

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101521\
 Data File : VV022847.D
 Acq On : 15 Oct 2021 19:29
 Operator : SY/MD
 Sample : M4223-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG98

Manual Integrations
 APPROVED

SAM
 10/18/2021 1:06:40 PM

Quant Time: Oct 16 05:30:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 16 05:27:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	114187	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	114765	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	54146	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	35301	4.493	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.568	69	32453	4.597	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.108	63	50252	3.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.895	46	104903	50.925	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.860%
24) Chloroform-d	4.352	84	86982	5.373	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.034	65	41048	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.053	84	166885	4.885	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.072	67	53120	5.250	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.320	98	139235	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.628	79	15723	4.685	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.600%
46) 2-Hexanone-d5	8.091	63	82864	61.263	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39027	5.694	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	56760	5.654	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds					Qvalue	
13) Acetone	2.191	43	3732m	3.249	ug/L	
17) Methyl tert-butyl Ether	2.770	73	17666	1.058	ug/L	97
19) 1,1-Dichloroethane	3.201	63	2092	0.155	ug/L #	78
22) cis-1,2-Dichloroethene	3.915	96	22121	2.809	ug/L	98
34) Trichloroethene	5.921	95	7961	0.947	ug/L	95
42) Toluene	7.400	91	8263	0.263	ug/L	94
47) Tetrachloroethene	7.979	164	43828	6.447	ug/L	97
53) m,p-xylene	9.146	106	1295	0.104	ug/L	72

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

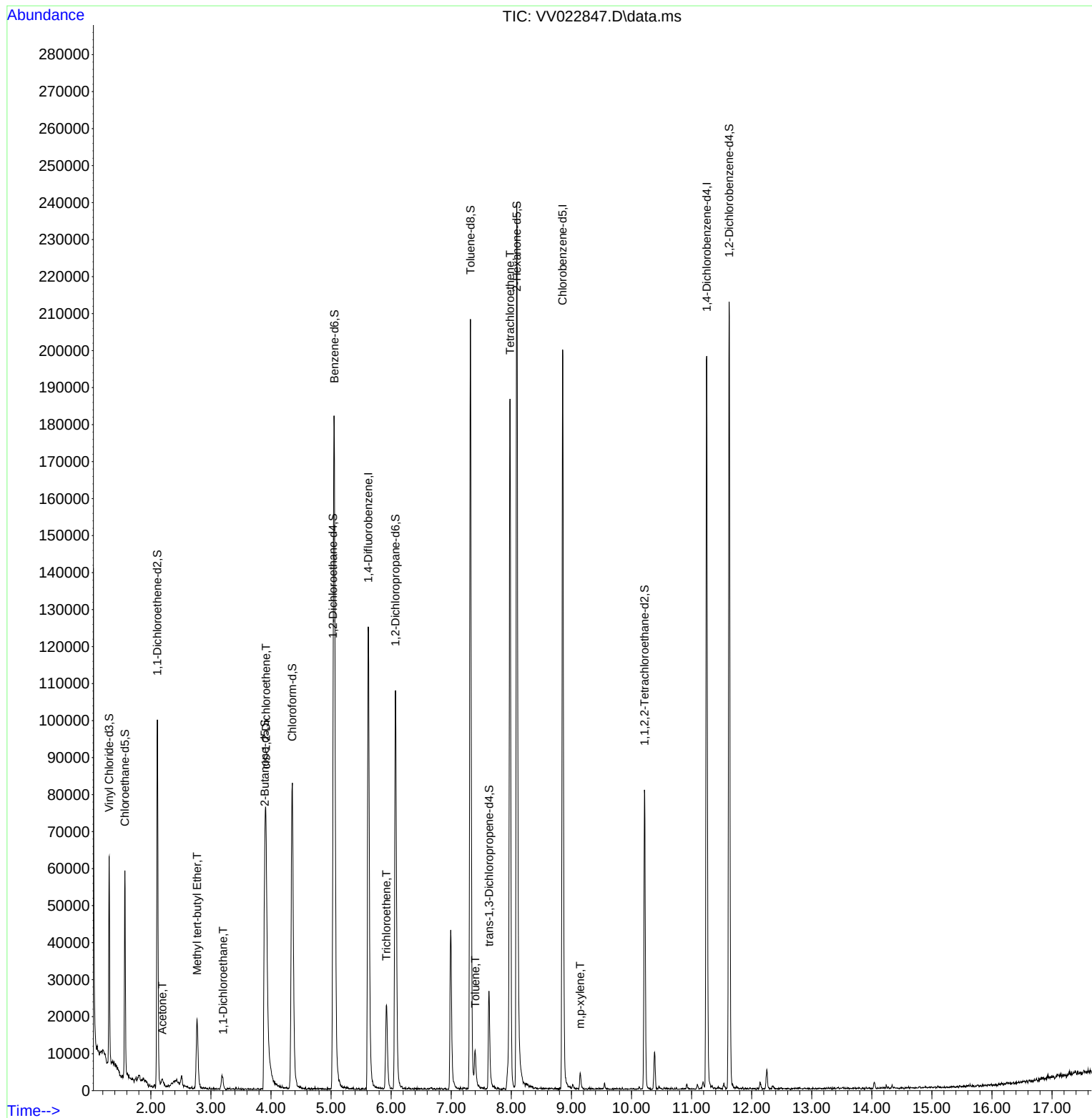
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101521\
Data File : VV022847.D
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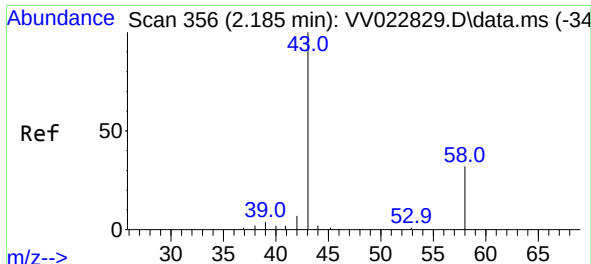
Instrument :
MSVOA_V
ClientSampleId :
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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





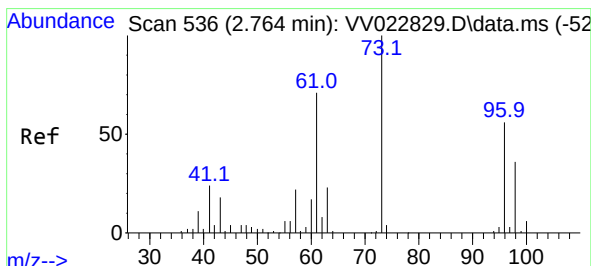
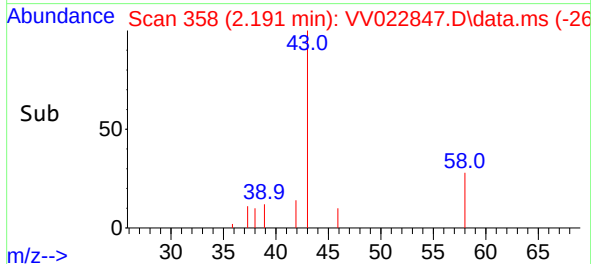
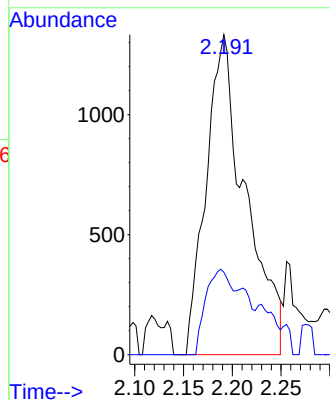
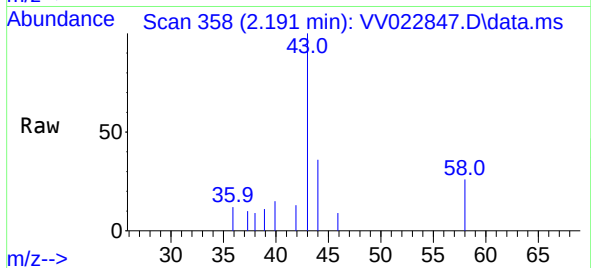
#13
Acetone
Concen: 3.249 ug/L m
RT: 2.191 min Scan# 358
Delta R.T. 0.006 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

Tgt Ion: 43 Resp: 3732
Ion Ratio Lower Upper
43 100
58 18.5 0.0 24.2

Instrument :
MSVOA_V
ClientSampleId :
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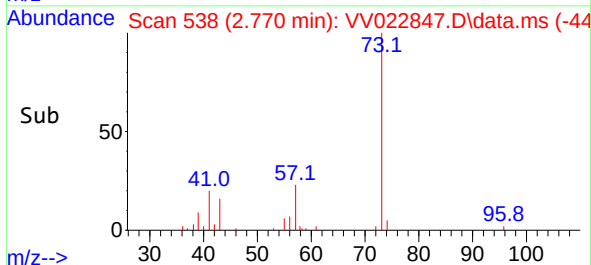
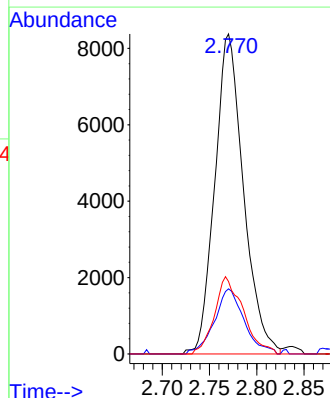
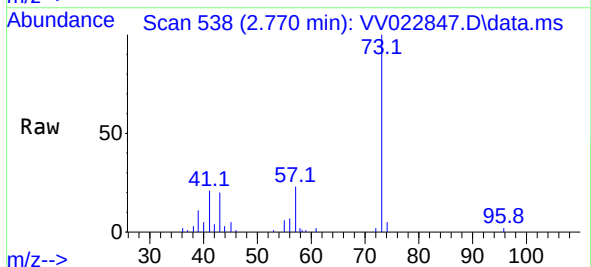
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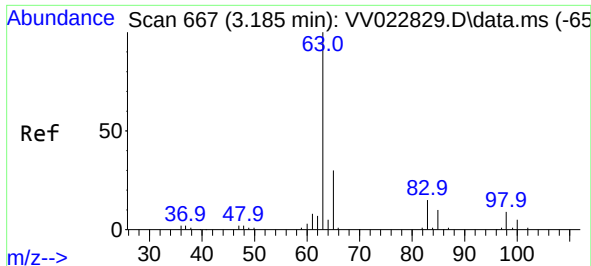
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#17
Methyl tert-butyl Ether
Concen: 1.058 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.006 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

Tgt Ion: 73 Resp: 17666
Ion Ratio Lower Upper
73 100
43 21.1 17.1 25.7
57 24.2 17.2 25.8





#19

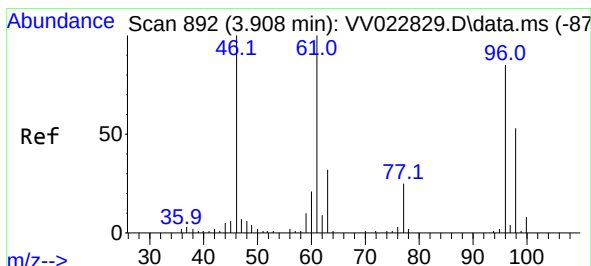
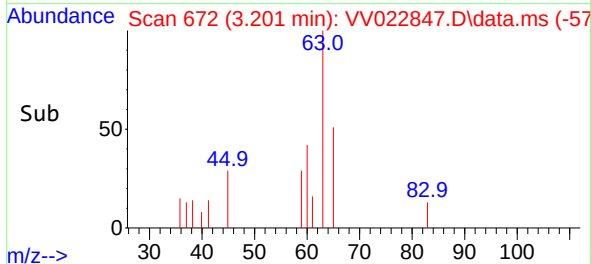
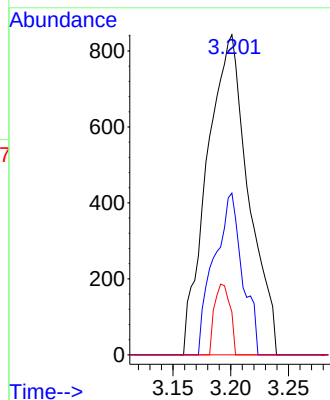
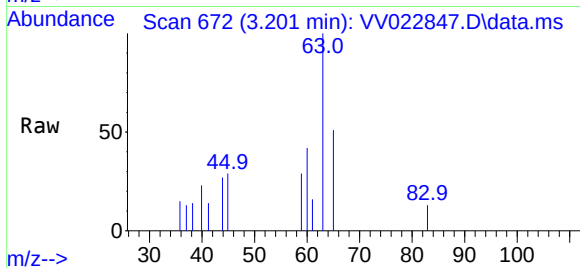
1,1-Dichloroethane
Concen: 0.155 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.016 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

Tgt Ion: 63 Resp: 2092
Ion Ratio Lower Upper
63 100
65 50.5 23.5 43.7#
83 13.4 10.1 18.7

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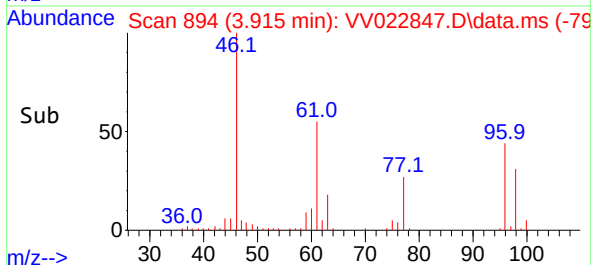
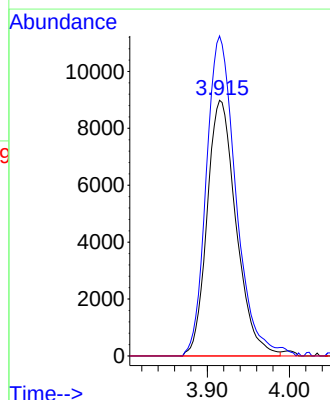
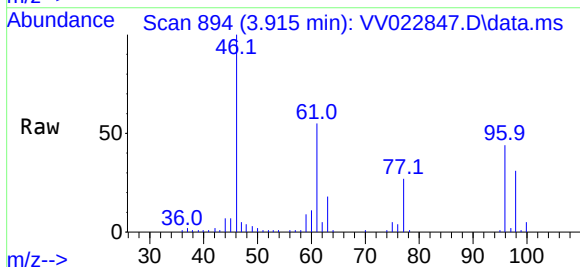
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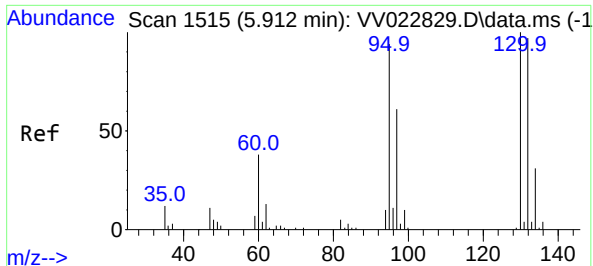


#22

cis-1,2-Dichloroethene
Concen: 2.809 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022847.D
Acq: 15 Oct 2021 19:29

Tgt Ion: 96 Resp: 22121
Ion Ratio Lower Upper
96 100
61 125.2 86.0 159.6
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 0.947 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.010 min

Lab File: VV022847.D

Acq: 15 Oct 2021 19:29

Tgt Ion: 95 Resp: 7961

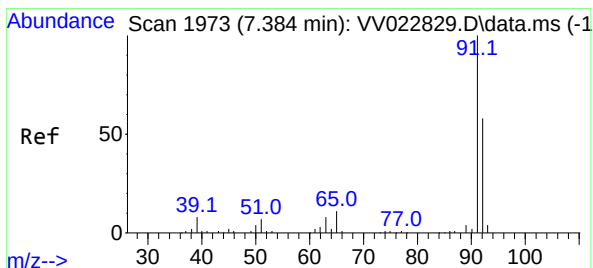
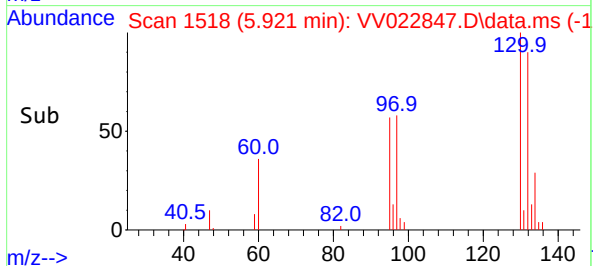
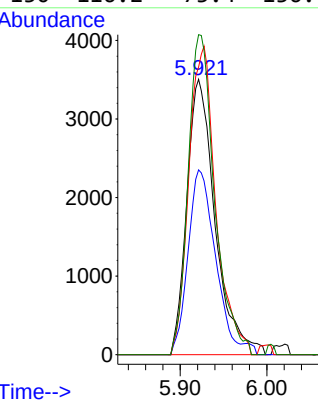
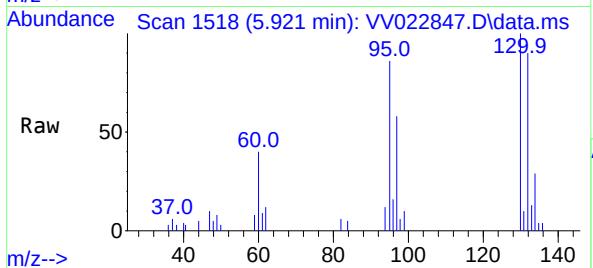
Ion Ratio Lower Upper

95 100

97 67.1 45.8 85.2

132 104.5 72.2 134.0

130 116.2 73.4 136.4



#42

Toluene

Concen: 0.263 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.016 min

Lab File: VV022847.D

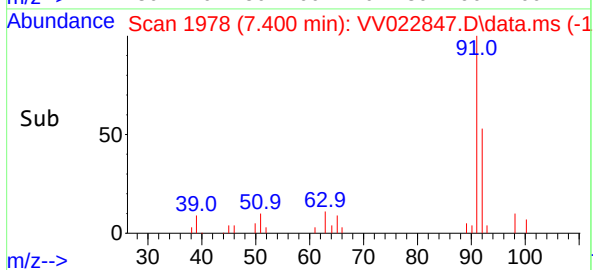
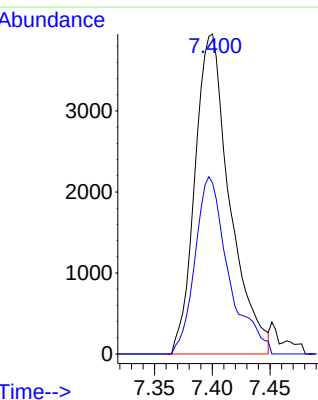
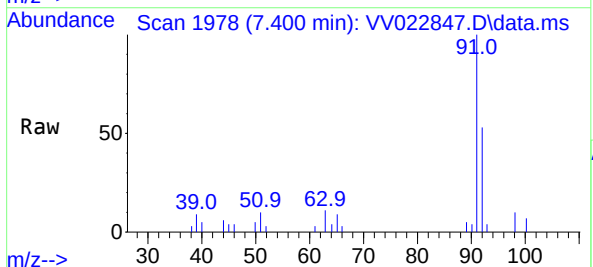
Acq: 15 Oct 2021 19:29

Tgt Ion: 91 Resp: 8263

Ion Ratio Lower Upper

91 100

92 53.5 40.7 75.7



Instrument :

MSVOA_V

ClientSampled :

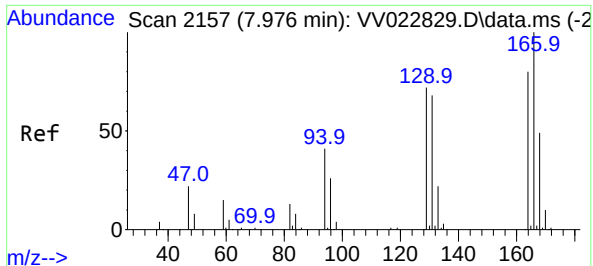
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#47

Tetrachloroethene

Concen: 6.447 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022847.D

Acq: 15 Oct 2021 19:29

Tgt Ion:164 Resp: 43828

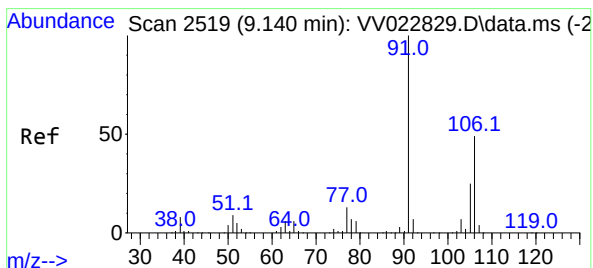
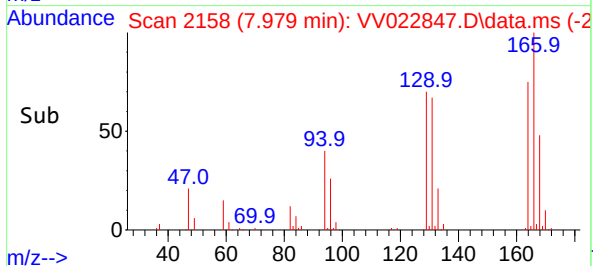
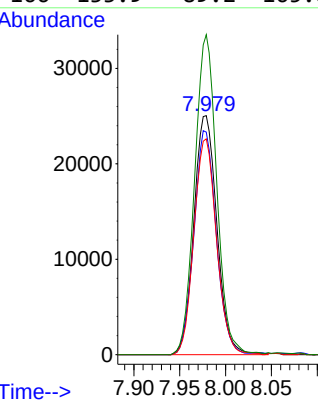
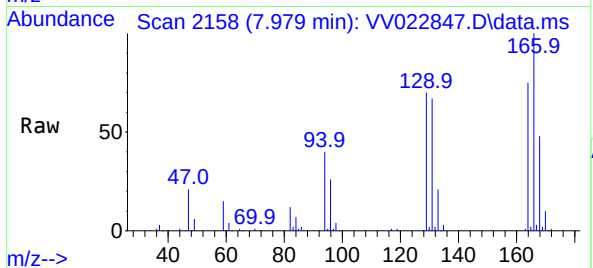
Ion Ratio Lower Upper

164 100

129 93.1 65.0 120.6

131 90.3 62.2 115.4

166 133.9 89.2 165.8



#53

m,p-xylene

Concen: 0.104 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.006 min

Lab File: VV022847.D

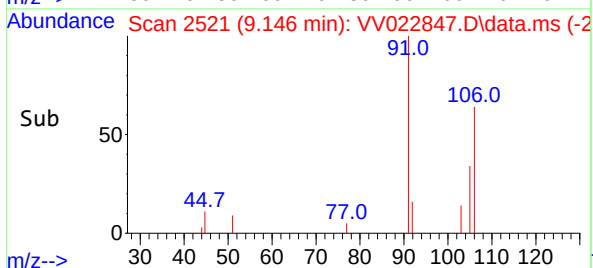
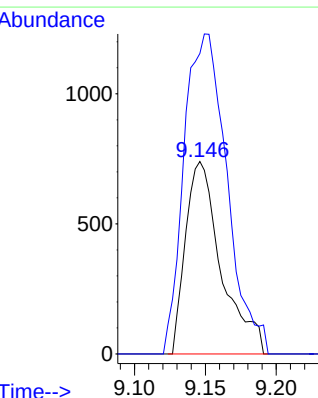
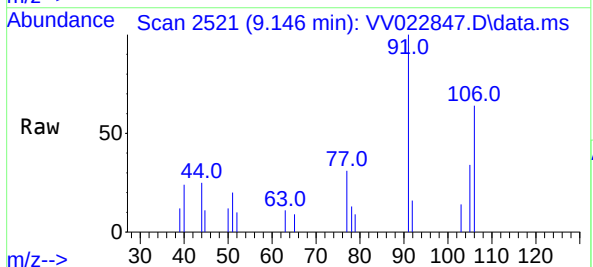
Acq: 15 Oct 2021 19:29

Tgt Ion:106 Resp: 1295

Ion Ratio Lower Upper

106 100

91 156.1 138.7 257.5



Instrument :

MSVOA_V

ClientSampled :

BFG98

Manual Integrations

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