

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012822\
 Data File : VV024492.D
 Acq On : 28 Jan 2022 17:38
 Operator : SY/MD
 Sample : N1328-02DL 100X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0HM1DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

Quant Time: Jan 29 03:51:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 03:50:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125572	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	136122	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64728	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40586	3.689	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.568	69	41051	4.278	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.108	63	79483	3.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.600%
20) 2-Butanone-d5	3.915	46	76567m	43.669	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.340%
24) Chloroform-d	4.349	84	100199	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.034	65	47104	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.050	84	173931	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
36) 1,2-Dichloropropane-d6	6.072	67	60460	4.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.317	98	137193	3.678	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	7.625	79	17023	3.872	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.092	63	71882	47.822	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37907	4.975	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	53608	4.830	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.600%
Target Compounds						
12) 1,1-Dichloroethene	2.118	96	26811	2.841	ug/L #	64
19) 1,1-Dichloroethane	3.191	63	2286	0.135	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	37626	4.137	ug/L	94
25) Chloroform	4.378	83	4331	0.226	ug/L	87
29) 1,1,1-Trichloroethane	4.613	97	19077	1.208	ug/L	98
34) Trichloroethene	5.915	95	74459	7.230	ug/L	95
47) Tetrachloroethene	7.976	164	228074	28.114	ug/L	97

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

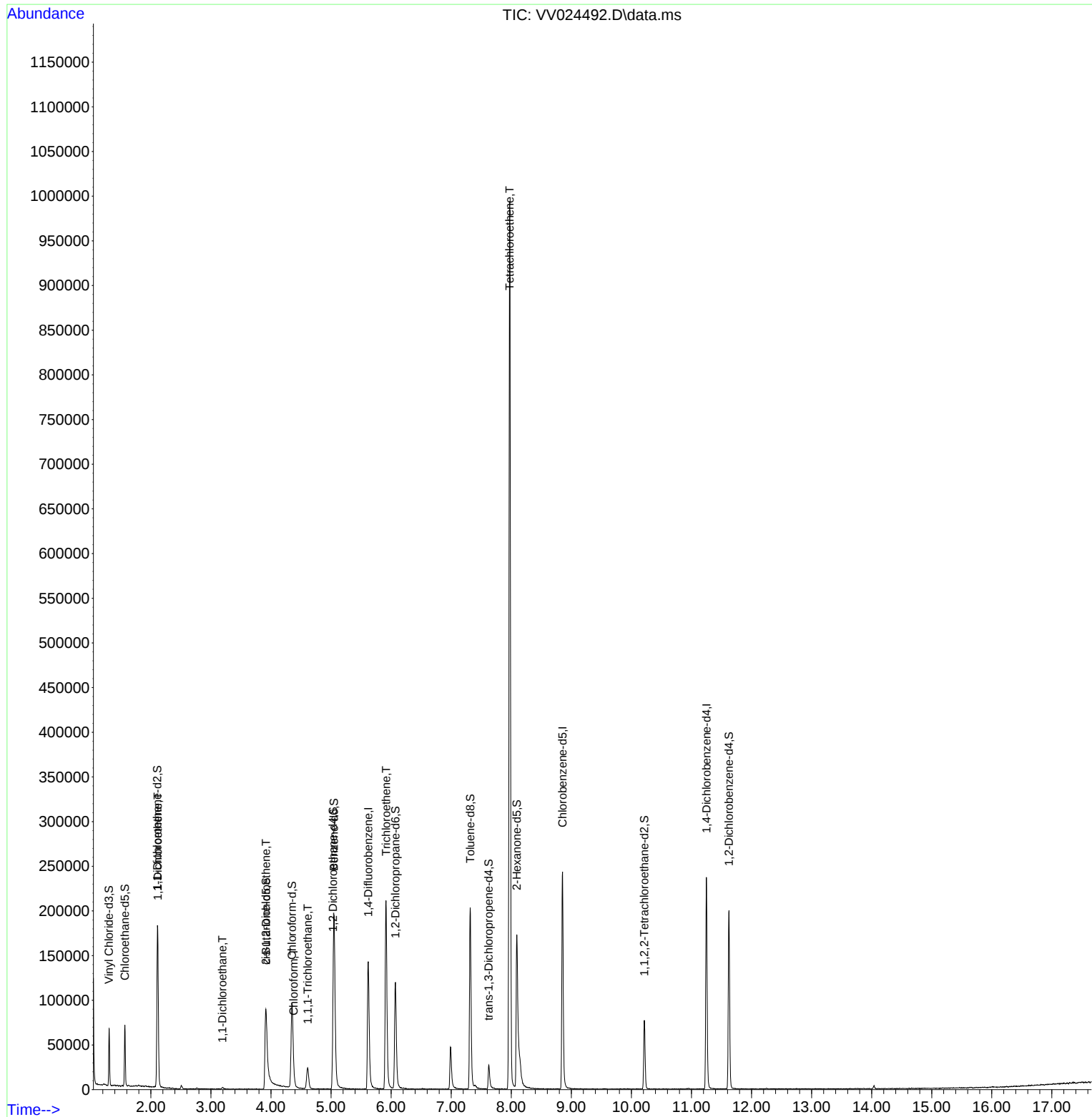
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012822\
Data File : VV024492.D
Acq On : 28 Jan 2022 17:38
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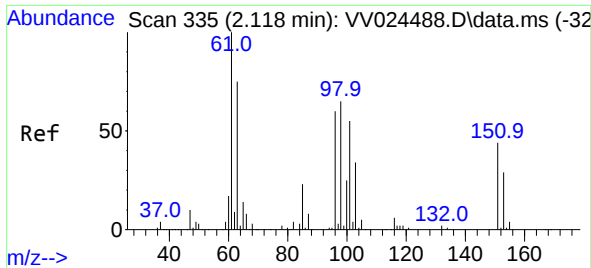
Instrument :
MSVOA_V
ClientSampleId :
C0HM1DL

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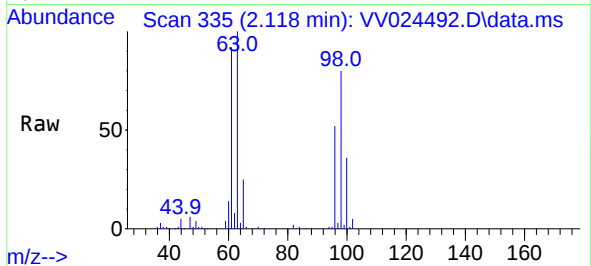
Quant Time: Jan 29 03:51:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 29 03:50:16 2022
Response via : Initial Calibration





#12
1,1-Dichloroethene
Concen: 2.841 ug/L
RT: 2.118 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV024492.D
Acq: 28 Jan 2022 17:38

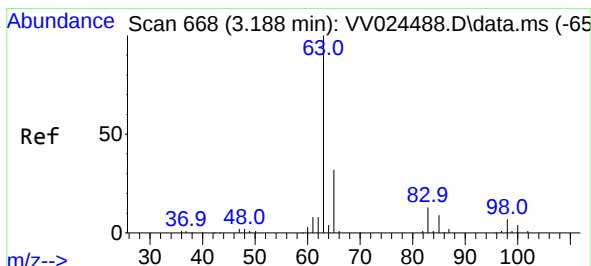
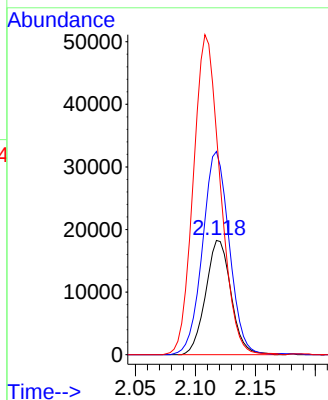
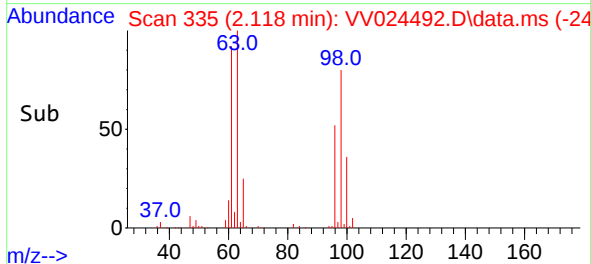
Instrument :
MSVOA_V
ClientSampleId :
C0HM1DL



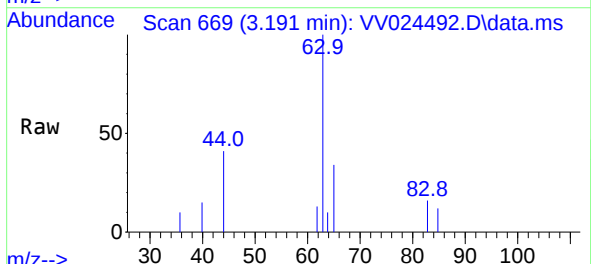
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Ion Ratio Lower Upper
96 100
61 177.8 116.1 215.5
63 193.6 79.4 147.4

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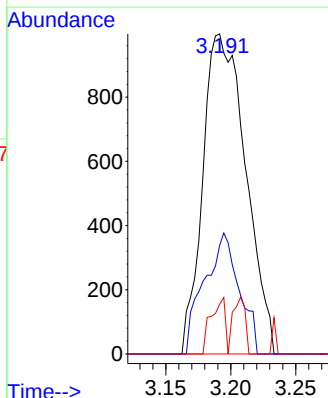
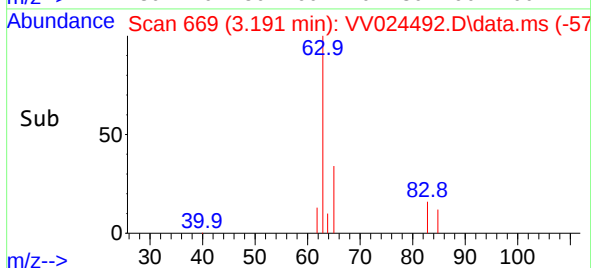
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

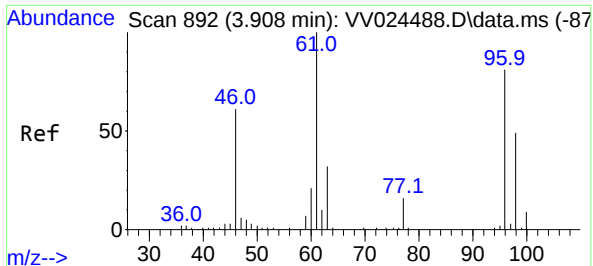


#19
1,1-Dichloroethane
Concen: 0.135 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024492.D
Acq: 28 Jan 2022 17:38



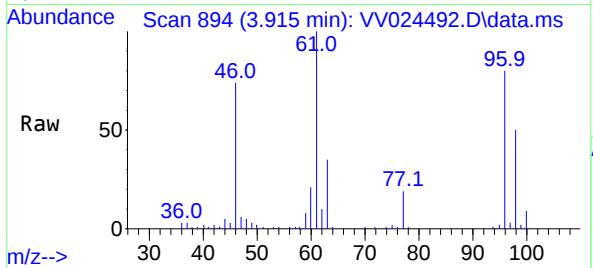
Tgt Ion: 63 Resp: 2286
Ion Ratio Lower Upper
63 100
65 30.7 22.3 41.3
83 14.1 10.7 19.9





#22
cis-1,2-Dichloroethene
Concen: 4.137 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV024492.D
Acq: 28 Jan 2022 17:38

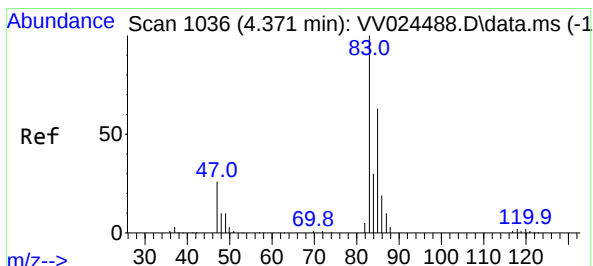
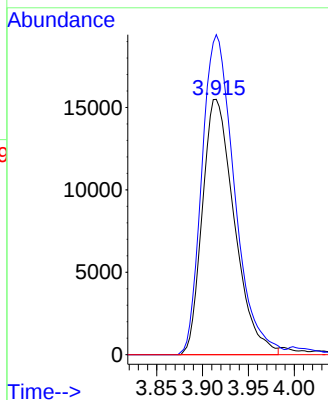
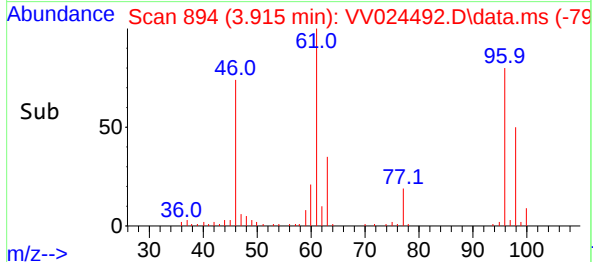
Instrument :
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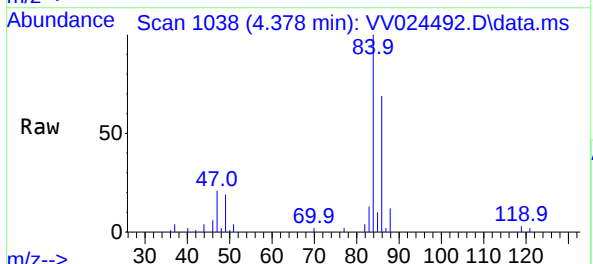
Tgt Ion: 96 Resp: 37620
Ion Ratio Lower Upper
96 100
61 125.3 83.4 154.8
68 0.0 0.0 0.0

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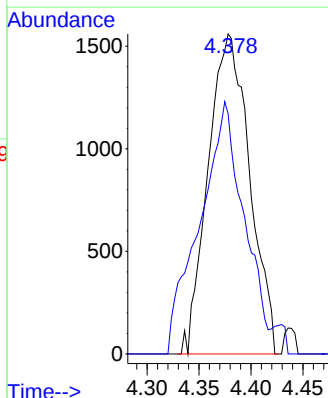
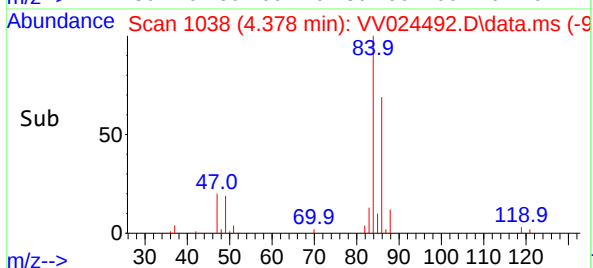
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

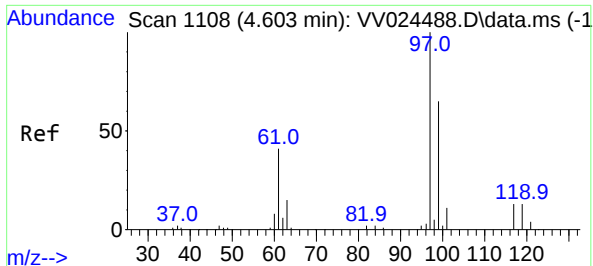


#25
Chloroform
Concen: 0.226 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV024492.D
Acq: 28 Jan 2022 17:38



Tgt Ion: 83 Resp: 4331
Ion Ratio Lower Upper
83 100
85 75.1 45.2 84.0





#29

1,1,1-Trichloroethane

Concen: 1.208 ug/L

RT: 4.613 min Scan# 1108

Delta R.T. 0.010 min

Lab File: VV024492.D

Acq: 28 Jan 2022 17:38

Instrument :

MSVOA_V

ClientSampleId :

C0HM1DL

Tgt Ion: 97 Resp: 1907

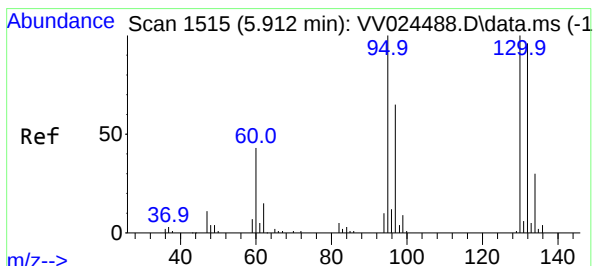
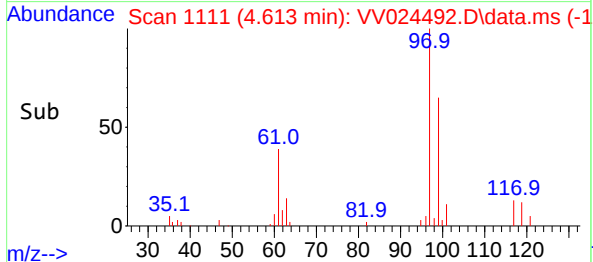
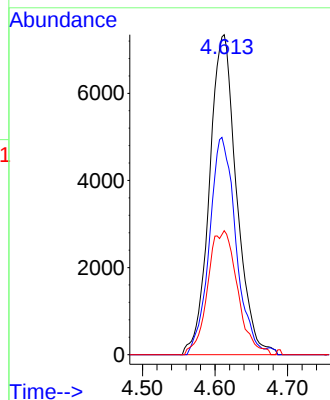
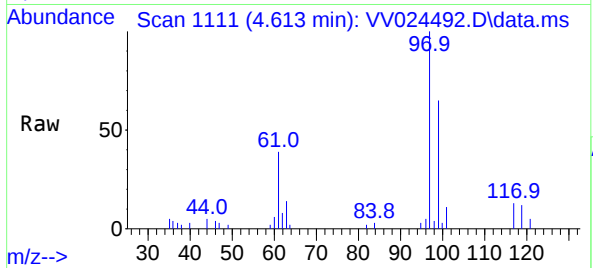
Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.9	77.9
61	42.5	33.2	49.8

Manual Integrations

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#34

Trichloroethene

Concen: 7.230 ug/L

RT: 5.915 min Scan# 1516

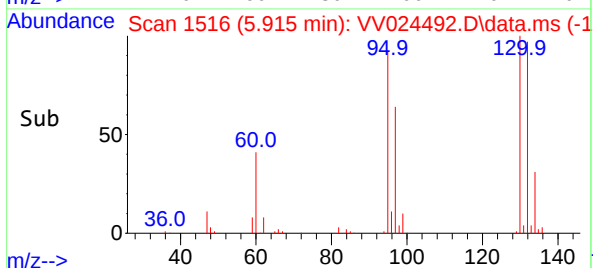
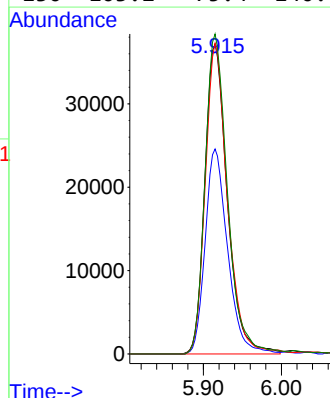
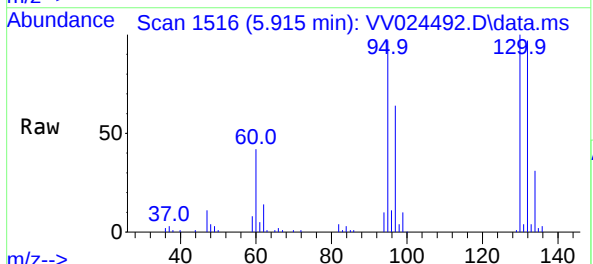
Delta R.T. 0.003 min

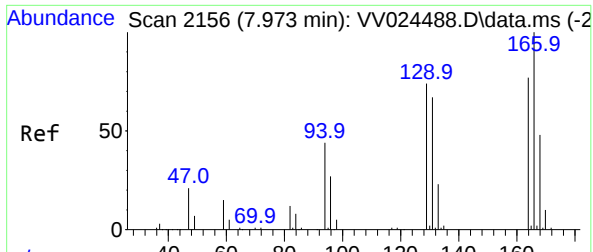
Lab File: VV024492.D

Acq: 28 Jan 2022 17:38

Tgt Ion: 95 Resp: 74459

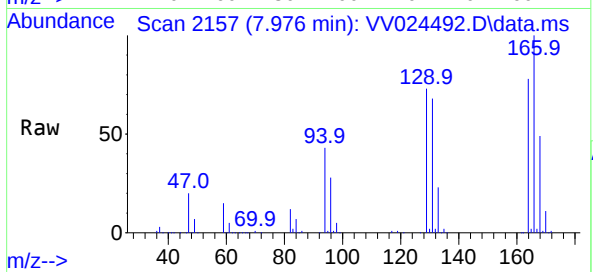
Ion	Ratio	Lower	Upper
95	100		
97	66.2	45.2	84.0
132	100.2	76.1	141.3
130	103.2	75.4	140.0





#47
Tetrachloroethene
Concen: 28.114 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV024492.D
Acq: 28 Jan 2022 17:38

Instrument :
MSVOA_V
ClientSampleId :
C0HM1DL



Tgt Ion:164 Resp: 228074

Ion	Ratio	Lower	Upper
164	100		
129	93.8	62.6	116.2
131	87.2	61.0	113.4
166	128.8	87.3	162.1

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