

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050721\
 Data File : VW021333.D
 Acq On : 07 May 2021 18:10
 Operator : SY/MD
 Sample : M2320-04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F3A08

Manual Integrations
 APPROVED

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 5/11/2021 1:54:34 PM

Quant Time: May 08 00:38:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 08 00:36:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	499067	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	492824	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	264710	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	101481	45.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.68%		
7) Chloroethane-d5	1.568	69	91964	46.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.96%		
11) 1,1-Dichloroethene-d2	2.108	63	185670	30.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.12%		
21) 2-Butanone-d5	3.896	46	152290	85.73	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.73%		
24) Chloroform-d	4.352	84	287439	40.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.58%		
26) 1,2-Dichloroethane-d4	5.037	65	229202	43.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.92%		
32) Benzene-d6	5.056	84	489813	43.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.32%		
36) 1,2-Dichloropropane-d6	6.076	67	129180	44.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	88.62%		
41) Toluene-d8	7.320	98	493992	42.00	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.00%		
43) trans-1,3-Dichloroprop...	7.625	79	85835	39.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.16%		
47) 2-Hexanone-d5	8.095	63	113889	84.59	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.59%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	191400	41.02	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.04%		
66) 1,2-Dichlorobenzene-d4	11.632	152	227741	43.66	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.32%		
Target Compounds						Qvalue
13) Acetone	2.182	43	20631	9.83	ug/L	94
17) trans-1,2-Dichloroethene	2.764	96	23043	7.36	ug/L	95
18) Methyl tert-butyl Ether	2.764	73	20146314m	1795.85	ug/L	
20) cis-1,2-Dichloroethene	3.918	96	27089	7.87	ug/L	90
29) Cyclohexane	4.680	56	31413	7.58	ug/L #	90
33) Benzene	5.108	78	17984	1.43	ug/L	100
34) Trichloroethene	5.921	95	80719	19.90	ug/L	99
46) Tetrachloroethene	7.982	164	3106	0.89	ug/L	89

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

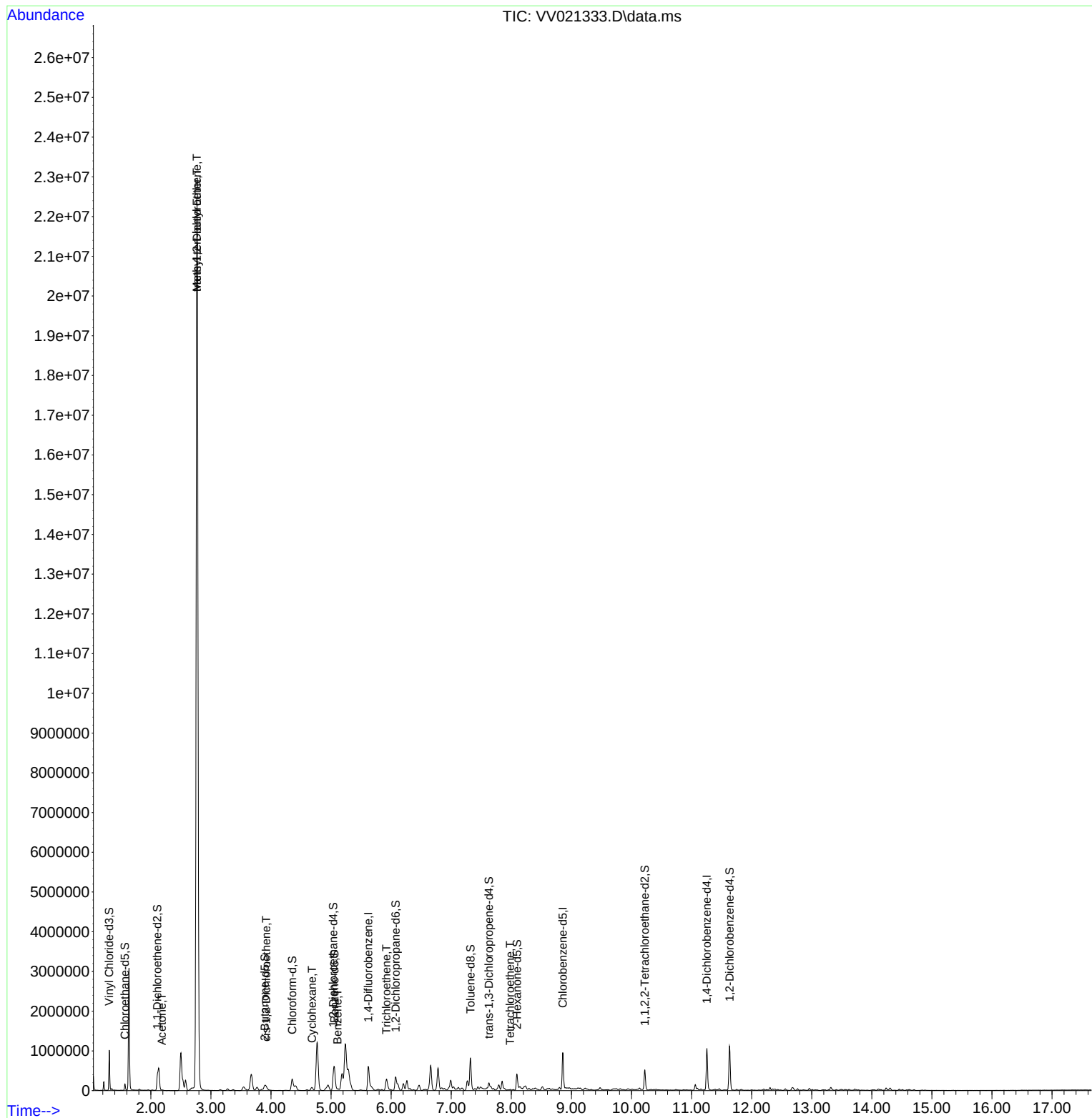
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050721\
Data File : VV021333.D
Acq On : 07 May 2021 18:10
Operator : SY/MD
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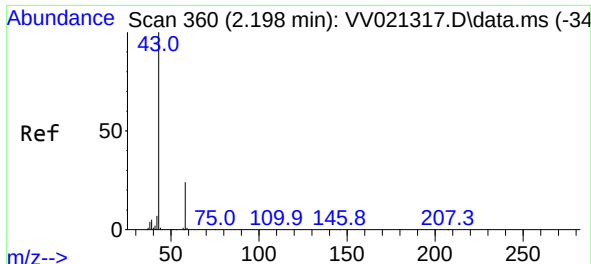
Instrument :
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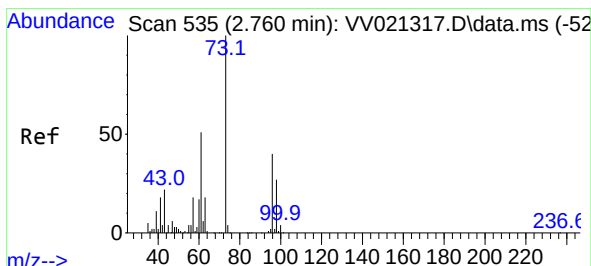
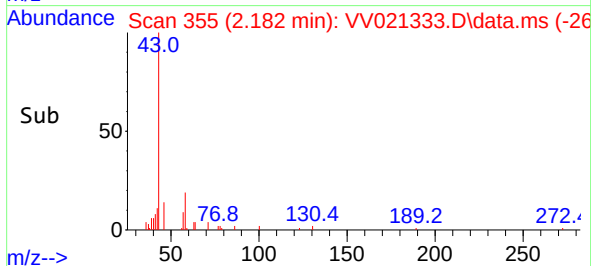
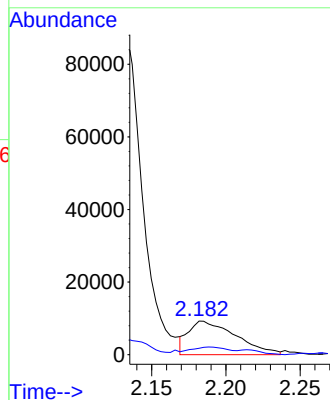
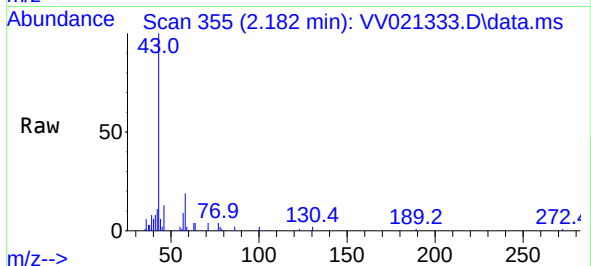
#13
Acetone
Concen: 9.83 ug/L
RT: 2.182 min Scan# 355
Delta R.T. -0.016 min
Lab File: VV021333.D
Acq: 07 May 2021 18:10

Tgt Ion: 43 Resp: 20631
Ion Ratio Lower Upper
43 100
58 18.1 0.0 30.8

Instrument :
MSVOA_V
ClientSampleId :
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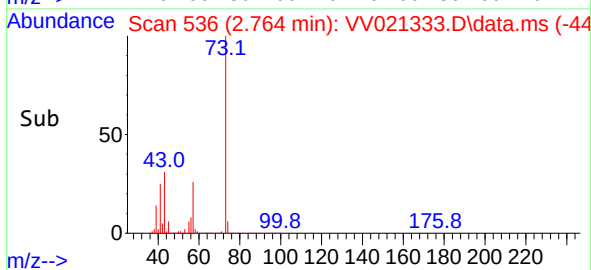
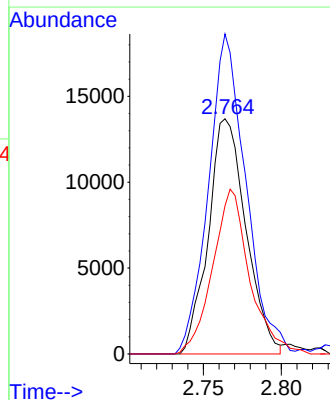
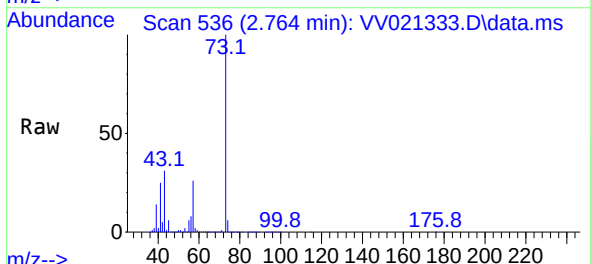
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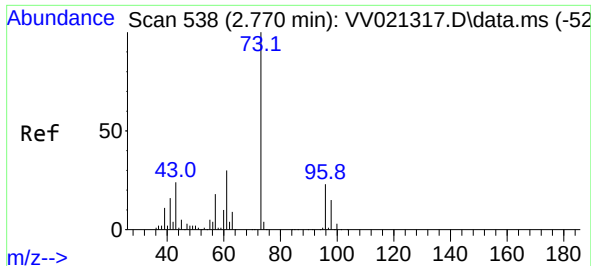
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#17
trans-1,2-Dichloroethene
Concen: 7.36 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021333.D
Acq: 07 May 2021 18:10

Tgt Ion: 96 Resp: 23043
Ion Ratio Lower Upper
96 100
61 136.0 89.3 165.9
98 63.0 44.1 81.9





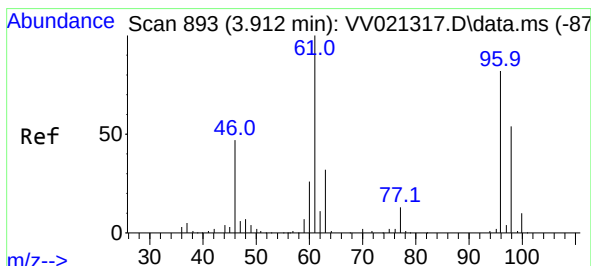
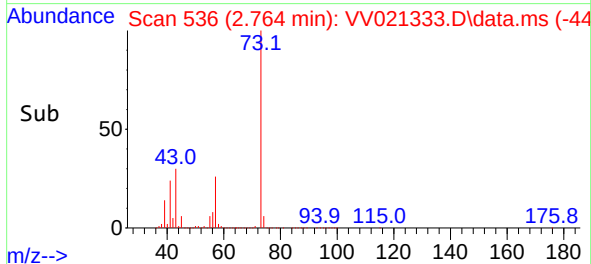
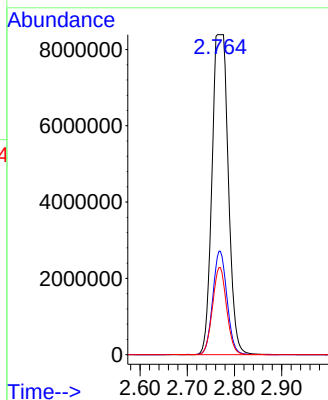
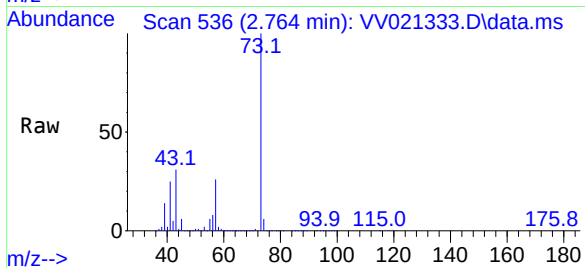
#18
Methyl tert-butyl Ether
Concen: 1795.85 ug/L m
RT: 2.764 min Scan# 536
Delta R.T. -0.006 min
Lab File: VV021333.D
Acq: 07 May 2021 18:10

Tgt Ion: 73 Resp: 20146314
Ion Ratio Lower Upper
73 100
43 0.0 14.7 22.1#
57 0.0 15.9 23.9#

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ClientSampled :
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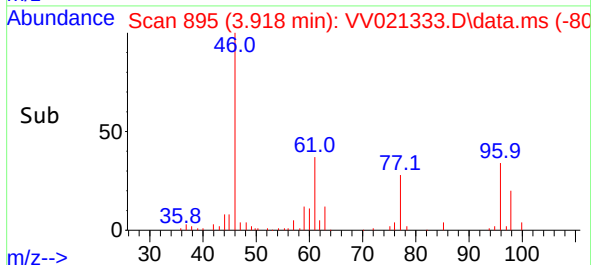
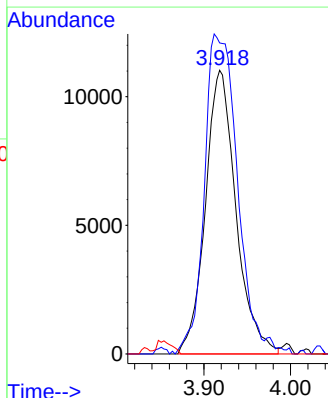
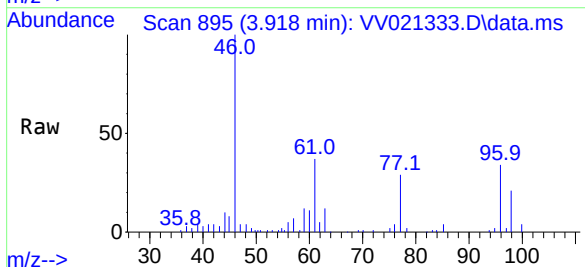
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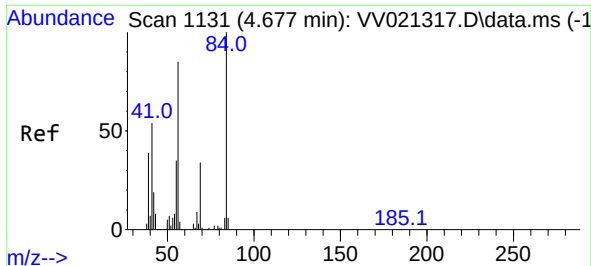
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#20
cis-1,2-Dichloroethene
Concen: 7.87 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.007 min
Lab File: VV021333.D
Acq: 07 May 2021 18:10

Tgt Ion: 96 Resp: 27089
Ion Ratio Lower Upper
96 100
61 109.6 84.4 156.7
68 0.0 0.0 0.0





#29

Cyclohexane

Concen: 7.58 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.003 min

Lab File: VV021333.D

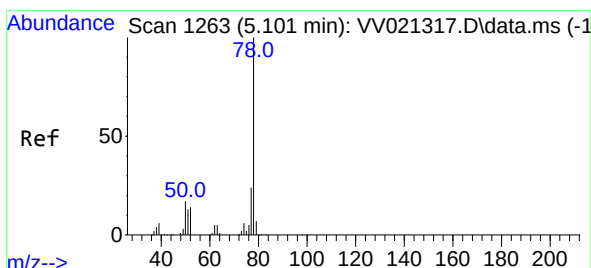
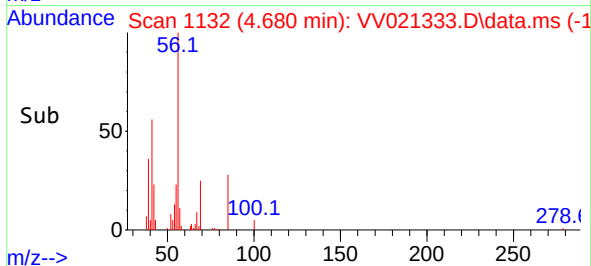
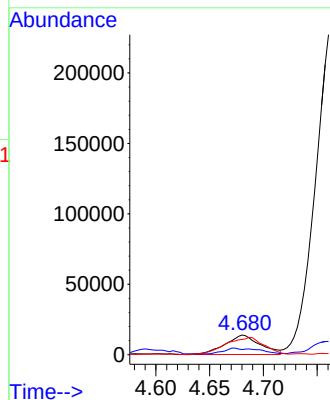
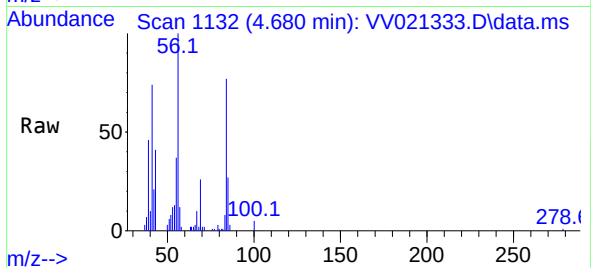
Acq: 07 May 2021 18:10

Tgt Ion:	56	Resp:	31413
Ion	Ratio	Lower	Upper
56	100		
69	16.2	25.7	38.5#
84	97.7	75.7	113.5

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#33

Benzene

Concen: 1.43 ug/L

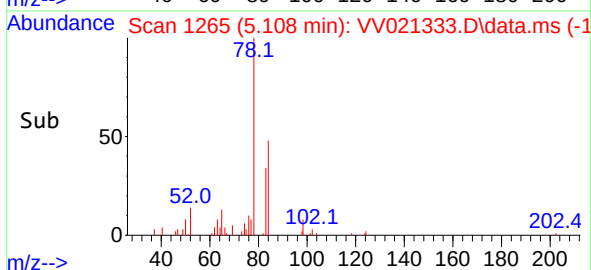
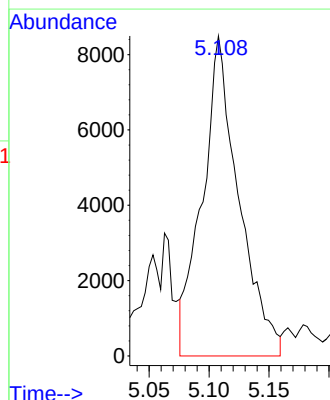
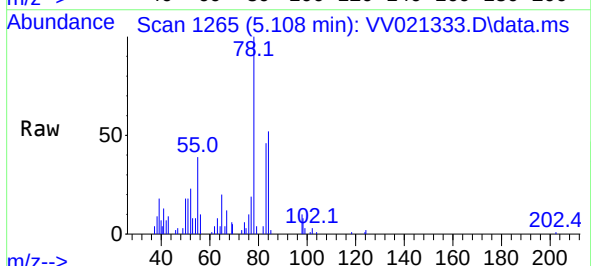
RT: 5.108 min Scan# 1265

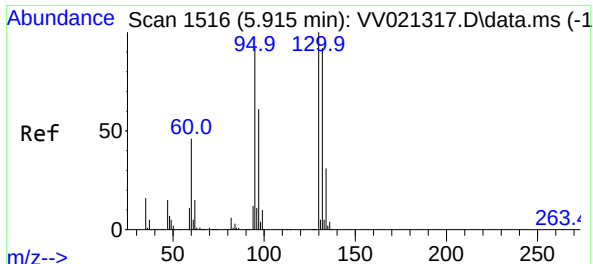
Delta R.T. 0.007 min

Lab File: VV021333.D

Acq: 07 May 2021 18:10

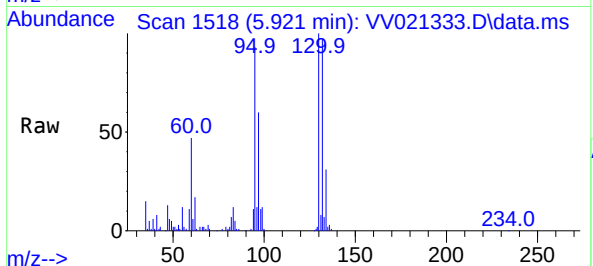
Tgt Ion: 78 Resp: 17984





#34
Trichloroethene
Concen: 19.90 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.007 min
Lab File: VV021333.D
Acq: 07 May 2021 18:10

Instrument :
MSVOA_V
ClientSampled :
F3A08

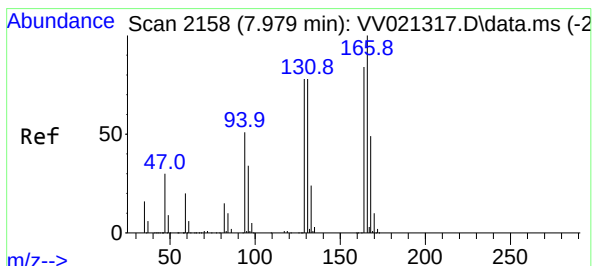
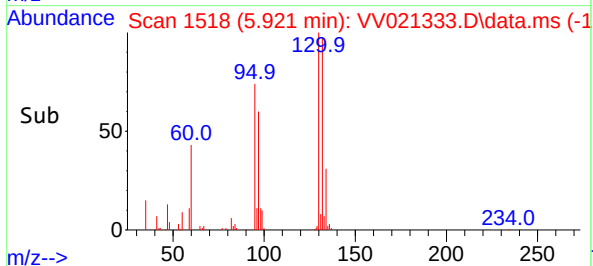
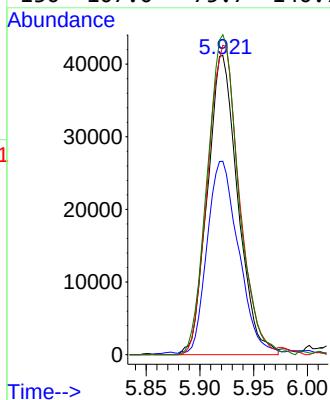


Tgt Ion: 95 Resp: 80719

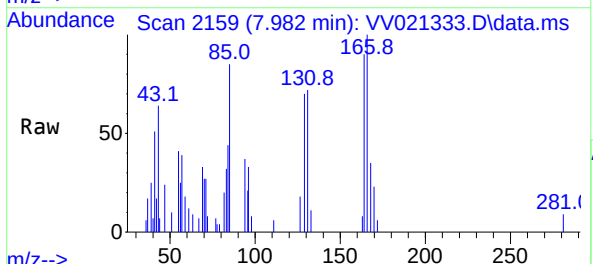
Ion	Ratio	Lower	Upper
95	100		
97	64.7	45.5	84.5
132	103.4	71.0	131.8
130	107.0	75.7	140.7

Manual Integrations
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#46
Tetrachloroethene
Concen: 0.89 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VV021333.D
Acq: 07 May 2021 18:10



Tgt Ion: 164 Resp: 3106

Ion	Ratio	Lower	Upper
164	100		
129	78.0	63.8	118.4
131	79.9	59.3	110.1
166	111.3	87.7	162.9

