

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022892.D
 Acq On : 19 Oct 2021 01:53
 Operator : SY/MD
 Sample : M4137-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA8

Manual Integrations
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 10/19/2021 3:48:06 PM

Quant Time: Oct 19 04:09:06 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	117924	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	119772	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56900	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33568	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.568	69	31888	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.40%
11) 1,1-Dichloroethene-d2	2.108	63	48350	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	3.886	46	120987	56.87	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.74%
24) Chloroform-d	4.352	84	93500	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.034	65	45304	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.60%
32) Benzene-d6	5.053	84	182715	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.072	67	58961	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	7.317	98	149949	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloroprop...	7.625	79	17826	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.088	63	95346	67.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	135.08%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	43462	6.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.60%#
66) 1,2-Dichlorobenzene-d4	11.625	152	60504	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	7632	0.86	ug/L	91
13) Acetone	2.185	43	2918m	2.46	ug/L	
17) Methyl tert-butyl Ether	2.773	73	14652	0.85	ug/L	98
18) trans-1,2-Dichloroethene	2.767	96	2224	0.29	ug/L	93
19) 1,1-Dichloroethane	3.195	63	4780	0.34	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	373723	45.95	ug/L	97
34) Trichloroethene	5.915	95	49540	5.65	ug/L	98
42) Toluene	7.391	91	63133	1.93	ug/L	99
47) Tetrachloroethene	7.976	164	255963	36.08	ug/L	99
53) m,p-xylene	9.146	106	1491	0.11	ug/L	88
64) 1,3-Dichlorobenzene	11.188	146	4758	0.31	ug/L	86
65) 1,4-Dichlorobenzene	11.278	146	4362	0.28	ug/L	95
67) 1,2-Dichlorobenzene	11.648	146	4999	0.35	ug/L	94

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

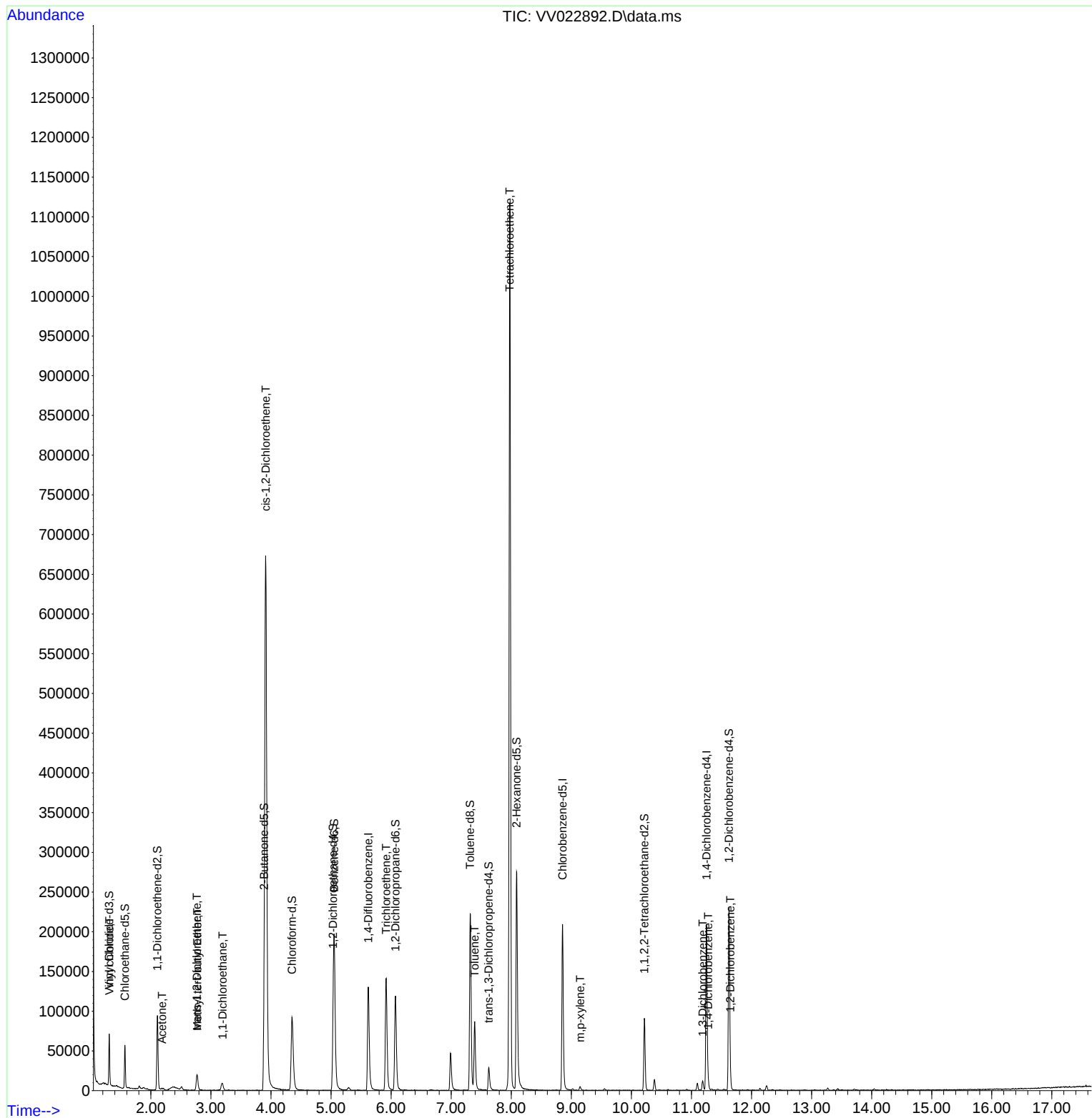
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Data File : VV022892.D
Acq On : 19 Oct 2021 01:53
Operator : SY/MD
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ALS Vial : 40 Sample Multiplier: 1

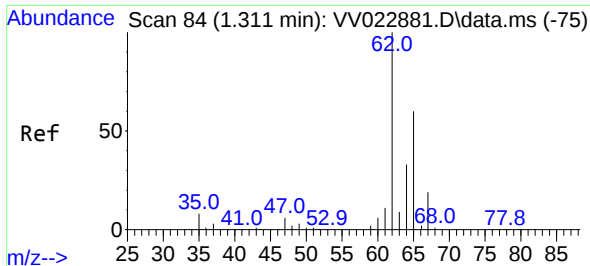
Instrument :
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ClientSampleId :
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Quant Time: Oct 19 04:09:06 2021
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Quant Title : TRACE VOA SFAM1.0
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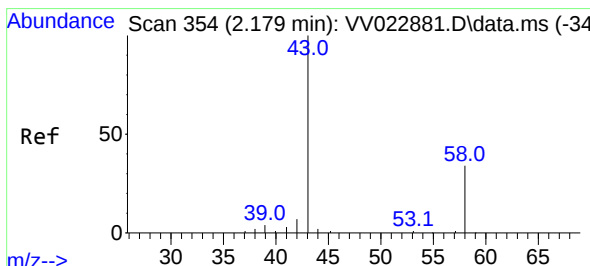
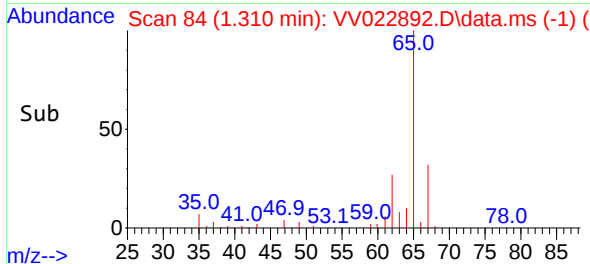
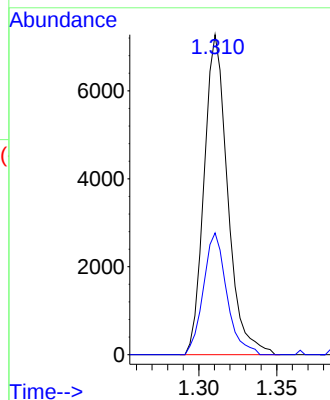
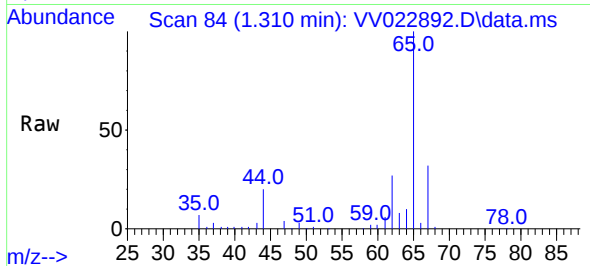
#5
 Vinyl chloride
 Concen: 0.86 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022892.D
 Acq: 19 Oct 2021 01:53

Tgt Ion: 62 Resp: 7632
 Ion Ratio Lower Upper
 62 100
 64 38.1 23.0 42.8

Instrument :
 MSVOA_V
 ClientSampleId :
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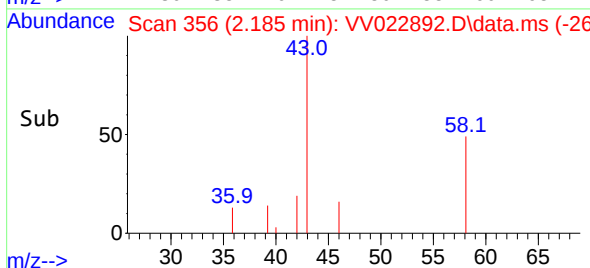
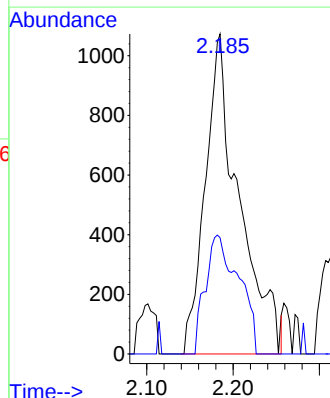
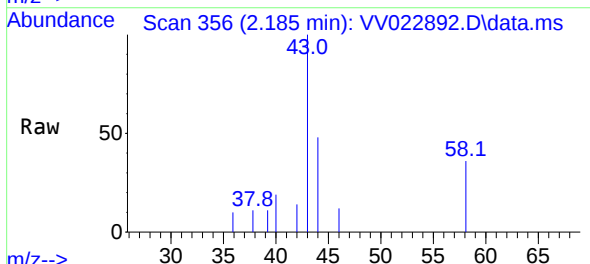
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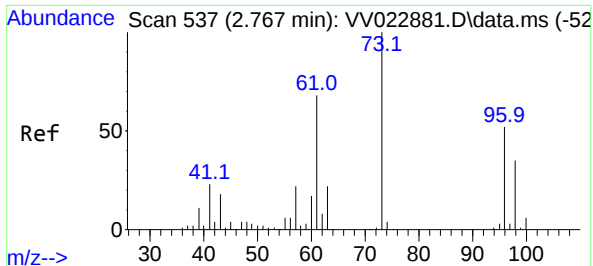
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#13
 Acetone
 Concen: 2.46 ug/L m
 RT: 2.185 min Scan# 356
 Delta R.T. 0.006 min
 Lab File: VV022892.D
 Acq: 19 Oct 2021 01:53

Tgt Ion: 43 Resp: 2918
 Ion Ratio Lower Upper
 43 100
 58 2.6 0.0 24.2





#17

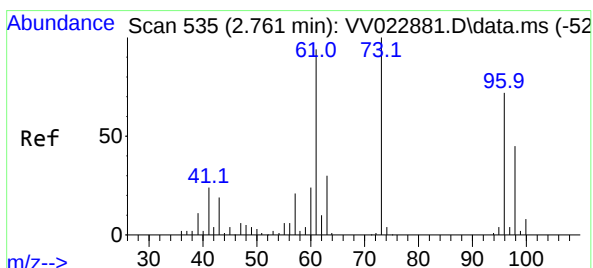
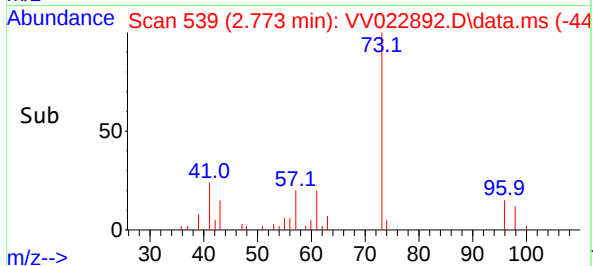
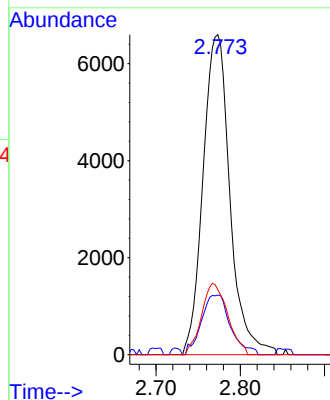
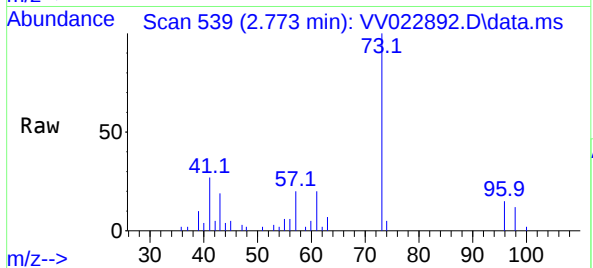
Methyl tert-butyl Ether
Concen: 0.85 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53

Tgt Ion: 73 Resp: 14652
Ion Ratio Lower Upper
73 100
43 20.1 17.1 25.7
57 21.6 17.2 25.8

Instrument :
MSVOA_V
ClientSampled :
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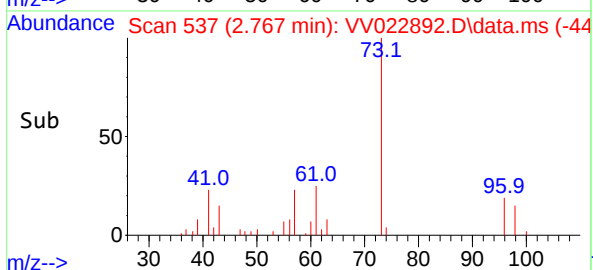
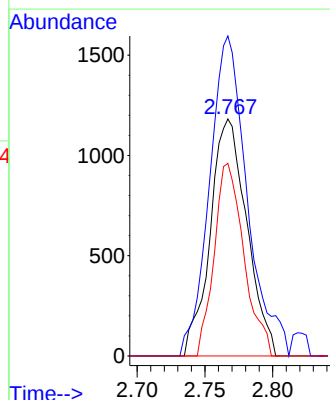
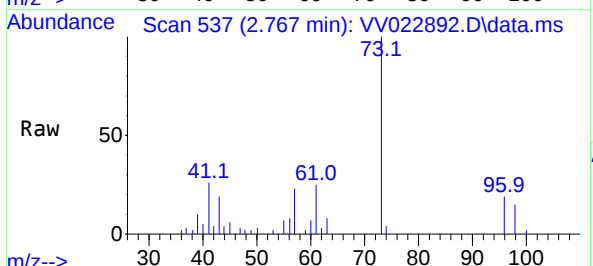
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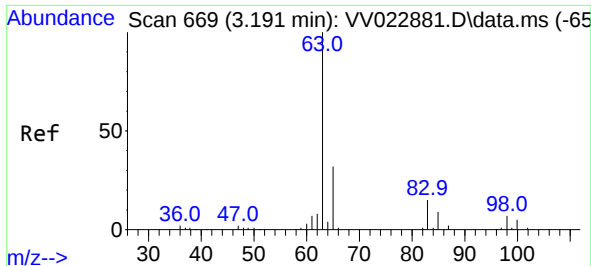


#18

trans-1,2-Dichloroethene
Concen: 0.29 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.006 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53

Tgt Ion: 96 Resp: 2224
Ion Ratio Lower Upper
96 100
61 135.0 94.5 175.5
98 81.3 44.2 82.0





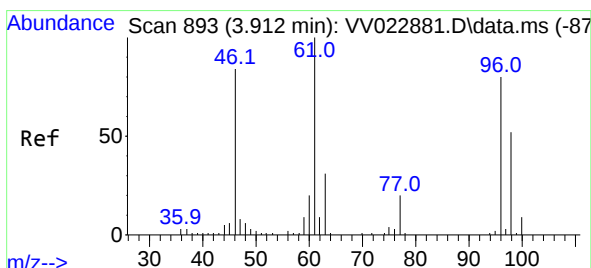
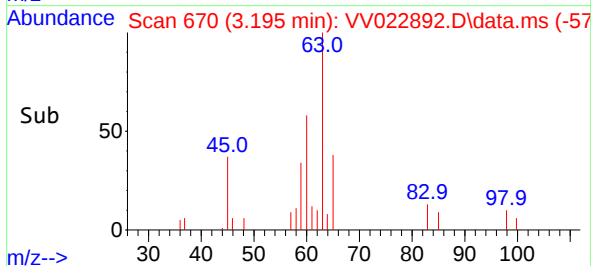
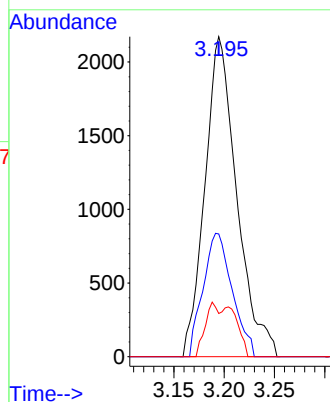
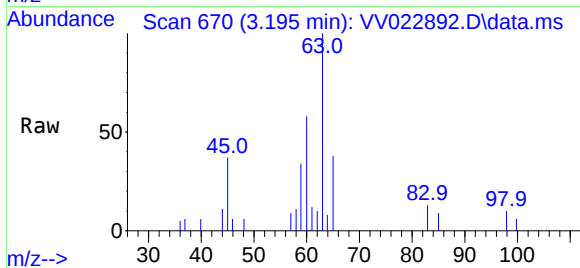
#19
1,1-Dichloroethane
Concen: 0.34 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53

Tgt Ion:	63	Resp:	4780
Ion	Ratio	Lower	Upper
63	100		
65	38.4	23.5	43.7
83	13.5	10.1	18.7

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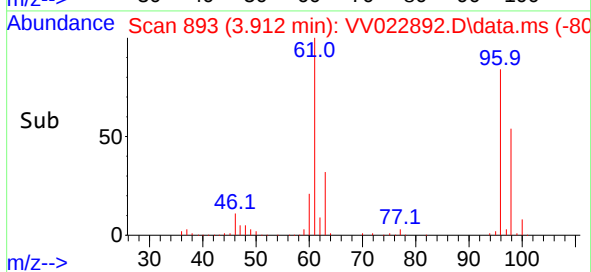
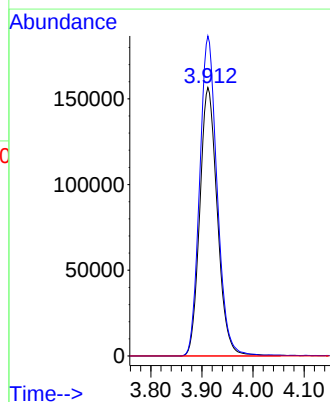
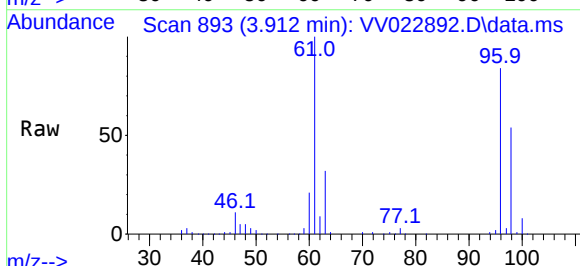
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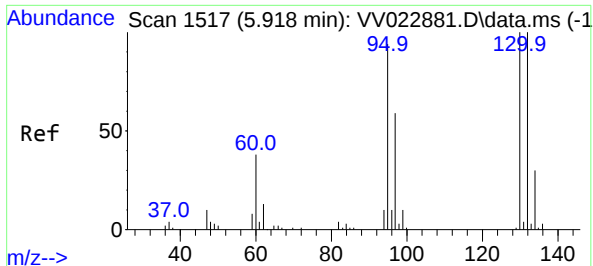
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#22
cis-1,2-Dichloroethene
Concen: 45.95 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53

Tgt Ion:	96	Resp:	373723
Ion	Ratio	Lower	Upper
96	100		
61	119.2	86.0	159.6
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 5.65 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53

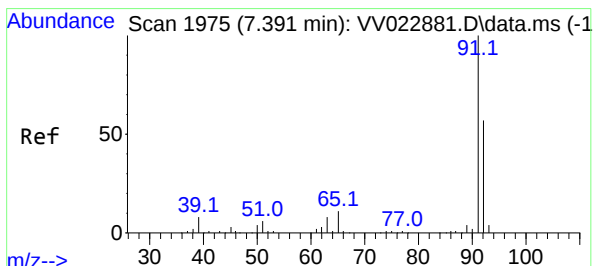
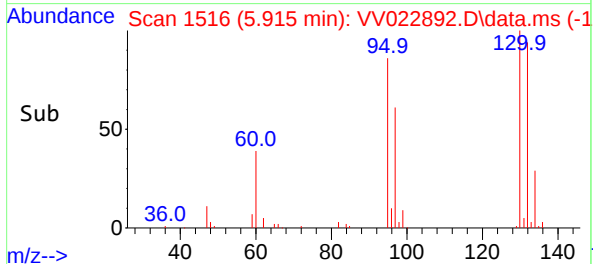
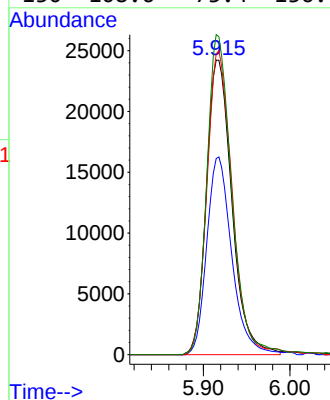
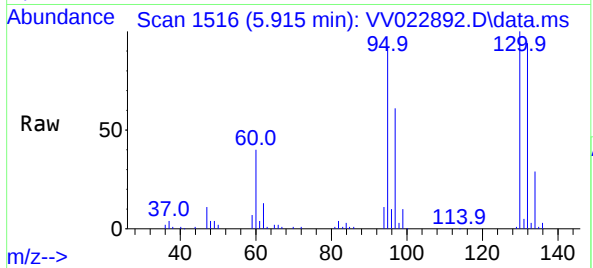
Tgt Ion: 95 Resp: 49540

Ion	Ratio	Lower	Upper
95	100		
97	66.6	45.8	85.2
132	102.1	72.2	134.0
130	108.6	73.4	136.4

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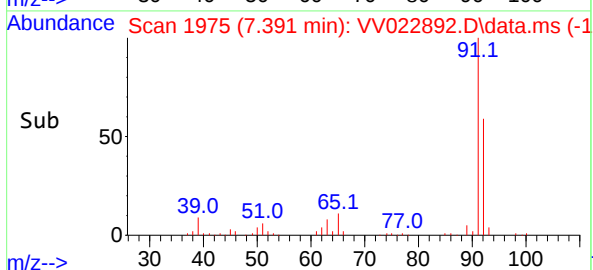
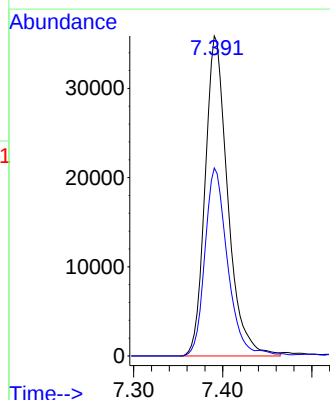
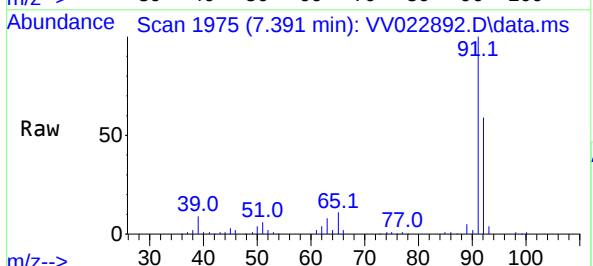
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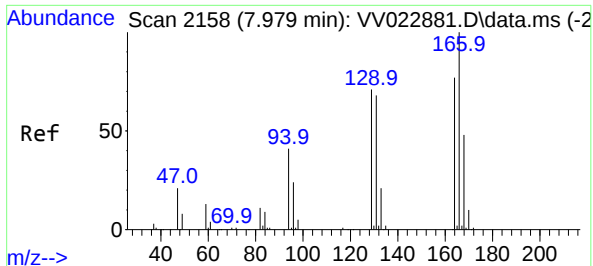


#42
Toluene
Concen: 1.93 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. -0.000 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53

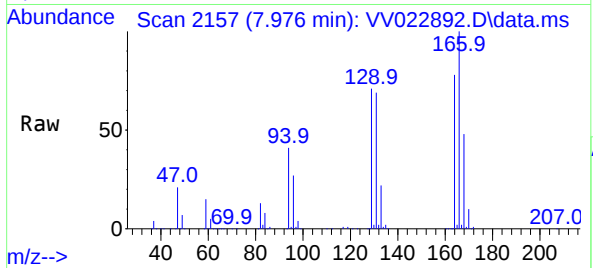
Tgt Ion: 91 Resp: 63133

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.7	75.7



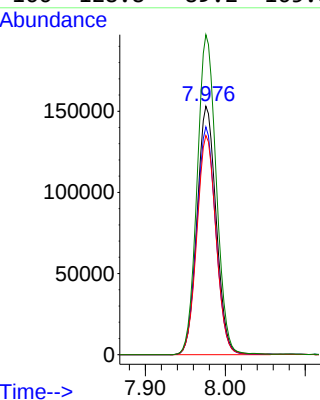


#47
Tetrachloroethene
Concen: 36.08 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53



Tgt Ion:164 Resp: 255963

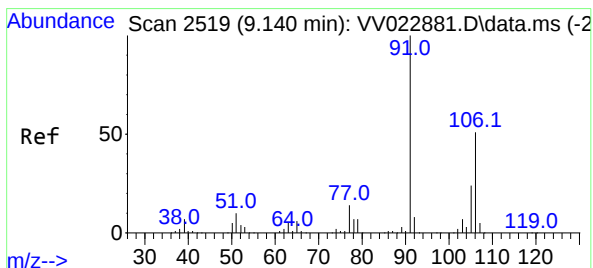
Ion	Ratio	Lower	Upper
164	100		
129	91.6	65.0	120.6
131	88.2	62.2	115.4
166	128.8	89.2	165.8



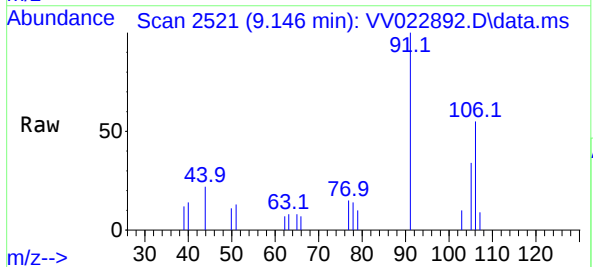
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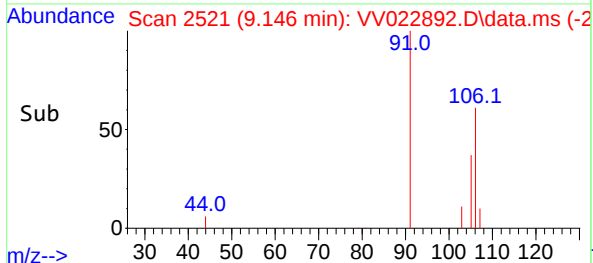
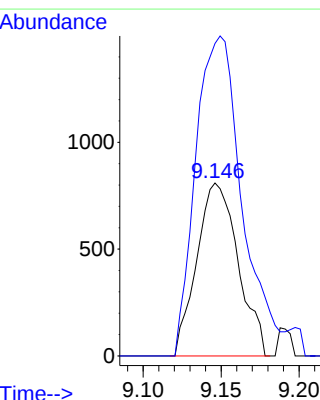


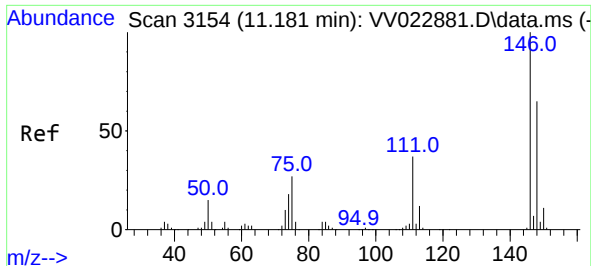
#53
m,p-xylene
Concen: 0.11 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53



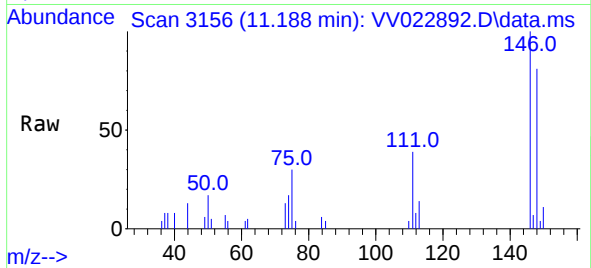
Tgt Ion:106 Resp: 1491

Ion	Ratio	Lower	Upper
106	100		
91	180.6	138.7	257.5





#64
1,3-Dichlorobenzene
Concen: 0.31 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53

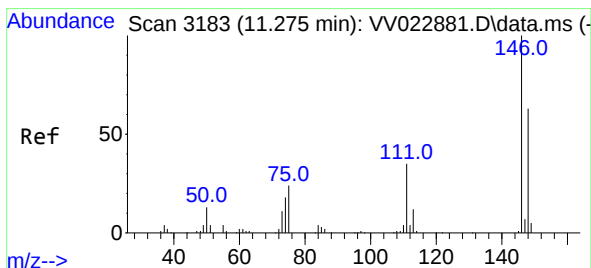
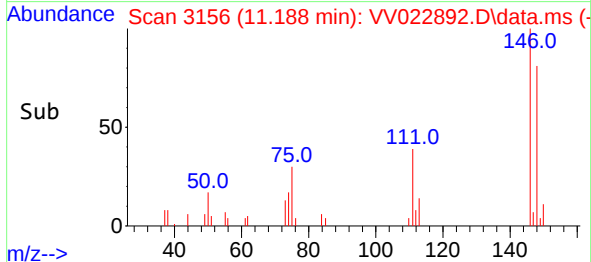
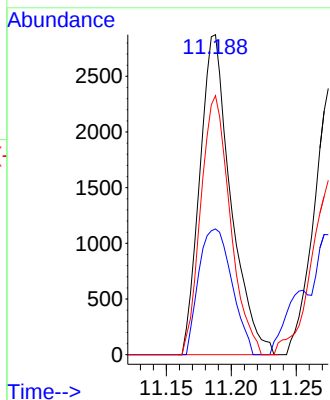


Tgt Ion:146 Resp: 4758
Ion Ratio Lower Upper
146 100
111 39.3 26.7 49.5
148 80.9 45.1 83.9

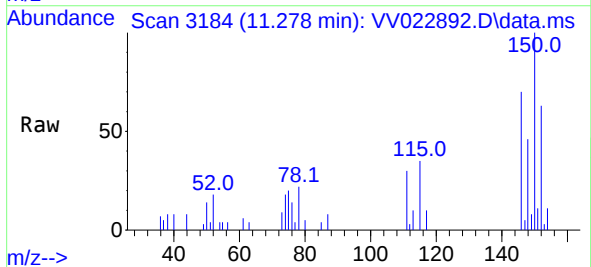
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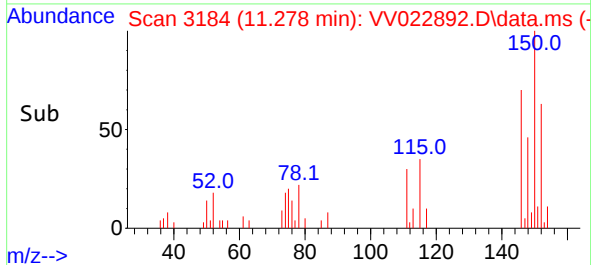
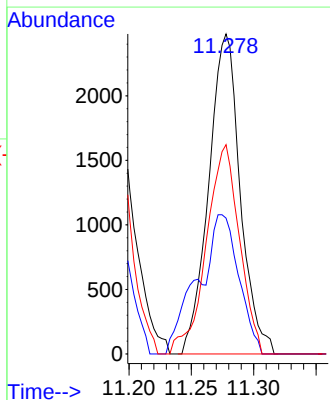
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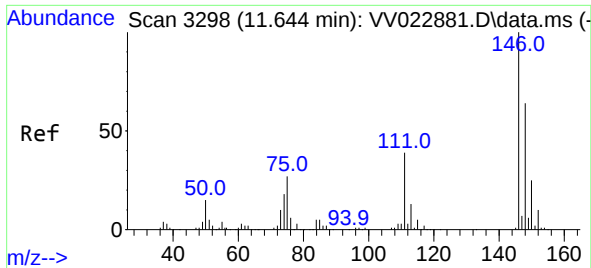


#65
1,4-Dichlorobenzene
Concen: 0.28 ug/L
RT: 11.278 min Scan# 3184
Delta R.T. 0.003 min
Lab File: VV022892.D
Acq: 19 Oct 2021 01:53

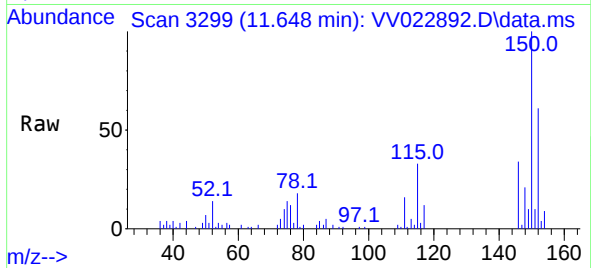


Tgt Ion:146 Resp: 4362
Ion Ratio Lower Upper
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148 65.4 44.9 83.5

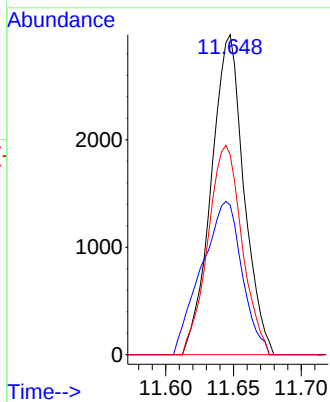
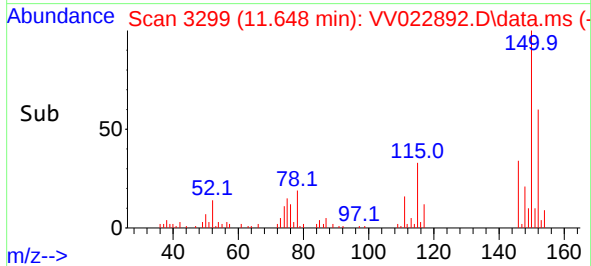




#67
 1,2-Dichlorobenzene
 Concen: 0.35 ug/L
 RT: 11.648 min Scan# 3299
 Delta R.T. 0.003 min
 Lab File: VV022892.D
 Acq: 19 Oct 2021 01:53



Tgt Ion:	146	Resp:	4999
Ion	Ratio	Lower	Upper
146	100		
111	46.8	32.3	48.5
148	62.4	52.1	78.1



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