

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023813.D
 Acq On : 07 Dec 2021 11:17
 Operator : SY/MD
 Sample : M4879-07 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G35

Manual Integrations
 APPROVED

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

Quant Time: Dec 08 01:14:34 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	5.616	114	136797	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127493	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70239	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53635	4.776	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.564	69	39943	4.525	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.105	63	70455	3.560	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.918	46	81684	60.506	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.020%
24) Chloroform-d	4.349	84	94799	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.031	65	45651	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.050	84	188494	5.428	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
36) 1,2-Dichloropropane-d6	6.069	67	54791	5.627	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.600%
41) Toluene-d8	7.317	98	171141	5.274	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	7.625	79	20423	5.204	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.091	63	86656	66.457	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.920%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36314	5.183	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	69841	5.624	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.400%
Target Compounds						
					Qvalue	
18) trans-1,2-Dichloroethene	2.764	96	2133	0.204	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	23985	2.396	ug/L	97
30) Cyclohexane	4.674	56	49857	3.586	ug/L	98
34) Trichloroethene	5.912	95	90327	9.277	ug/L	97
35) Methylcyclohexane	6.130	83	19084	1.257	ug/L	96
42) Toluene	7.397	91	6169	0.157	ug/L	99
47) Tetrachloroethene	7.976	164	234088	26.414	ug/L	99
52) Ethylbenzene	9.014	91	51892	1.259	ug/L	99
53) m,p-xylene	9.136	106	102750	6.266	ug/L	98
54) o-xylene	9.548	106	12194	0.782	ug/L	95
60) Isopropylbenzene	9.931	105	11988m	0.286	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	88387	2.533	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	427838	12.397	ug/L	99

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

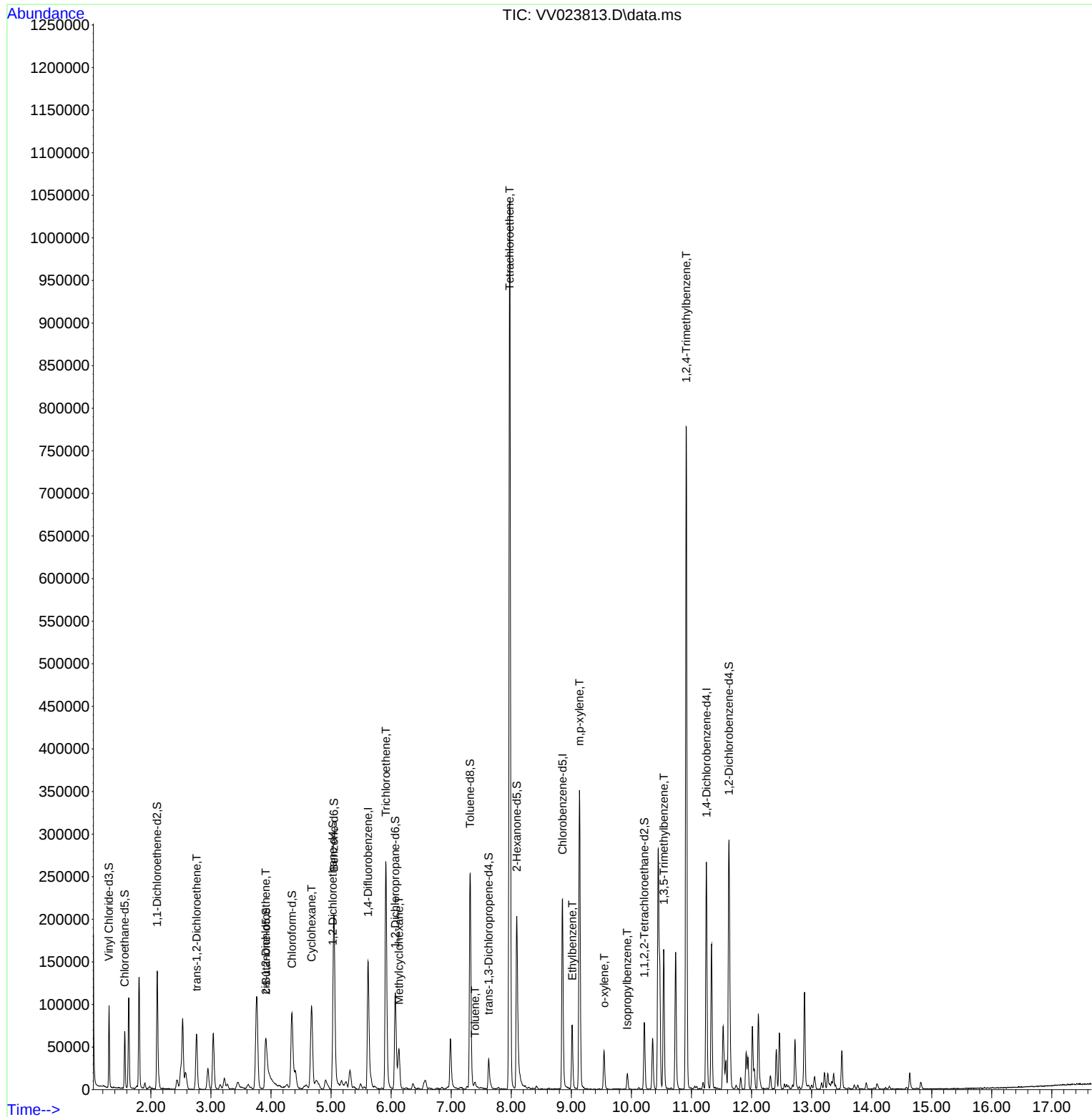
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
Data File : VV023813.D
Acq On : 07 Dec 2021 11:17
Operator : SY/MD
Sample : M4879-07 100X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

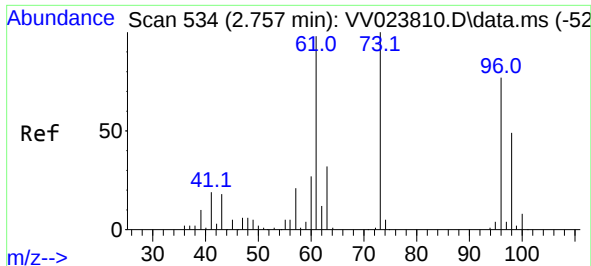
Instrument :
MSVOA_V
ClientSampleId :
C0G35

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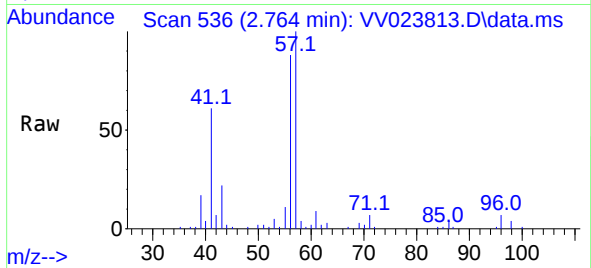
Quant Time: Dec 08 01:14:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#18
trans-1,2-Dichloroethene
Concen: 0.204 ug/L
RT: 2.764 min Scan# 513
Delta R.T. 0.006 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17

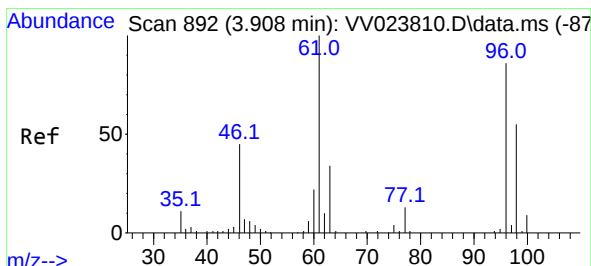
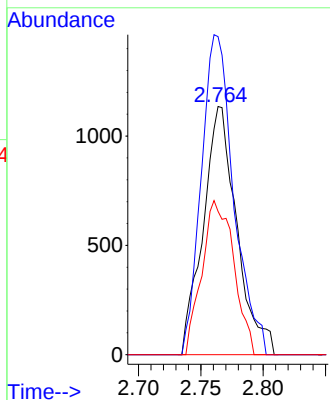
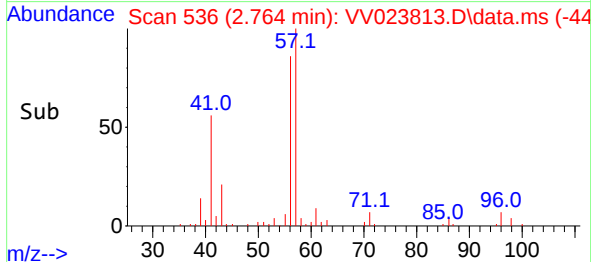
Instrument :
MSVOA_V
ClientSampleId :
C0G35



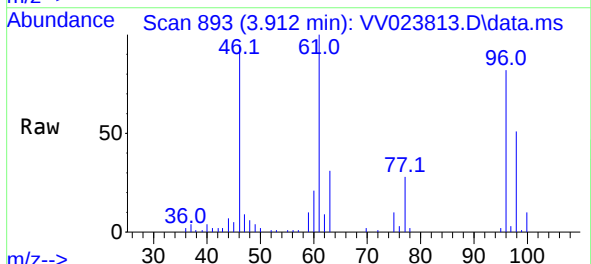
Tgt Ion: 96 Resp: 213
Ion Ratio Lower Upper
96 100
61 128.2 88.2 163.8
98 57.8 44.9 83.5

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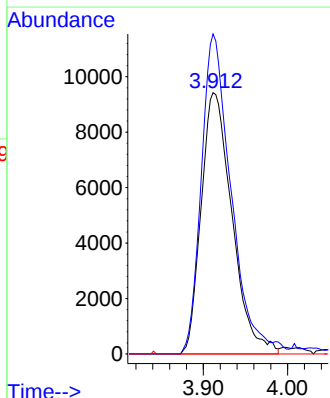
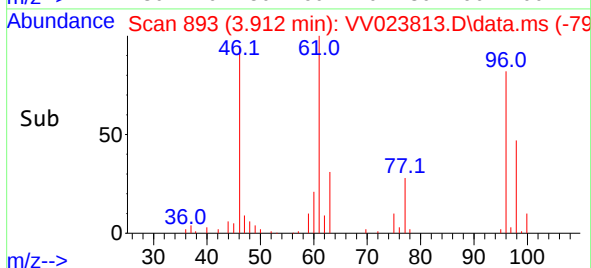
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021

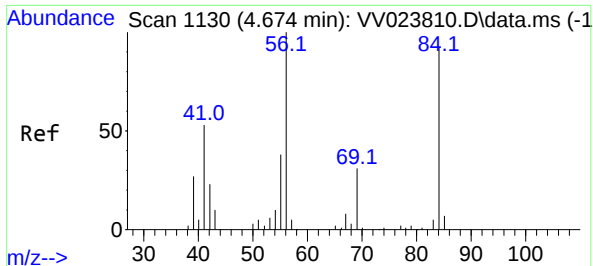


#22
cis-1,2-Dichloroethene
Concen: 2.396 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17



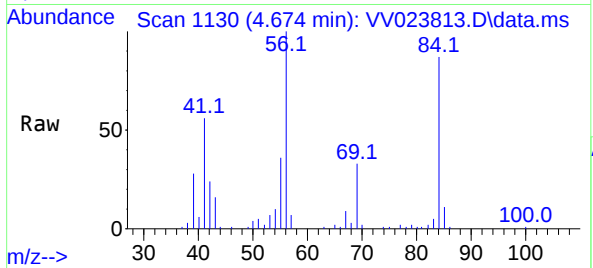
Tgt Ion: 96 Resp: 23985
Ion Ratio Lower Upper
96 100
61 122.5 83.4 154.8
68 0.0 0.0 0.0





#30
Cyclohexane
Concen: 3.586 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17

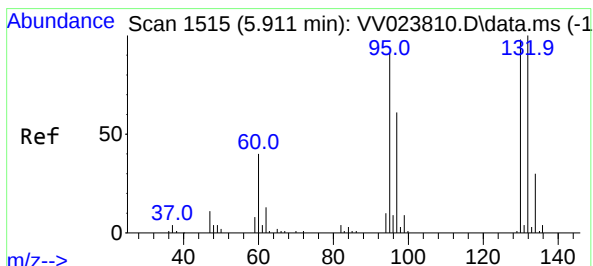
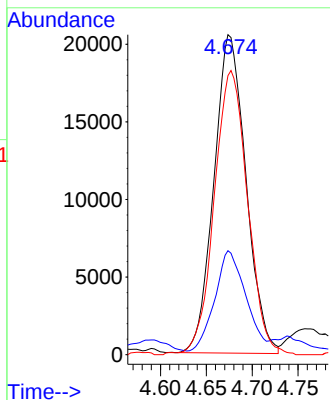
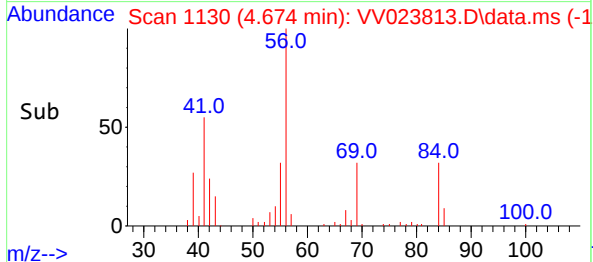
Instrument :
MSVOA_V
ClientSampleId :
C0G35



Tgt Ion: 56 Resp: 4985
Ion Ratio Lower Upper
56 100
69 32.6 24.8 37.2
84 92.7 75.9 113.9

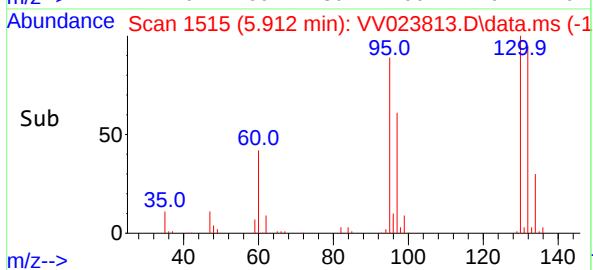
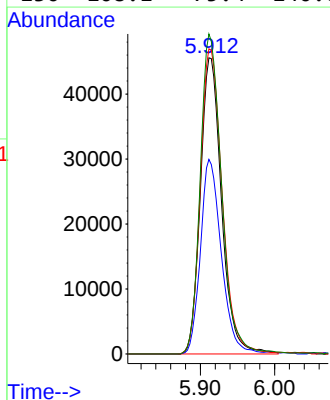
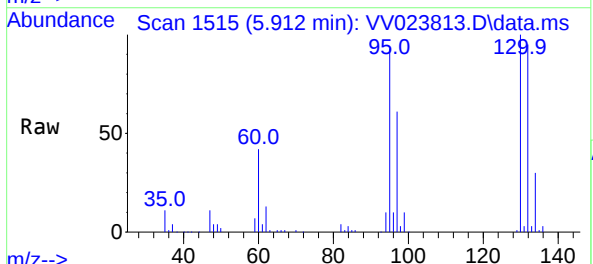
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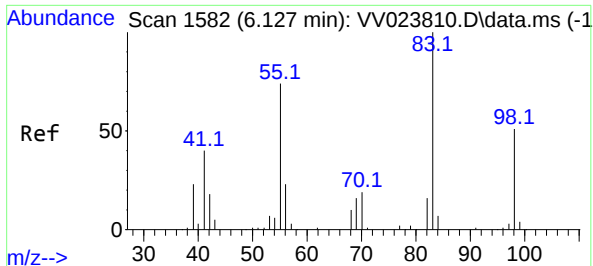
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#34
Trichloroethene
Concen: 9.277 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17

Tgt Ion: 95 Resp: 90327
Ion Ratio Lower Upper
95 100
97 65.7 45.2 84.0
132 103.0 76.1 141.3
130 108.1 75.4 140.0





#35

Methylcyclohexane

Concen: 1.257 ug/L

RT: 6.130 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV023813.D

Acq: 07 Dec 2021 11:17

Instrument :

MSVOA_V

ClientSampleId :

C0G35

Tgt Ion: 83 Resp: 19084

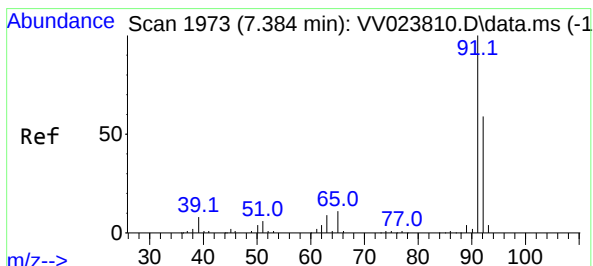
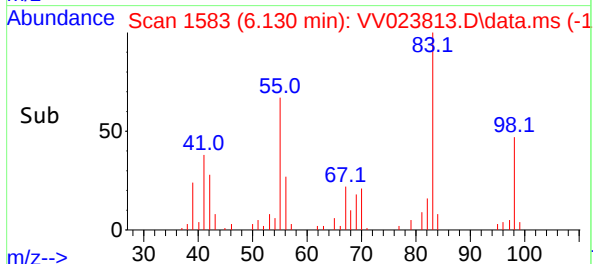
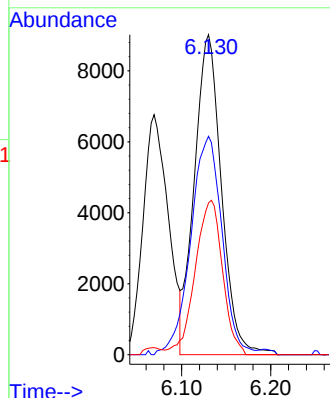
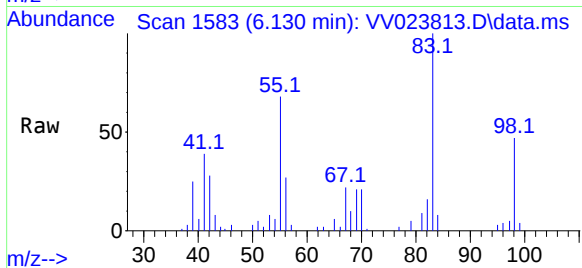
Ion	Ratio	Lower	Upper
83	100		
55	78.7	60.2	90.2
98	48.6	41.0	61.4

Manual Integrations

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Reviewed By :John Carlone 12/08/2021

Supervised By :Mahesh Dadoda 12/08/2021



#42

Toluene

Concen: 0.157 ug/L

RT: 7.397 min Scan# 1977

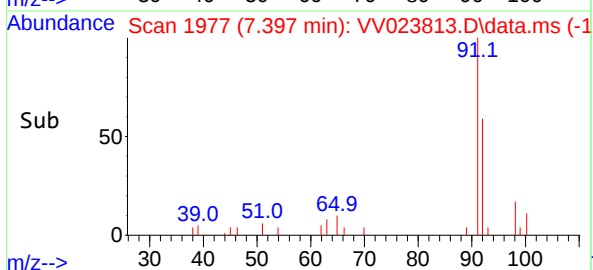
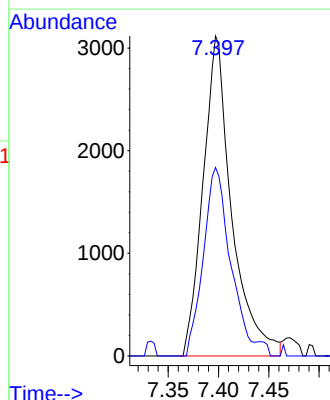
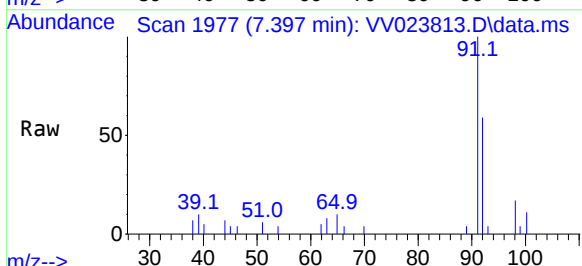
Delta R.T. 0.013 min

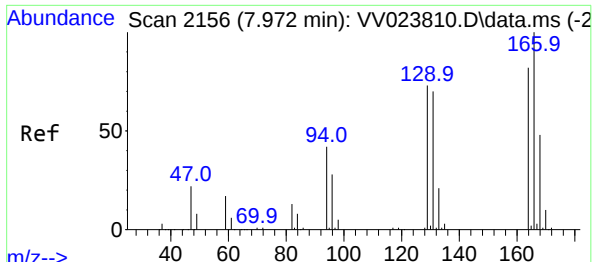
Lab File: VV023813.D

Acq: 07 Dec 2021 11:17

Tgt Ion: 91 Resp: 6169

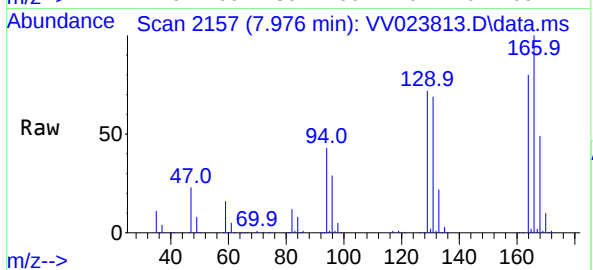
Ion	Ratio	Lower	Upper
91	100		
92	58.9	41.5	77.1





#47
Tetrachloroethene
Concen: 26.414 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17

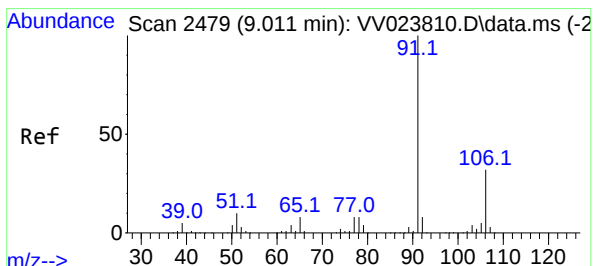
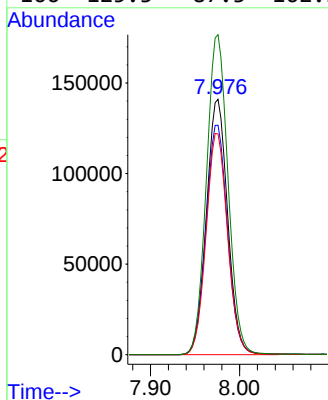
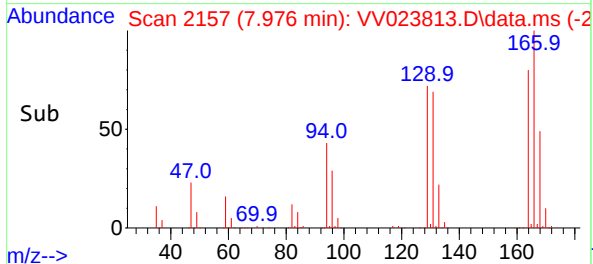
Instrument :
MSVOA_V
ClientSampleId :
C0G35



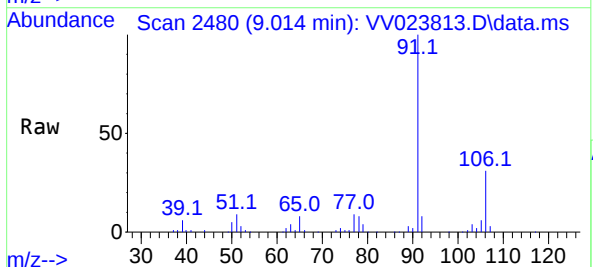
Tgt Ion:164 Resp: 234088
Ion Ratio Lower Upper
164 100
129 89.8 62.6 116.2
131 86.4 61.0 113.4
166 125.3 87.3 162.1

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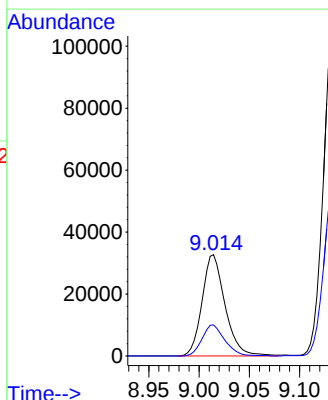
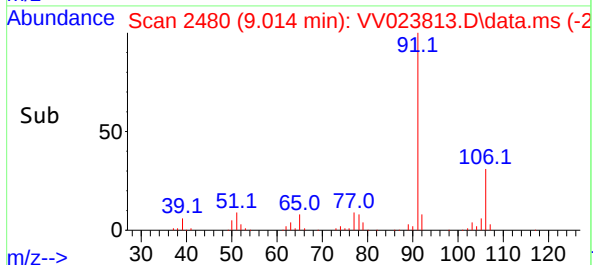
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021

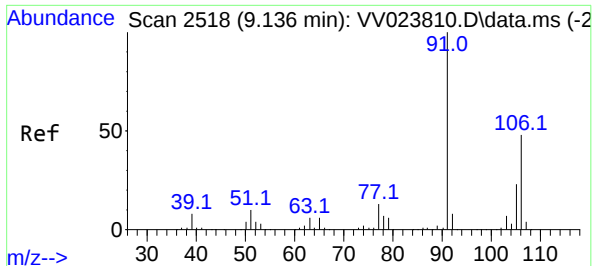


#52
Ethylbenzene
Concen: 1.259 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17



Tgt Ion: 91 Resp: 51892
Ion Ratio Lower Upper
91 100
106 30.7 22.0 41.0





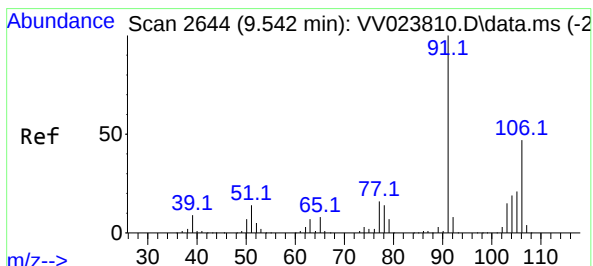
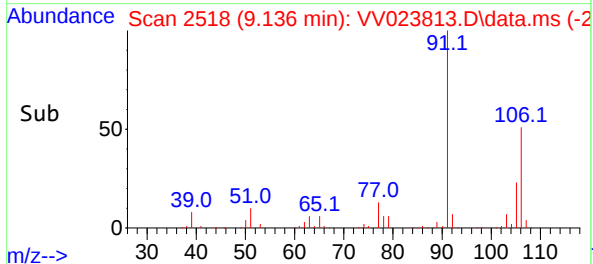
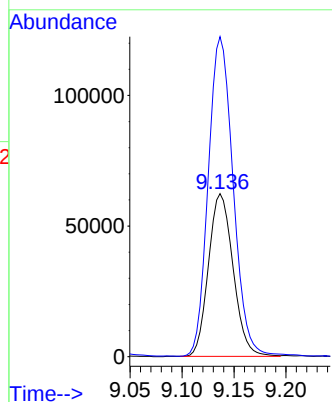
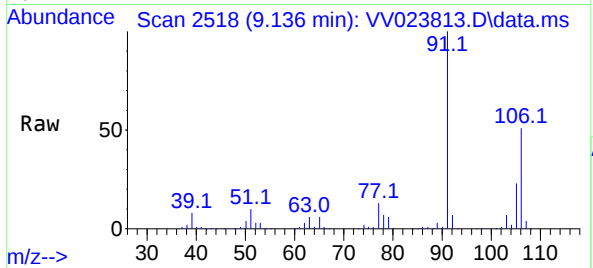
#53
m,p-xylene
Concen: 6.266 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17

Instrument :
MSVOA_V
ClientSampleId :
C0G35

Tgt Ion:106 Resp: 102750
Ion Ratio Lower Upper
106 100
91 196.3 139.5 259.1

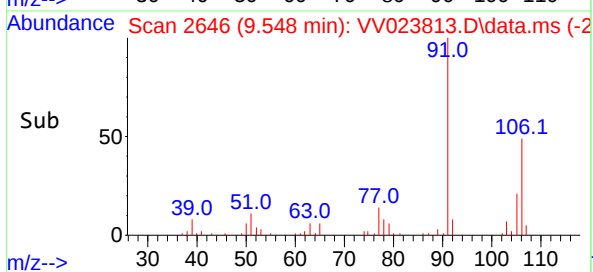
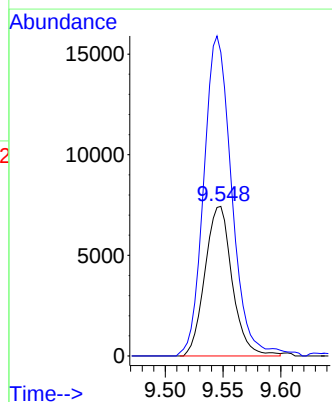
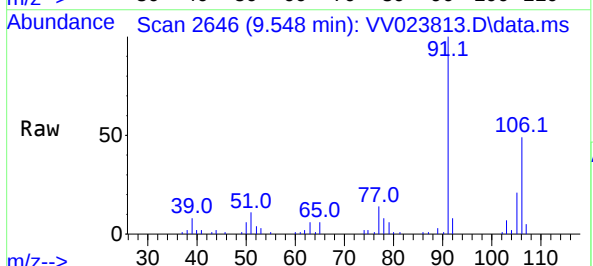
Manual Integrations
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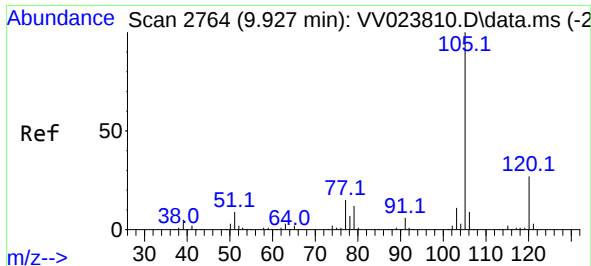
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#54
o-xylene
Concen: 0.782 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17

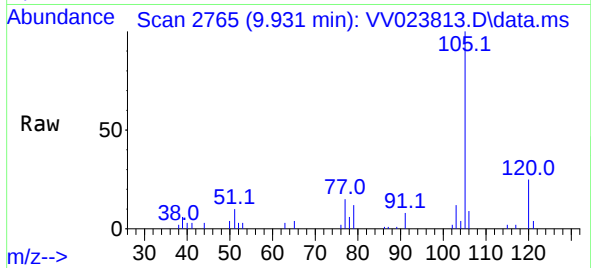
Tgt Ion:106 Resp: 12194
Ion Ratio Lower Upper
106 100
91 202.9 147.9 274.7





#60
Isopropylbenzene
Concen: 0.286 ug/L m
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17

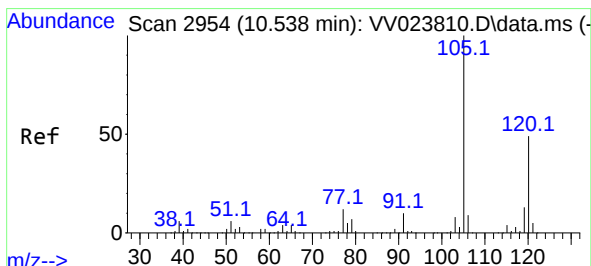
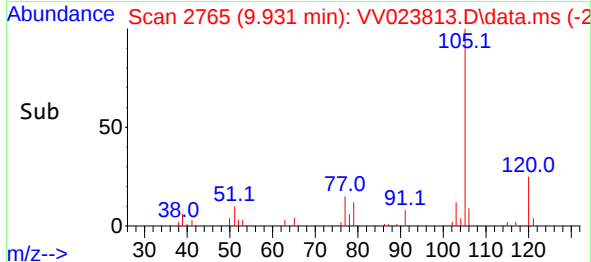
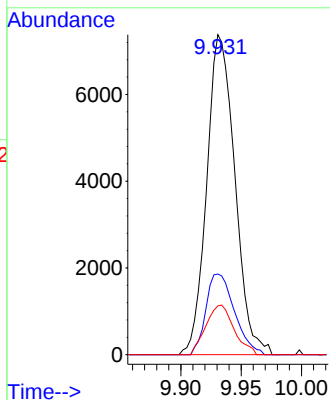
Instrument :
MSVOA_V
ClientSampleId :
C0G35



Tgt Ion:105 Resp: 1198
Ion Ratio Lower Upper
105 100
120 643.7 21.4 32.0
77 235.2 12.2 18.4

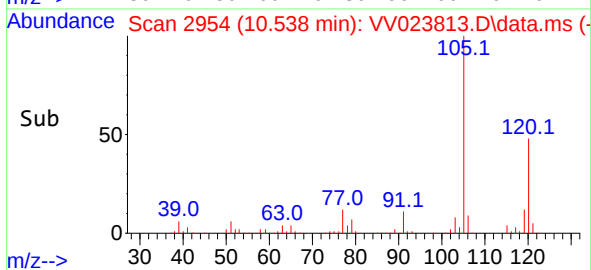
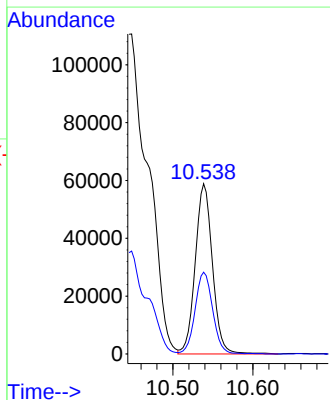
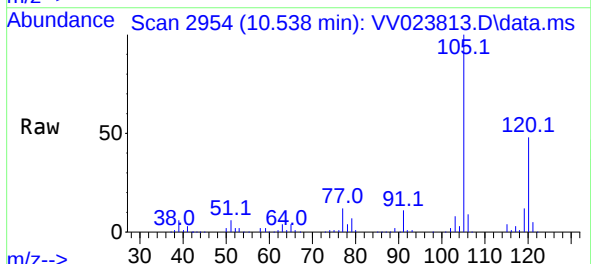
Manual Integrations
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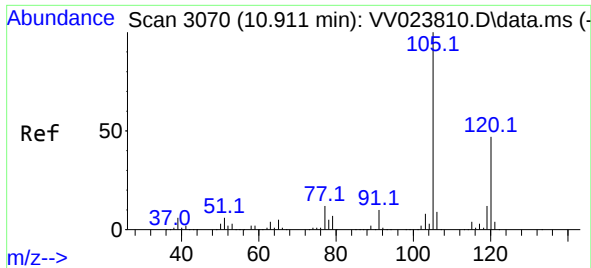
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#62
1,3,5-Trimethylbenzene
Concen: 2.533 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023813.D
Acq: 07 Dec 2021 11:17

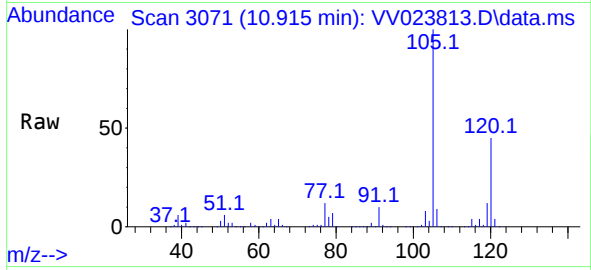
Tgt Ion:105 Resp: 88387
Ion Ratio Lower Upper
105 100
120 48.3 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 12.397 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV023813.D
 Acq: 07 Dec 2021 11:17

Instrument : MSVOA_V
 ClientSampleId : C0G35



Tgt Ion:105 Resp: 427838
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.7 55.1

Manual Integrations
 APPROVED

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

