

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121921\
 Data File : VW024116.D
 Acq On : 20 Dec 2021 02:36
 Operator : SY/MD
 Sample : M5148-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBBS5

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 20 04:21:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 20 04:04:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	88213	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	93787	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47298	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18492	3.899	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.000%	
7) Chloroethane-d5	1.568	69	17299	4.372	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.400%	
11) 1,1-Dichloroethene-d2	2.108	63	30894	3.337	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.800%	
20) 2-Butanone-d5	3.918	46	32396m	34.966	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.940%	
24) Chloroform-d	4.352	84	47214	4.395	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
26) 1,2-Dichloroethane-d4	5.034	65	23796	4.758	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	5.050	84	84313	4.539	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.800%	
36) 1,2-Dichloropropane-d6	6.072	67	26111	4.659	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.317	98	75219	4.498	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.000%	
43) trans-1,3-Dichloroprop...	7.625	79	8753	3.765	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.200%	
46) 2-Hexanone-d5	8.092	63	31252	30.027	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	60.060%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	18263	3.928	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	78.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	30118	4.767	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	3745	0.633	ug/L	# 1
13) Acetone	2.208	43	12294m	16.586	ug/L	
17) Methyl tert-butyl Ether	2.767	73	1666	0.124	ug/L	95
18) trans-1,2-Dichloroethene	2.761	96	557	0.085	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	26893	3.878	ug/L	94
30) Cyclohexane	4.677	56	5478	0.563	ug/L	97
34) Trichloroethene	5.912	95	804422	107.490	ug/L	98
47) Tetrachloroethene	7.976	164	858	0.130	ug/L	93

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

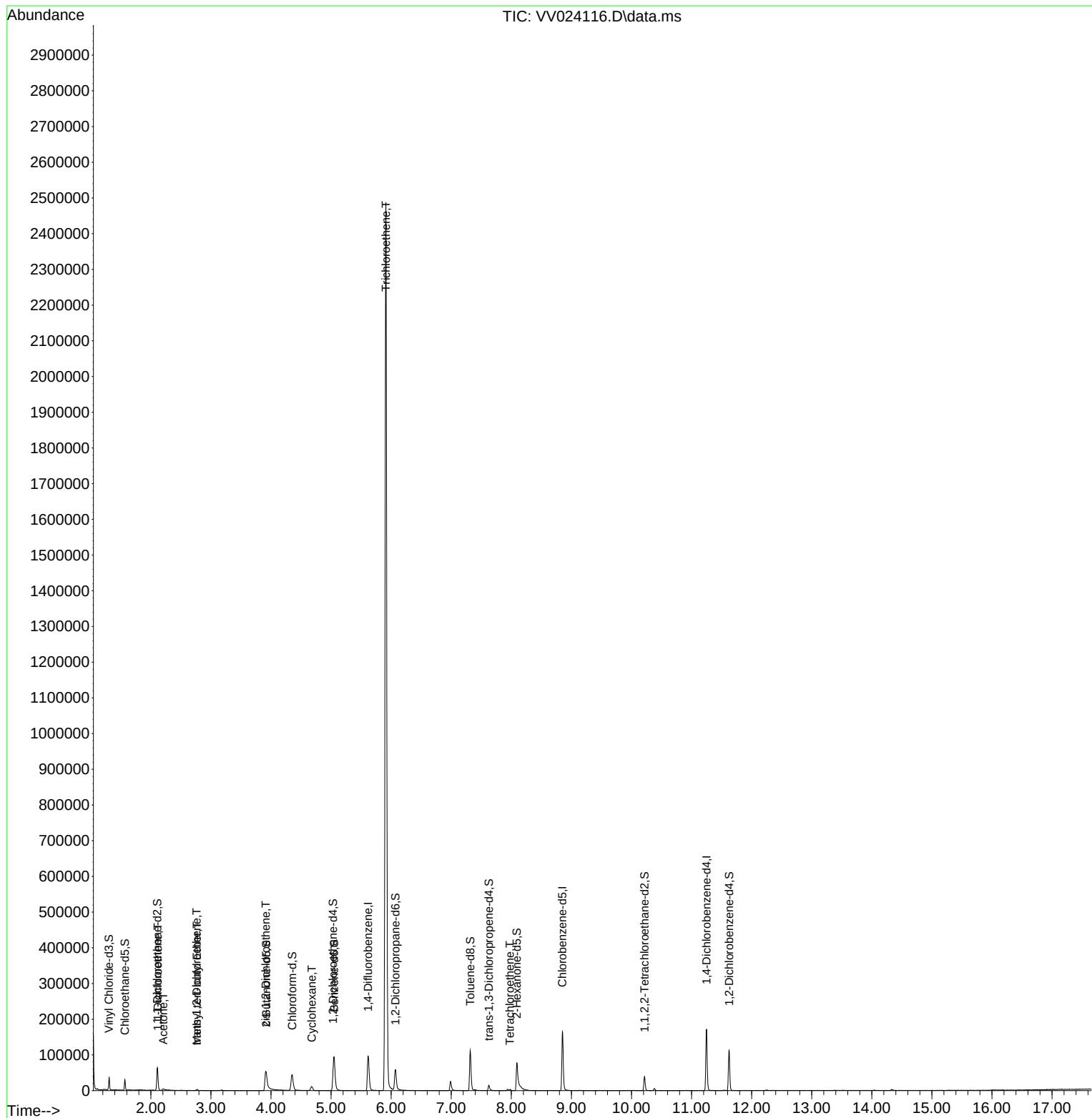
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121921\
Data File : VV024116.D
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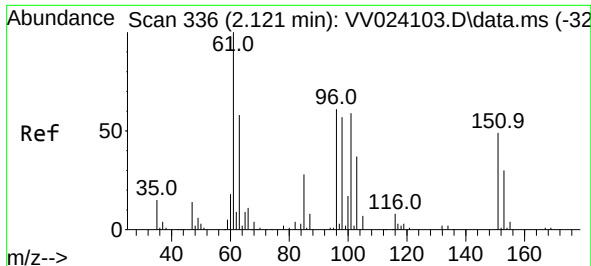
Instrument :
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ClientSampleId :
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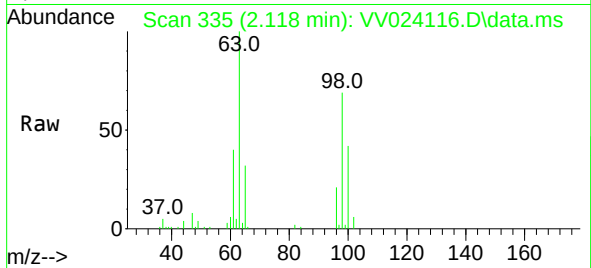
Quant Time: Dec 20 04:21:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 20 04:04:22 2021
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 0.633 ug/L
RT: 2.118 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

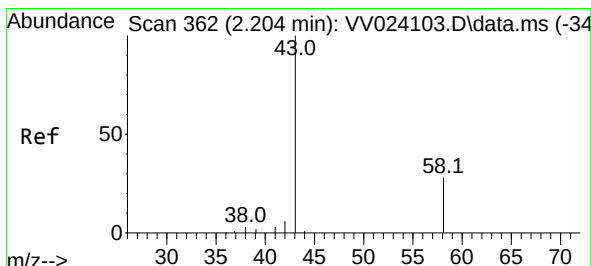
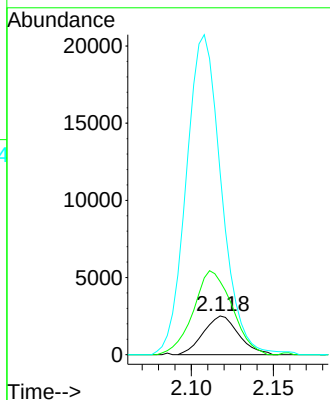
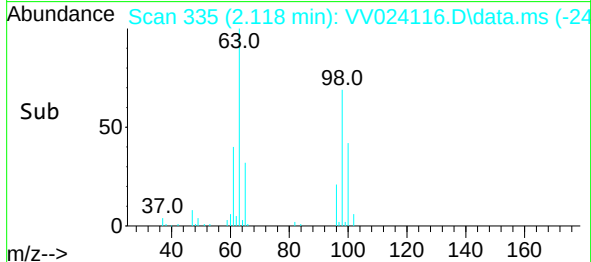
Instrument :
MSVOA_V
ClientSampleId :
GBBS5



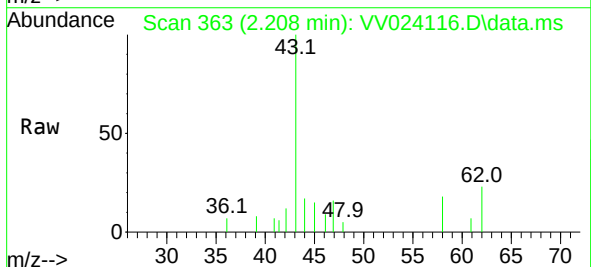
Tgt Ion: 96 Resp: 3749
Ion Ratio Lower Upper
96 100
61 188.9 116.1 215.5
63 471.2 79.4 147.4

Manual Integrations
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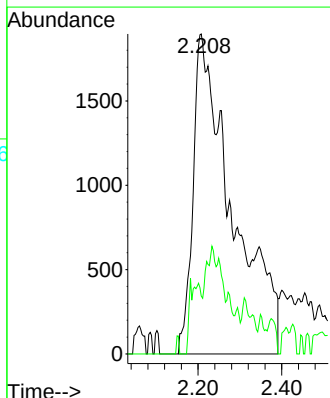
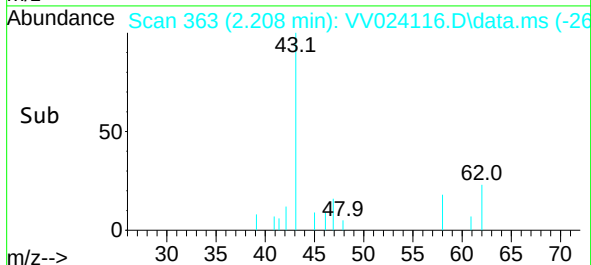
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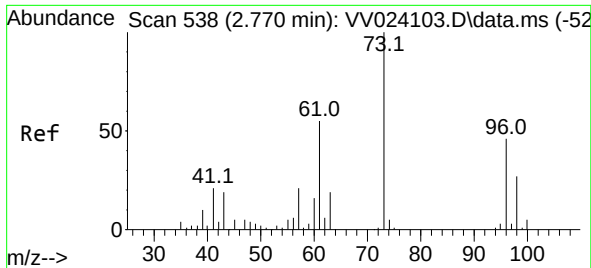


#13
Acetone
Concen: 16.586 ug/L m
RT: 2.208 min Scan# 363
Delta R.T. 0.003 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36



Tgt Ion: 43 Resp: 12294
Ion Ratio Lower Upper
43 100
58 1.1 0.0 41.4





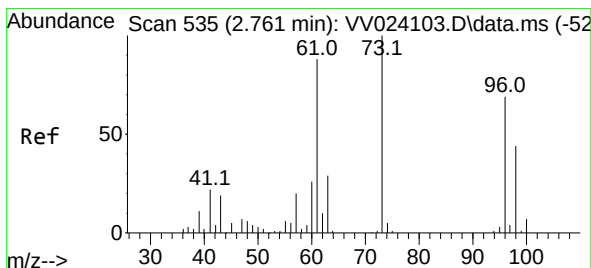
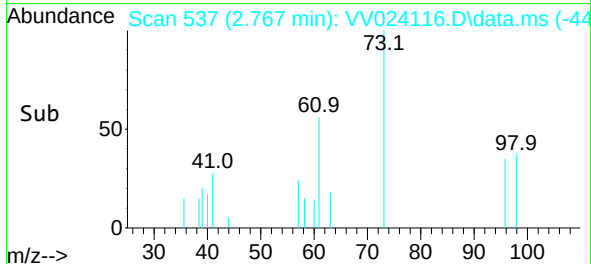
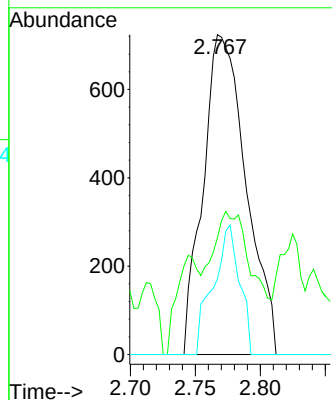
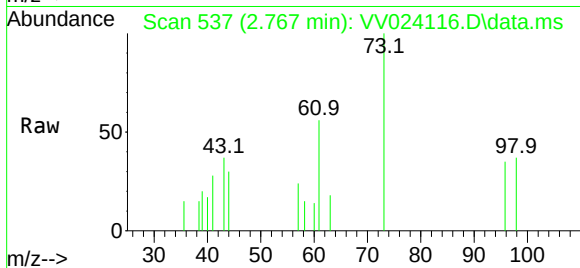
#17
Methyl tert-butyl Ether
Concen: 0.124 ug/L
RT: 2.767 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

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Tgt Ion: 73 Resp: 166
Ion Ratio Lower Upper
73 100
43 20.8 15.5 23.3
57 24.9 17.1 25.7

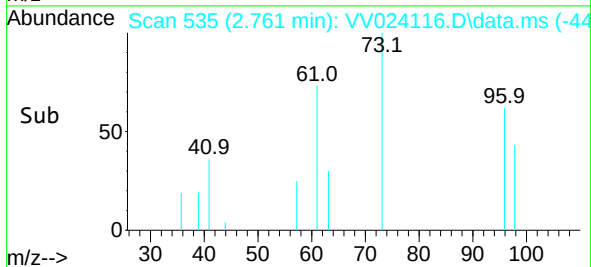
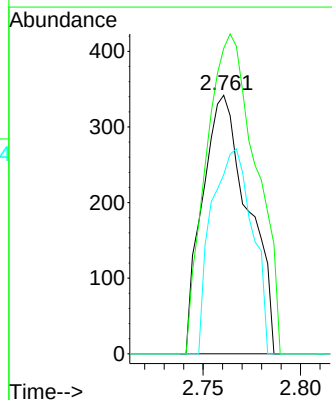
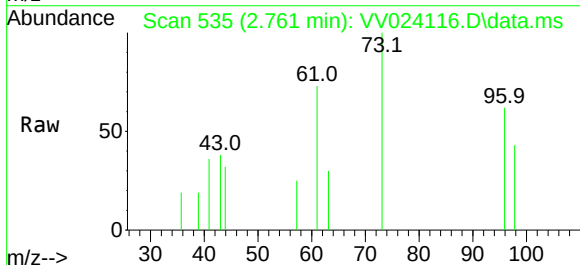
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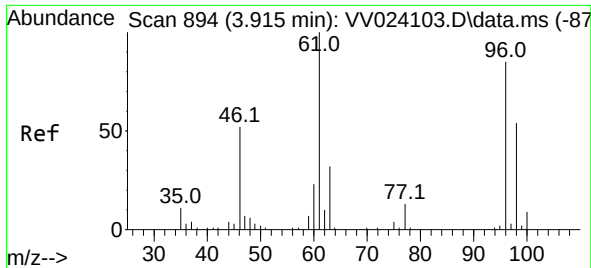
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#18
trans-1,2-Dichloroethene
Concen: 0.085 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

Tgt Ion: 96 Resp: 557
Ion Ratio Lower Upper
96 100
61 118.1 88.2 163.8
98 69.3 44.9 83.5





#22

cis-1,2-Dichloroethene

Concen: 3.878 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV024116.D

Acq: 20 Dec 2021 02:36

Instrument :

MSVOA_V

ClientSampleId :

GBBS5

Tgt Ion: 96 Resp: 2689

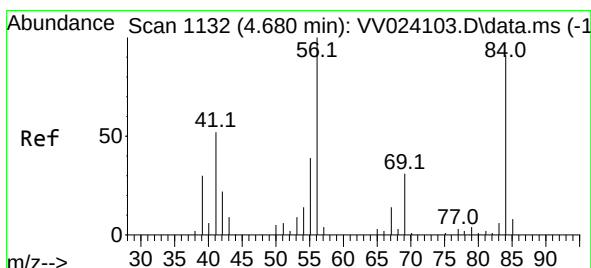
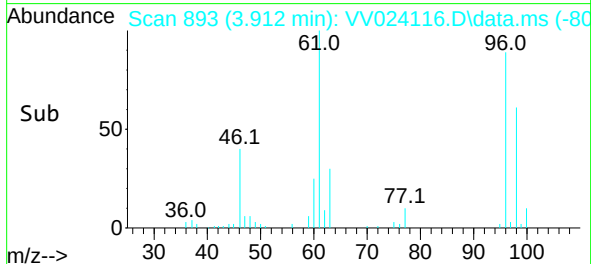
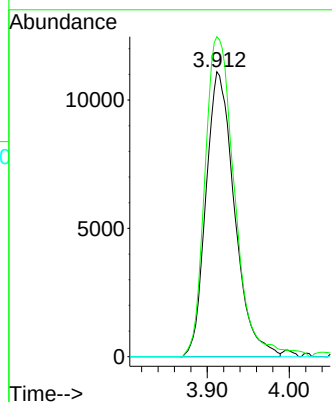
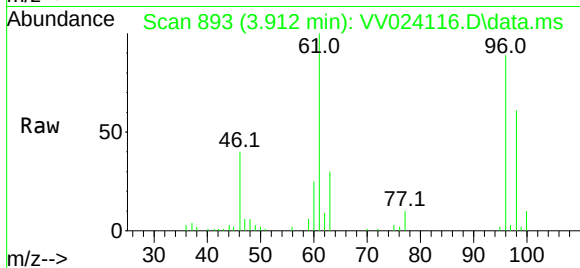
Ion	Ratio	Lower	Upper
96	100		
61	112.3	83.4	154.8
68	0.0	0.0	0.0

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#30

Cyclohexane

Concen: 0.563 ug/L

RT: 4.677 min Scan# 1131

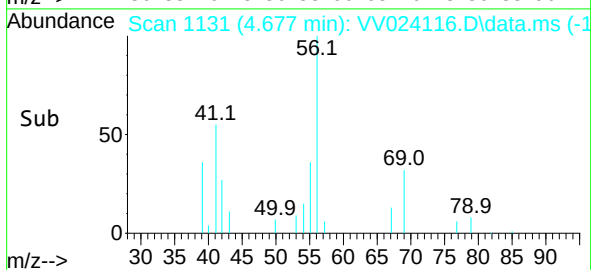
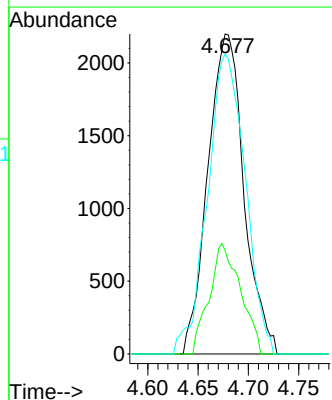
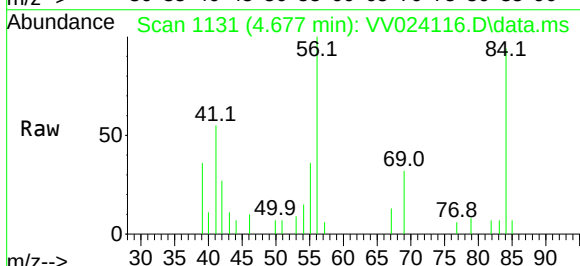
Delta R.T. -0.003 min

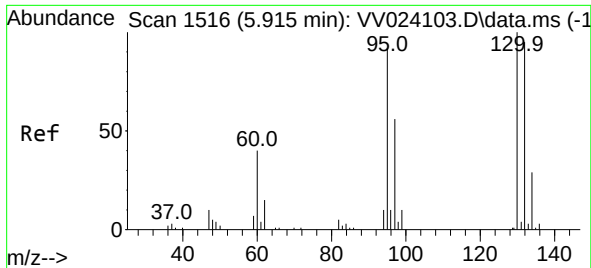
Lab File: VV024116.D

Acq: 20 Dec 2021 02:36

Tgt Ion: 56 Resp: 5478

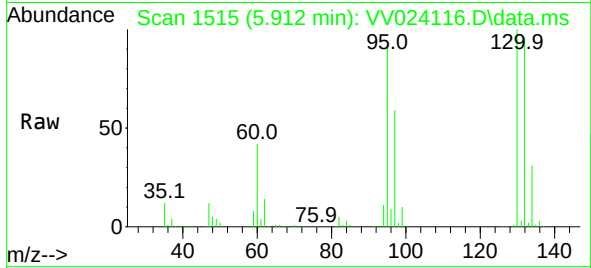
Ion	Ratio	Lower	Upper
56	100		
69	29.9	24.8	37.2
84	98.3	75.9	113.9





#34
Trichloroethene
Concen: 107.490 ug/L
RT: 5.912 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36

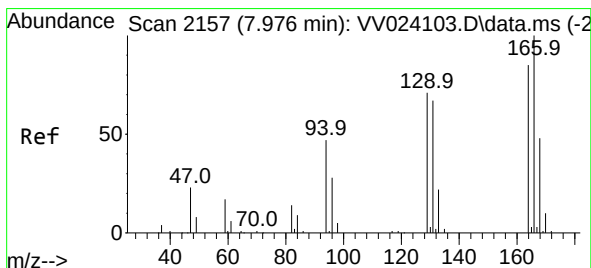
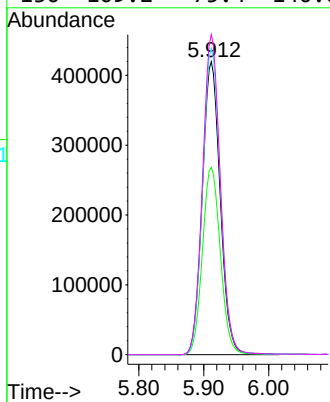
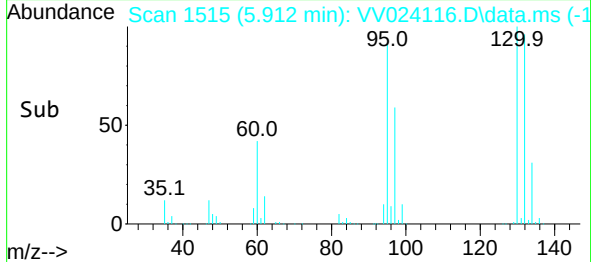
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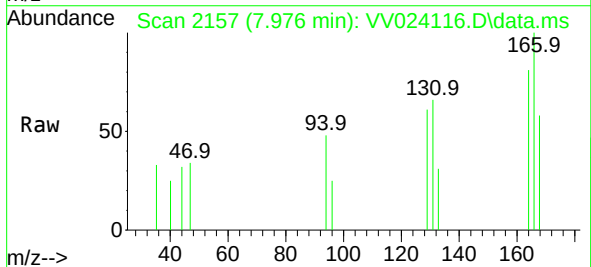
Tgt Ion: 95 Resp: 80442
Ion Ratio Lower Upper
95 100
97 64.0 45.2 84.0
132 104.7 76.1 141.3
130 109.2 75.4 140.0

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#47
Tetrachloroethene
Concen: 0.130 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV024116.D
Acq: 20 Dec 2021 02:36



Tgt Ion:164 Resp: 858
Ion Ratio Lower Upper
164 100
129 75.6 62.6 116.2
131 81.4 61.0 113.4
166 123.5 87.3 162.1

