

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112321\
 Data File : VW023684.D
 Acq On : 23 Nov 2021 20:30
 Operator : SY/MD
 Sample : M4723-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G43

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/24/2021
 Supervised By : Mahesh Dadoda 11/26/2021

Quant Time: Nov 24 05:01:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 04:42:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	145886	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144113	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	72923	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	52024	4.344	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.800%	
7) Chloroethane-d5	1.561	69	42922	4.559	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.200%	
11) 1,1-Dichloroethene-d2	2.101	63	69663	3.301	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.000%	
20) 2-Butanone-d5	3.883	46	96394	66.954	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	133.900%#	
24) Chloroform-d	4.343	84	95213	4.566	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
26) 1,2-Dichloroethane-d4	5.027	65	46362	4.759	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.047	84	186268	4.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
36) 1,2-Dichloropropane-d6	6.066	67	54381	4.941	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.313	98	169554	4.623	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.400%	
43) trans-1,3-Dichloroprop...	7.622	79	20222	4.558	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.200%	
46) 2-Hexanone-d5	8.088	63	80536	54.640	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.280%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38803	4.900	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	68439	5.308	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.200%	
Target Compounds						
5) Vinyl chloride	1.304	62	17563	1.390	ug/L	88
13) Acetone	2.182	43	9602m	7.412	ug/L	
14) Carbon disulfide	2.291	76	3521	0.107	ug/L	100
18) trans-1,2-Dichloroethene	2.754	96	3075	0.276	ug/L	86
22) cis-1,2-Dichloroethene	3.905	96	141871	13.288	ug/L	99
30) Cyclohexane	4.674	56	2817	0.179	ug/L #	88
34) Trichloroethene	5.908	95	236454	21.484	ug/L	97
35) Methylcyclohexane	6.124	83	1737	0.101	ug/L #	76
47) Tetrachloroethene	7.973	164	262791	26.233	ug/L	98
54) o-xylene	9.545	106	3432	0.195	ug/L	92
60) Isopropylbenzene	9.934	105	16008	0.368	ug/L	99

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

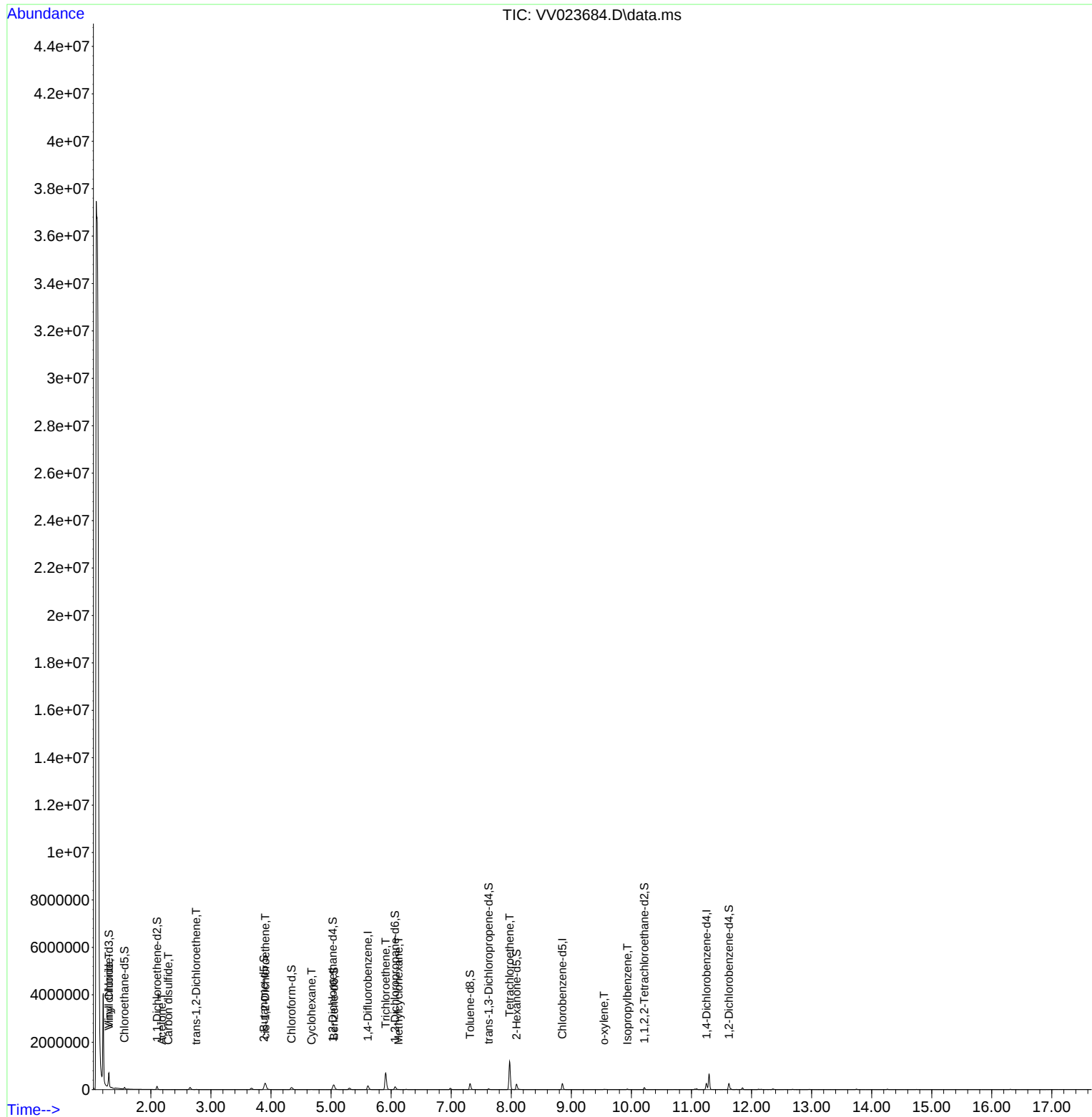
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV112321\
Data File : VV023684.D
Acq On : 23 Nov 2021 20:30
Operator : SY/MD
Sample : M4723-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

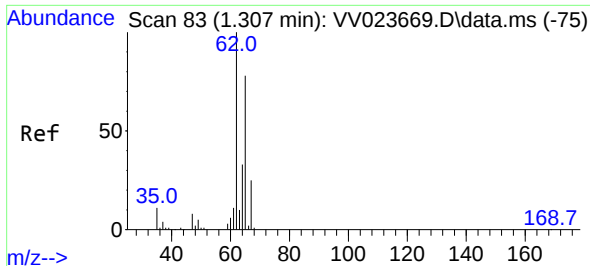
Instrument :
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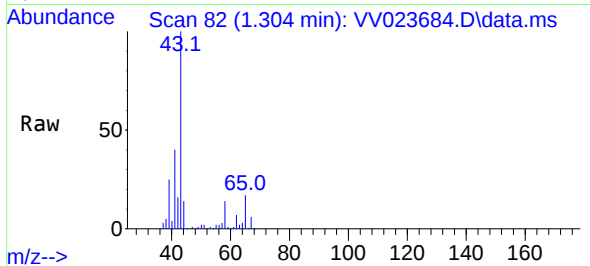
Quant Time: Nov 24 05:01:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 24 04:42:45 2021
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 1.390 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV023684.D
 Acq: 23 Nov 2021 20:30

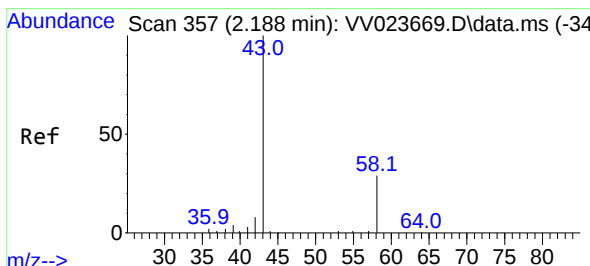
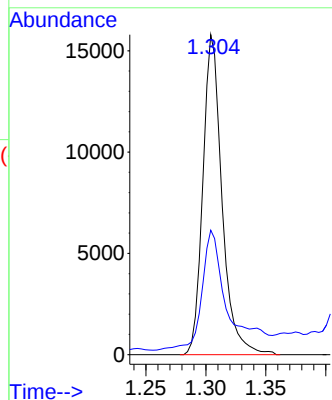
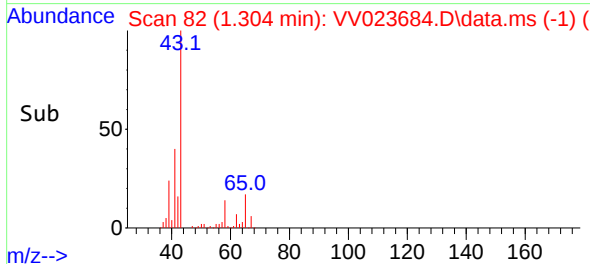
Instrument :
 MSVOA_V
 ClientSampleId :
 C0G43



Tgt Ion: 62 Resp: 1756
 Ion Ratio Lower Upper
 62 100
 64 38.9 22.4 41.6

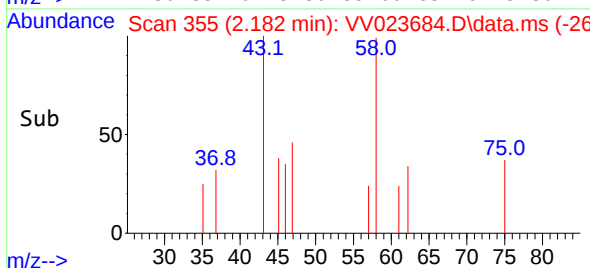
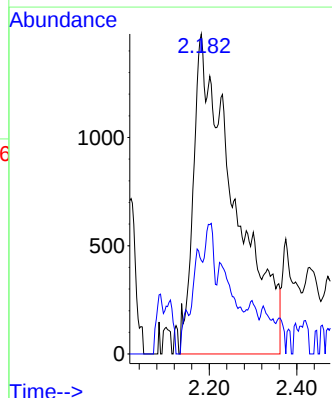
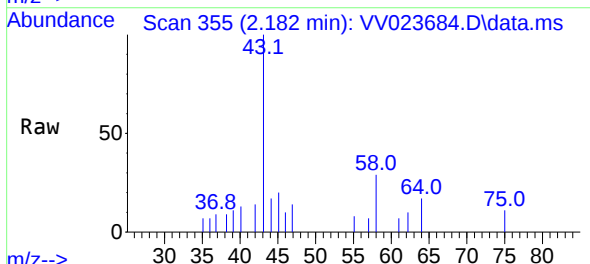
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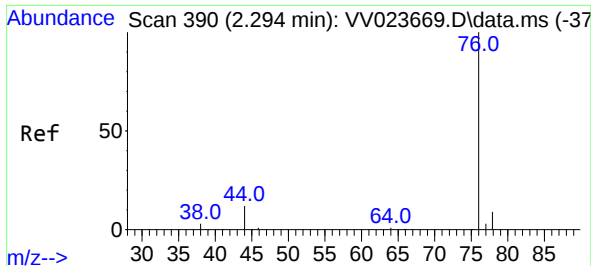
Reviewed By :John Carlone 11/24/2021
 Supervised By :Mahesh Dadoda 11/26/2021



#13
 Acetone
 Concen: 7.412 ug/L m
 RT: 2.182 min Scan# 355
 Delta R.T. -0.006 min
 Lab File: VV023684.D
 Acq: 23 Nov 2021 20:30

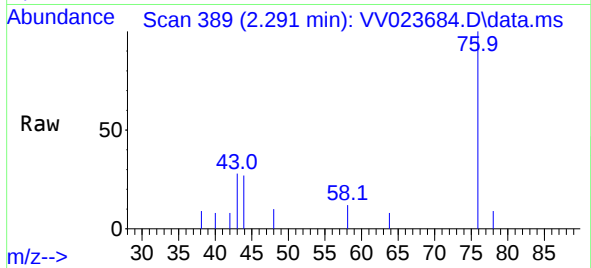
Tgt Ion: 43 Resp: 9602
 Ion Ratio Lower Upper
 43 100
 58 7.5 0.0 41.4





#14
Carbon disulfide
Concen: 0.107 ug/L
RT: 2.291 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV023684.D
Acq: 23 Nov 2021 20:30

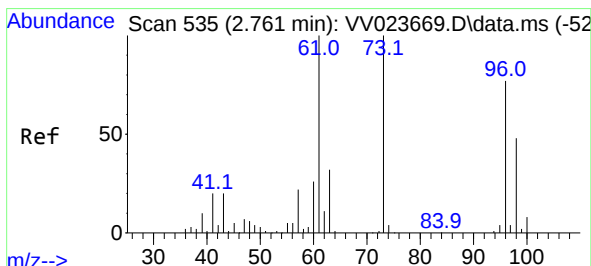
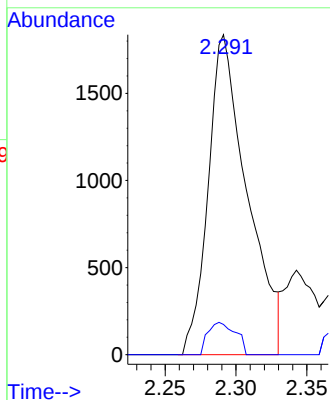
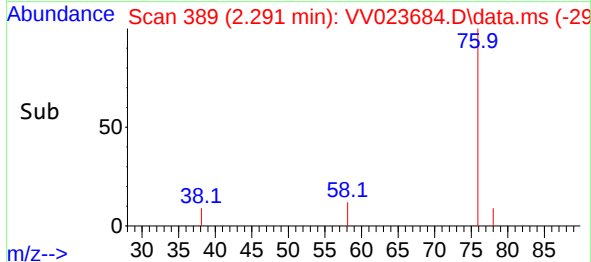
Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 76 Resp: 352
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3

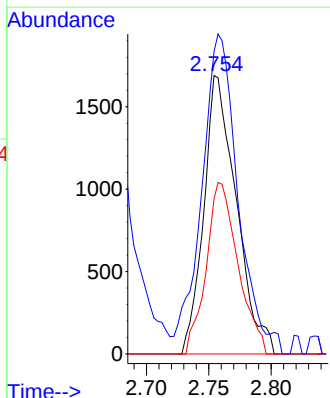
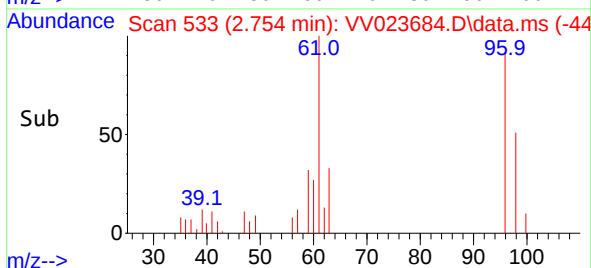
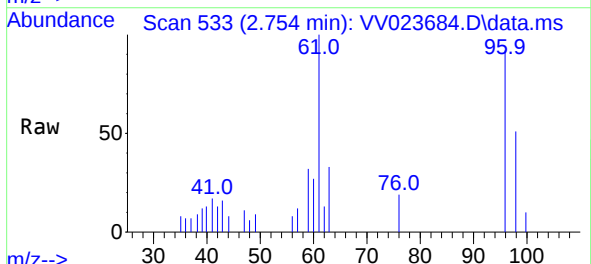
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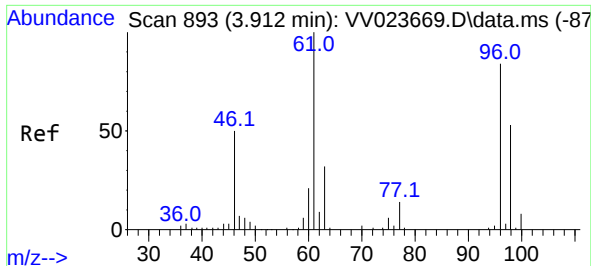
Reviewed By :John Carlone 11/24/2021
Supervised By :Mahesh Dadoda 11/26/2021



#18
trans-1,2-Dichloroethene
Concen: 0.276 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.006 min
Lab File: VV023684.D
Acq: 23 Nov 2021 20:30

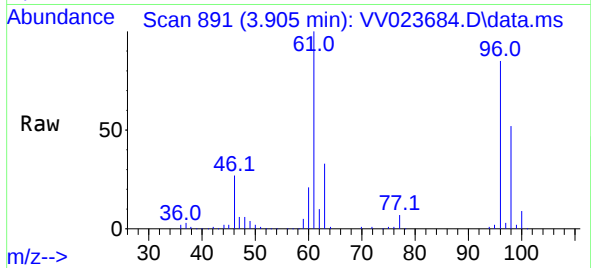
Tgt Ion: 96 Resp: 3075
Ion Ratio Lower Upper
96 100
61 108.6 88.2 163.8
98 55.7 44.9 83.5





#22
cis-1,2-Dichloroethene
Concen: 13.288 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.006 min
Lab File: VV023684.D
Acq: 23 Nov 2021 20:30

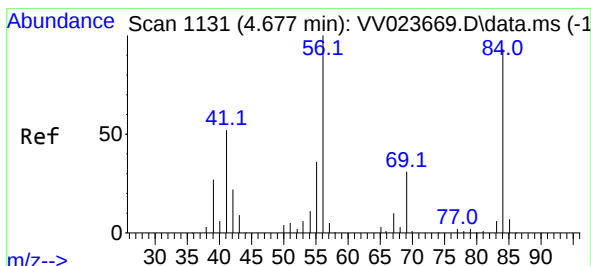
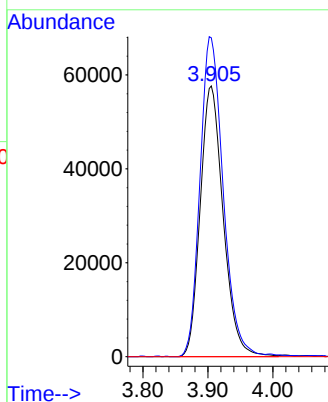
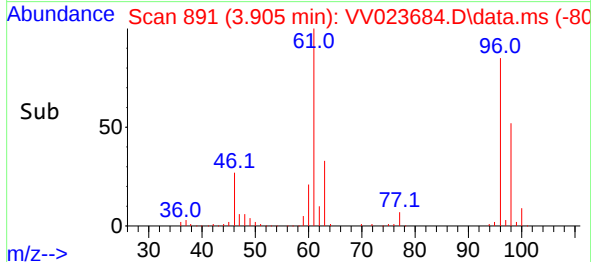
Instrument :
MSVOA_V
ClientSampleId :
C0G43



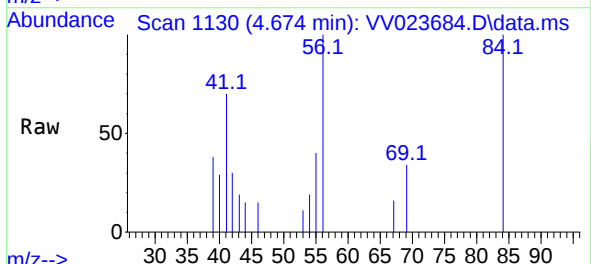
Tgt Ion: 96 Resp: 14187
Ion Ratio Lower Upper
96 100
61 117.8 83.4 154.8
68 0.0 0.0 0.0

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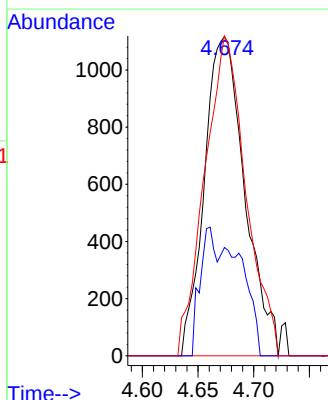
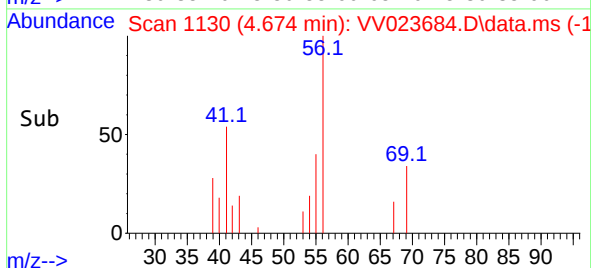
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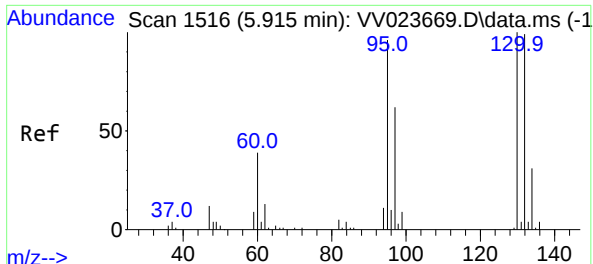


#30
Cyclohexane
Concen: 0.179 ug/L
RT: 4.674 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VV023684.D
Acq: 23 Nov 2021 20:30



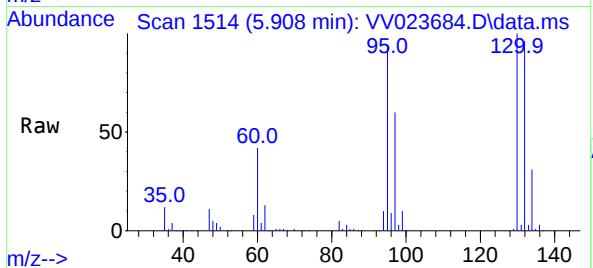
Tgt Ion: 56 Resp: 2817
Ion Ratio Lower Upper
56 100
69 16.4 24.8 37.2#
84 102.0 75.9 113.9





#34
Trichloroethene
Concen: 21.484 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV023684.D
Acq: 23 Nov 2021 20:30

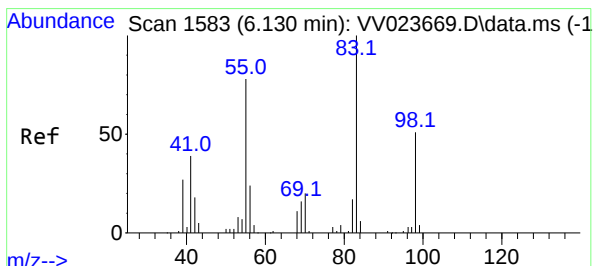
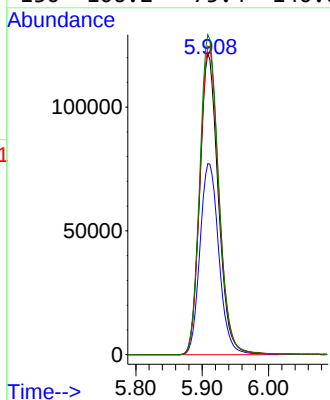
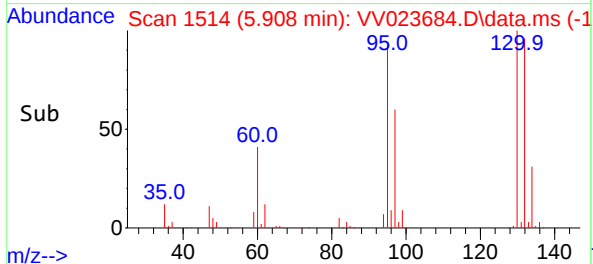
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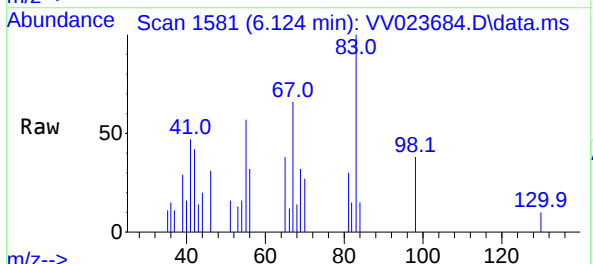
Tgt Ion: 95 Resp: 236454
Ion Ratio Lower Upper
95 100
97 63.4 45.2 84.0
132 102.4 76.1 141.3
130 106.2 75.4 140.0

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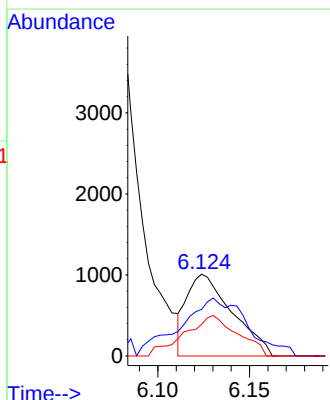
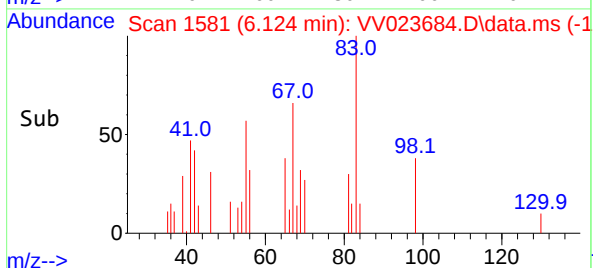
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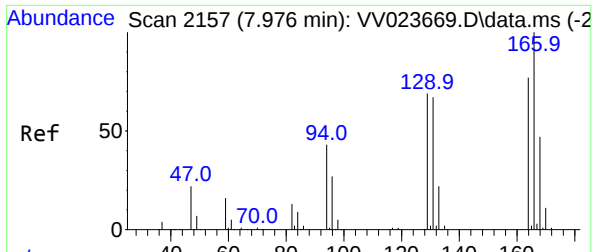


#35
Methylcyclohexane
Concen: 0.101 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.006 min
Lab File: VV023684.D
Acq: 23 Nov 2021 20:30



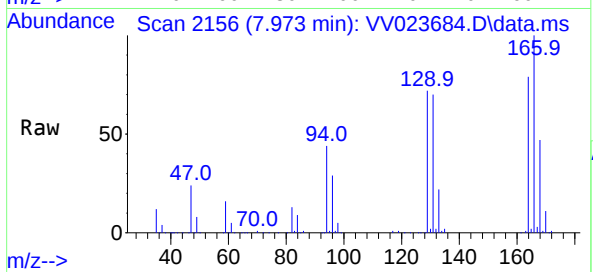
Tgt Ion: 83 Resp: 1737
Ion Ratio Lower Upper
83 100
55 104.6 60.2 90.2#
98 57.4 41.0 61.4





#47
Tetrachloroethene
Concen: 26.233 ug/L
RT: 7.973 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV023684.D
Acq: 23 Nov 2021 20:30

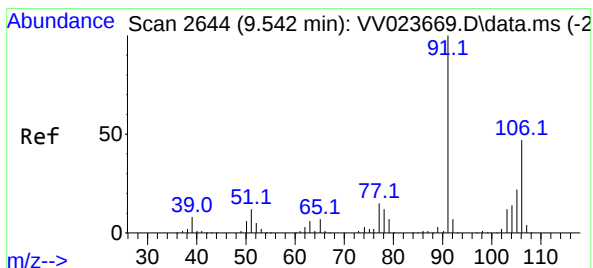
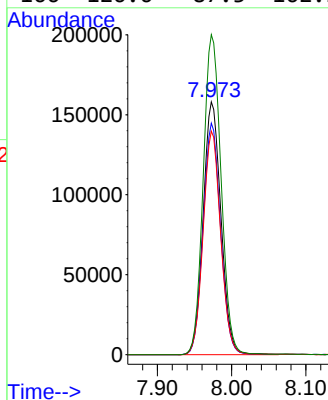
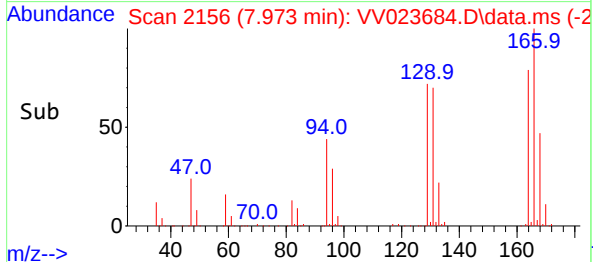
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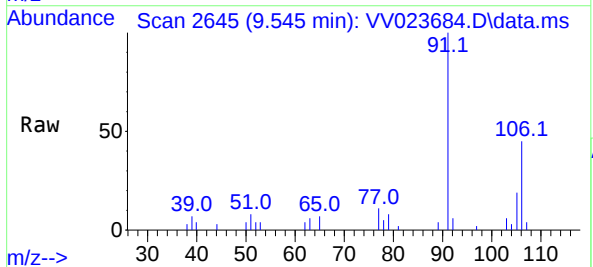
Tgt Ion:164 Resp: 26279
Ion Ratio Lower Upper
164 100
129 91.6 62.6 116.2
131 88.4 61.0 113.4
166 126.6 87.3 162.1

Manual Integrations
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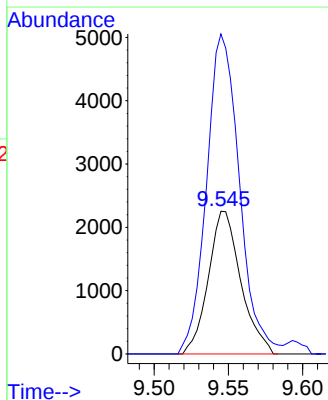
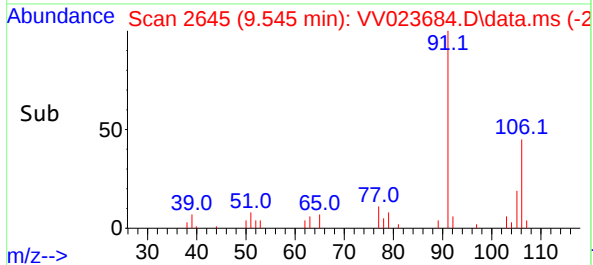
Reviewed By :John Carlone 11/24/2021
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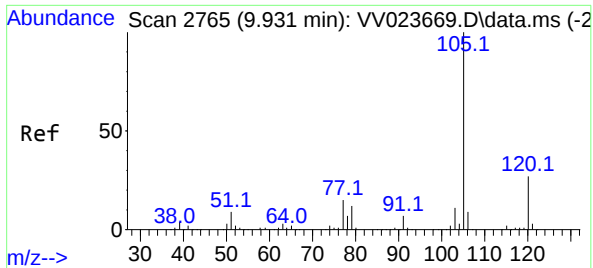


#54
o-xylene
Concen: 0.195 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023684.D
Acq: 23 Nov 2021 20:30



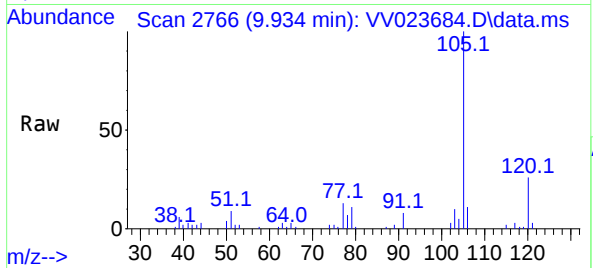
Tgt Ion:106 Resp: 3432
Ion Ratio Lower Upper
106 100
91 224.2 147.9 274.7





#60
Isopropylbenzene
Concen: 0.368 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV023684.D
Acq: 23 Nov 2021 20:30

Instrument :
MSVOA_V
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Tgt Ion:105 Resp: 16008
Ion Ratio Lower Upper
105 100
120 27.4 21.4 32.0
77 15.7 12.2 18.4

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