

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020350.D
 Acq On : 07 Oct 2021 06:39
 Operator : SY/VA
 Sample : M4000-17
 Misc : 7.56g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW910

Manual Integrations
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 10/11/2021 2:06:57 PM

Quant Time: Oct 07 07:55:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 05:04:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	350905	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	311897	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	133099	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	107579	22.244	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.960%		
7) Chloroethane-d5	2.879	69	46207	22.050	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	88.200%		
11) 1,1-Dichloroethene-d2	4.019	63	148777m	14.939	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	59.760%		
21) 2-Butanone-d5	7.086	46	51859	42.211	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.420%		
24) Chloroform-d	7.653	84	214500	21.289	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.160%		
26) 1,2-Dichloroethane-d4	8.305	65	116594	21.144	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	84.560%		
32) Benzene-d6	8.274	84	440389	23.320	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	93.280%		
36) 1,2-Dichloropropane-d6	9.274	67	141299	23.590	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	94.360%		
41) Toluene-d8	10.323	98	390644	22.839	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.360%		
43) trans-1,3-Dichloroprop...	10.579	79	50456	20.703	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.800%		
47) 2-Hexanone-d5	10.926	63	39562	47.787	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	95.580%		
56) 1,1,2,2-Tetrachloroeth...	12.694	84	80639	19.289	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	77.160%		
66) 1,2-Dichlorobenzene-d4	13.853	152	102031	21.892	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	87.560%		
Target Compounds						Qvalue
5) Vinyl chloride	2.355	62	23974	3.750	ug/L	# 60
13) Acetone	4.135	43	14637	11.589	ug/L	99
14) Carbon disulfide	4.385	76	34329	2.139	ug/L	98
16) Methylene chloride	4.921	84	20096	3.207	ug/L	97
17) trans-1,2-Dichloroethene	5.434	96	2871m	0.562	ug/L	
20) cis-1,2-Dichloroethene	7.171	96	56390	10.788	ug/L	99
22) 2-Butanone	7.189	43	4197	2.703	ug/L	82
29) Cyclohexane	7.957	56	5233	0.564	ug/L	98
34) Trichloroethene	9.098	95	85369	15.999	ug/L	95
42) Toluene	10.396	91	7440	0.341	ug/L	94
46) Tetrachloroethene	10.859	164	1308	0.333	ug/L	94
60) Isopropylbenzene	12.463	105	11833	0.599	ug/L	99

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

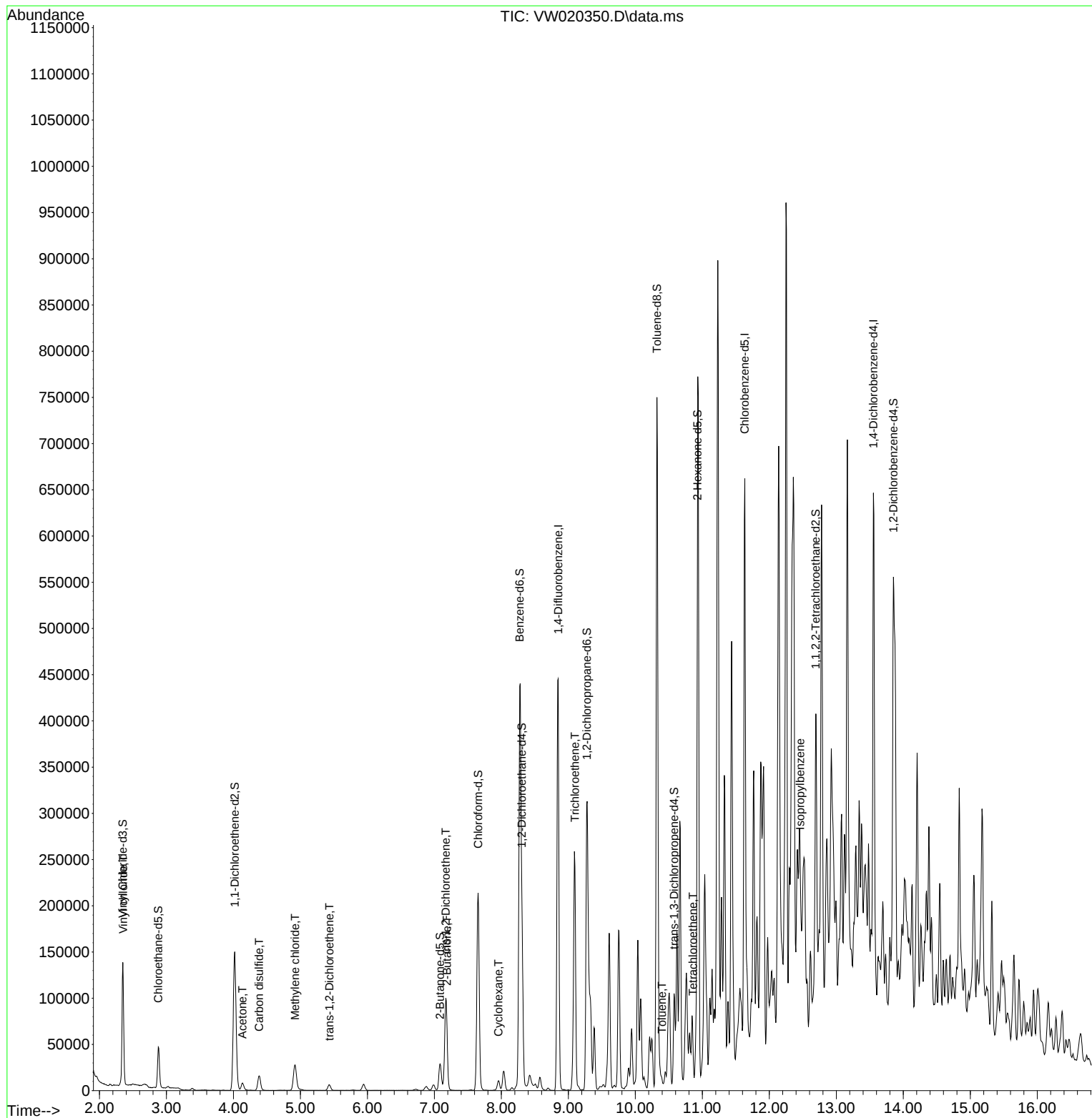
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Data File : VW020350.D
Acq On : 07 Oct 2021 06:39
Operator : SY/VA
Sample : M4000-17
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ALS Vial : 1 Sample Multiplier: 1

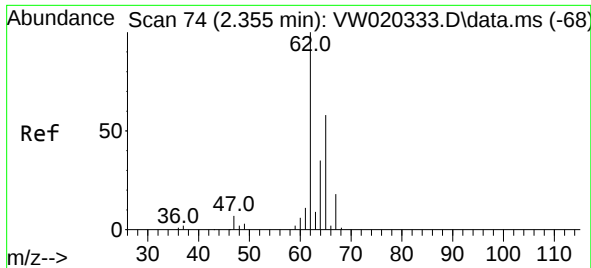
Instrument :
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Quant Title : SFAM01.0
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Response via : Initial Calibration





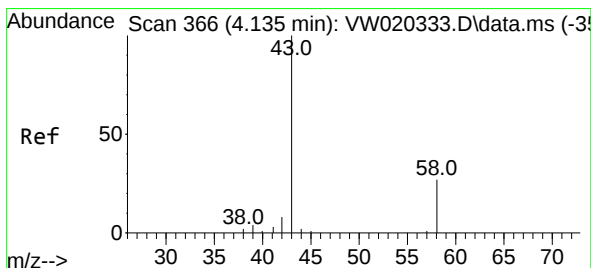
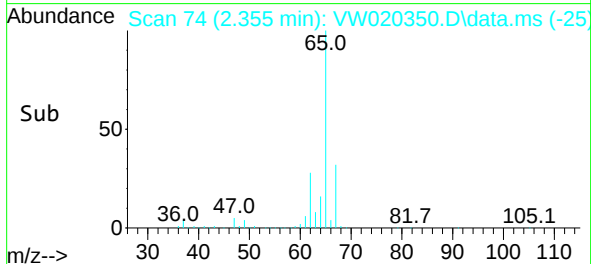
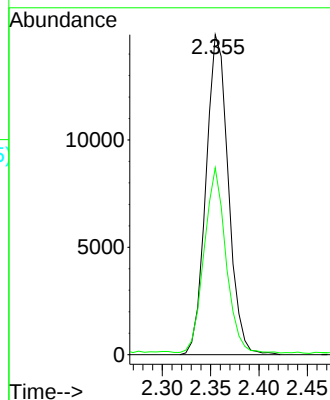
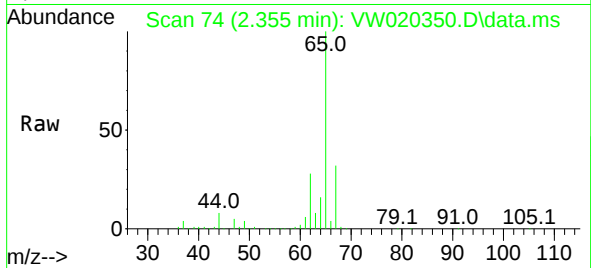
#5
 Vinyl chloride
 Concen: 3.750 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020350.D
 Acq: 07 Oct 2021 06:39

Tgt Ion: 62 Resp: 23974
 Ion Ratio Lower Upper
 62 100
 64 58.4 24.6 45.6#

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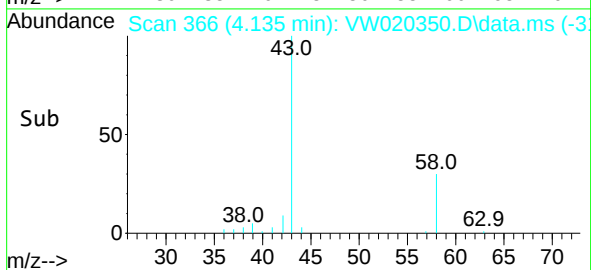
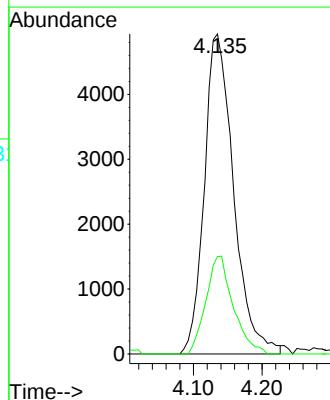
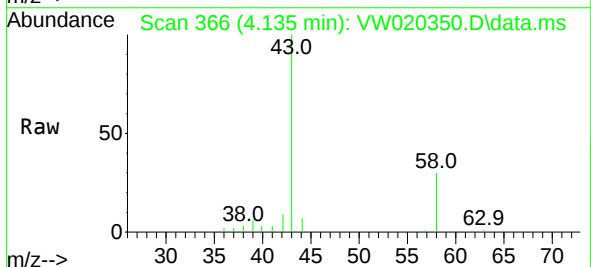
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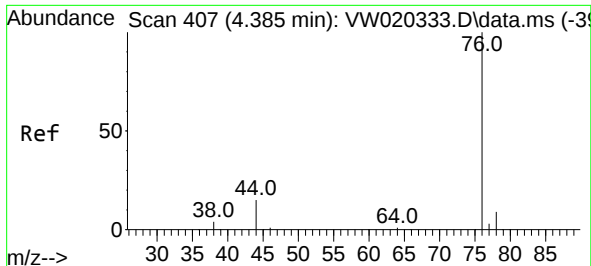
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#13
 Acetone
 Concen: 11.589 ug/L
 RT: 4.135 min Scan# 366
 Delta R.T. -0.000 min
 Lab File: VW020350.D
 Acq: 07 Oct 2021 06:39

Tgt Ion: 43 Resp: 14637
 Ion Ratio Lower Upper
 43 100
 58 28.5 0.0 58.4





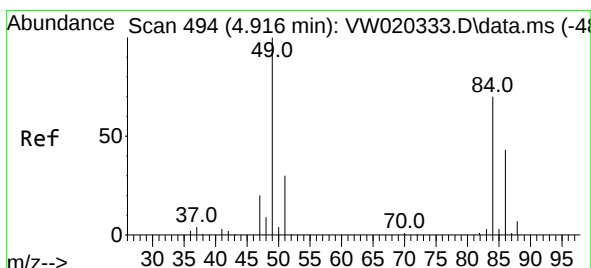
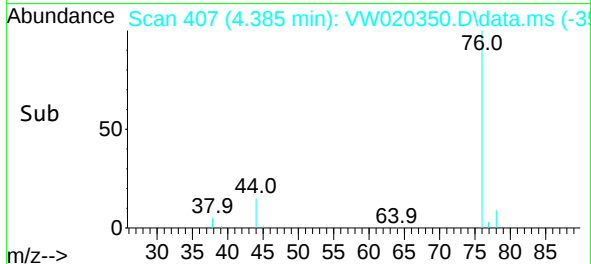
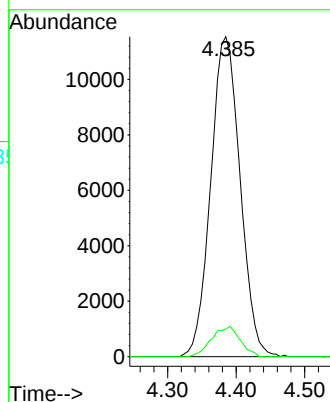
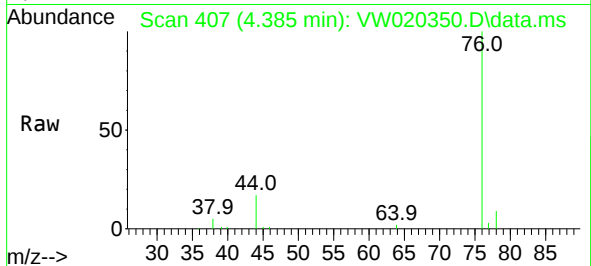
#14
Carbon disulfide
Concen: 2.139 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion: 76 Resp: 34329
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2

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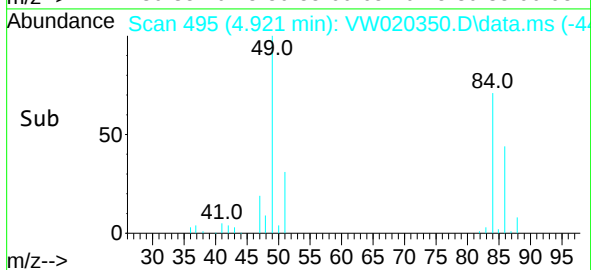
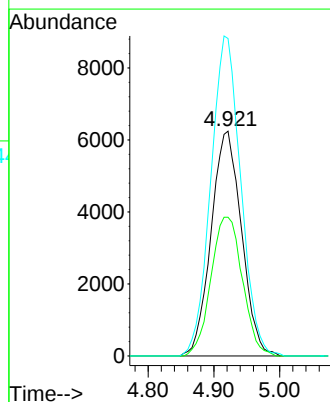
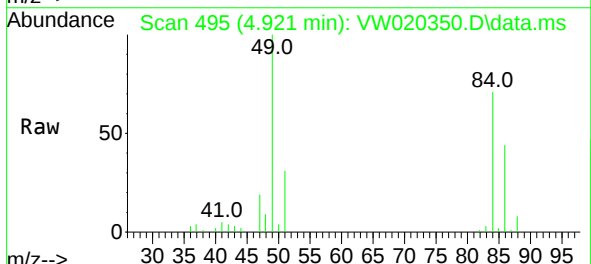
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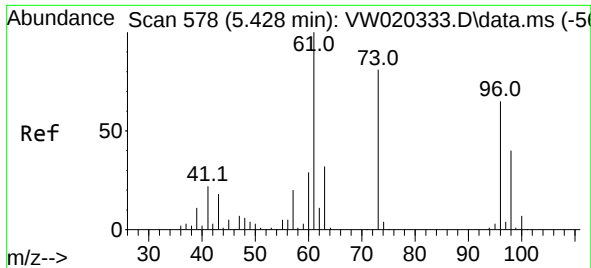
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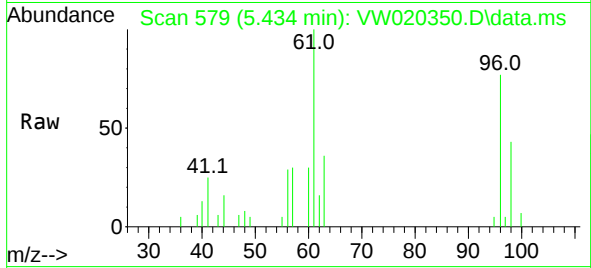
#16
Methylene chloride
Concen: 3.207 ug/L
RT: 4.921 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion: 84 Resp: 20096
Ion Ratio Lower Upper
84 100
86 61.7 44.7 83.1
49 141.2 101.7 188.9

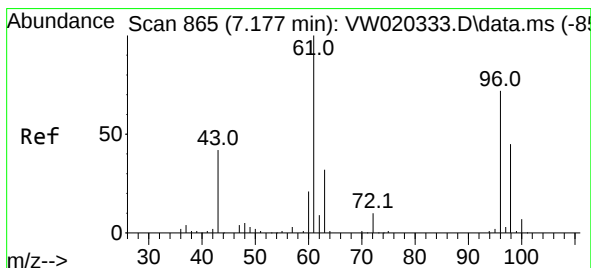
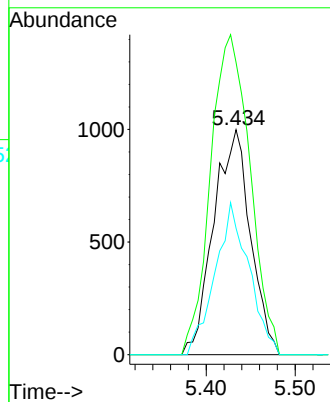
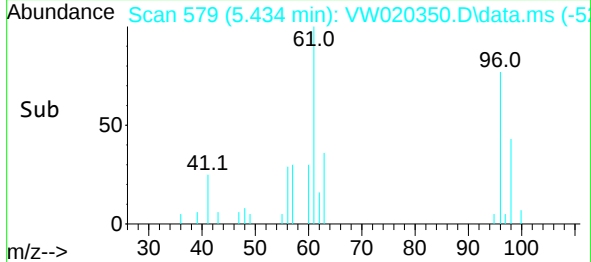




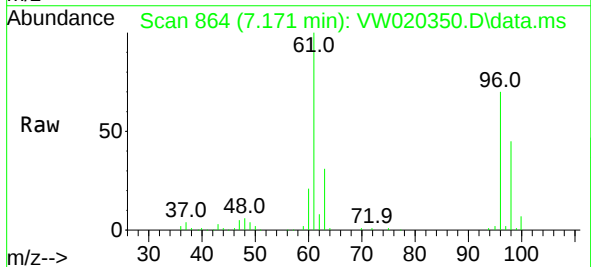
#17
trans-1,2-Dichloroethene
Concen: 0.562 ug/L m
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39



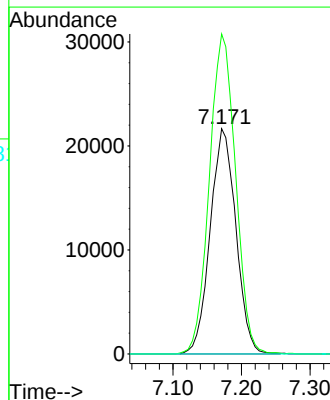
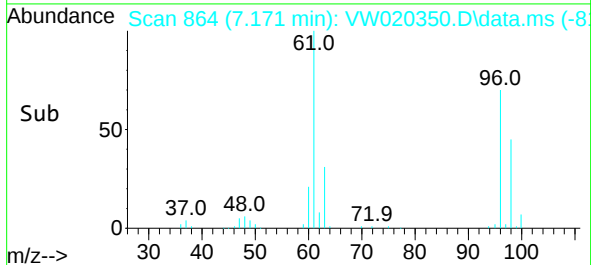
Tgt Ion: 96 Resp: 2871
Ion Ratio Lower Upper
96 100
61 129.9 110.7 205.5
98 56.3 43.9 81.5



#20
cis-1,2-Dichloroethene
Concen: 10.788 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39



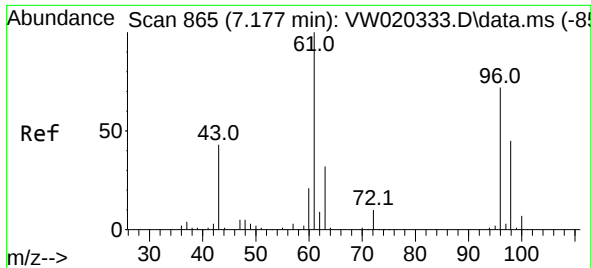
Tgt Ion: 96 Resp: 56390
Ion Ratio Lower Upper
96 100
61 142.0 100.3 186.3
68 0.0 0.0 0.0



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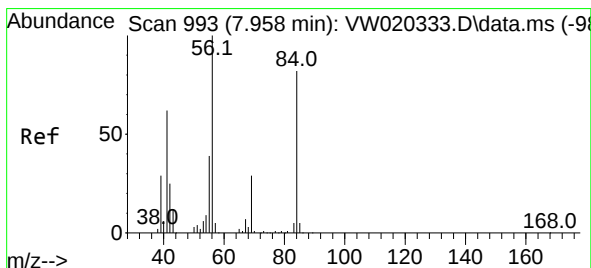
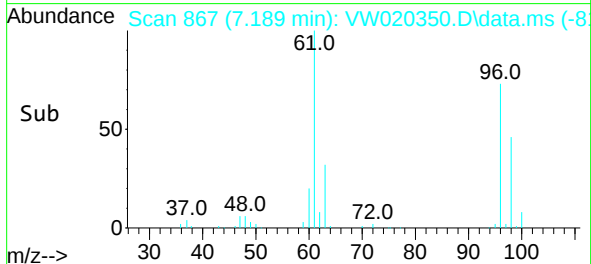
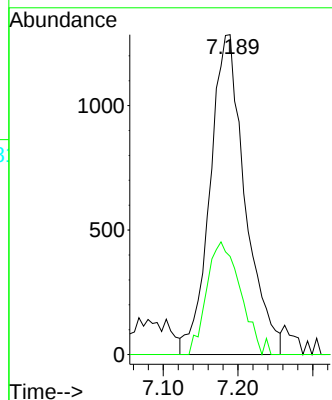
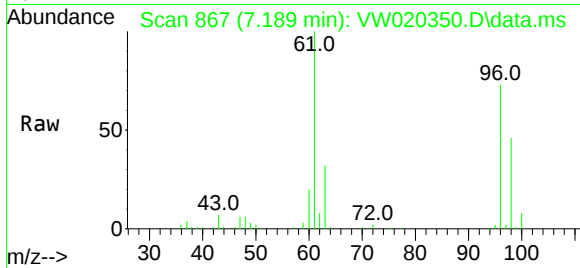
#22
2-Butanone
Concen: 2.703 ug/L
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion: 43 Resp: 4197
Ion Ratio Lower Upper
43 100
72 33.4 12.2 36.6

Instrument :
MSVOA_W
ClientSampled :
EW910

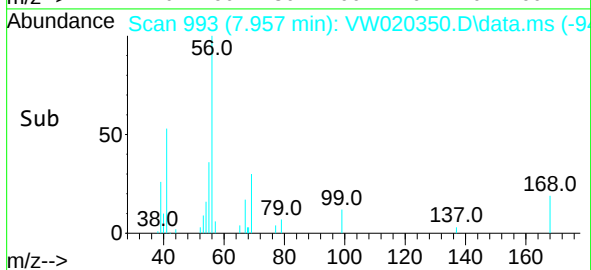
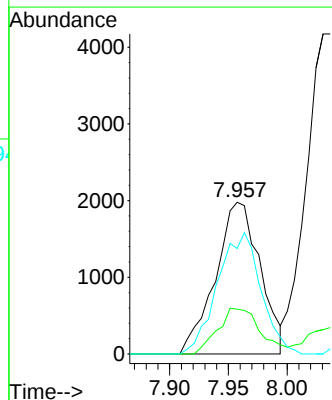
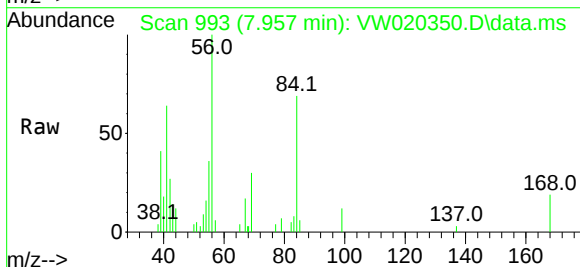
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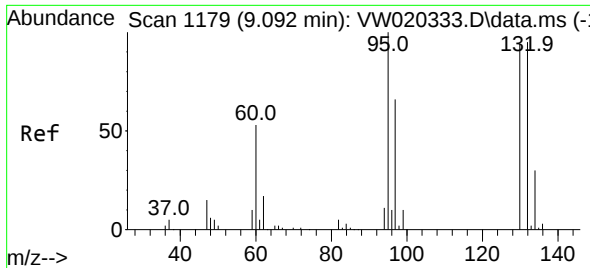
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#29
Cyclohexane
Concen: 0.564 ug/L
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion: 56 Resp: 5233
Ion Ratio Lower Upper
56 100
69 28.7 23.2 34.8
84 77.6 63.7 95.5





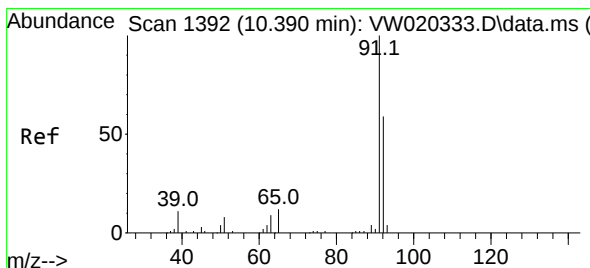
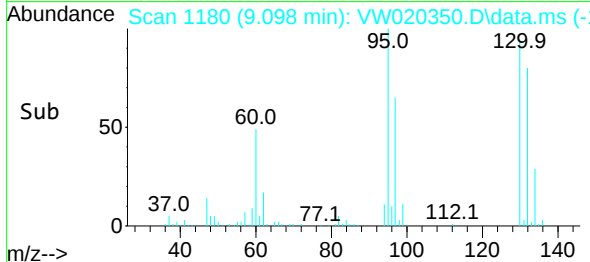
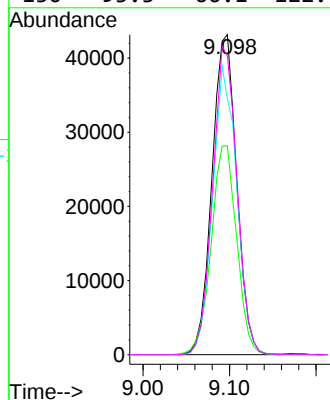
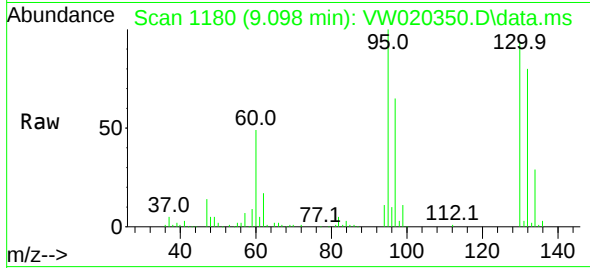
#34
Trichloroethene
Concen: 15.999 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion:	95	Resp:	85369
Ion	Ratio	Lower	Upper
95	100		
97	65.3	43.2	80.2
132	80.0	62.3	115.7
130	93.3	66.1	122.7

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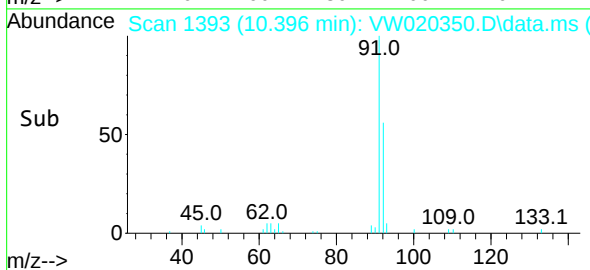
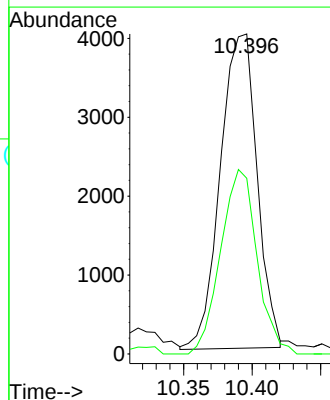
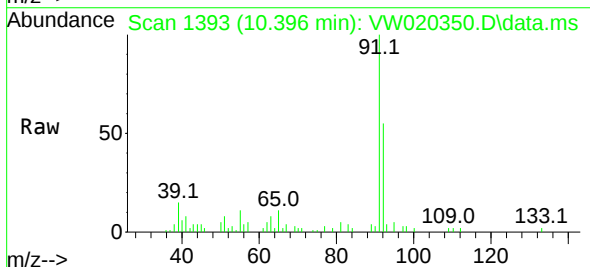
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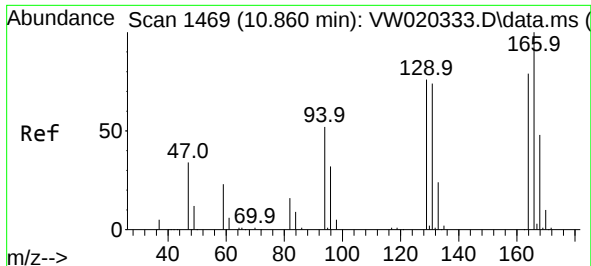
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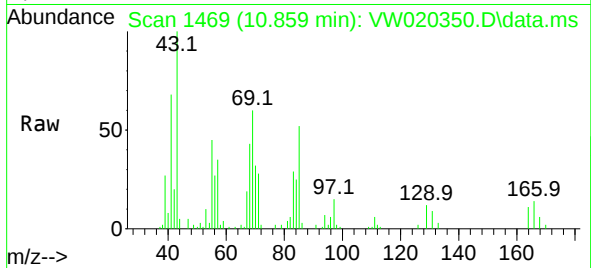
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Toluene
Concen: 0.341 ug/L
RT: 10.396 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39

Tgt Ion:	91	Resp:	7440
Ion	Ratio	Lower	Upper
91	100		
92	54.9	41.5	77.1



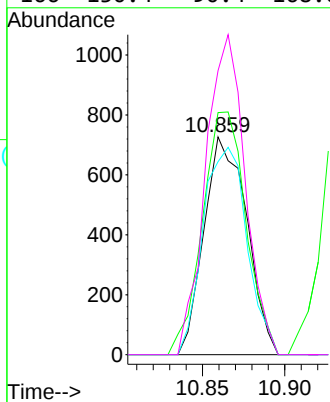
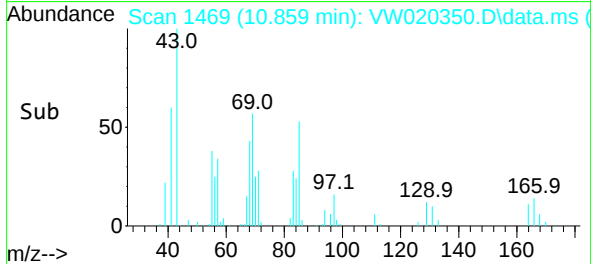


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Tetrachloroethene
Concen: 0.333 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39



Tgt Ion:164 Resp: 1308

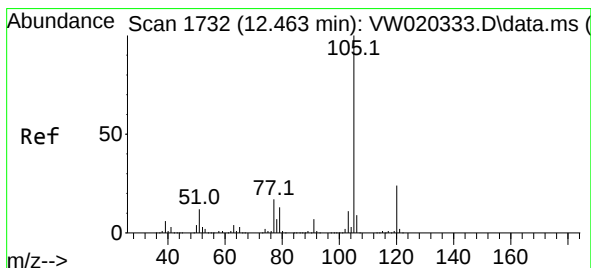
Ion	Ratio	Lower	Upper
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129	111.1	69.1	128.3
131	88.6	58.3	108.3
166	130.4	90.4	168.0



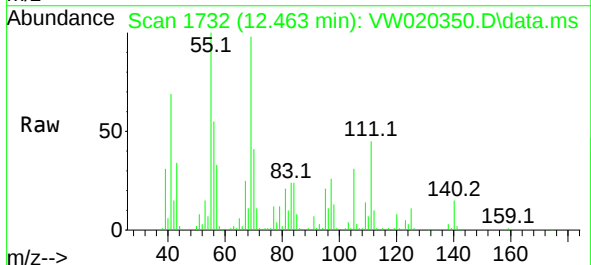
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#60
Isopropylbenzene
Concen: 0.599 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020350.D
Acq: 07 Oct 2021 06:39



Tgt Ion:105 Resp: 11833

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.3	30.5
77	17.0	13.8	20.6

