

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040121\
 Data File : VW020850.D
 Acq On : 01 Apr 2021 19:25
 Operator : SY/MD
 Sample : M1879-16
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW1C2

Manual Integrations
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 4/6/2021 3:10:22 PM

Quant Time: Apr 02 07:20:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 02 07:14:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	775113	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	762598	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	373201	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.294	65	1016941m	184.80	ug/L	-0.01
Spiked Amount 50.000	Range 60 - 135		Recovery =	369.60%#		
7) Chloroethane-d5	1.564	69	155566	37.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	74.78%		
11) 1,1-Dichloroethene-d2	2.118	63	1325612	127.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	255.36%#		
21) 2-Butanone-d5	3.931	46	22663	6.33	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery =	6.33%#		
24) Chloroform-d	4.362	84	493040	45.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.16%		
26) 1,2-Dichloroethane-d4	5.040	65	336528	46.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.42%		
32) Benzene-d6	5.060	84	878879	43.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.48%		
36) 1,2-Dichloropropane-d6	6.079	67	270255	43.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.62%		
41) Toluene-d8	7.320	98	837408	44.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.52%		
43) trans-1,3-Dichloroprop...	7.625	79	154139	46.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	92.84%		
47) 2-Hexanone-d5	8.092	63	257618	98.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.46%		
57) 1,1,2,2-Tetrachloroeth...	10.223	84	386924	42.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	85.12%		
64) 1,2-Dichlorobenzene-d4	11.632	152	337101	46.54	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.08%		
Target Compounds						Qvalue
5) Vinyl chloride	1.291	62	24343683m	4110.76	ug/L	
12) 1,1-Dichloroethene	2.118	96	1935609	427.92	ug/L #	64
13) Acetone	2.201	43	207097	81.12	ug/L	100
14) Carbon disulfide	2.307	76	47784m	3.19	ug/L	
15) Methyl Acetate	2.445	43	80438	15.09	ug/L	95
17) trans-1,2-Dichloroethene	2.764	96	2099478	404.77	ug/L	96
19) 1,1-Dichloroethane	3.204	63	21540	2.24	ug/L	98
20) cis-1,2-Dichloroethene	3.892	96	75108334m	13533.50	ug/L	
33) Benzene	5.111	78	42133	2.00	ug/L	100
34) Trichloroethene	5.915	95	33093186m	5739.47	ug/L	
42) Toluene	7.397	91	37484	1.64	ug/L	91

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

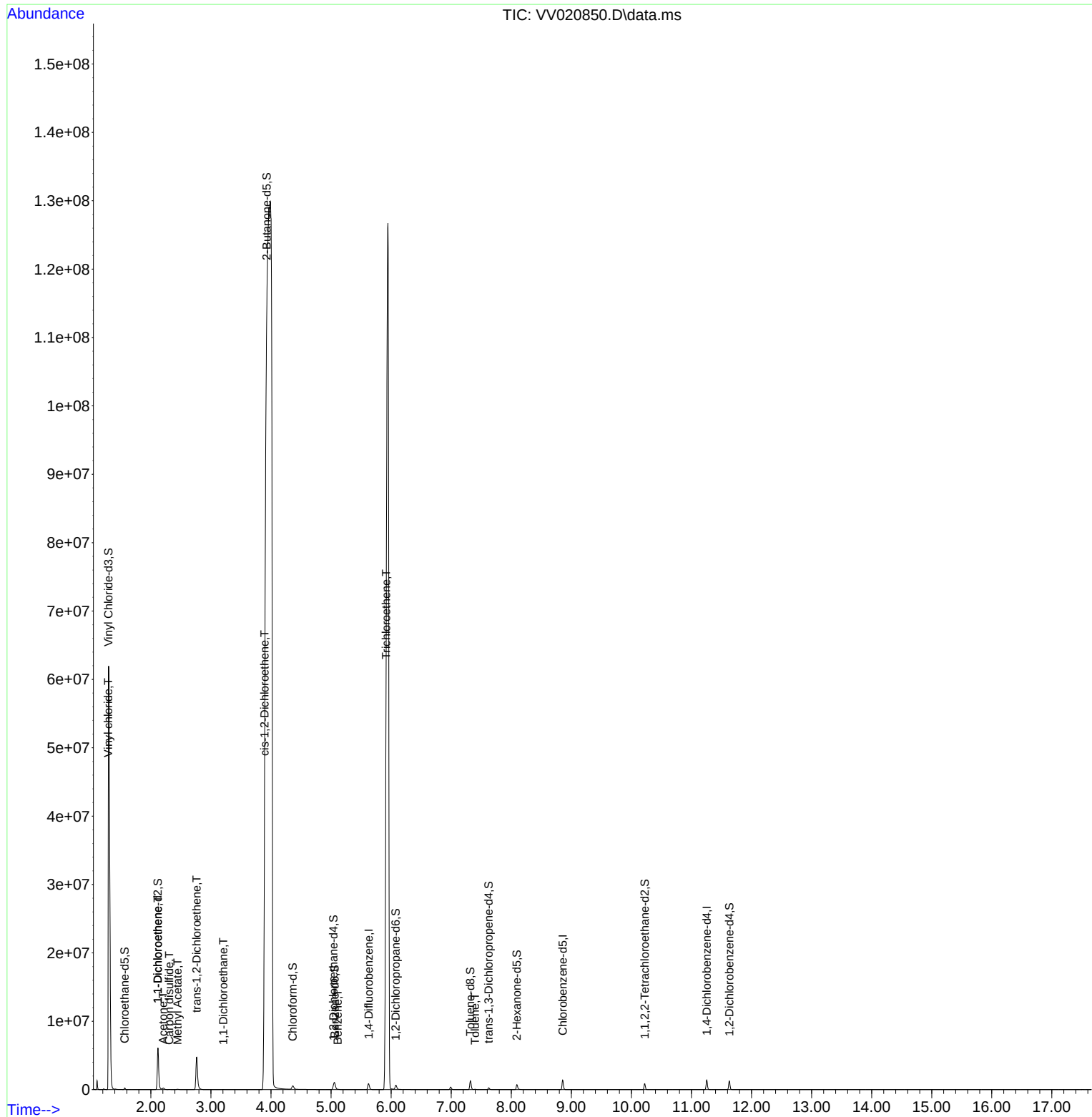
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040121\
Data File : VV020850.D
Acq On : 01 Apr 2021 19:25
Operator : SY/MD
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ALS Vial : 24 Sample Multiplier: 1

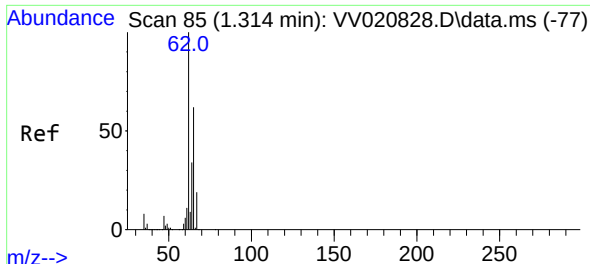
Instrument :
MSVOA_V
ClientSampleId :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
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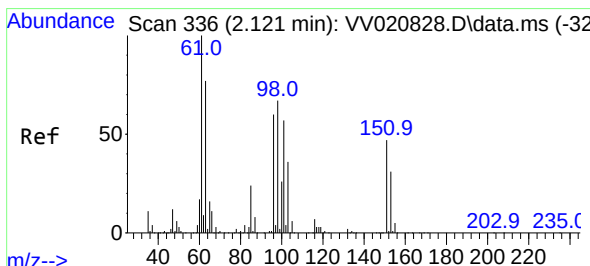
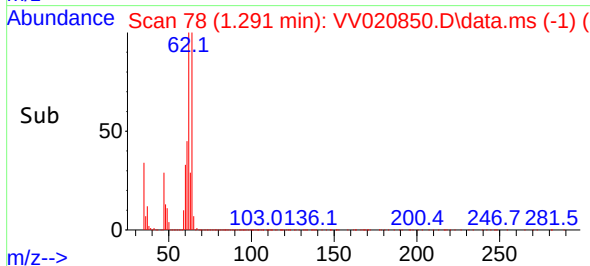
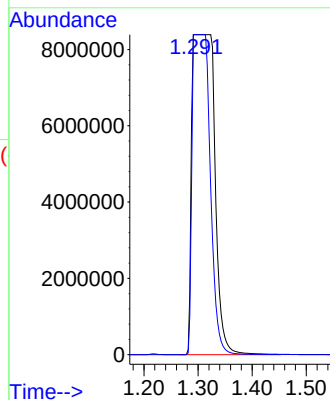
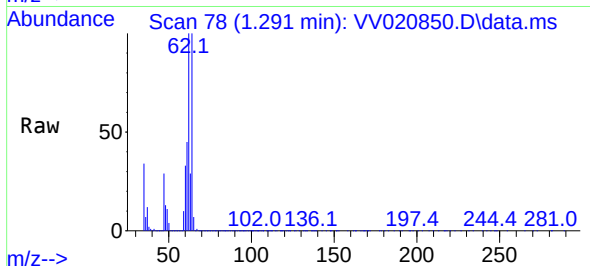
#5
Vinyl chloride
Concen: 4110.76 ug/L m
RT: 1.291 min Scan# 78
Delta R.T. -0.022 min
Lab File: VV020850.D
Acq: 01 Apr 2021 19:25

Tgt Ion: 62 Resp: 24343683
Ion Ratio Lower Upper
62 100
64 100.0 23.3 43.3#

Instrument :
MSVOA_V
ClientSampled :
EW1C2

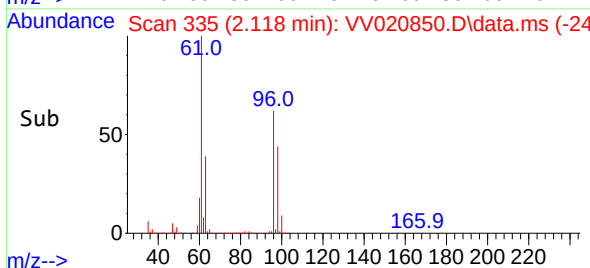
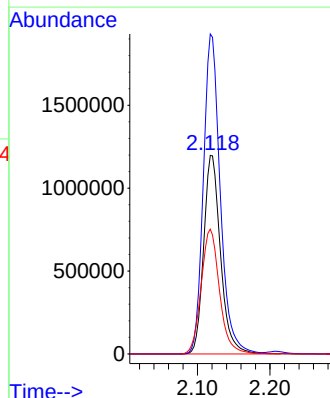
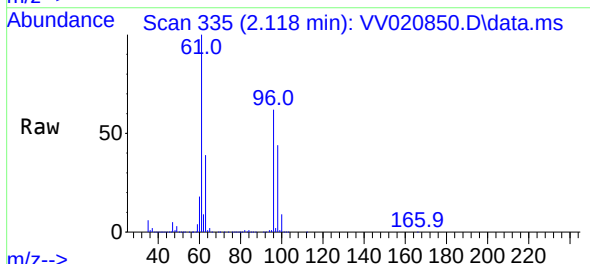
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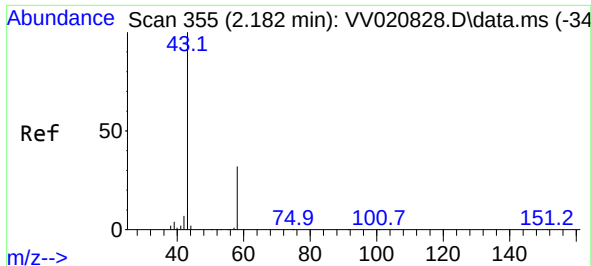
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#12
1,1-Dichloroethene
Concen: 427.92 ug/L
RT: 2.118 min Scan# 335
Delta R.T. -0.003 min
Lab File: VV020850.D
Acq: 01 Apr 2021 19:25

Tgt Ion: 96 Resp: 1935609
Ion Ratio Lower Upper
96 100
61 161.1 126.3 234.6
63 62.9 100.2 186.2#





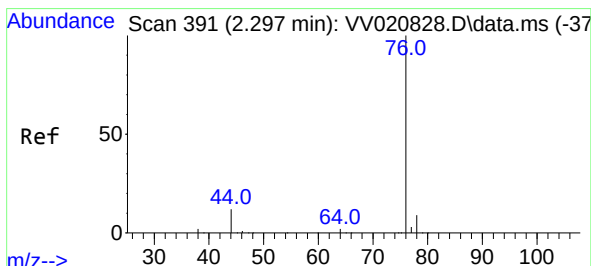
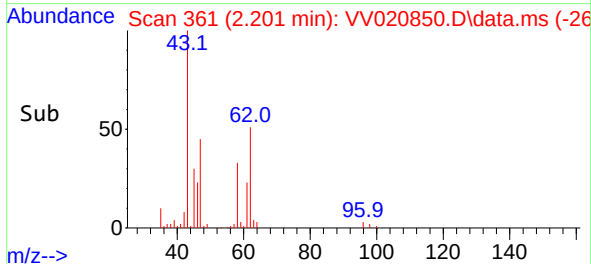
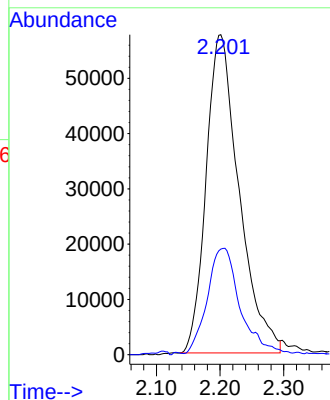
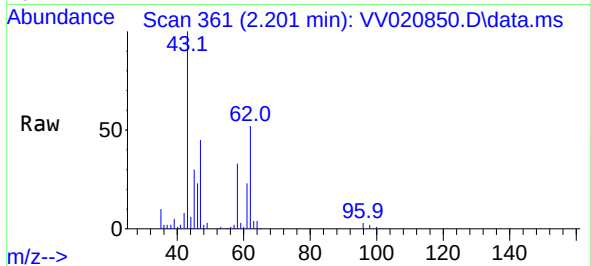
#13
Acetone
Concen: 81.12 ug/L
RT: 2.201 min Scan# 361
Delta R.T. 0.019 min
Lab File: VV020850.D
Acq: 01 Apr 2021 19:25

Tgt Ion: 43 Resp: 207097
Ion Ratio Lower Upper
43 100
58 30.4 0.0 60.8

Instrument :
MSVOA_V
ClientSampled :
EW1C2

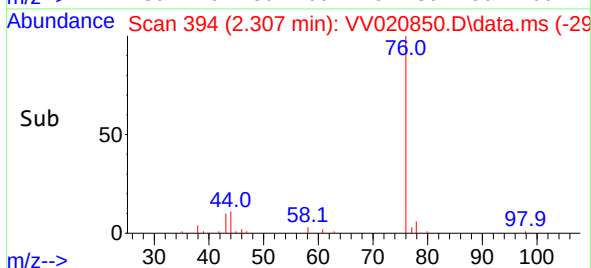
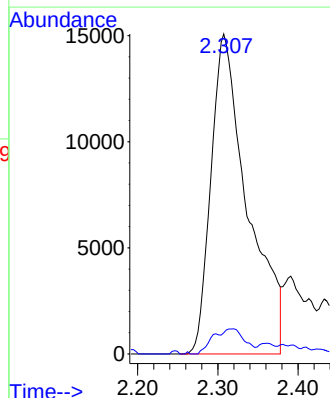
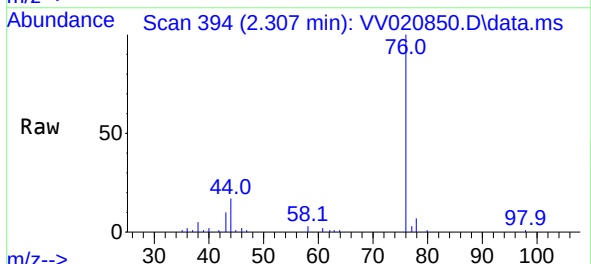
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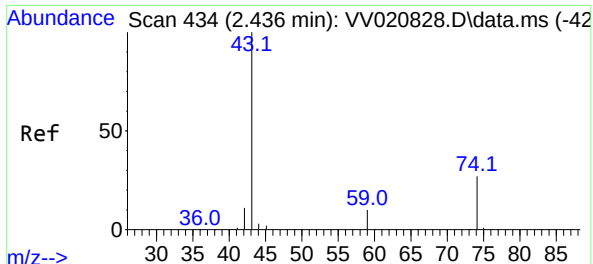
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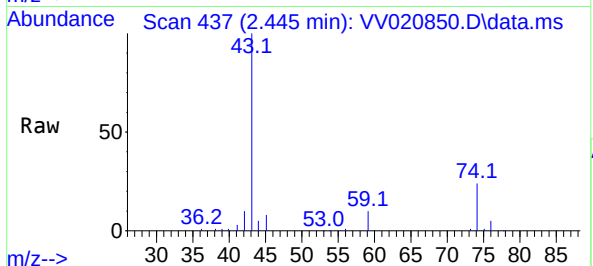
#14
Carbon disulfide
Concen: 3.19 ug/L m
RT: 2.307 min Scan# 394
Delta R.T. 0.010 min
Lab File: VV020850.D
Acq: 01 Apr 2021 19:25

Tgt Ion: 76 Resp: 47784
Ion Ratio Lower Upper
76 100
78 6.6 7.5 11.3#

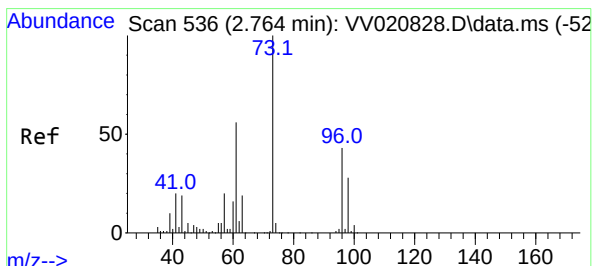
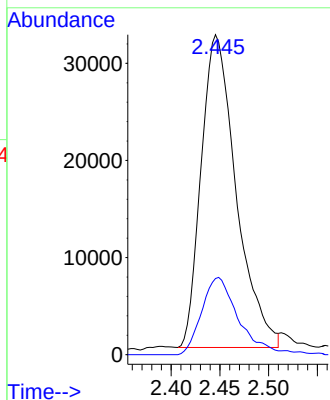
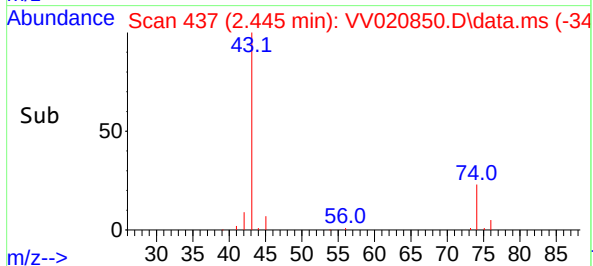




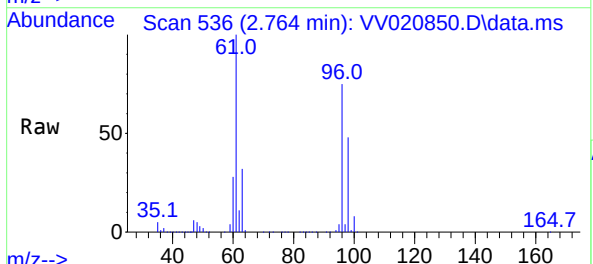
#15
Methyl Acetate
Concen: 15.09 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.010 min
Lab File: VV020850.D
Acq: 01 Apr 2021 19:25



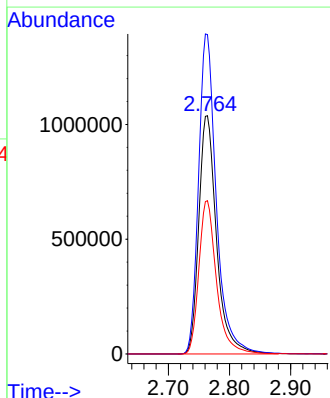
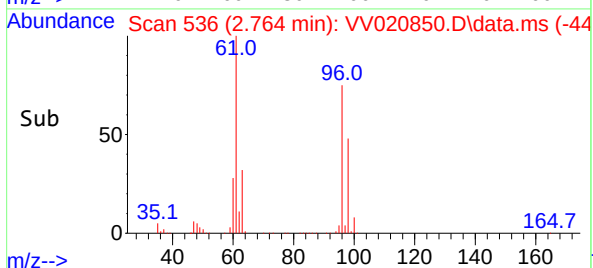
Tgt Ion: 43 Resp: 80438
Ion Ratio Lower Upper
43 100
74 25.6 18.4 27.6



#17
trans-1,2-Dichloroethene
Concen: 404.77 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV020850.D
Acq: 01 Apr 2021 19:25



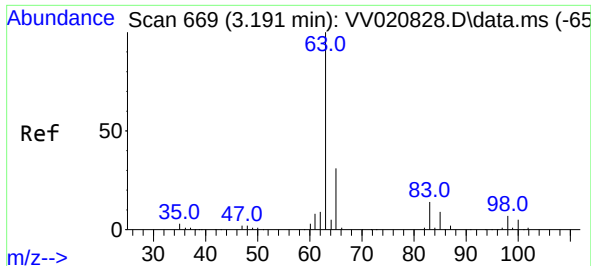
Tgt Ion: 96 Resp: 2099478
Ion Ratio Lower Upper
96 100
61 134.0 97.9 181.9
98 64.3 43.9 81.5



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4/6/2021 3:10:22 PM



#19

1,1-Dichloroethane

Concen: 2.24 ug/L

RT: 3.204 min Scan# 673

Delta R.T. 0.013 min

Lab File: VV020850.D

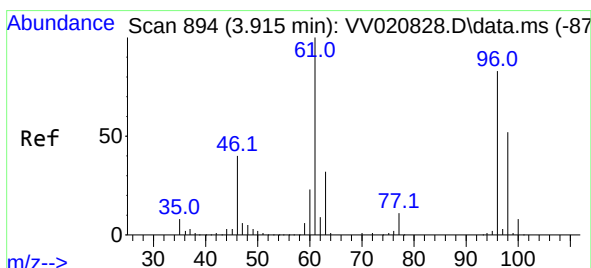
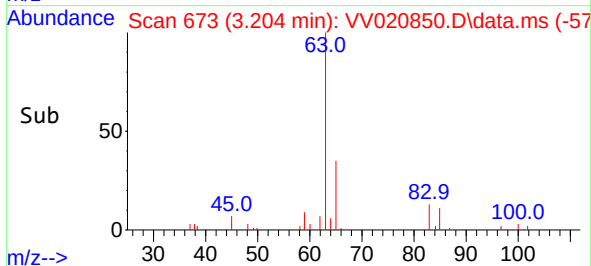
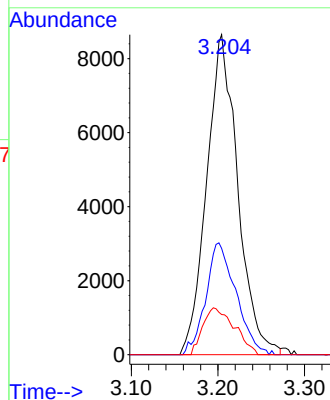
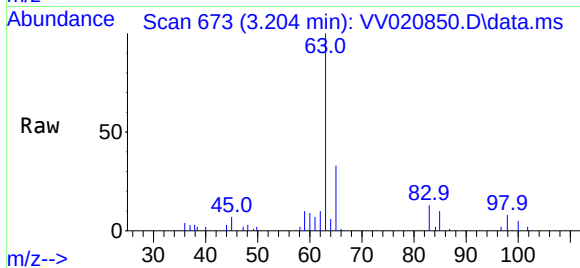
Acq: 01 Apr 2021 19:25

Tgt Ion:	63	Resp:	21540
Ion	Ratio	Lower	Upper
63	100		
65	33.2	22.5	41.9
83	12.6	9.7	17.9

Instrument :
MSVOA_V
ClientSampled :
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#20

cis-1,2-Dichloroethene

Concen: 13533.50 ug/L m

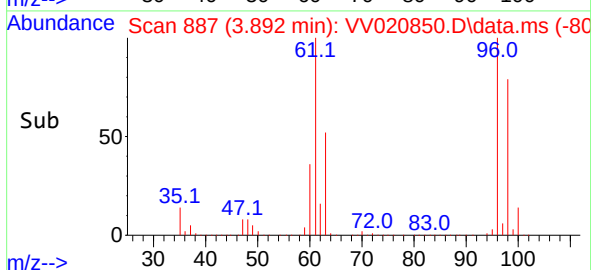
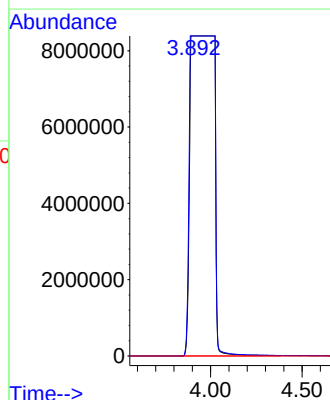
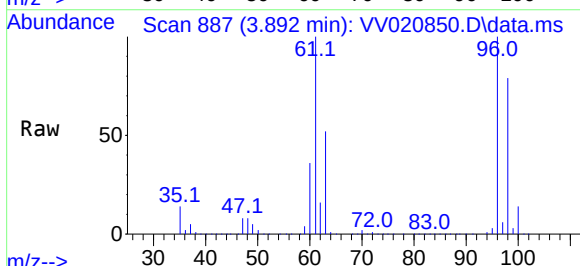
RT: 3.892 min Scan# 887

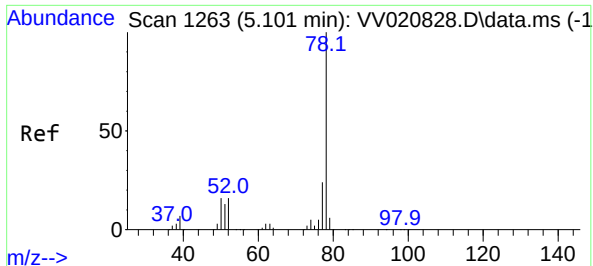
Delta R.T. -0.022 min

Lab File: VV020850.D

Acq: 01 Apr 2021 19:25

Tgt Ion:	96	Resp:	75108334
Ion	Ratio	Lower	Upper
96	100		
61	100.0	89.9	167.0
68	0.0	0.0	0.0





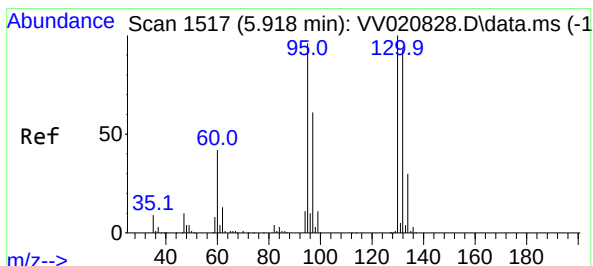
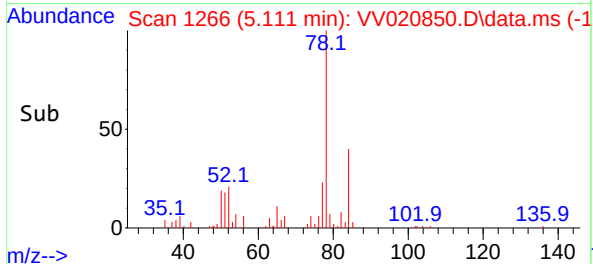
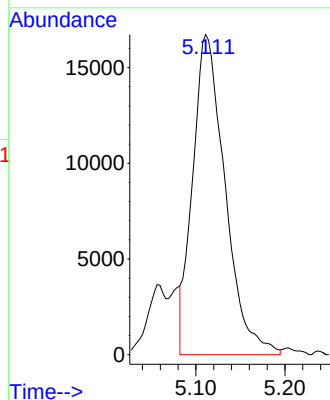
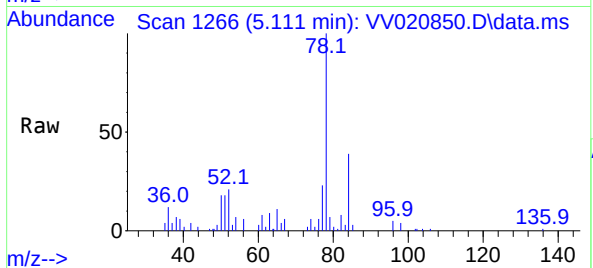
#33
Benzene
Concen: 2.00 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.010 min
Lab File: VV020850.D
Acq: 01 Apr 2021 19:25

Tgt Ion: 78 Resp: 42133

Instrument :
MSVOA_V
ClientSampled :
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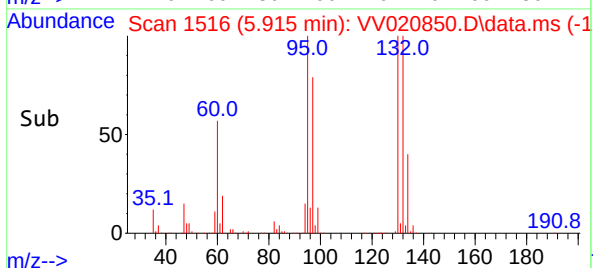
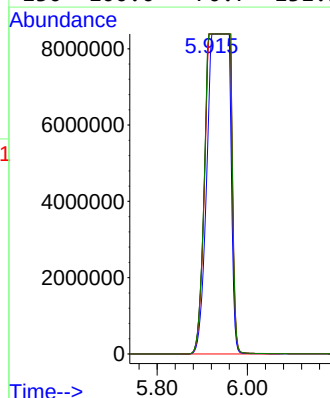
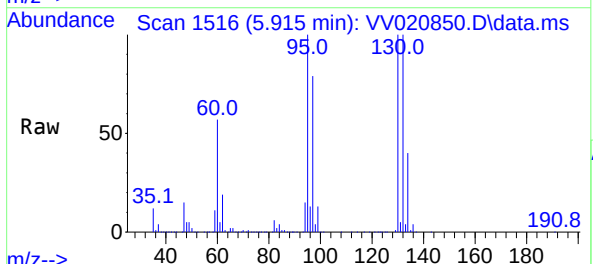
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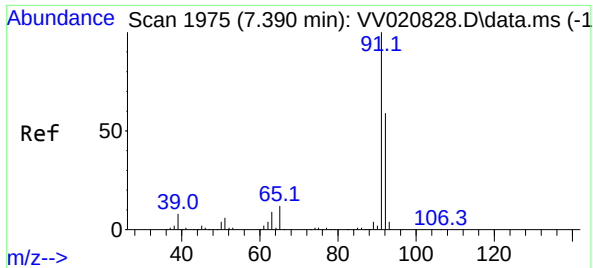


#34
Trichloroethene
Concen: 5739.47 ug/L m
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV020850.D
Acq: 01 Apr 2021 19:25

Tgt Ion: 95 Resp: 33093186

Ion	Ratio	Lower	Upper
95	100		
97	78.5	43.5	80.9
132	100.0	69.5	129.1
130	100.0	70.7	131.3





#42
Toluene
Concen: 1.64 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.007 min
Lab File: VV020850.D
Acq: 01 Apr 2021 19:25

Tgt Ion: 91 Resp: 37484
Ion Ratio Lower Upper
91 100
92 64.0 39.9 74.1

Instrument :
MSVOA_V
ClientSampleId :
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