

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029863.D
 Acq On : 14 Jan 2023 17:11
 Operator : SY/MD
 Sample : 01138-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH1Y2

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

Quant Time: Jan 16 03:36:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	187114	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	184996	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	97005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65813	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.564	69	61729	5.247	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.105	63	107934	4.172	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.400%
20) 2-Butanone-d5	3.899	46	158855	63.150	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	126.300%
24) Chloroform-d	4.339	84	140572	5.399	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.000%
26) 1,2-Dichloroethane-d4	5.027	65	65673	5.956	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.200%
32) Benzene-d6	5.043	84	289977	5.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
36) 1,2-Dichloropropane-d6	6.063	67	92560	5.763	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.200%
41) Toluene-d8	7.310	98	247681	4.875	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.616	79	25954	4.425	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.085	63	141808	59.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.780%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	70222	5.967	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	11.612	152	97565	5.532	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.600%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1564	0.085	ug/L	92
5) Vinyl chloride	1.307	62	2964	0.165	ug/L #	59
12) 1,1-Dichloroethene	2.114	96	34947	2.187	ug/L #	53
14) Carbon disulfide	2.291	76	5085	0.111	ug/L #	88
17) Methyl tert-butyl Ether	2.767	73	5675	0.205	ug/L	96
19) 1,1-Dichloroethane	3.185	63	43320	1.744	ug/L	99
22) cis-1,2-Dichloroethene	3.908	96	1401m	0.089	ug/L	
34) Trichloroethene	5.908	95	82026	5.292	ug/L	95
53) m,p-Xylene	9.136	106	1283	0.047	ug/L	99

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

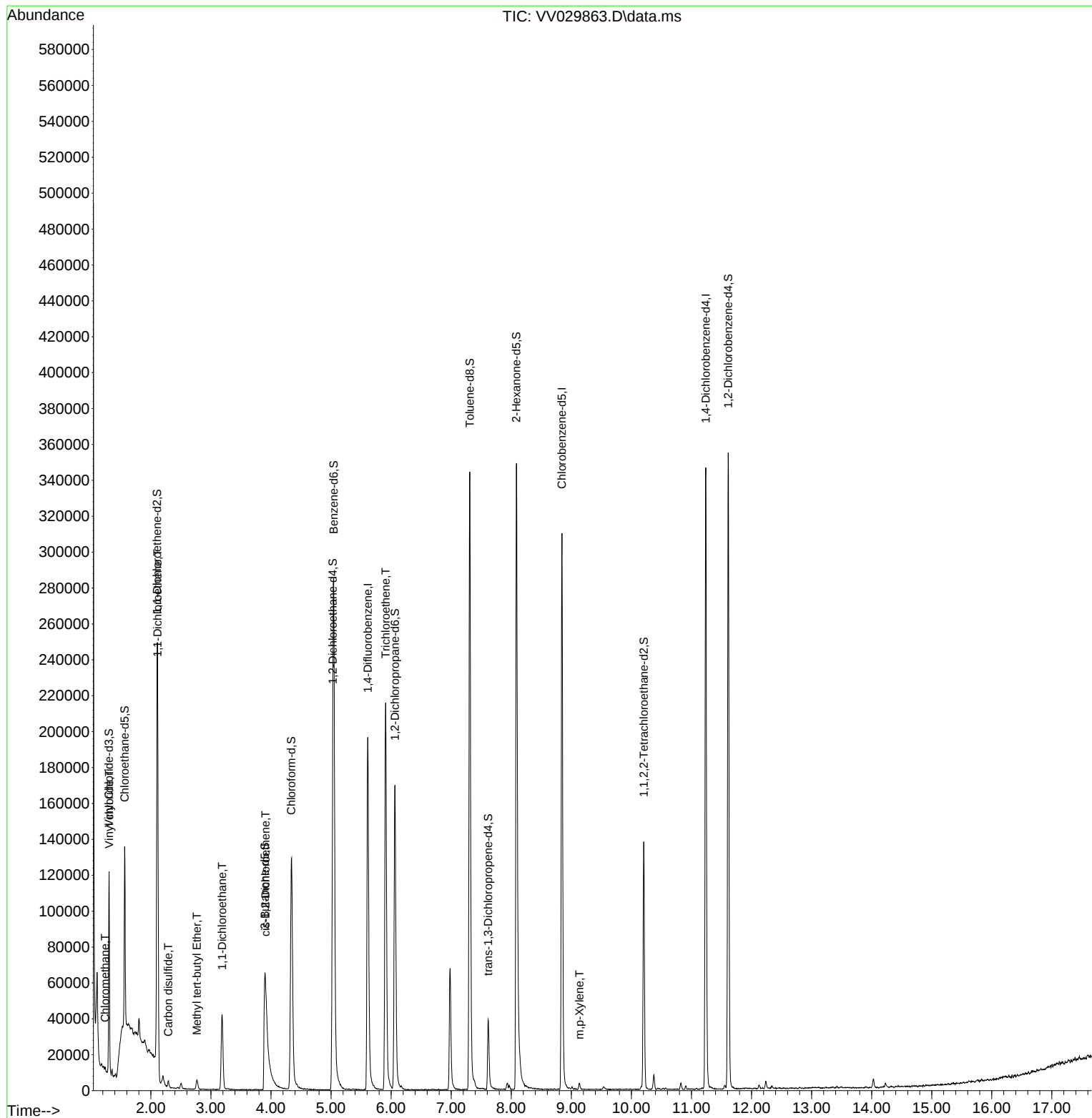
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029863.D
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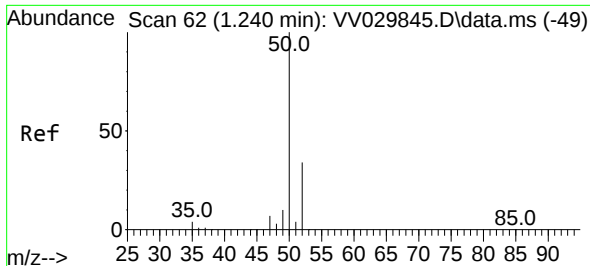
Instrument :
MSVOA_V
ClientSampleId :
BH1Y2

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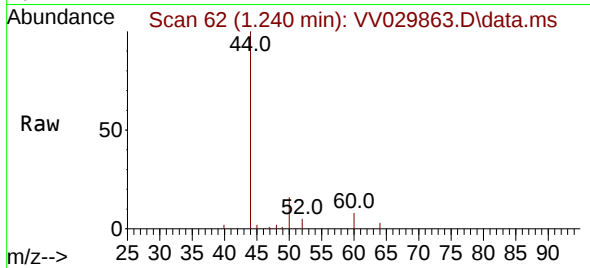
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration





#3
Chloromethane
Concen: 0.085 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029863.D
Acq: 14 Jan 2023 17:11

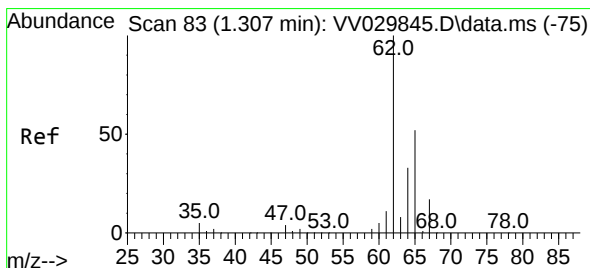
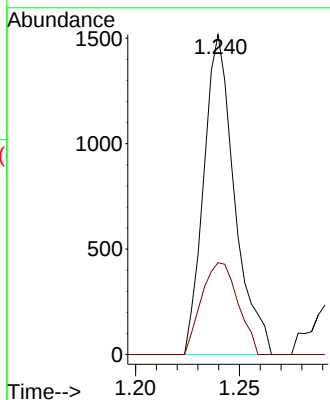
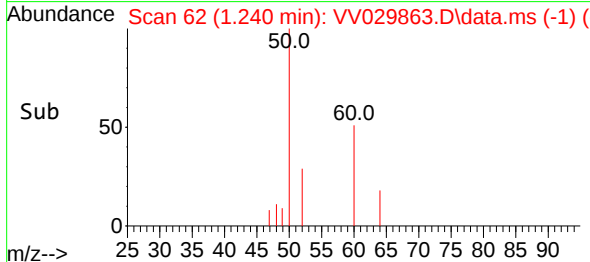
Instrument :
MSVOA_V
ClientSampleId :
BH1Y2



Tgt Ion: 50 Resp: 1564
Ion Ratio Lower Upper
50 100
52 28.7 23.1 42.9

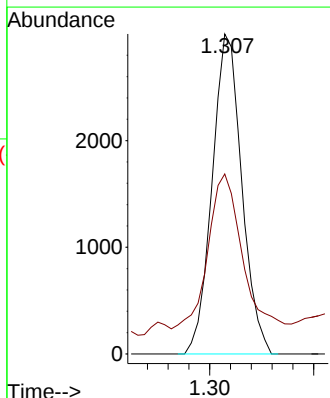
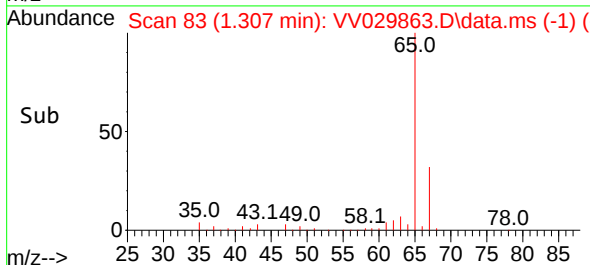
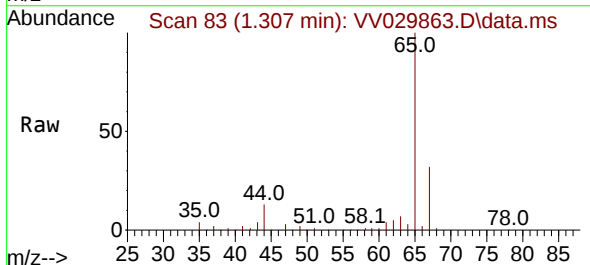
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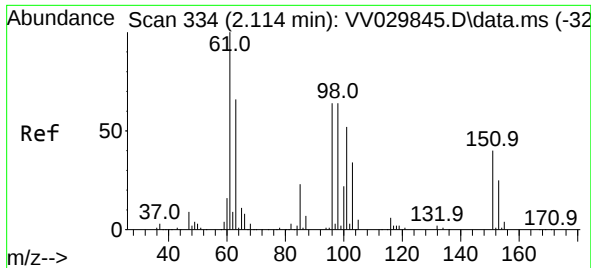
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#5
Vinyl chloride
Concen: 0.165 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV029863.D
Acq: 14 Jan 2023 17:11

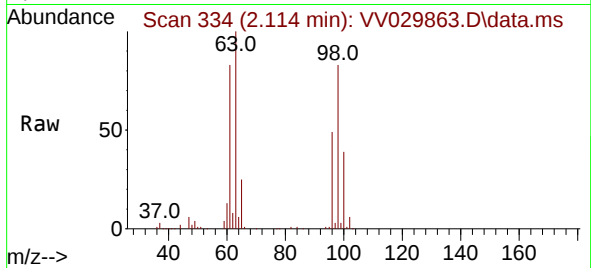
Tgt Ion: 62 Resp: 2964
Ion Ratio Lower Upper
62 100
64 56.2 23.2 43.2#





#12
1,1-Dichloroethene
Concen: 2.187 ug/L
RT: 2.114 min Scan# 311
Delta R.T. 0.003 min
Lab File: VV029863.D
Acq: 14 Jan 2023 17:11

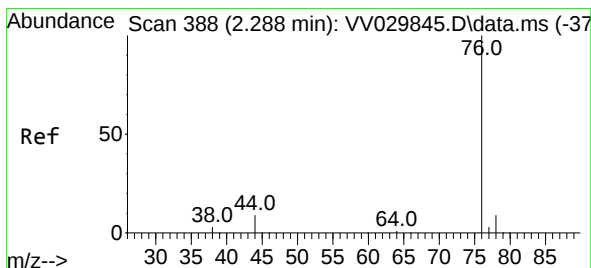
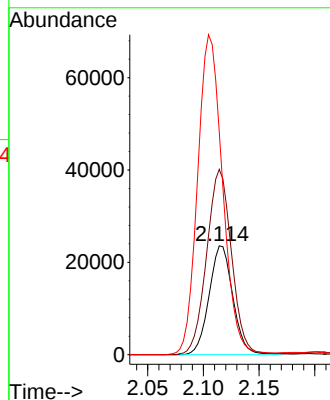
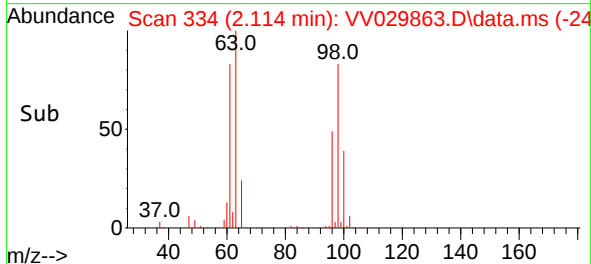
Instrument :
MSVOA_V
ClientSampleId :
BH1Y2



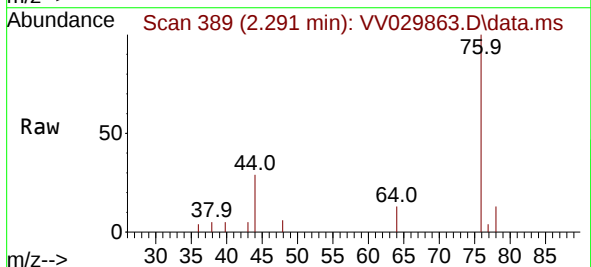
Tgt Ion: 96 Resp: 3494
Ion Ratio Lower Upper
96 100
61 170.3 106.1 197.1
63 205.2 76.4 141.8

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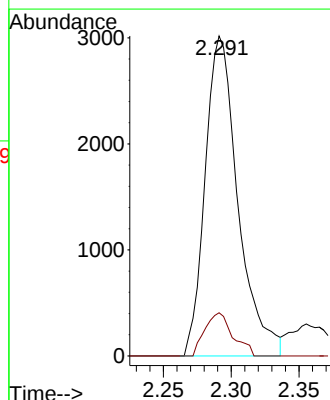
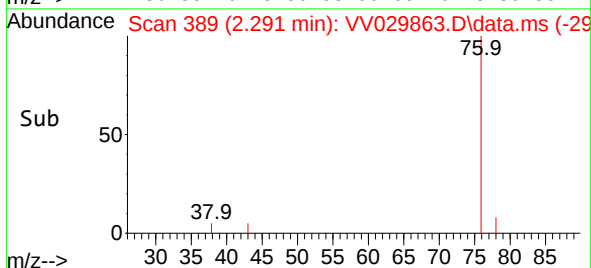
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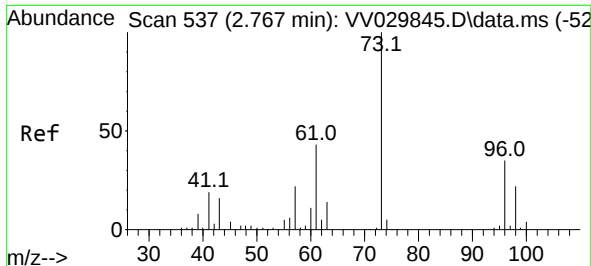


#14
Carbon disulfide
Concen: 0.111 ug/L
RT: 2.291 min Scan# 389
Delta R.T. 0.006 min
Lab File: VV029863.D
Acq: 14 Jan 2023 17:11



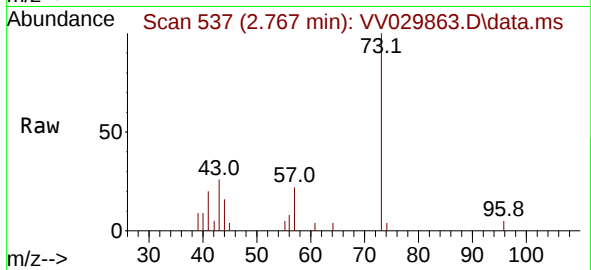
Tgt Ion: 76 Resp: 5085
Ion Ratio Lower Upper
76 100
78 13.5 7.4 11.0





#17
Methyl tert-butyl Ether
Concen: 0.205 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029863.D
Acq: 14 Jan 2023 17:11

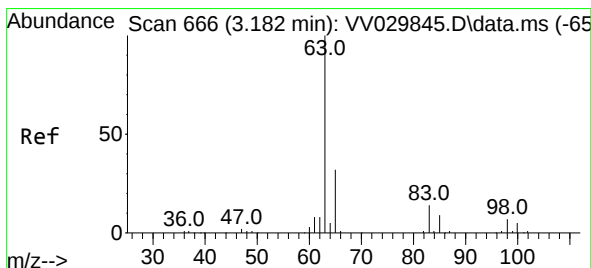
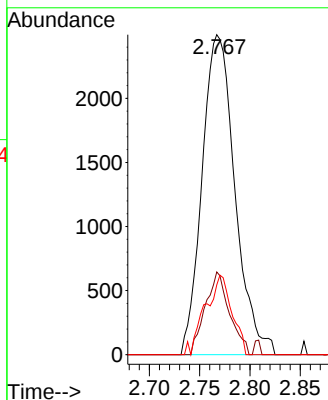
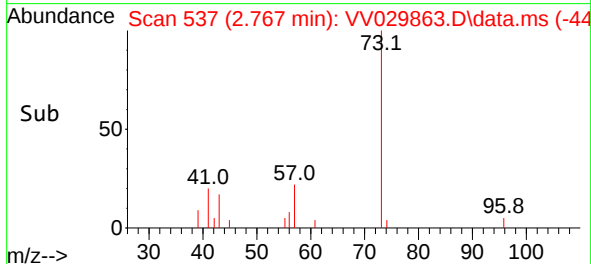
Instrument :
MSVOA_V
ClientSampleId :
BH1Y2



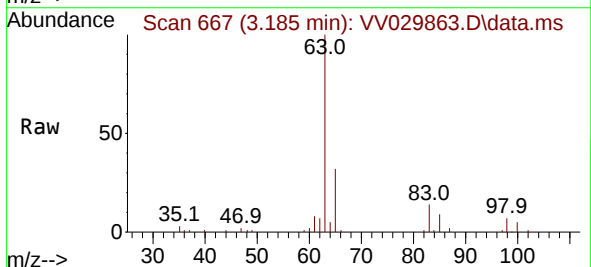
Tgt Ion: 73 Resp: 567
Ion Ratio Lower Upper
73 100
43 19.1 13.0 19.4
57 20.1 17.1 25.7

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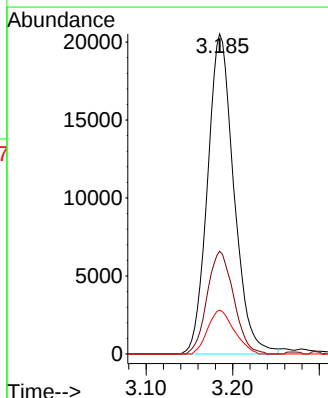
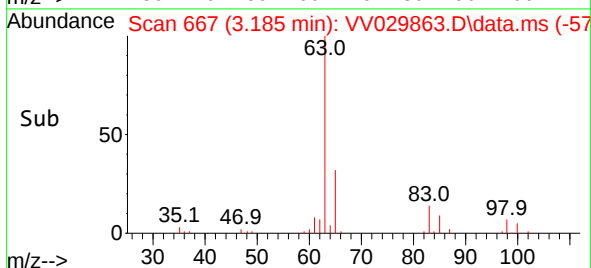
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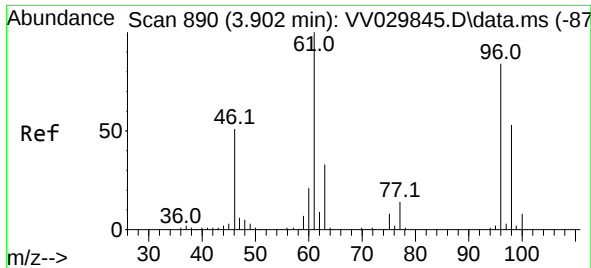


#19
1,1-Dichloroethane
Concen: 1.744 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.006 min
Lab File: VV029863.D
Acq: 14 Jan 2023 17:11



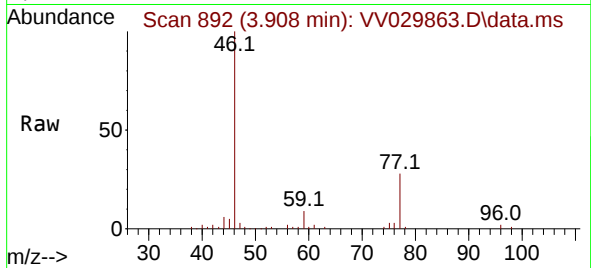
Tgt Ion: 63 Resp: 43320
Ion Ratio Lower Upper
63 100
65 32.1 22.4 41.6
83 13.7 10.2 19.0





#22
cis-1,2-Dichloroethene
Concen: 0.089 ug/L m
RT: 3.908 min Scan# 890
Delta R.T. 0.010 min
Lab File: VV029863.D
Acq: 14 Jan 2023 17:11

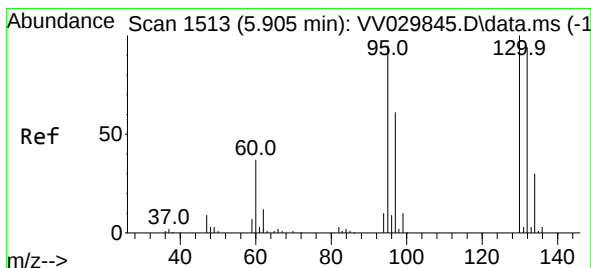
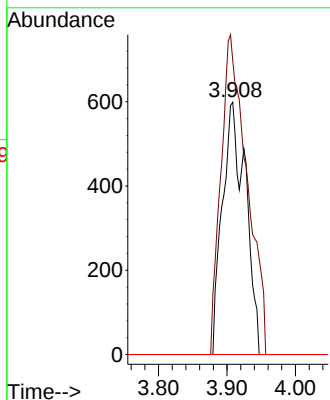
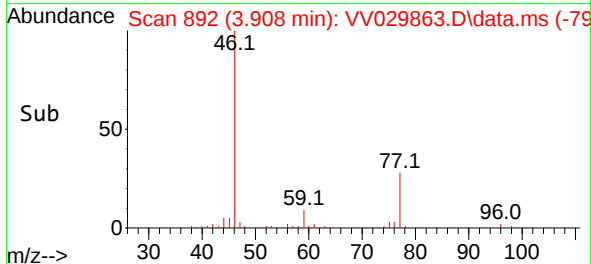
Instrument :
MSVOA_V
ClientSampleId :
BH1Y2



Tgt Ion: 96 Resp: 140
Ion Ratio Lower Upper
96 100
61 116.4 80.0 148.6
68 0.0 0.0 0.0

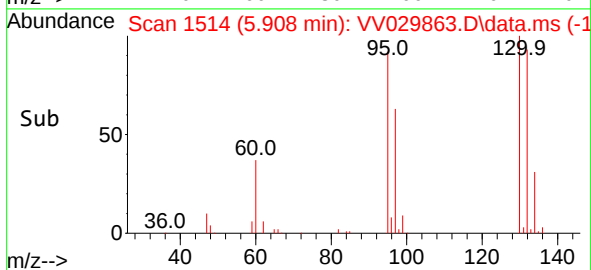
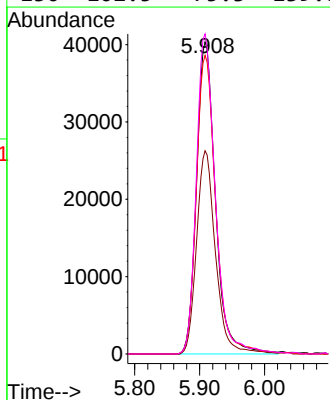
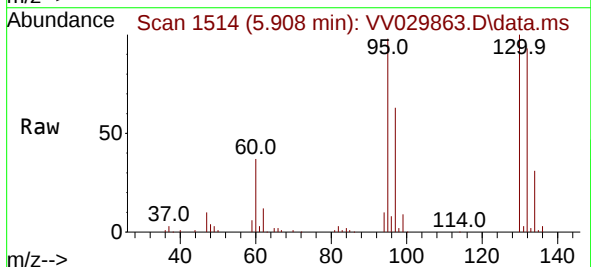
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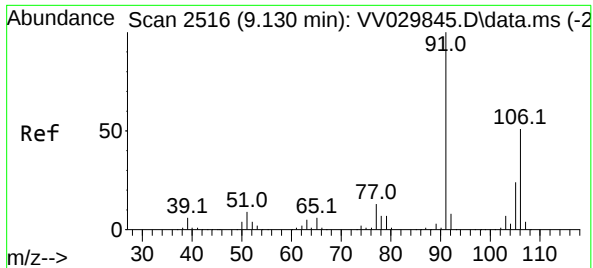
Reviewed By :John Carlone 01/16/2023
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#34
Trichloroethene
Concen: 5.292 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029863.D
Acq: 14 Jan 2023 17:11

Tgt Ion: 95 Resp: 82026
Ion Ratio Lower Upper
95 100
97 65.1 44.9 83.3
132 95.6 71.8 133.4
130 102.5 75.3 139.8





#53
 m,p-Xylene
 Concen: 0.047 ug/L
 RT: 9.136 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV029863.D
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Instrument :
 MSVOA_V
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Tgt Ion:106 Resp: 128
 Ion Ratio Lower Upper
 106 100
 91 199.1 138.7 257.7

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