

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022898.D
 Acq On : 19 Oct 2021 04:17
 Operator : SY/MD
 Sample : M4137-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGD1

Manual Integrations
 APPROVED

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 10/19/2021 3:48:27 PM

Quant Time: Oct 19 05:21:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119753	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	124225	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57133	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	32226	3.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.20%
7) Chloroethane-d5	1.567	69	30203	4.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.60%
11) 1,1-Dichloroethene-d2	2.108	63	47304	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	3.889	46	115819	53.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.22%
24) Chloroform-d	4.349	84	91843	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.034	65	42567	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.053	84	169293	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.069	67	56248	5.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.80%
41) Toluene-d8	7.316	98	143092	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloroprop...	7.625	79	16173	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.088	63	90129	61.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.12%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42380	5.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.20%
66) 1,2-Dichlorobenzene-d4	11.625	152	59866	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	2306	0.25	ug/L	# 55
13) Acetone	2.178	43	9269m	7.69	ug/L	
17) Methyl tert-butyl Ether	2.767	73	13345	0.76	ug/L	98
19) 1,1-Dichloroethane	3.194	63	15242	1.08	ug/L	95
22) cis-1,2-Dichloroethene	3.915	96	46714	5.66	ug/L	96
34) Trichloroethene	5.924	95	4696	0.52	ug/L	88
42) Toluene	7.397	91	8632	0.25	ug/L	97
47) Tetrachloroethene	7.979	164	16255	2.21	ug/L	97
53) m,p-xylene	9.149	106	1863	0.14	ug/L	91

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

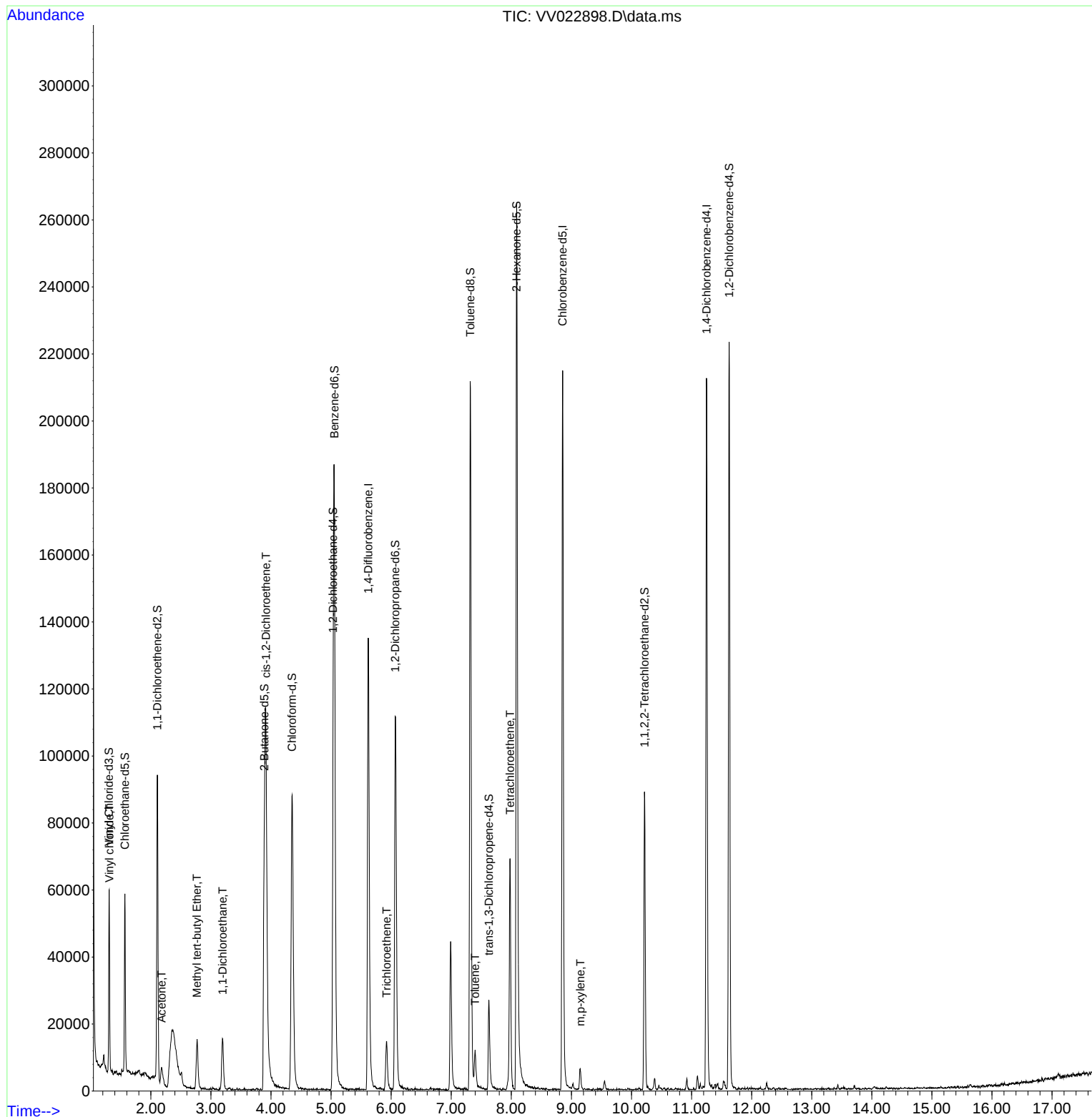
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
Data File : VV022898.D
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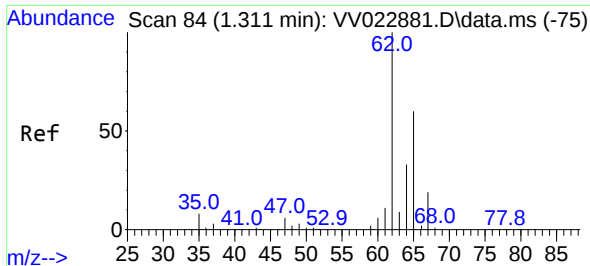
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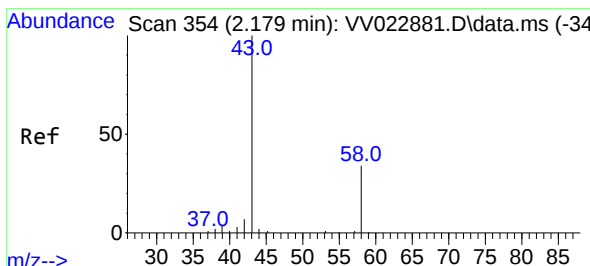
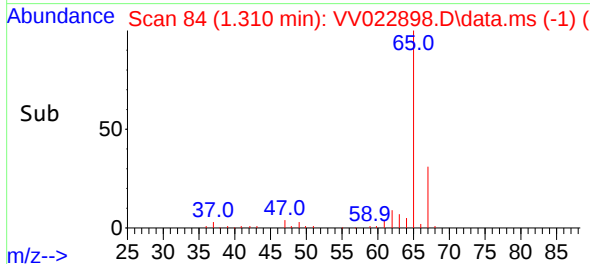
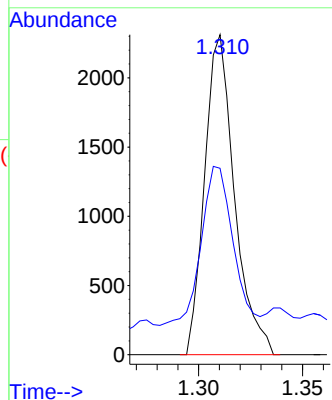
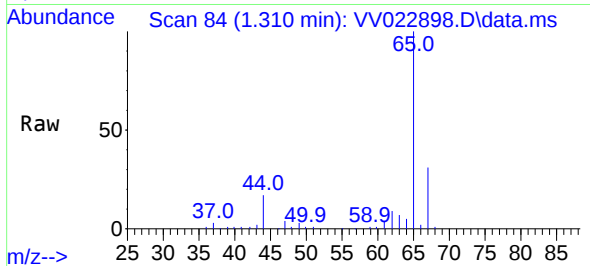
#5
 Vinyl chloride
 Concen: 0.25 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022898.D
 Acq: 19 Oct 2021 04:17

Tgt Ion: 62 Resp: 2306
 Ion Ratio Lower Upper
 62 100
 64 58.3 23.0 42.8#

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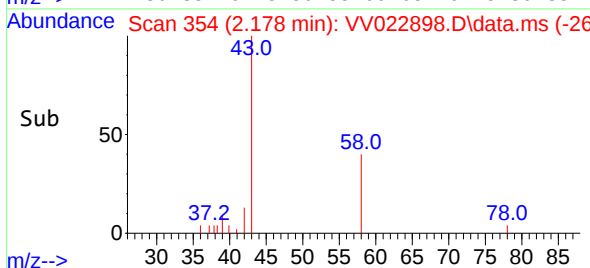
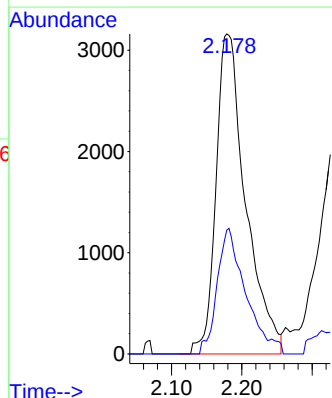
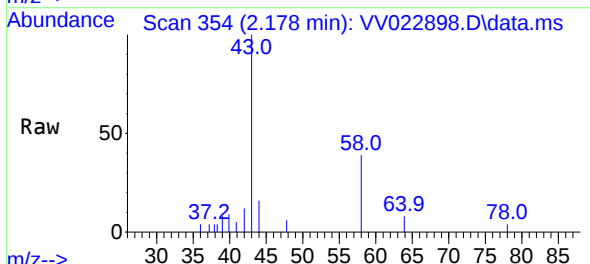
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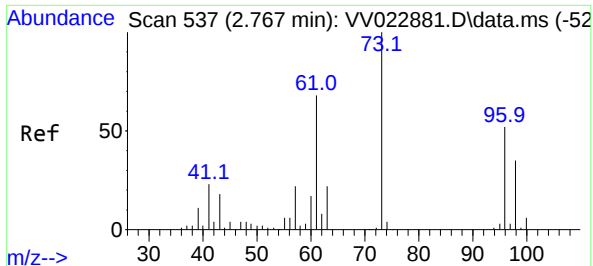
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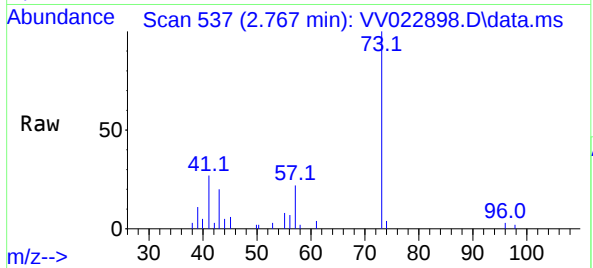
#13
 Acetone
 Concen: 7.69 ug/L m
 RT: 2.178 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VV022898.D
 Acq: 19 Oct 2021 04:17

Tgt Ion: 43 Resp: 9269
 Ion Ratio Lower Upper
 43 100
 58 2.7 0.0 24.2

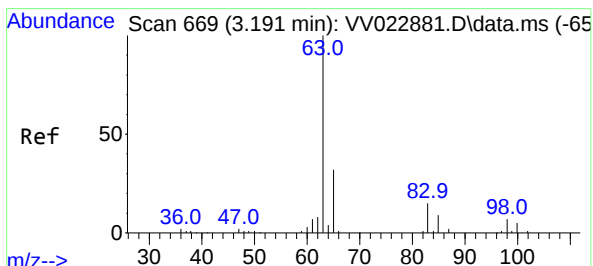
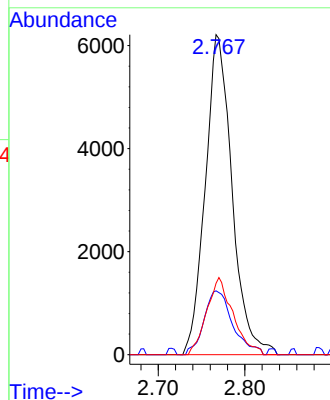
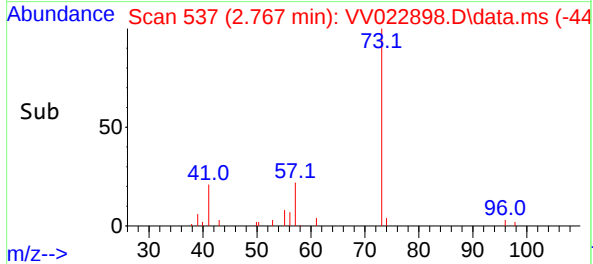




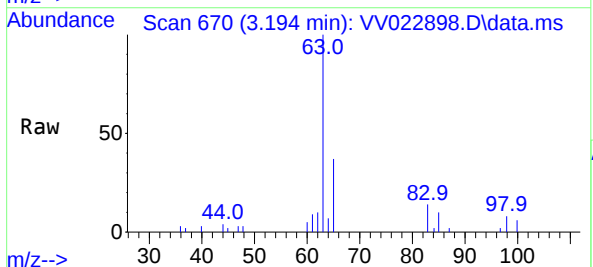
#17
Methyl tert-butyl Ether
Concen: 0.76 ug/L
RT: 2.767 min Scan# 537
Delta R.T. -0.000 min
Lab File: VV022898.D
Acq: 19 Oct 2021 04:17



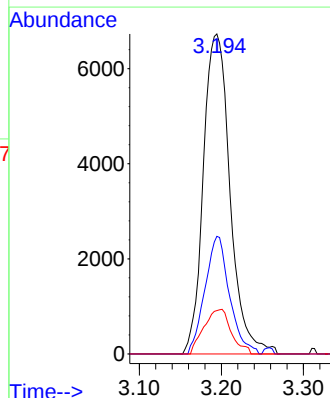
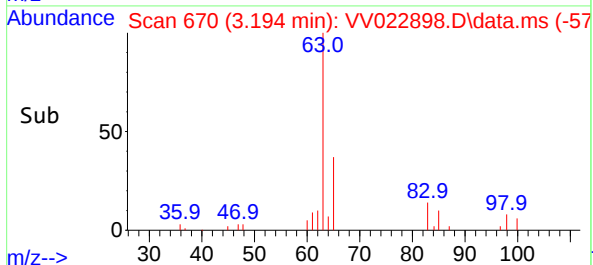
Tgt Ion:	73	Resp:	13345
Ion	Ratio	Lower	Upper
73	100		
43	21.4	17.1	25.7
57	23.8	17.2	25.8



#19
1,1-Dichloroethane
Concen: 1.08 ug/L
RT: 3.194 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV022898.D
Acq: 19 Oct 2021 04:17



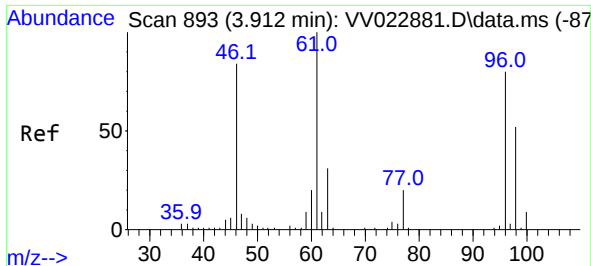
Tgt Ion:	63	Resp:	15242
Ion	Ratio	Lower	Upper
63	100		
65	36.8	23.5	43.7
83	13.5	10.1	18.7



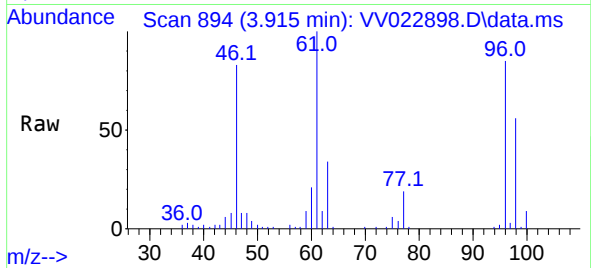
Instrument :
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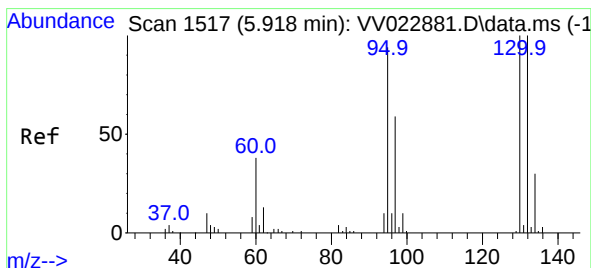
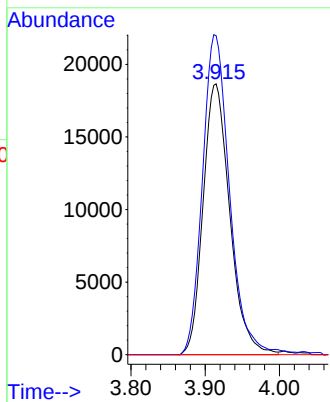
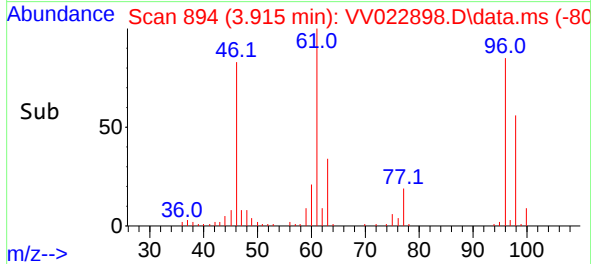
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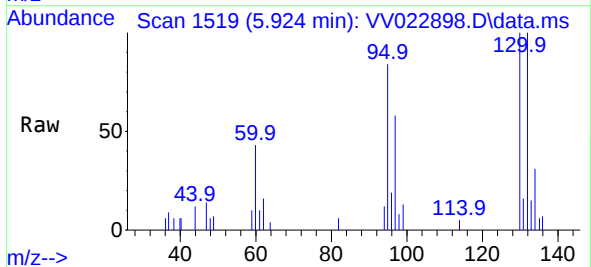
#22
cis-1,2-Dichloroethene
Concen: 5.66 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022898.D
Acq: 19 Oct 2021 04:17



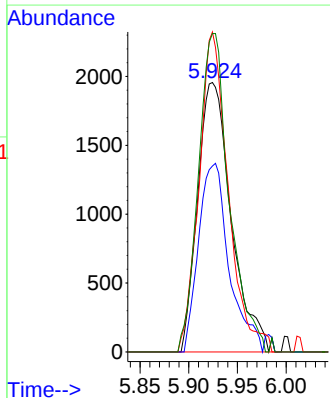
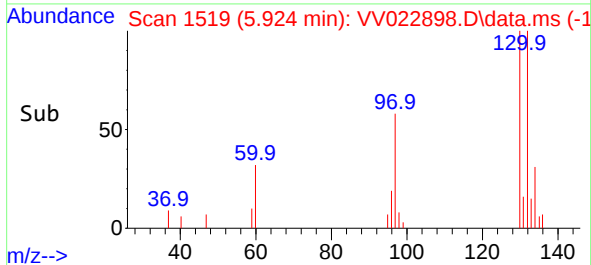
Tgt Ion: 96 Resp: 46714
Ion Ratio Lower Upper
96 100
61 117.8 86.0 159.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.52 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.006 min
Lab File: VV022898.D
Acq: 19 Oct 2021 04:17



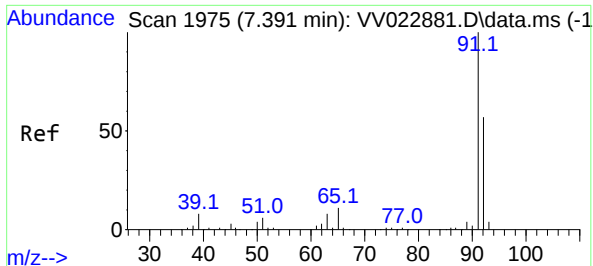
Tgt Ion: 95 Resp: 4696
Ion Ratio Lower Upper
95 100
97 69.0 45.8 85.2
132 118.8 72.2 134.0
130 118.2 73.4 136.4



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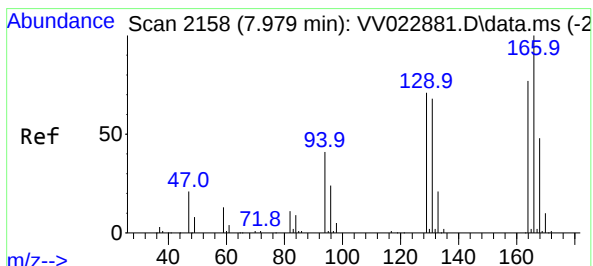
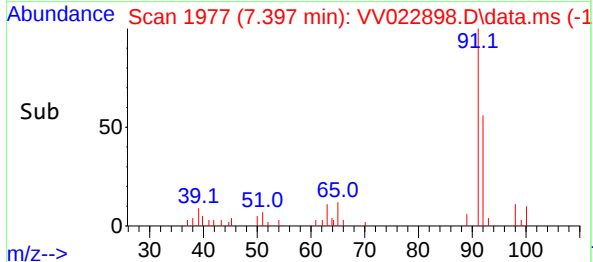
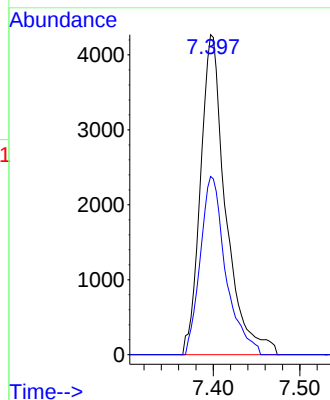
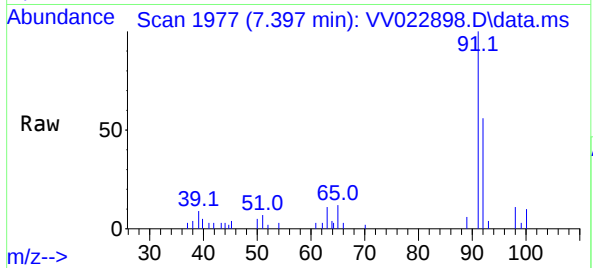
#42
Toluene
Concen: 0.25 ug/L
RT: 7.397 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VV022898.D
Acq: 19 Oct 2021 04:17

Tgt Ion: 91 Resp: 8632
Ion Ratio Lower Upper
91 100
92 55.7 40.7 75.7

Instrument :
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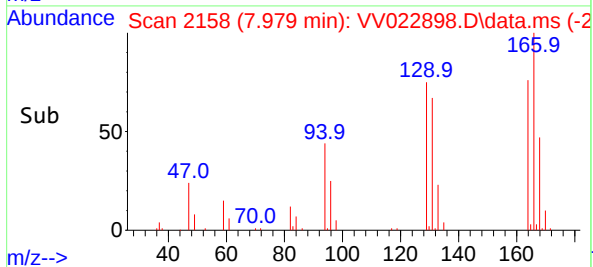
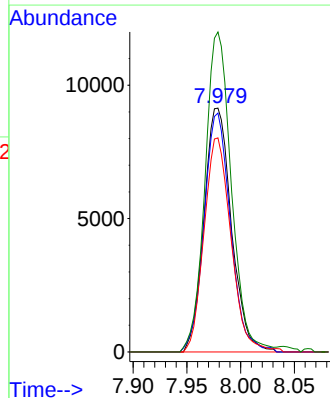
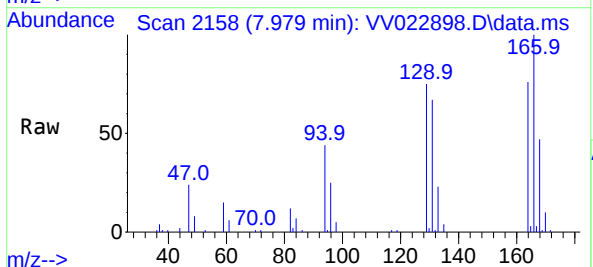
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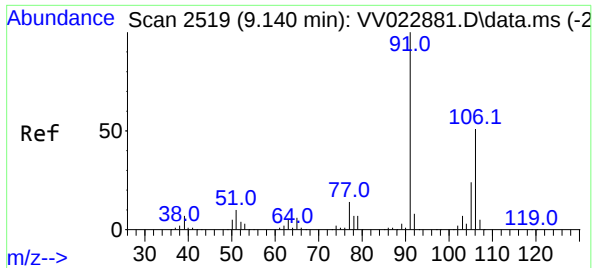
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#47
Tetrachloroethene
Concen: 2.21 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. -0.000 min
Lab File: VV022898.D
Acq: 19 Oct 2021 04:17

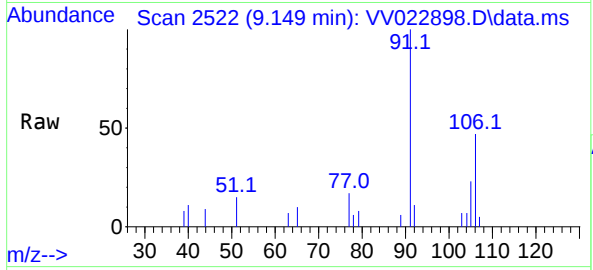
Tgt Ion: 164 Resp: 16255
Ion Ratio Lower Upper
164 100
129 98.0 65.0 120.6
131 87.8 62.2 115.4
166 131.3 89.2 165.8





#53
 m,p-xylene
 Concen: 0.14 ug/L
 RT: 9.149 min Scan# 2522
 Delta R.T. 0.009 min
 Lab File: VV022898.D
 Acq: 19 Oct 2021 04:17

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 ClientSampleId :
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Tgt Ion:106 Resp: 1863
 Ion Ratio Lower Upper
 106 100
 91 211.6 138.7 257.5

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