

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041621\
 Data File : VW021047.D
 Acq On : 16 Apr 2021 15:02
 Operator : SY/MD
 Sample : M2067-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG7A0

Manual Integrations
 APPROVED

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 4/20/2021 10:33:05 AM

Quant Time: Apr 17 00:49:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 17 00:47:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	408413	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	410578	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	212680	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	93326	42.01	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.02%		
7) Chloroethane-d5	1.571	69	83480	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.58%		
11) 1,1-Dichloroethene-d2	2.114	63	252974	53.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	106.16%		
21) 2-Butanone-d5	3.905	46	164911	112.86	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.86%		
24) Chloroform-d	4.355	84	287657	52.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.30%		
26) 1,2-Dichloroethane-d4	5.037	65	203297	54.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.08%		
32) Benzene-d6	5.056	84	519071	51.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.42%		
36) 1,2-Dichloropropane-d6	6.082	67	149217	53.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	106.04%		
41) Toluene-d8	7.323	98	512813	51.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.10%		
43) trans-1,3-Dichloroprop...	7.628	79	93795	54.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	108.16%		
47) 2-Hexanone-d5	8.098	63	148199	122.60	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	122.60%		
56) 1,1,2,2-Tetrachloroeth...	10.223	84	243530	53.39	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.78%		
66) 1,2-Dichlorobenzene-d4	11.631	152	253406	58.36	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	116.72%		
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	21089	8.66	ug/L #	65
12) 1,1-Dichloroethene	2.121	96	173596	70.99	ug/L #	82
17) trans-1,2-Dichloroethene	2.767	96	5887	2.26	ug/L	91
20) cis-1,2-Dichloroethene	3.915	96	406783	146.74	ug/L	96
33) Benzene	5.108	78	2225450	216.96	ug/L	100
34) Trichloroethene	5.921	95	29793913m	10085.90	ug/L	
42) Toluene	7.400	91	54974	4.75	ug/L	94
46) Tetrachloroethene	7.985	164	44572116m	15852.88	ug/L	
54) o-Xylene	9.554	106	8197	1.65	ug/L	78

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

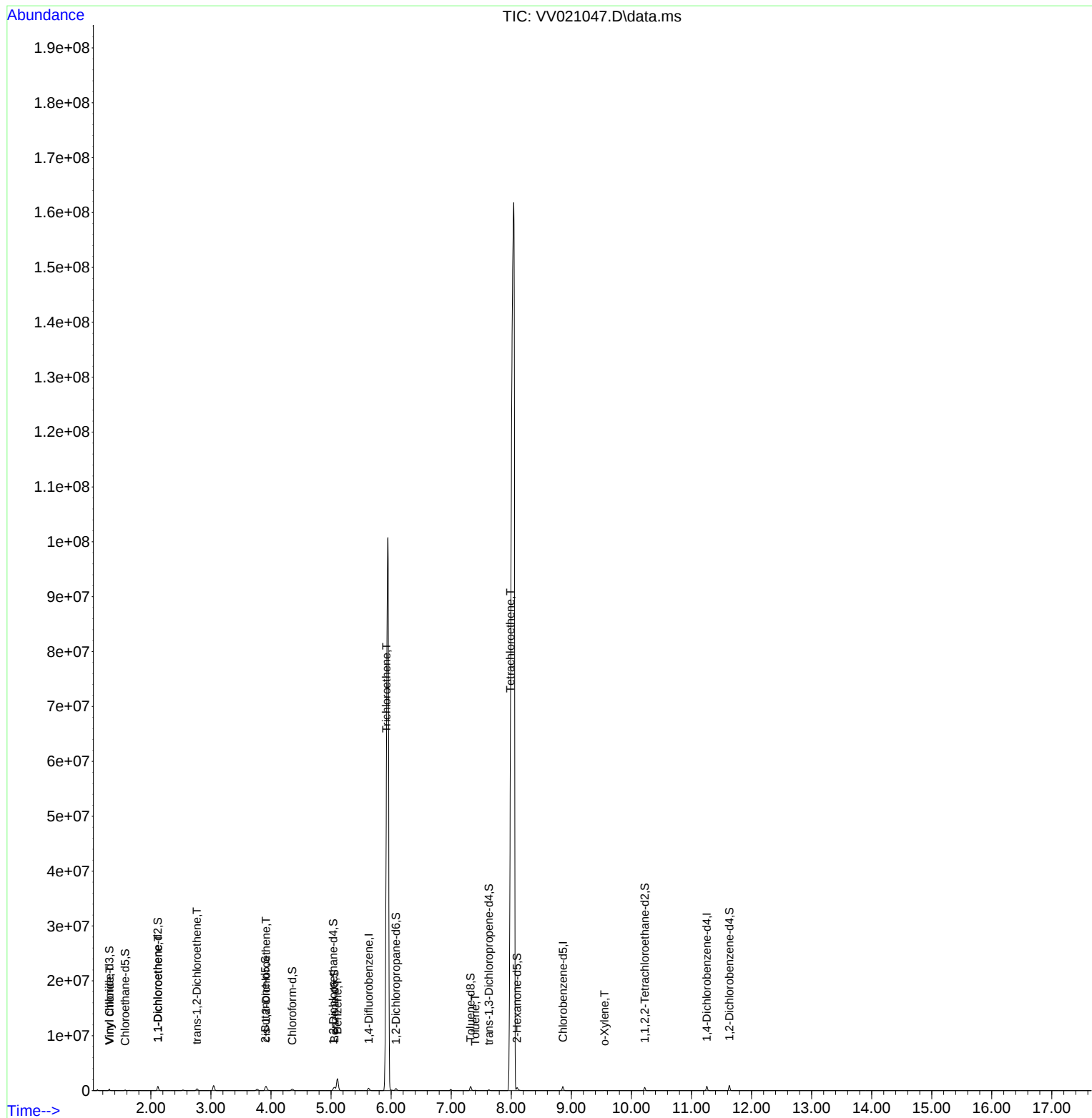
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Data File : VV021047.D
Acq On : 16 Apr 2021 15:02
Operator : SY/MD
Sample : M2067-05
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

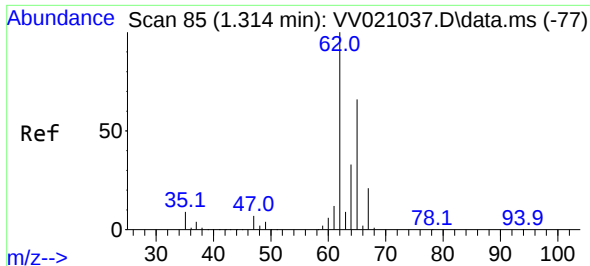
Instrument :
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ClientSampleId :
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Response via : Initial Calibration





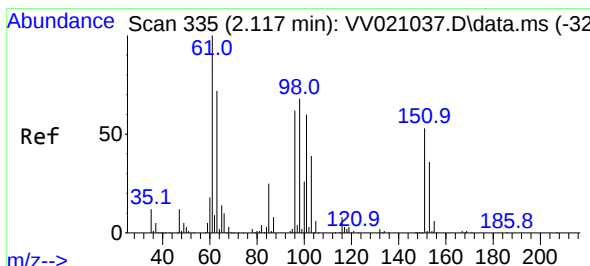
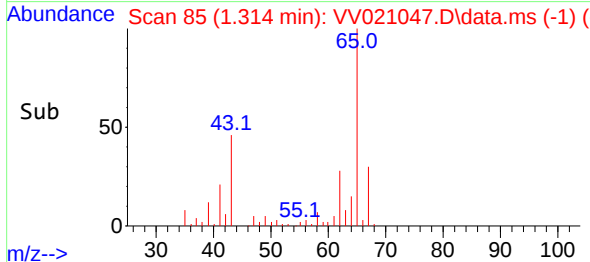
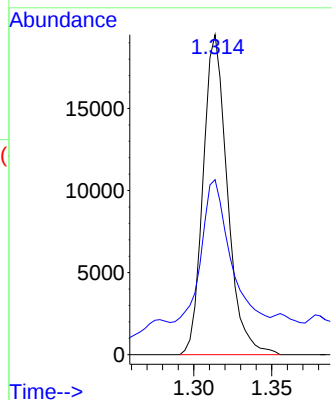
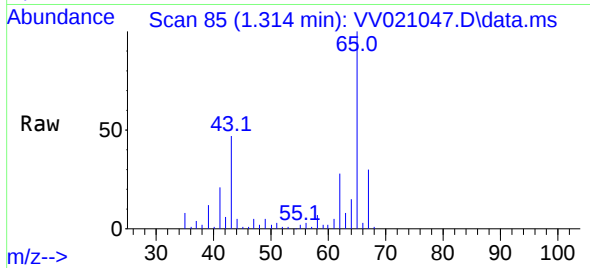
#5
 Vinyl chloride
 Concen: 8.66 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV021047.D
 Acq: 16 Apr 2021 15:02

Tgt Ion: 62 Resp: 21089
 Ion Ratio Lower Upper
 62 100
 64 54.7 24.3 45.1#

Instrument :
 MSVOA_V
 ClientSampled :
 BG7A0

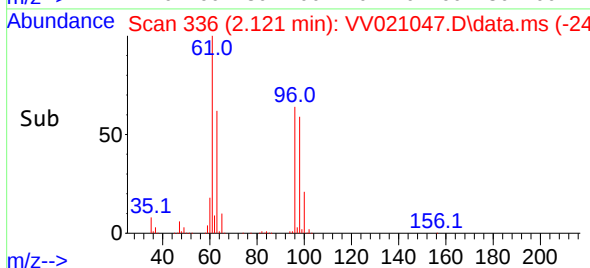
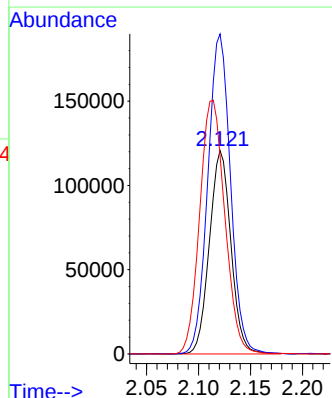
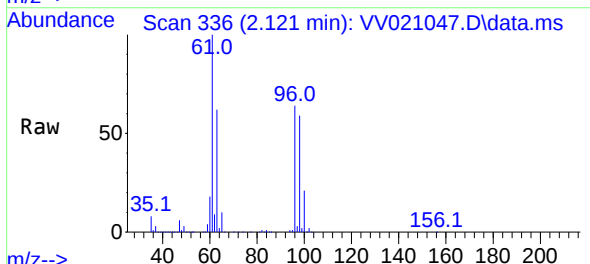
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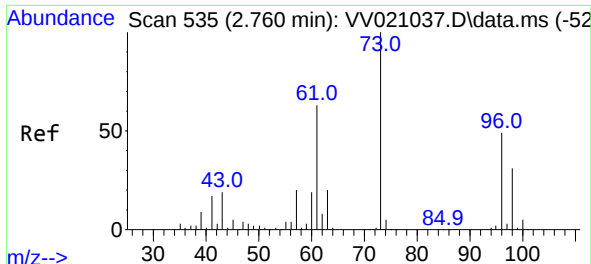
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#12
 1,1-Dichloroethene
 Concen: 70.99 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV021047.D
 Acq: 16 Apr 2021 15:02

Tgt Ion: 96 Resp: 173596
 Ion Ratio Lower Upper
 96 100
 61 157.4 113.1 210.1
 63 97.8 98.1 182.3#





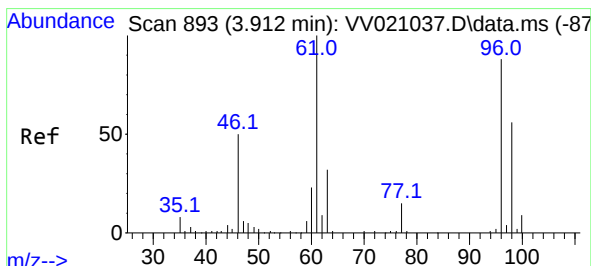
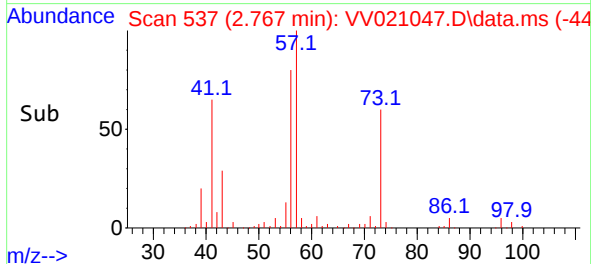
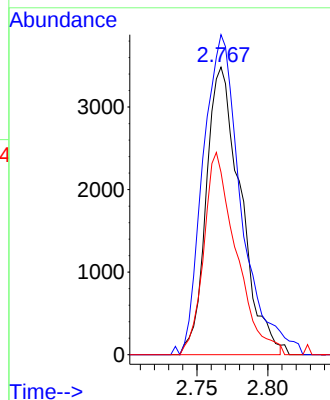
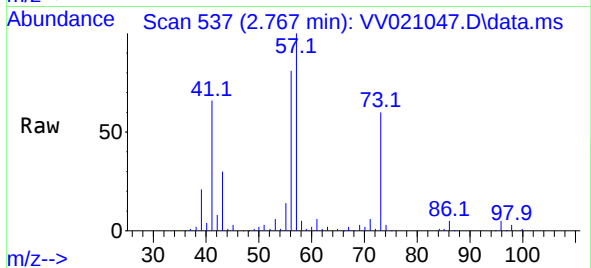
#17
trans-1,2-Dichloroethene
Concen: 2.26 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

Tgt Ion: 96 Resp: 5887
Ion Ratio Lower Upper
96 100
61 111.3 88.4 164.2
98 63.4 44.7 82.9

Instrument :
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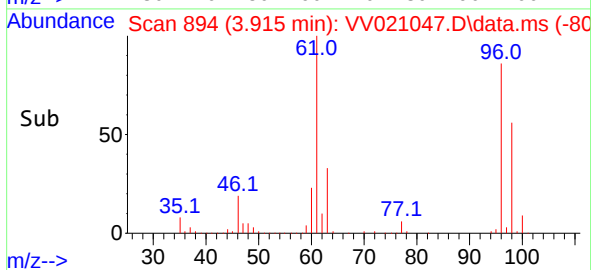
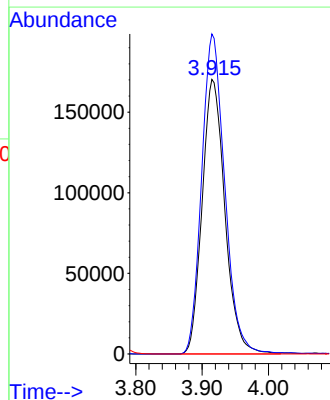
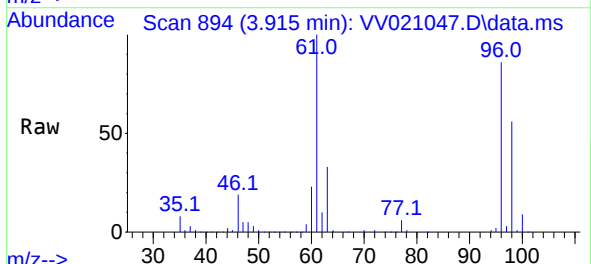
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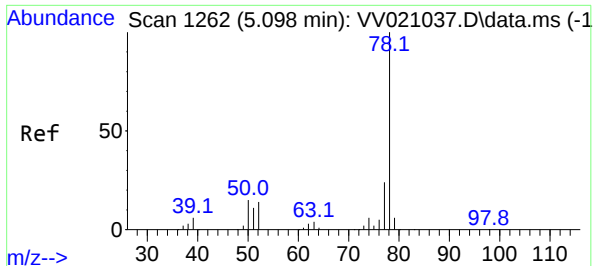
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#20
cis-1,2-Dichloroethene
Concen: 146.74 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

Tgt Ion: 96 Resp: 406783
Ion Ratio Lower Upper
96 100
61 116.6 78.3 145.3
68 0.0 0.0 0.0





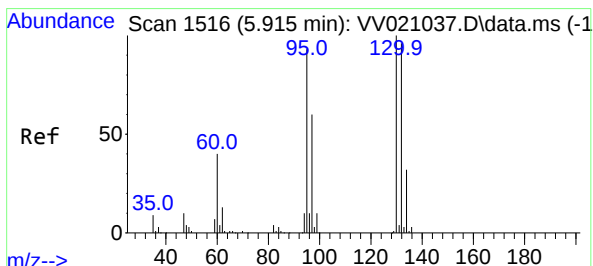
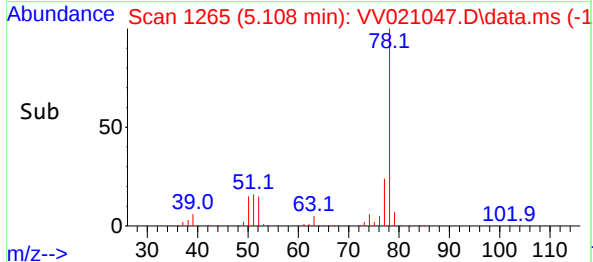
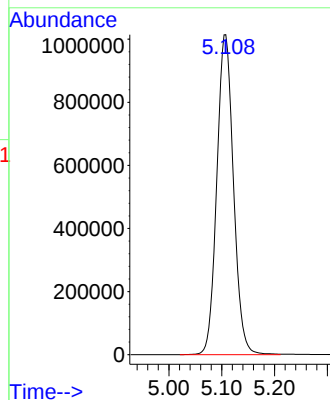
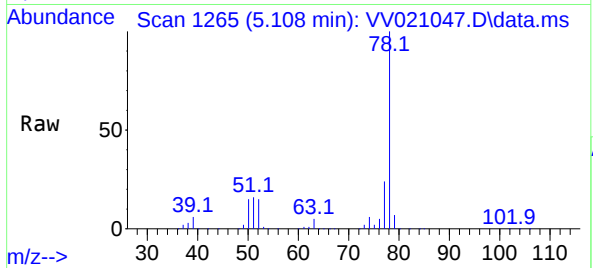
#33
Benzene
Concen: 216.96 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.010 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

Tgt Ion: 78 Resp: 2225450

Instrument :
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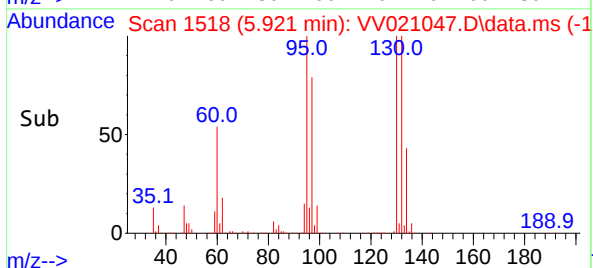
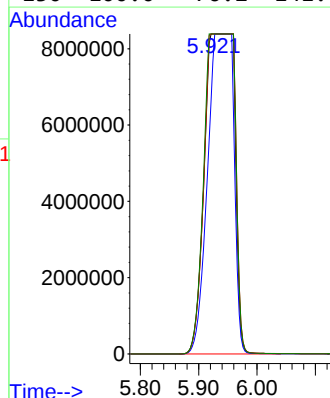
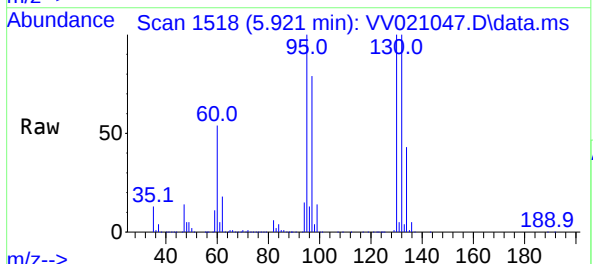
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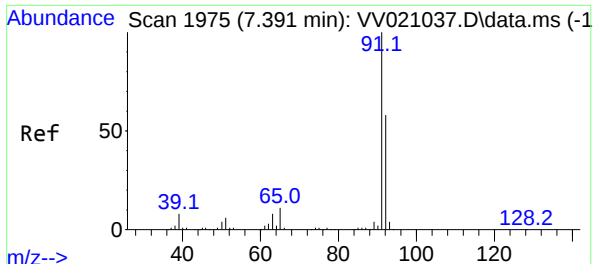


#34
Trichloroethene
Concen: 10085.90 ug/L m
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

Tgt Ion: 95 Resp: 29793913

Ion	Ratio	Lower	Upper
95	100		
97	79.1	45.1	83.9
132	100.0	74.2	137.8
130	100.0	76.2	141.4





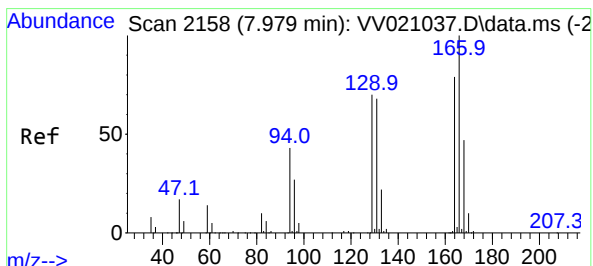
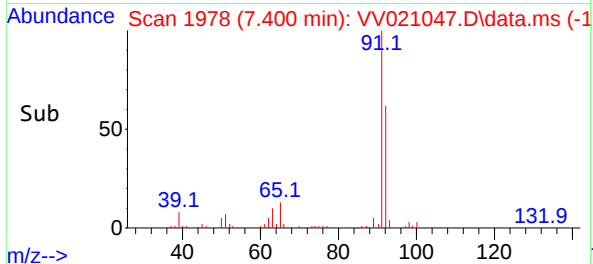
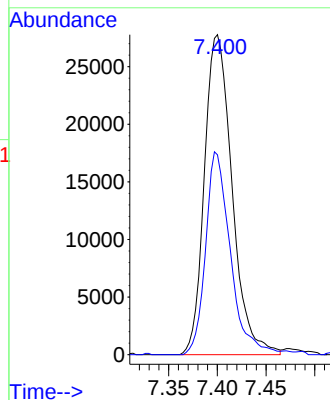
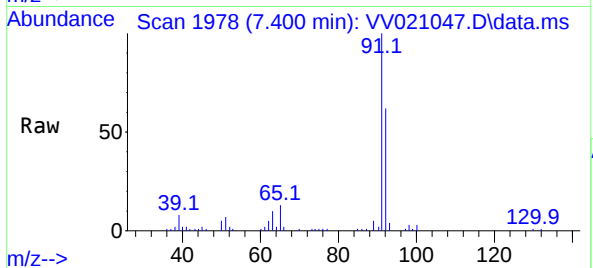
#42
Toluene
Concen: 4.75 ug/L
RT: 7.400 min Scan# 1978
Delta R.T. 0.010 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

Tgt Ion: 91 Resp: 54974
Ion Ratio Lower Upper
91 100
92 62.4 40.5 75.3

Instrument :
MSVOA_V
ClientSampleId :
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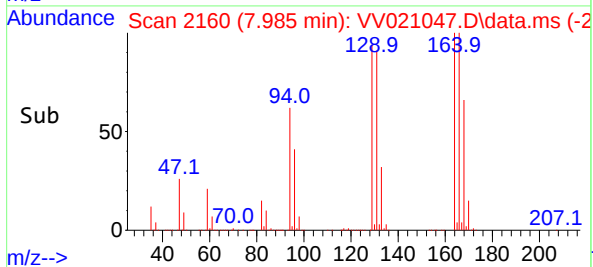
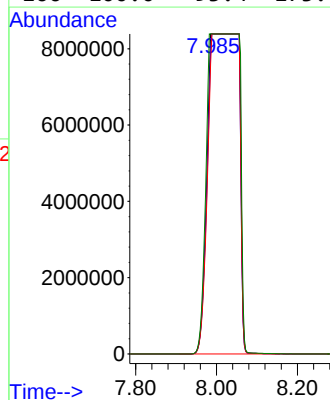
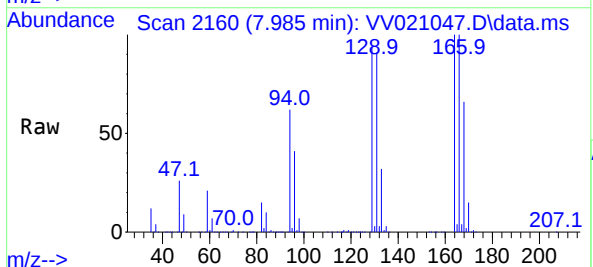
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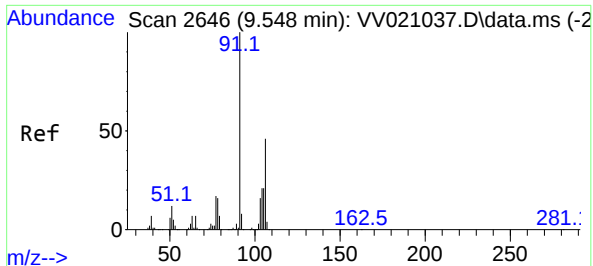
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#46
Tetrachloroethene
Concen: 15852.88 ug/L m
RT: 7.985 min Scan# 2160
Delta R.T. 0.006 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

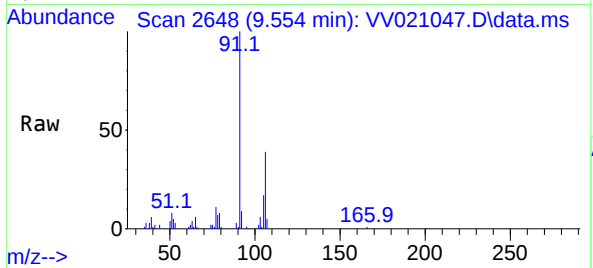
Tgt Ion: 164 Resp: 44572116
Ion Ratio Lower Upper
164 100
129 94.2 66.5 123.5
131 90.7 63.8 118.4
166 100.0 93.4 173.4





#54
o-Xylene
Concen: 1.65 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. 0.006 min
Lab File: VV021047.D
Acq: 16 Apr 2021 15:02

Instrument :
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ClientSampleId :
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Tgt Ion:106 Resp: 8197
Ion Ratio Lower Upper
106 100
91 255.6 154.5 286.9

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