

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050621\
 Data File : VW021314.D
 Acq On : 06 May 2021 18:00
 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

MMDadoda
 5/11/2021 1:12:25 PM

Quant Time: May 07 03:58:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 07 03:56:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	468948	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	452333	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.256	152	241639	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	151131	72.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 145.30%#			
7) Chloroethane-d5	1.568	69	139621	75.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 150.22%#			
11) 1,1-Dichloroethene-d2	2.108	63	291072	50.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.32%			
21) 2-Butanone-d5	3.889	46	225596	135.15	ug/L	-0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 135.15%#			
24) Chloroform-d	4.352	84	427903	64.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 129.26%#			
26) 1,2-Dichloroethane-d4	5.037	65	339846	68.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 137.14%#			
32) Benzene-d6	5.056	84	737750	70.82	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 141.64%#			
36) 1,2-Dichloropropane-d6	6.072	67	187033	69.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 139.80%#			
41) Toluene-d8	7.320	98	753382	69.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 139.58%#			
43) trans-1,3-Dichloroprop...	7.625	79	122197	61.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 122.78%			
47) 2-Hexanone-d5	8.092	63	172076	139.25	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 139.25%#			
56) 1,1,2,2-Tetrachloroeth...	10.220	84	287322	67.10	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 134.20%#			
66) 1,2-Dichlorobenzene-d4	11.632	152	342401	71.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 143.80%#			
Target Compounds						Qvalue
13) Acetone	2.192	43	25477	12.91	ug/L	78
17) trans-1,2-Dichloroethene	2.764	96	22738	7.73	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	20368341m	1932.26	ug/L	
20) cis-1,2-Dichloroethene	3.918	96	27238	8.43	ug/L	96
29) Cyclohexane	4.677	56	30406m	8.00	ug/L	
33) Benzene	5.101	78	16472	1.42	ug/L	100
34) Trichloroethene	5.921	95	76697	20.60	ug/L	95
42) Toluene	7.397	91	11494	0.85	ug/L	84

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

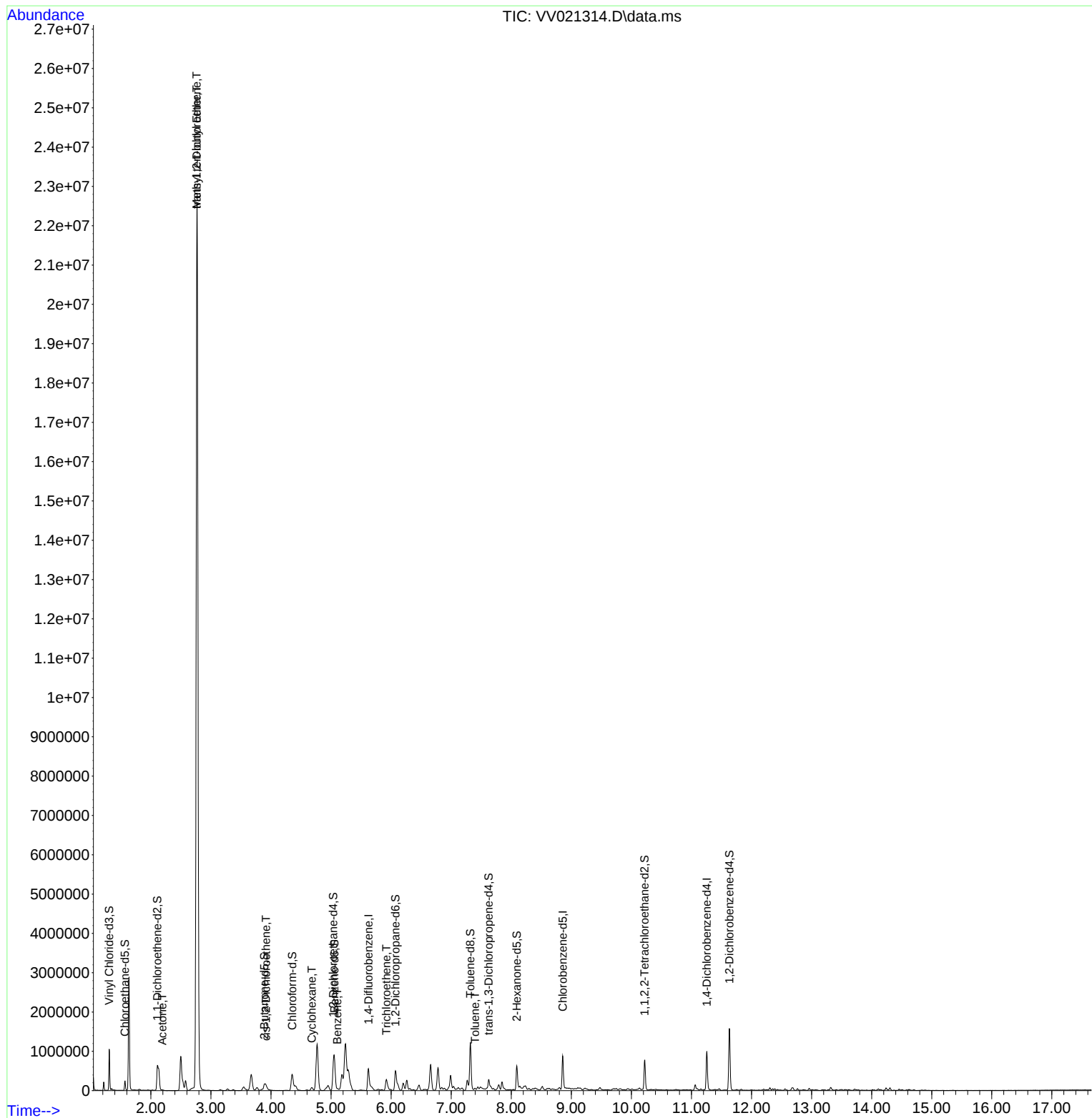
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050621\
Data File : VV021314.D
Acq On : 06 May 2021 18:00
Operator : SY/MD
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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

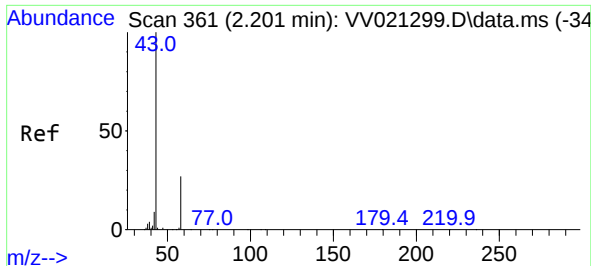
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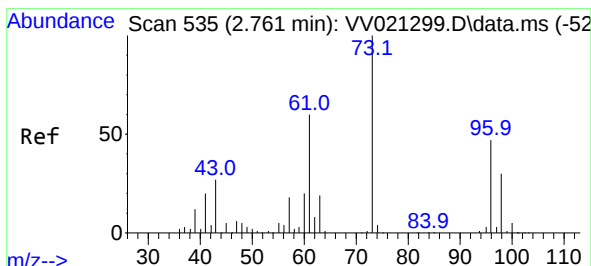
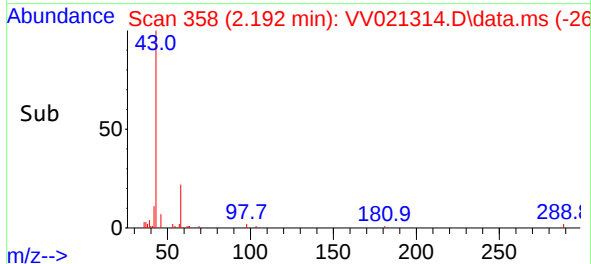
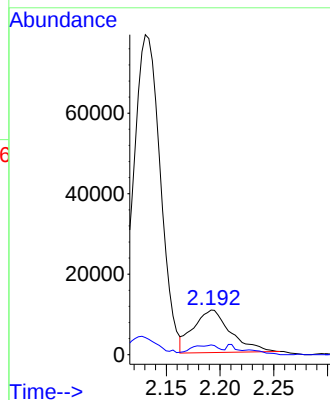
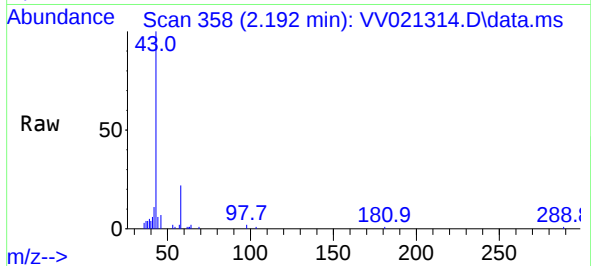
#13
Acetone
Concen: 12.91 ug/L
RT: 2.192 min Scan# 358
Delta R.T. -0.010 min
Lab File: VV021314.D
Acq: 06 May 2021 18:00

Tgt Ion: 43 Resp: 25477
Ion Ratio Lower Upper
43 100
58 6.1 0.0 30.8

Instrument :
MSVOA_V
ClientSampled :
F3A08

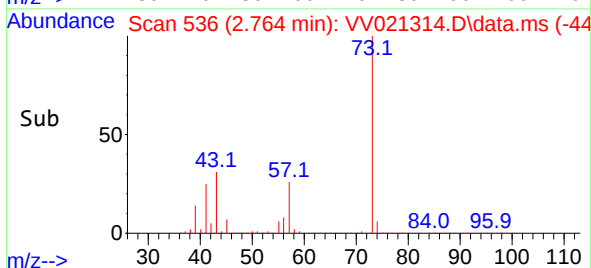
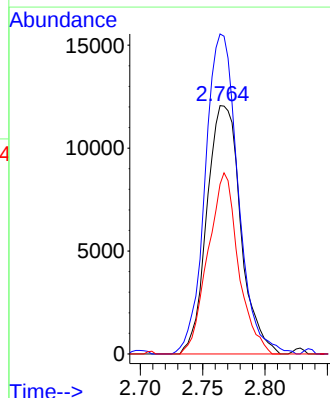
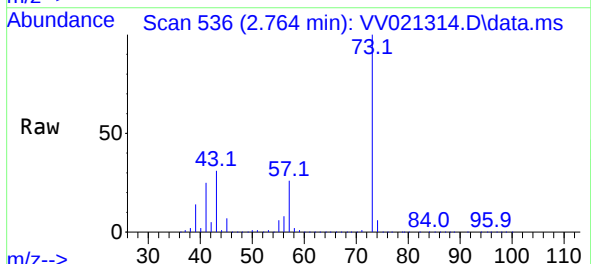
Manual Integrations
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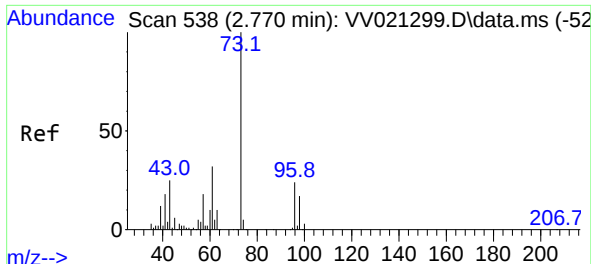
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#17
trans-1,2-Dichloroethene
Concen: 7.73 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV021314.D
Acq: 06 May 2021 18:00

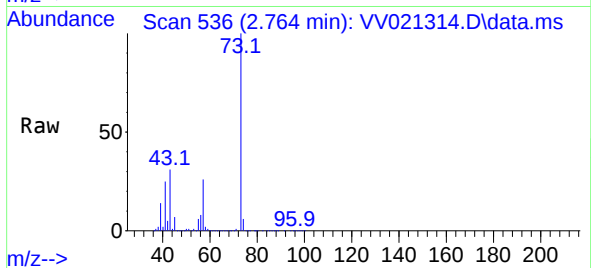
Tgt Ion: 96 Resp: 22738
Ion Ratio Lower Upper
96 100
61 128.9 89.3 165.9
98 68.4 44.1 81.9





#18
Methyl tert-butyl Ether
Concen: 1932.26 ug/L m
RT: 2.764 min Scan# 536
Delta R.T. -0.006 min
Lab File: VV021314.D
Acq: 06 May 2021 18:00

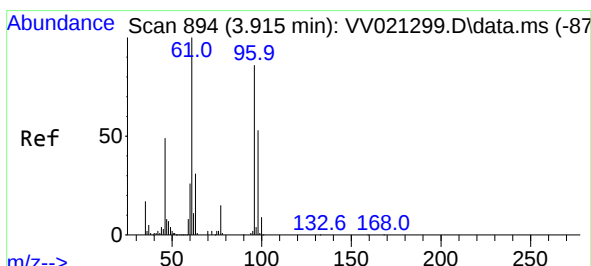
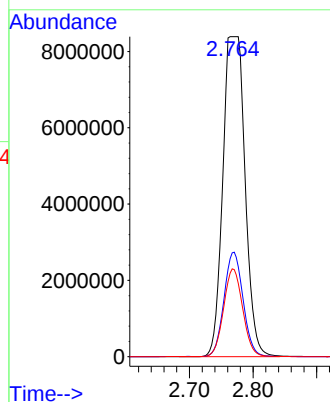
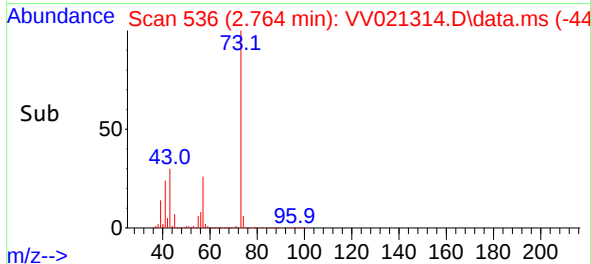
Instrument :
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ClientSampled :
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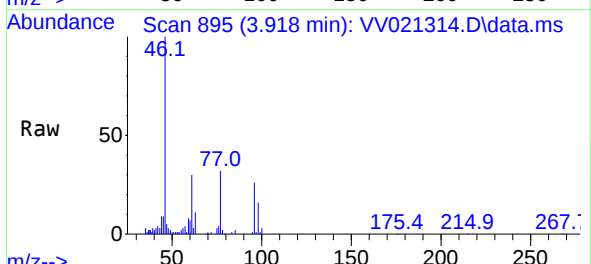
Tgt Ion: 73 Resp: 20368341
Ion Ratio Lower Upper
73 100
43 0.0 14.7 22.1#
57 0.0 15.9 23.9#

Manual Integrations
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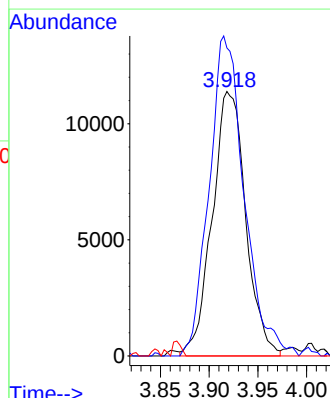
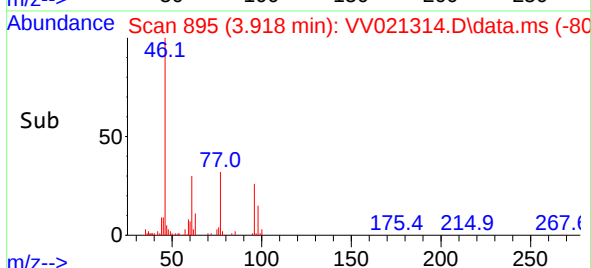
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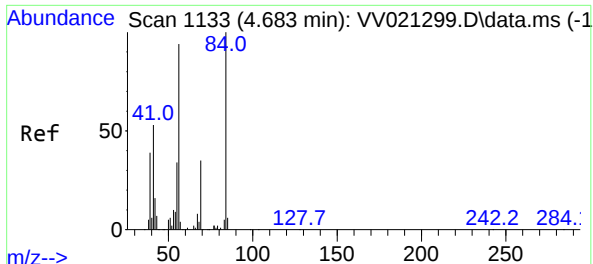


#20
cis-1,2-Dichloroethene
Concen: 8.43 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV021314.D
Acq: 06 May 2021 18:00



Tgt Ion: 96 Resp: 27238
Ion Ratio Lower Upper
96 100
61 116.4 84.4 156.7
68 0.0 0.0 0.0





#29

Cyclohexane

Concen: 8.00 ug/L m

RT: 4.677 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VV021314.D

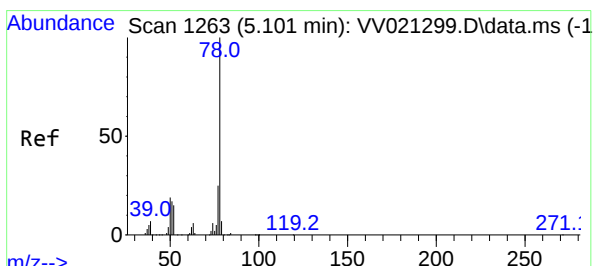
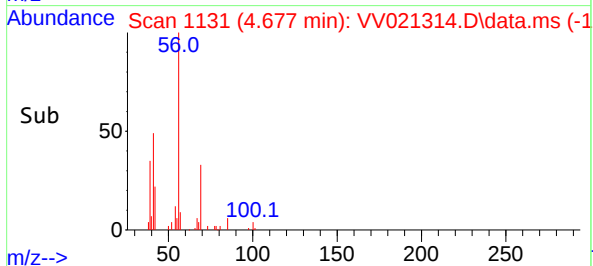
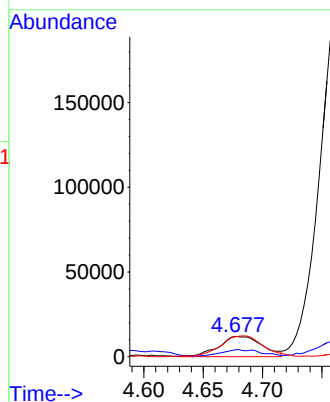
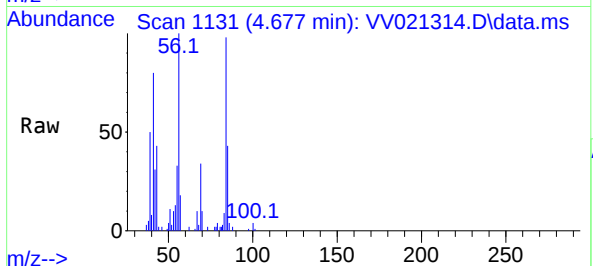
Acq: 06 May 2021 18:00

Tgt Ion:	56	Resp:	30406
Ion	Ratio	Lower	Upper
56	100		
69	17.1	25.7	38.5#
84	97.3	75.7	113.5

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#33

Benzene

Concen: 1.42 ug/L

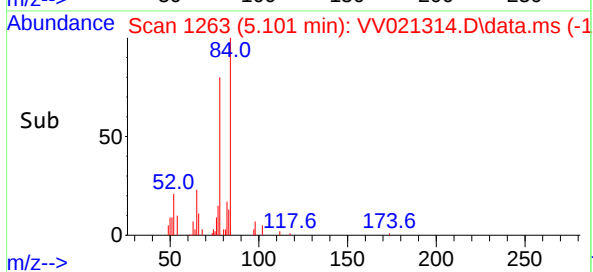
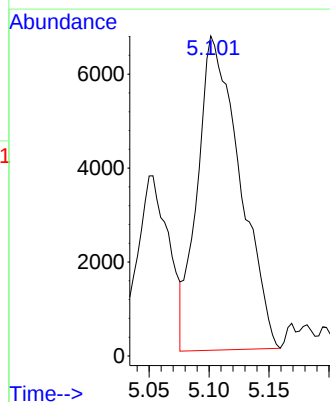
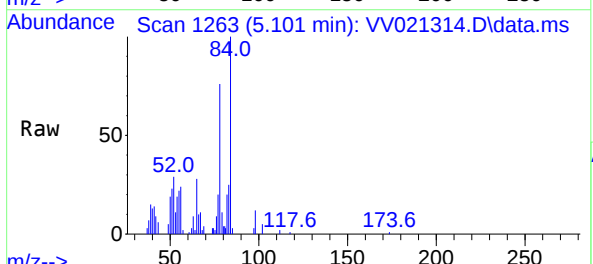
RT: 5.101 min Scan# 1263

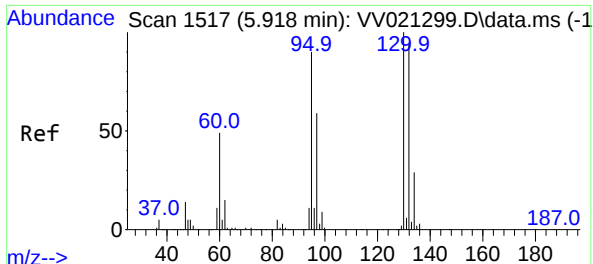
Delta R.T. 0.000 min

Lab File: VV021314.D

Acq: 06 May 2021 18:00

Tgt Ion: 78 Resp: 16472





#34

Trichloroethene

Concen: 20.60 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV021314.D

Acq: 06 May 2021 18:00

Tgt Ion: 95 Resp: 76697

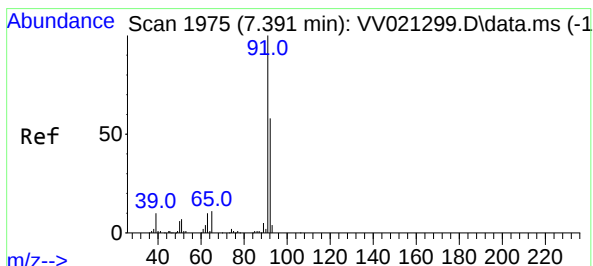
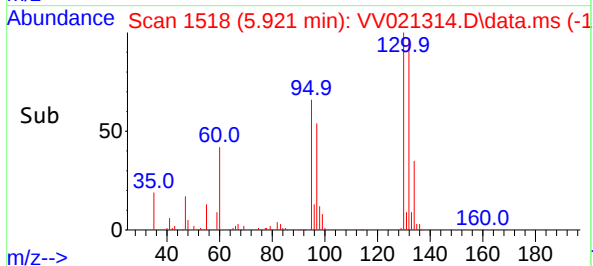
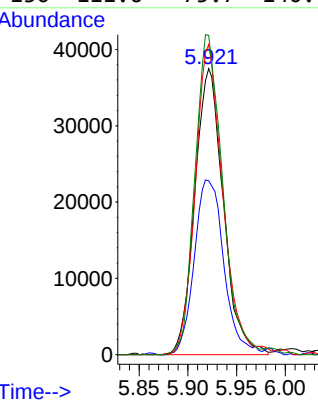
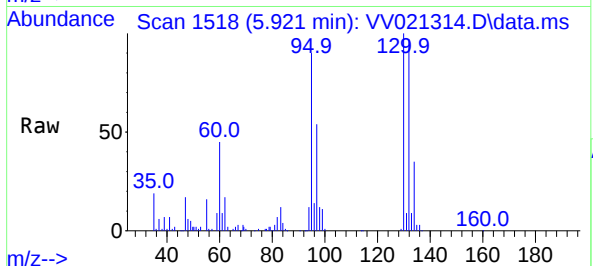
Ion Ratio Lower Upper

95 100

97 60.8 45.5 84.5

132 108.4 71.0 131.8

130 111.6 75.7 140.7



#42

Toluene

Concen: 0.85 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.007 min

Lab File: VV021314.D

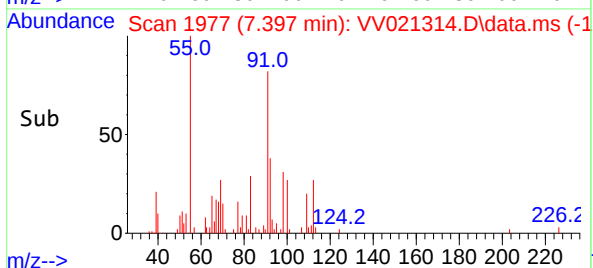
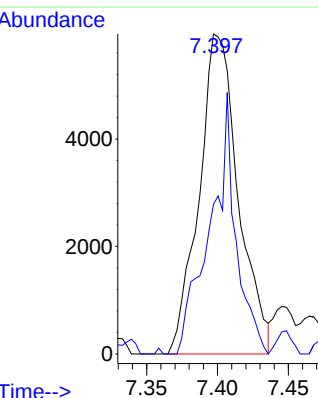
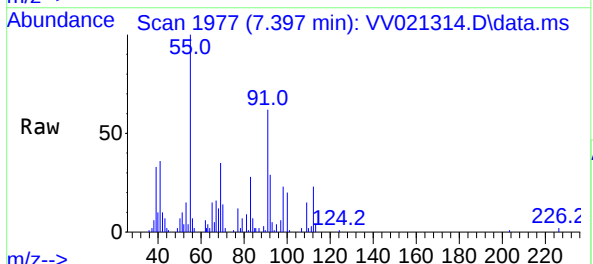
Acq: 06 May 2021 18:00

Tgt Ion: 91 Resp: 11494

Ion Ratio Lower Upper

91 100

92 46.8 41.0 76.2



Instrument :

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