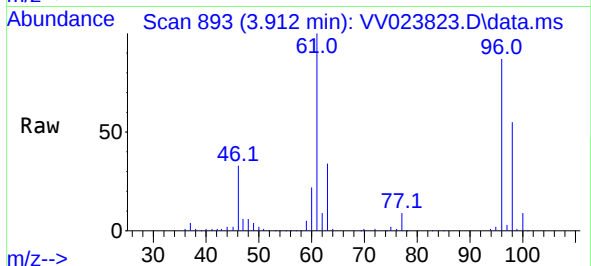
68 0.0 0.0 0.0

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#30

Cyclohexane

Concen: 3.030 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV023823.D

Acq: 07 Dec 2021 15:19

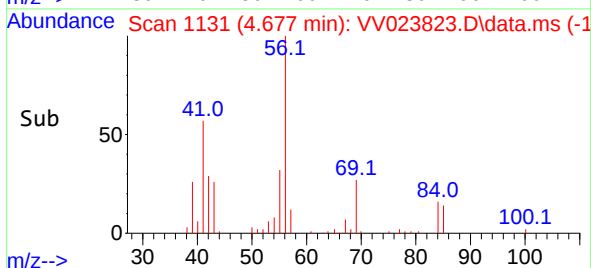
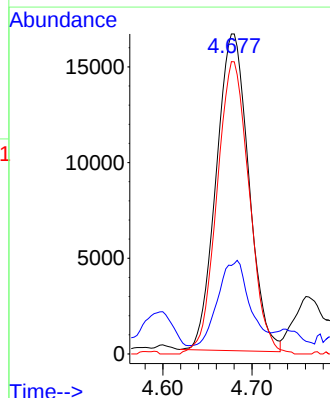
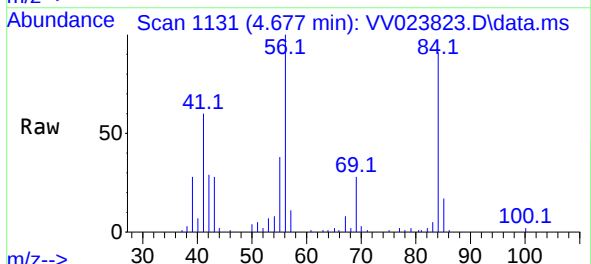
Tgt Ion: 56 Resp: 42000

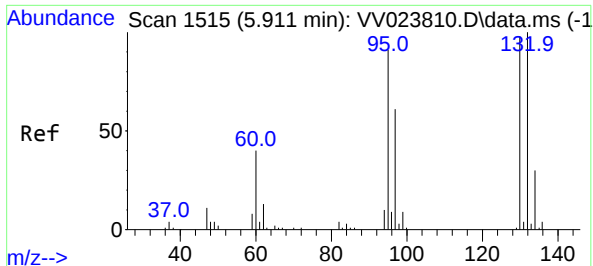
Ion Ratio Lower Upper

56 100

69 31.6 24.8 37.2

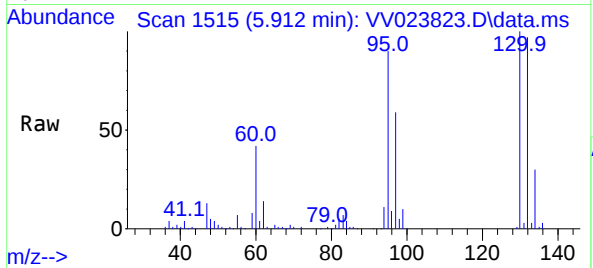
84 91.6 75.9 113.9





#34
Trichloroethene
Concen: 12.587 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

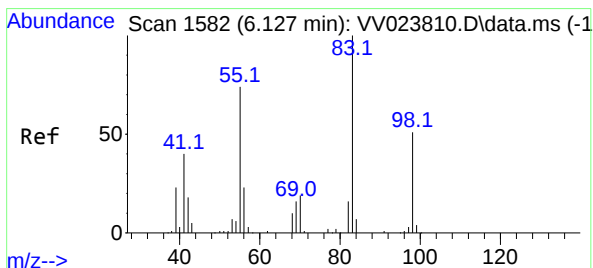
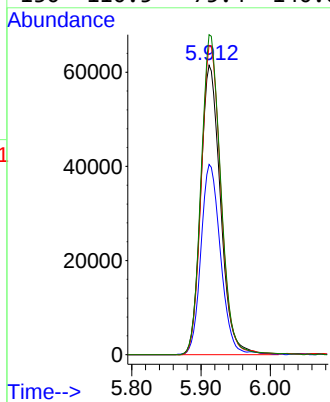
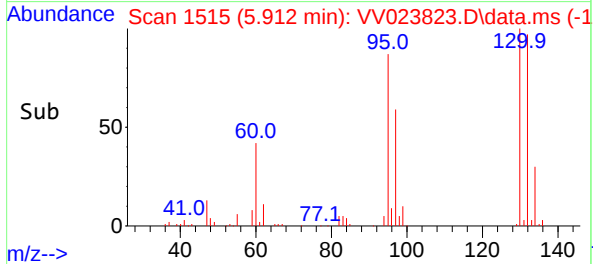
Instrument :
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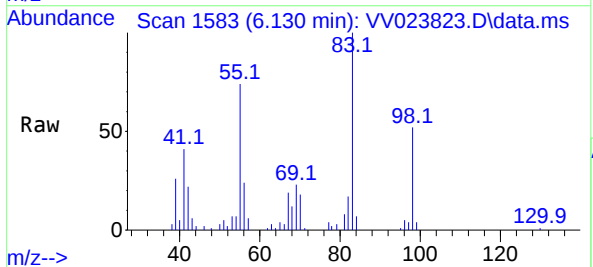
Tgt Ion: 95 Resp: 122195
Ion Ratio Lower Upper
95 100
97 65.7 45.2 84.0
132 106.9 76.1 141.3
130 110.5 75.4 140.0

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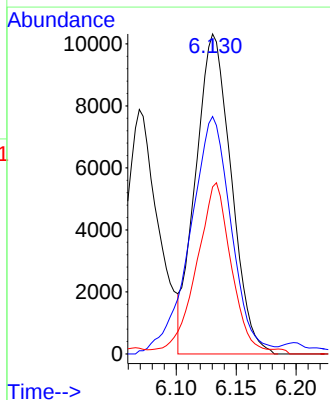
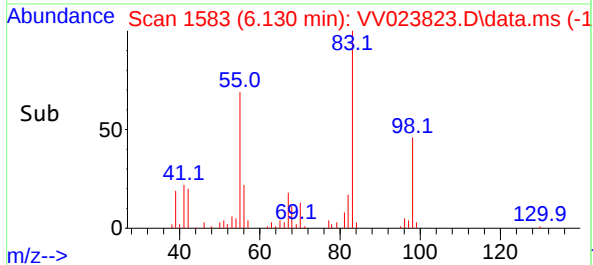
Reviewed By :John Carlone 12/08/2021
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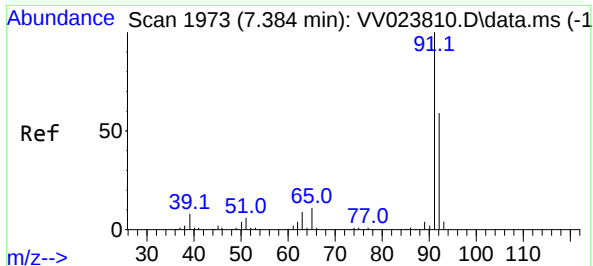


#35
Methylcyclohexane
Concen: 1.405 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19



Tgt Ion: 83 Resp: 21272
Ion Ratio Lower Upper
83 100
55 85.8 60.2 90.2
98 50.3 41.0 61.4





#42

Toluene

Concen: 1.366 ug/L

RT: 7.391 min Scan# 1973

Delta R.T. 0.007 min

Lab File: VV023823.D

Acq: 07 Dec 2021 15:19

Instrument :

MSVOA_V

ClientSampleId :

C0G21

Tgt Ion: 91 Resp: 5369

Ion Ratio Lower Upper

91 100

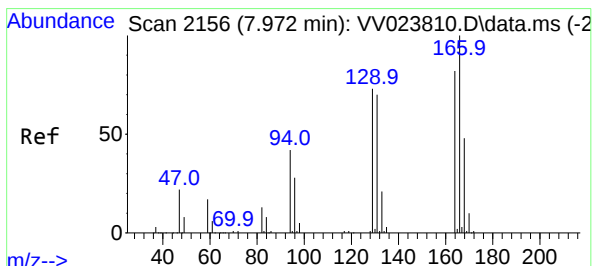
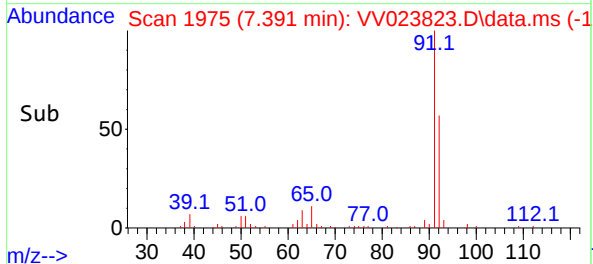
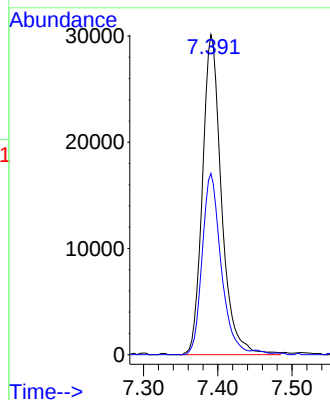
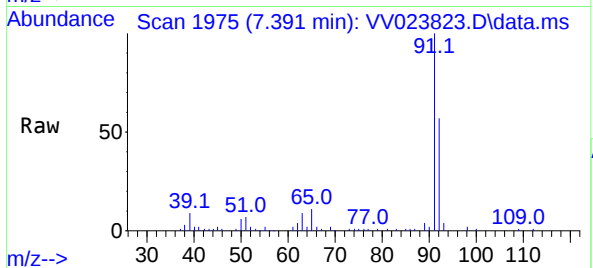
92 56.6 41.5 77.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/08/2021

Supervised By :Mahesh Dadoda 12/08/2021



#47

Tetrachloroethene

Concen: 78.355 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV023823.D

Acq: 07 Dec 2021 15:19

Tgt Ion:164 Resp: 692388

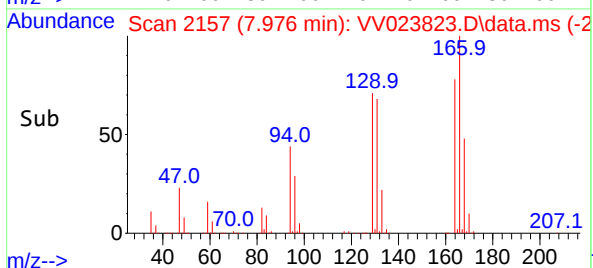
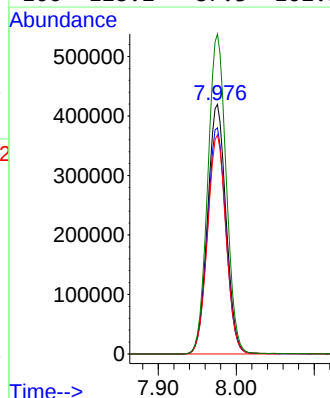
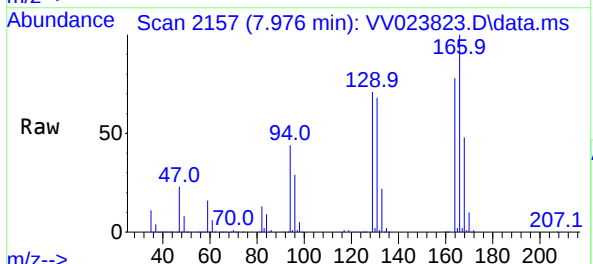
Ion Ratio Lower Upper

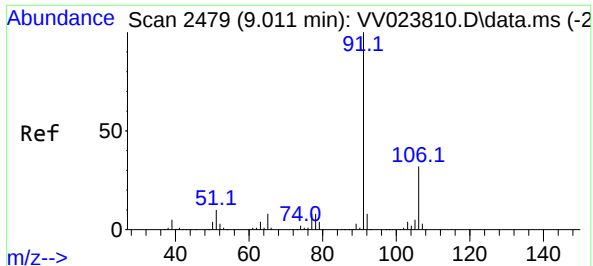
164 100

129 90.6 62.6 116.2

131 87.8 61.0 113.4

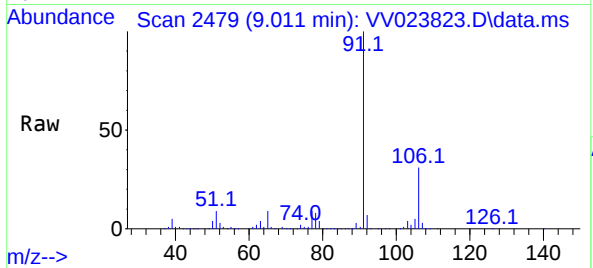
166 128.2 87.3 162.1





#52
Ethylbenzene
Concen: 6.030 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

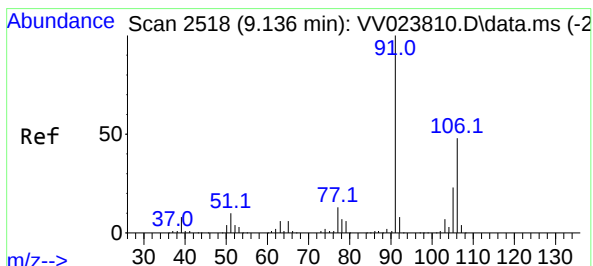
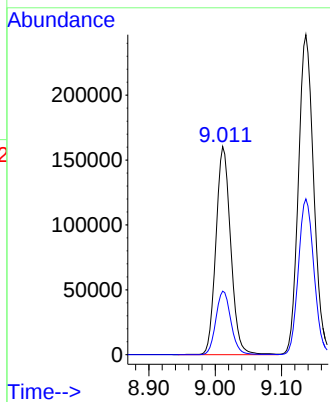
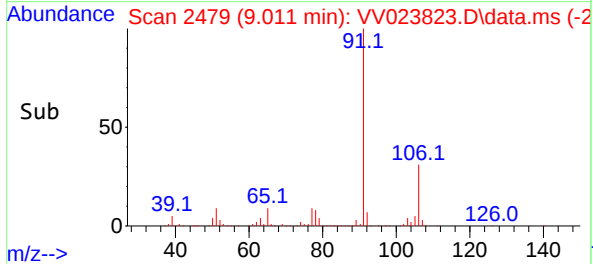
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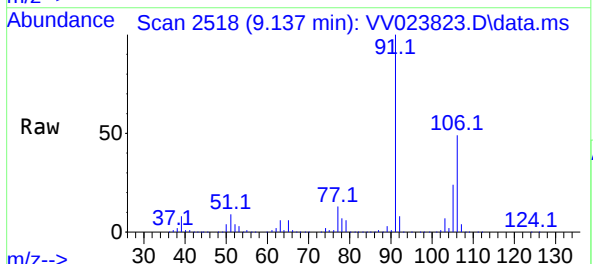
Tgt Ion: 91 Resp: 24774
Ion Ratio Lower Upper
91 100
106 30.5 22.0 41.0

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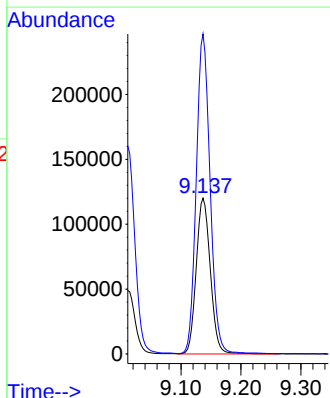
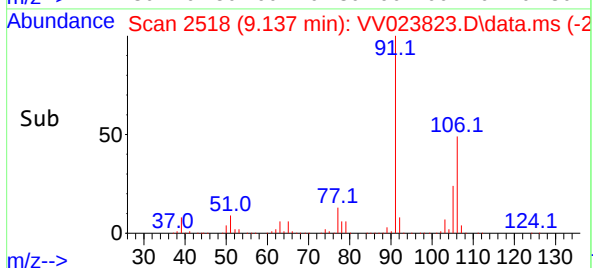
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021

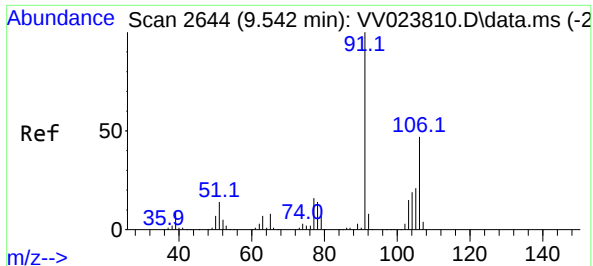


#53
m,p-xylene
Concen: 12.033 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19



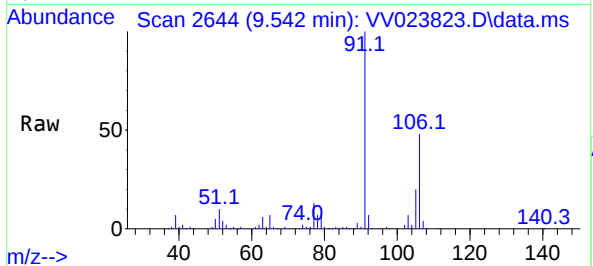
Tgt Ion:106 Resp: 196762
Ion Ratio Lower Upper
106 100
91 205.2 139.5 259.1





#54
o-xylene
Concen: 2.518 ug/L
RT: 9.542 min Scan# 206
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

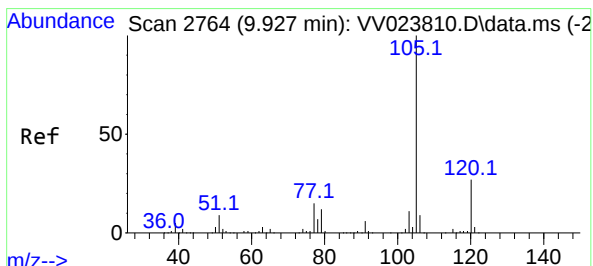
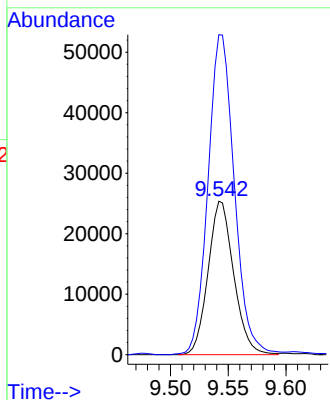
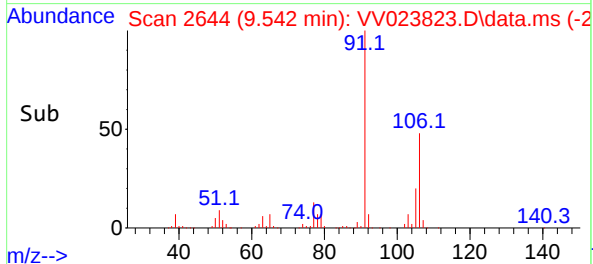
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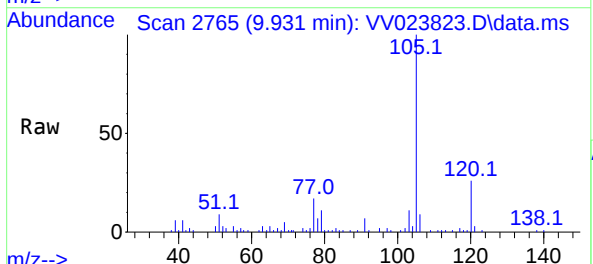
Tgt Ion:106 Resp: 39162
Ion Ratio Lower Upper
106 100
91 208.5 147.9 274.7

Manual Integrations
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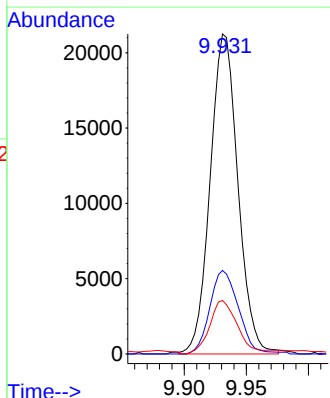
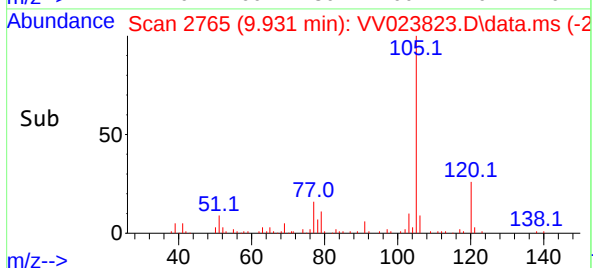
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021

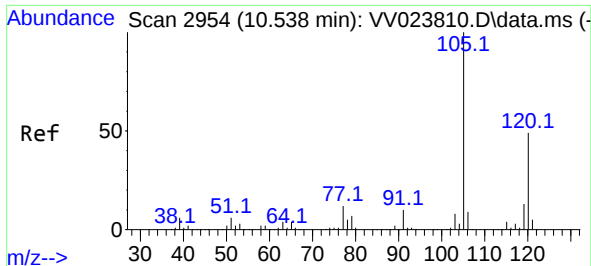


#60
Isopropylbenzene
Concen: 0.790 ug/L m
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19



Tgt Ion:105 Resp: 33057
Ion Ratio Lower Upper
105 100
120 572.0 21.4 32.0#
77 210.9 12.2 18.4#





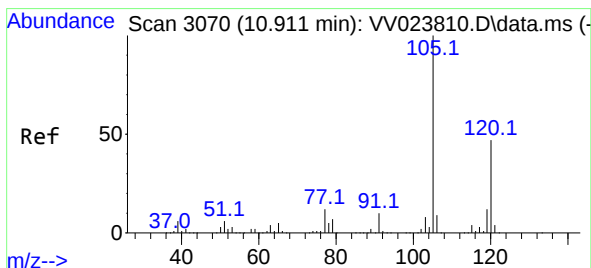
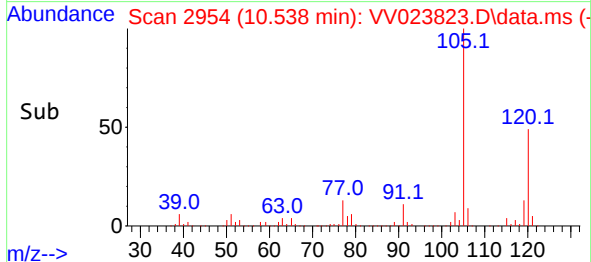
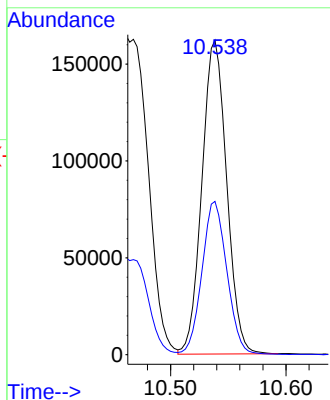
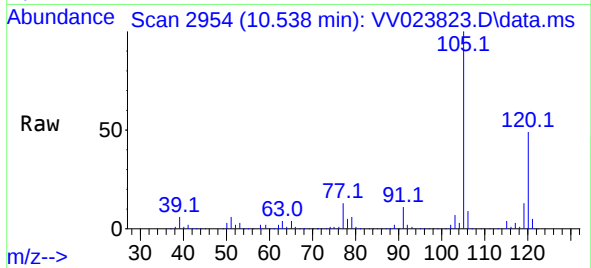
#62
1,3,5-Trimethylbenzene
Concen: 6.916 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Instrument :
MSVOA_V
ClientSampleId :
C0G21

Tgt Ion:105 Resp: 24094
Ion Ratio Lower Upper
105 100
120 49.2 40.1 60.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#63
1,2,4-Trimethylbenzene
Concen: 32.280 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. 0.000 min
Lab File: VV023823.D
Acq: 07 Dec 2021 15:19

Tgt Ion:105 Resp: 1112038
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1

