

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111521\
 Data File : VW023517.D
 Acq On : 16 Nov 2021 05:05
 Operator : SY/MD
 Sample : M4694-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4672

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/16/2021
 Supervised By : Mahesh Dadoda 11/16/2021

Quant Time: Nov 16 07:48:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 16 02:06:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	126937	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57906	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	39323	4.864	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	97.200%	
7) Chloroethane-d5	1.571	69	31399	4.765	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	95.400%	
11) 1,1-Dichloroethene-d2	2.111	63	53883	3.560	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.200%	
20) 2-Butanone-d5	3.889	46	76413	54.862	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.720%	
24) Chloroform-d	4.352	84	75659	4.391	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.800%	
26) 1,2-Dichloroethane-d4	5.037	65	36566	4.720	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.053	84	148876	4.571	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.072	67	43417	4.528	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.600%	
41) Toluene-d8	7.317	98	127842	4.189	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15108	4.156	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.088	63	53888	40.288	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29388	4.262	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	48040	4.982	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	98176	9.188	ug/L	99
12) 1,1-Dichloroethene	2.121	96	2004	0.260	ug/L #	1
13) Acetone	2.182	43	3218m	3.781	ug/L	
17) Methyl tert-butyl Ether	2.767	73	101791	6.009	ug/L	97
18) trans-1,2-Dichloroethene	2.764	96	71341	7.541	ug/L	96
19) 1,1-Dichloroethane	3.195	63	11373	0.712	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	781387	85.824	ug/L #	91
33) Benzene	5.108	78	10053	0.283	ug/L	100
34) Trichloroethene	5.915	95	250665	26.568	ug/L	97
47) Tetrachloroethene	7.979	164	4938	0.604	ug/L	94

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

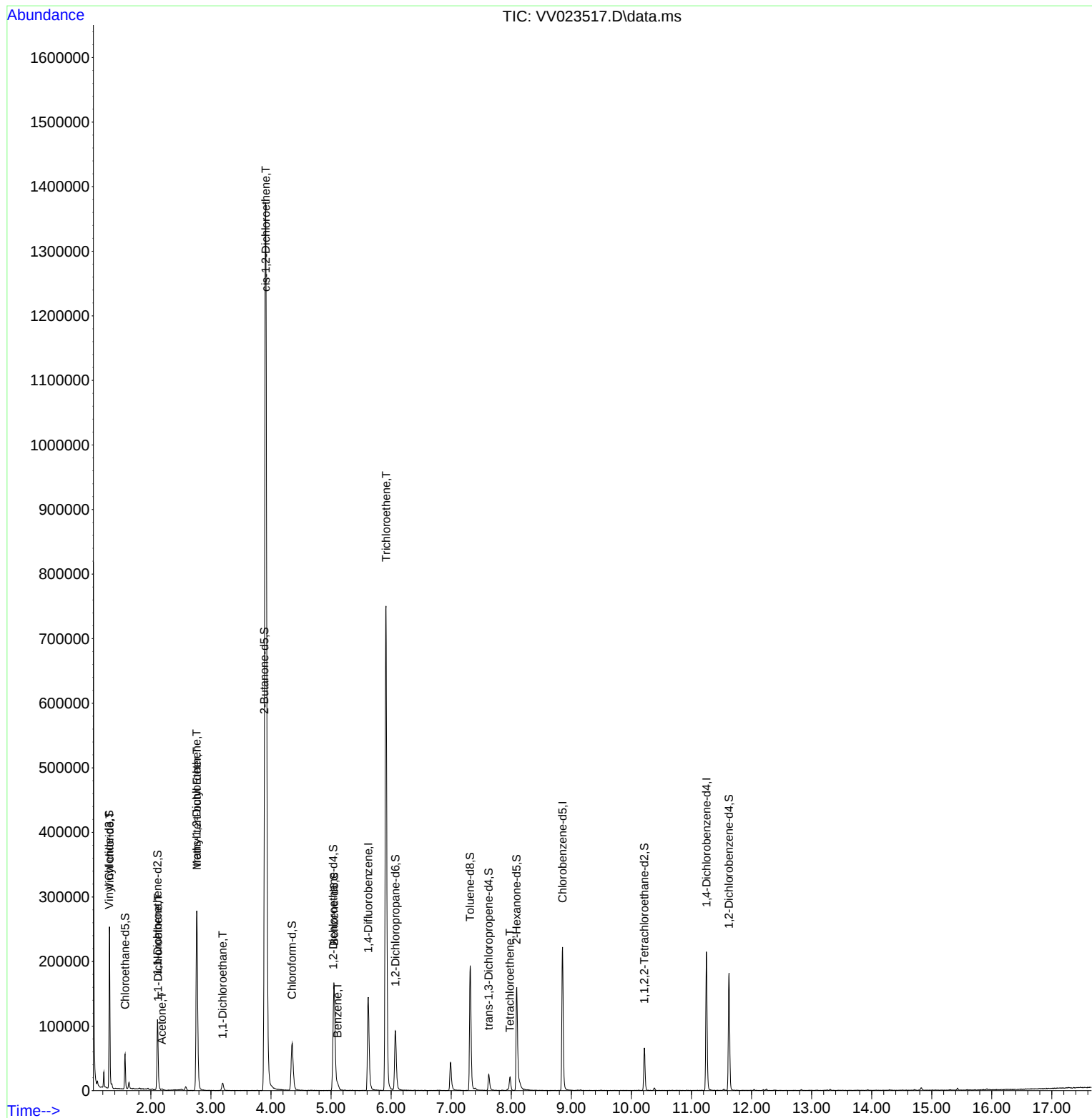
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111521\
Data File : VV023517.D
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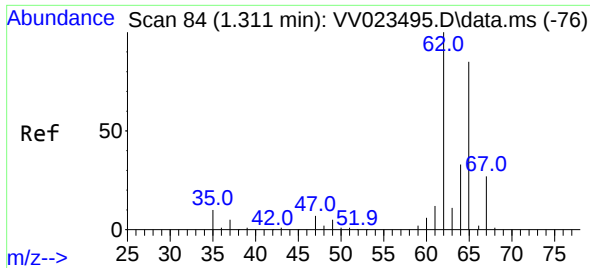
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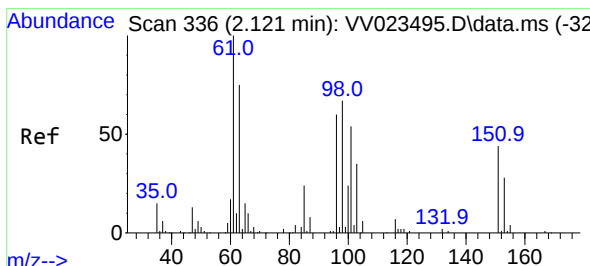
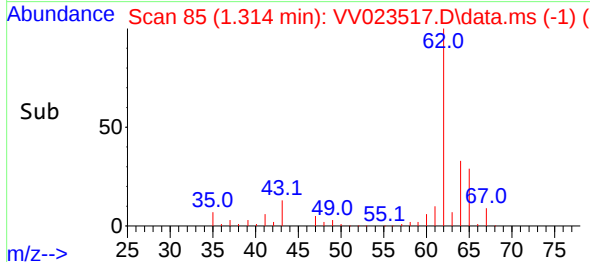
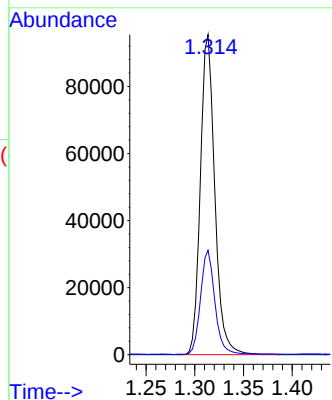
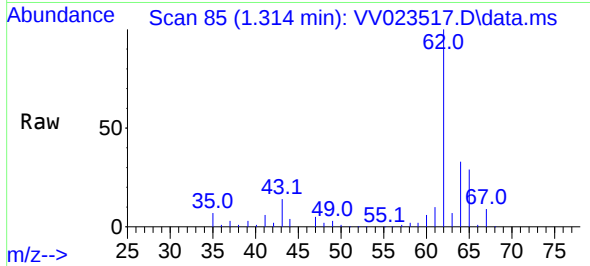
#5
 Vinyl chloride
 Concen: 9.188 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023517.D
 Acq: 16 Nov 2021 05:05

Instrument :
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 ClientSampleId :
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Tgt Ion: 62 Resp: 98170
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.1 42.9

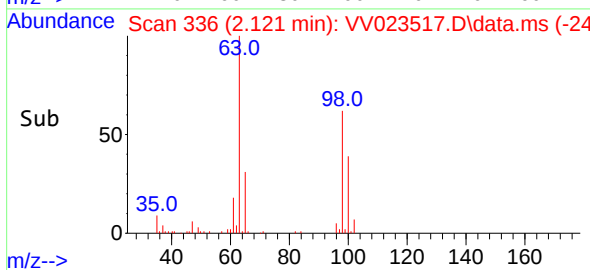
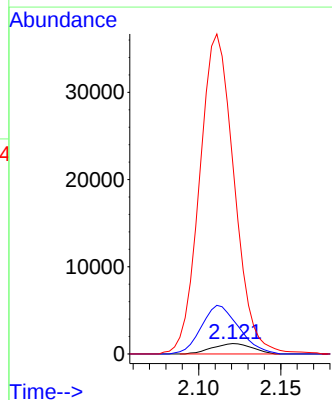
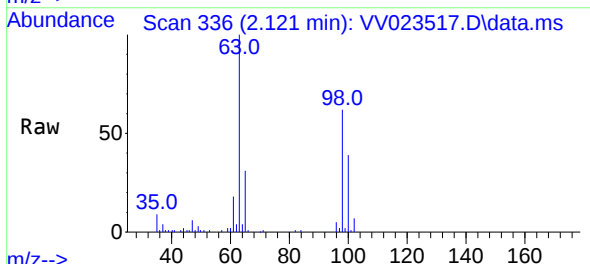
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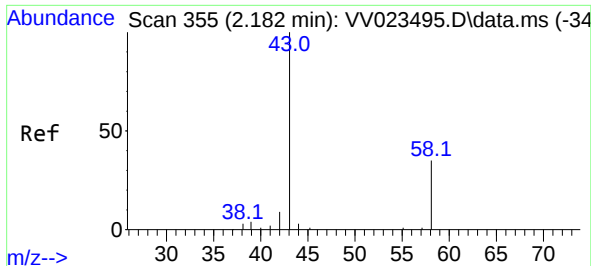
Reviewed By :John Carlone 11/16/2021
 Supervised By :Mahesh Dadoda 11/16/2021



#12
 1,1-Dichloroethene
 Concen: 0.260 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV023517.D
 Acq: 16 Nov 2021 05:05

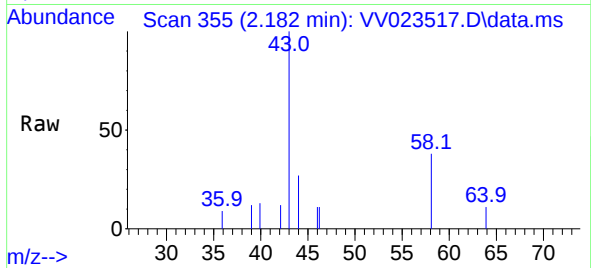
Tgt Ion: 96 Resp: 2004
 Ion Ratio Lower Upper
 96 100
 61 333.6 121.5 225.7#
 63 1855.6 99.6 185.0#





#13
Acetone
Concen: 3.781 ug/L m
RT: 2.182 min Scan# 355
Delta R.T. -0.000 min
Lab File: VV023517.D
Acq: 16 Nov 2021 05:05

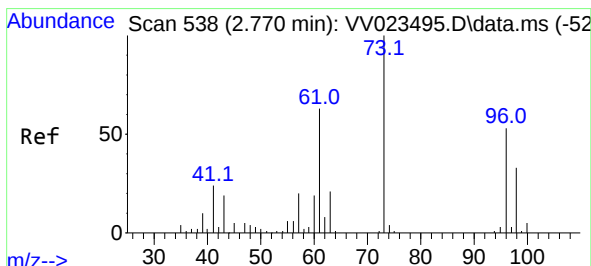
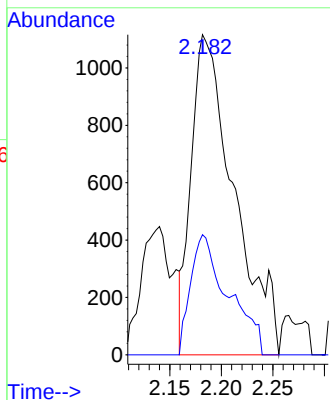
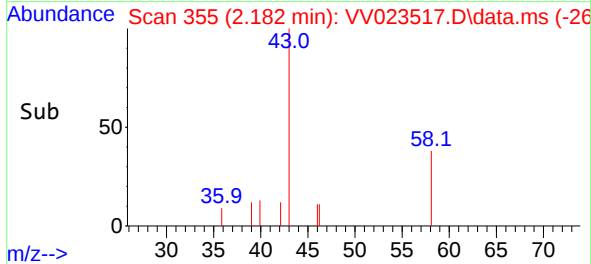
Instrument :
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ClientSampleId :
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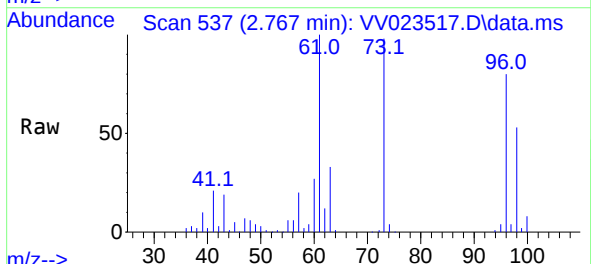
Tgt Ion: 43 Resp: 3218
Ion Ratio Lower Upper
43 100
58 33.1 0.0 55.4

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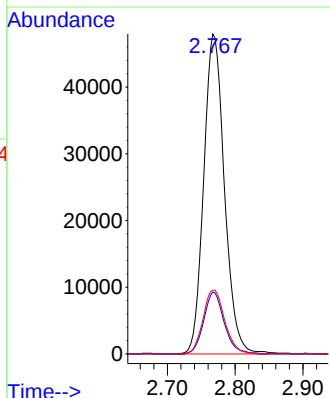
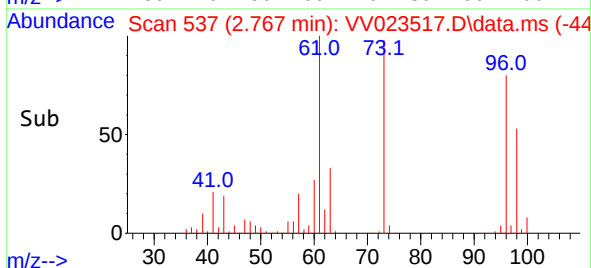
Reviewed By :John Carlone 11/16/2021
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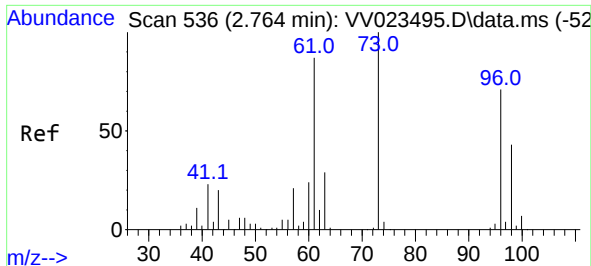


#17
Methyl tert-butyl Ether
Concen: 6.009 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.003 min
Lab File: VV023517.D
Acq: 16 Nov 2021 05:05



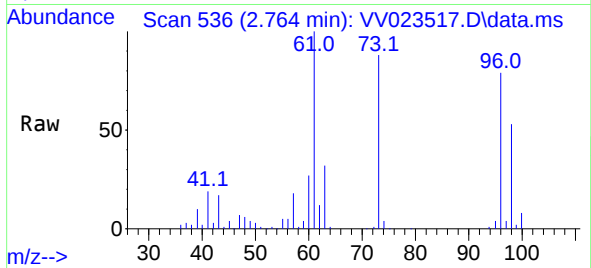
Tgt Ion: 73 Resp: 101791
Ion Ratio Lower Upper
73 100
43 19.1 17.4 26.0
57 20.9 16.5 24.7





#18
trans-1,2-Dichloroethene
Concen: 7.541 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV023517.D
Acq: 16 Nov 2021 05:05

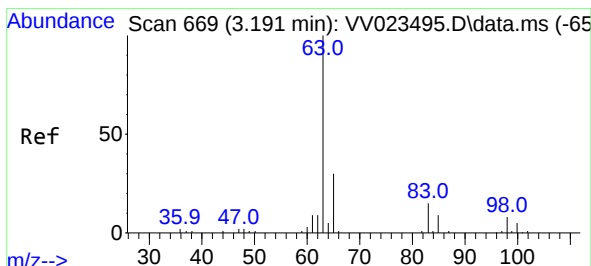
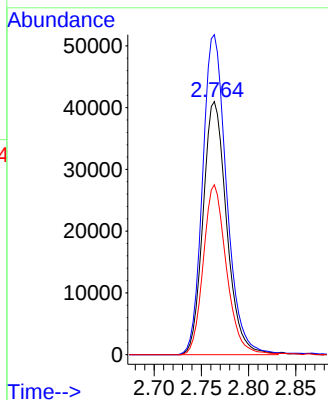
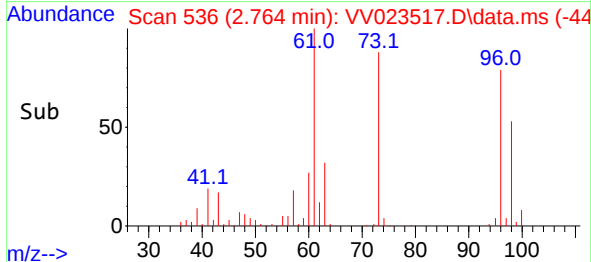
Instrument :
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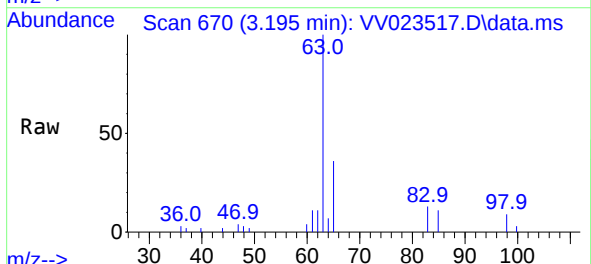
Tgt Ion: 96 Resp: 7134
Ion Ratio Lower Upper
96 100
61 126.4 93.2 173.2
98 67.1 47.0 87.2

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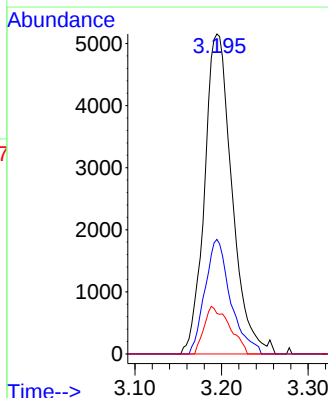
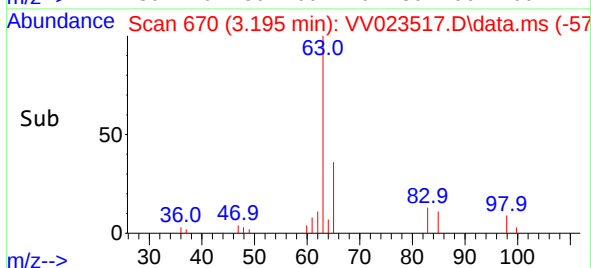
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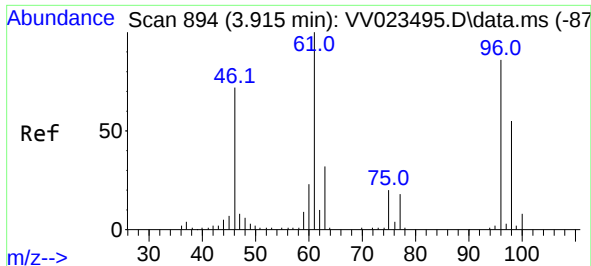


#19
1,1-Dichloroethane
Concen: 0.712 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV023517.D
Acq: 16 Nov 2021 05:05



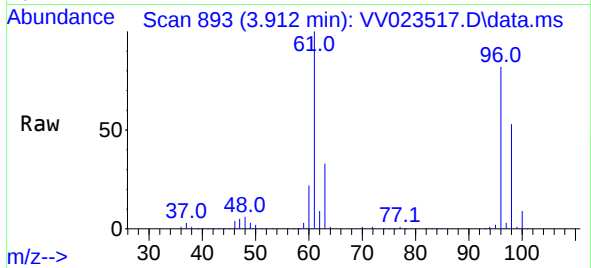
Tgt Ion: 63 Resp: 11373
Ion Ratio Lower Upper
63 100
65 35.8 22.6 42.0
83 12.6 11.1 20.7





#22
 cis-1,2-Dichloroethene
 Concen: 85.824 ug/L
 RT: 3.912 min Scan# 894
 Delta R.T. -0.003 min
 Lab File: VV023517.D
 Acq: 16 Nov 2021 05:05

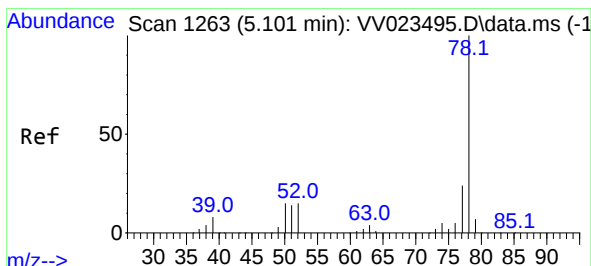
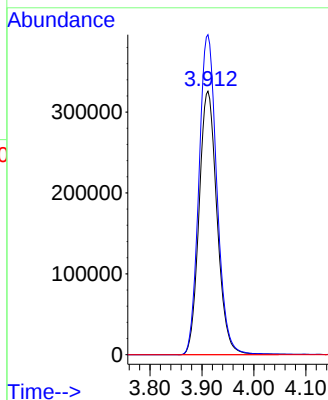
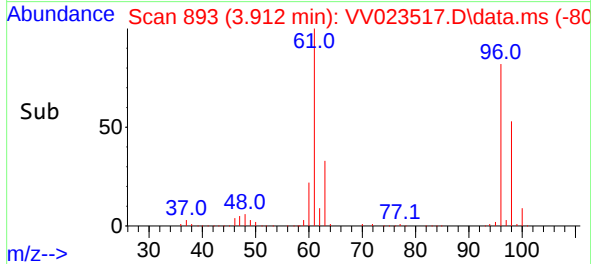
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Tgt Ion: 96 Resp: 78138
 Ion Ratio Lower Upper
 96 100
 61 121.4 92.3 171.3
 68 0.0 0.4 0.8

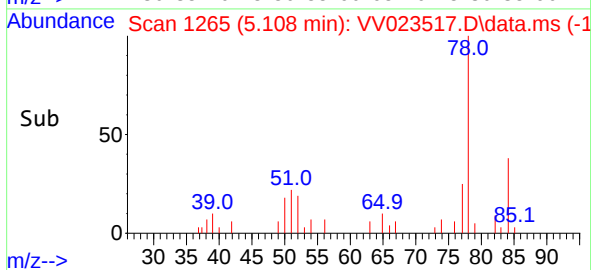
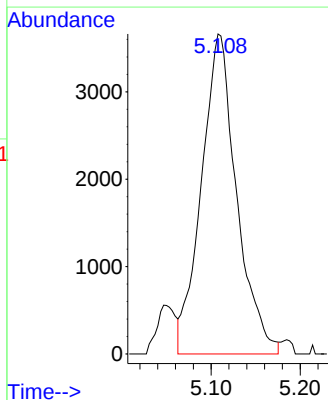
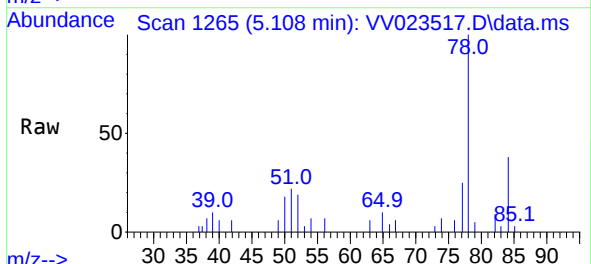
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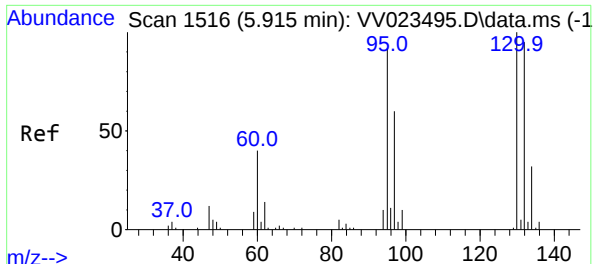
Reviewed By :John Carlone 11/16/2021
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#33
 Benzene
 Concen: 0.283 ug/L
 RT: 5.108 min Scan# 1265
 Delta R.T. 0.006 min
 Lab File: VV023517.D
 Acq: 16 Nov 2021 05:05

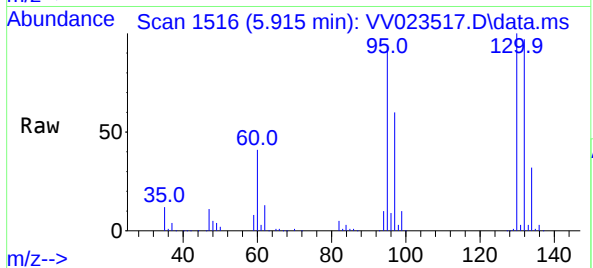
Tgt Ion: 78 Resp: 10053





#34
Trichloroethene
Concen: 26.568 ug/L
RT: 5.915 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV023517.D
Acq: 16 Nov 2021 05:05

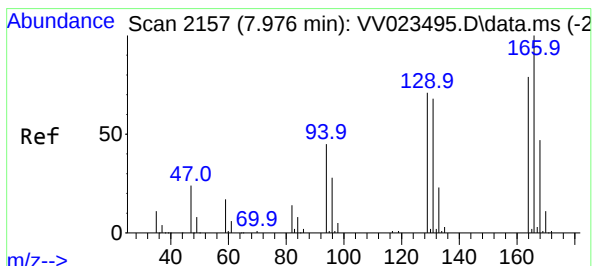
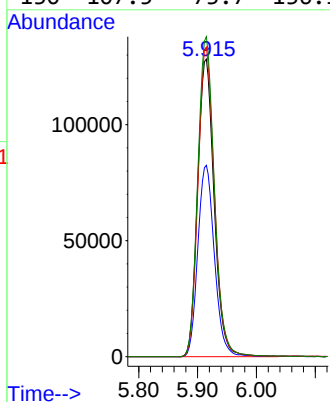
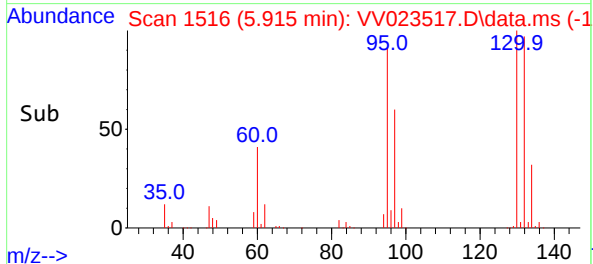
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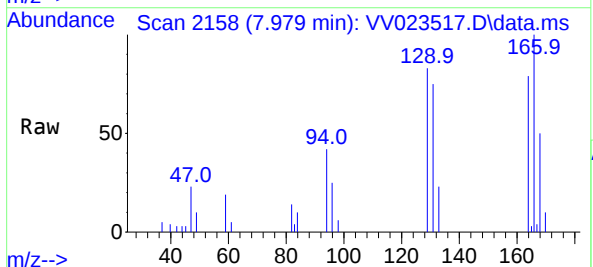
Tgt Ion: 95 Resp: 25066
Ion Ratio Lower Upper
95 100
97 64.3 45.0 83.6
132 104.0 69.7 129.4
130 107.5 73.7 136.9

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#47
Tetrachloroethene
Concen: 0.604 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV023517.D
Acq: 16 Nov 2021 05:05



Tgt Ion:164 Resp: 4938
Ion Ratio Lower Upper
164 100
129 104.9 64.0 119.0
131 94.0 63.4 117.8
166 126.0 89.3 165.9

