

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
 Data File : VV022942.D
 Acq On : 20 Oct 2021 19:17
 Operator : SY/MD
 Sample : M4137-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGC9

Manual Integrations
 APPROVED

MMDadoda
 10/22/2021 11:29:19 AM

Quant Time: Oct 21 02:49:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 21 02:43:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	118871	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	120714	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56498	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31162	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.568	69	28418	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.108	63	41031	2.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.20%#
20) 2-Butanone-d5	3.892	46	104618	48.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.58%
24) Chloroform-d	4.352	84	91291	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.037	65	42477	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.053	84	174550	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.072	67	56341	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.320	98	144902	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloroprop...	7.628	79	15916	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.091	63	75665	53.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.36%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40386	5.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	58578	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%
Target Compounds						Qvalue
13) Acetone	2.178	43	19555	16.35	ug/L #	52
17) Methyl tert-butyl Ether	2.773	73	2762	0.16	ug/L #	92
22) cis-1,2-Dichloroethene	3.915	96	42407	5.17	ug/L	96
34) Trichloroethene	5.924	95	767m	0.09	ug/L	
42) Toluene	7.397	91	10933	0.33	ug/L	99
47) Tetrachloroethene	7.979	164	1464	0.20	ug/L	94
53) m,p-xylene	9.146	106	1076	0.08	ug/L	90
64) 1,3-Dichlorobenzene	11.191	146	1397	0.09	ug/L	94
65) 1,4-Dichlorobenzene	11.275	146	1743	0.11	ug/L	89
67) 1,2-Dichlorobenzene	11.641	146	1741	0.12	ug/L #	82

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

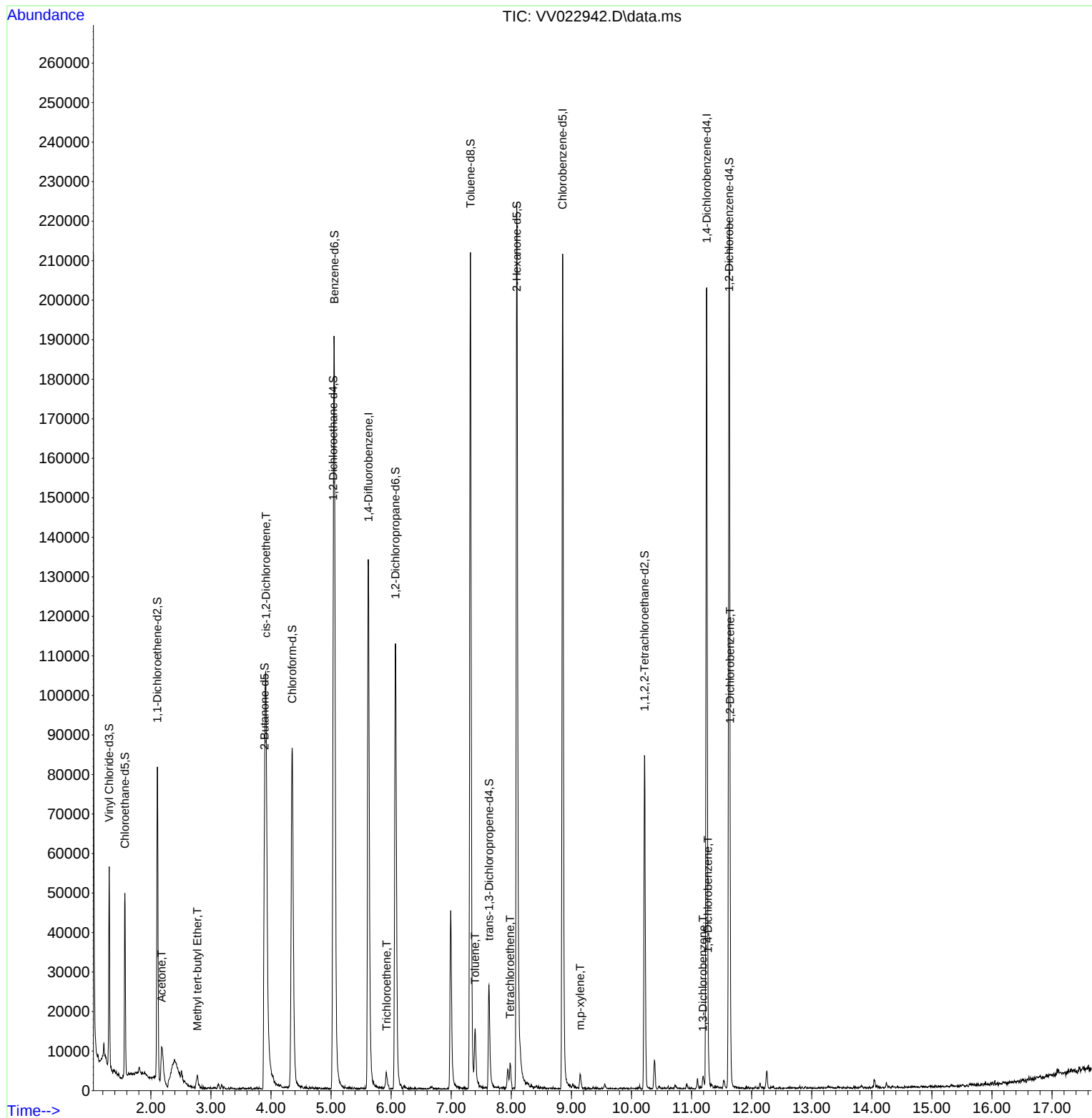
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102021\
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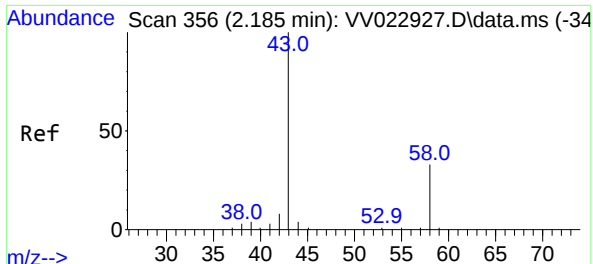
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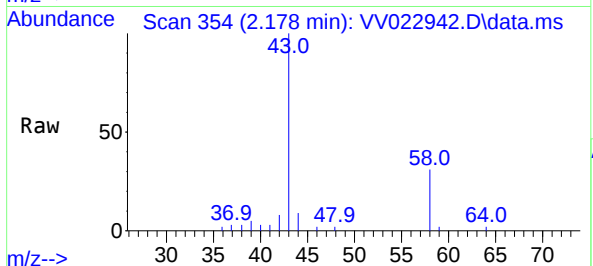
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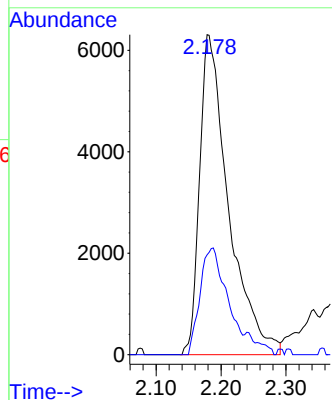




#13
Acetone
Concen: 16.35 ug/L
RT: 2.178 min Scan# 354
Delta R.T. -0.007 min
Lab File: VV022942.D
Acq: 20 Oct 2021 19:17



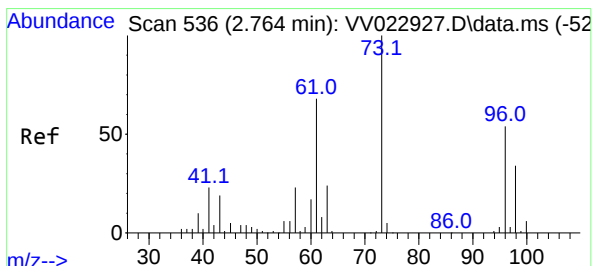
Tgt Ion: 43 Resp: 19555
Ion Ratio Lower Upper
43 100
58 30.7 0.0 24.2#



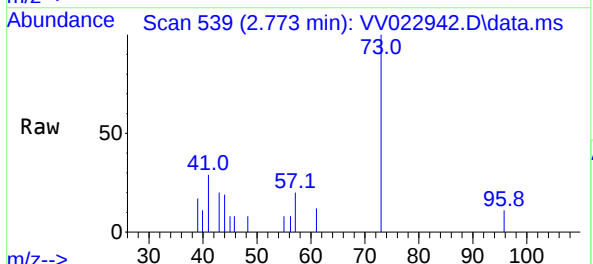
Instrument :
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ClientSampleId :
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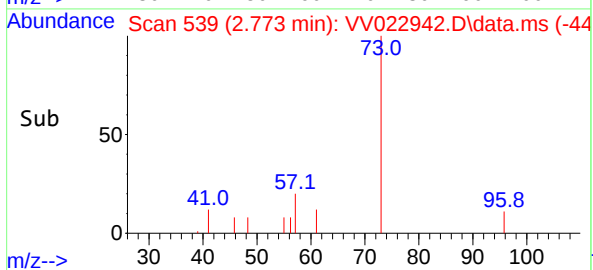
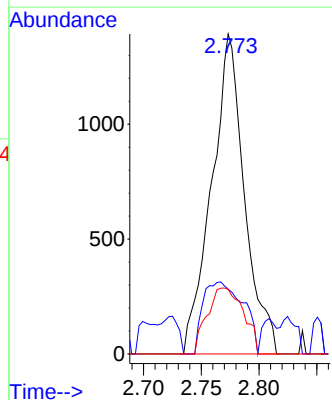
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10/22/2021 11:29:19 AM

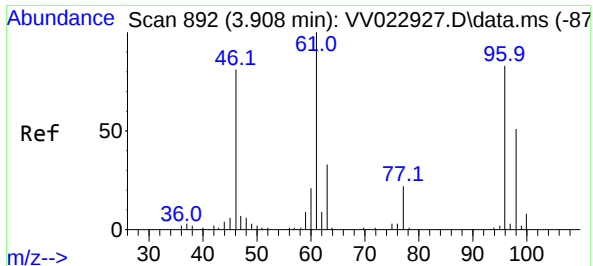


#17
Methyl tert-butyl Ether
Concen: 0.16 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.010 min
Lab File: VV022942.D
Acq: 20 Oct 2021 19:17

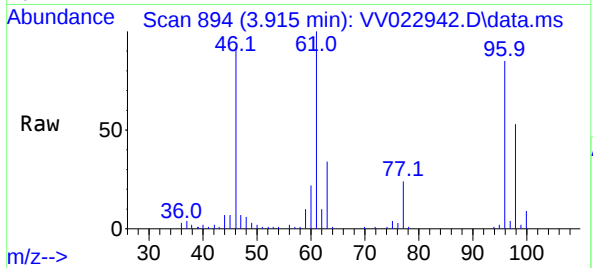


Tgt Ion: 73 Resp: 2762
Ion Ratio Lower Upper
73 100
43 27.4 17.1 25.7#
57 22.6 17.2 25.8

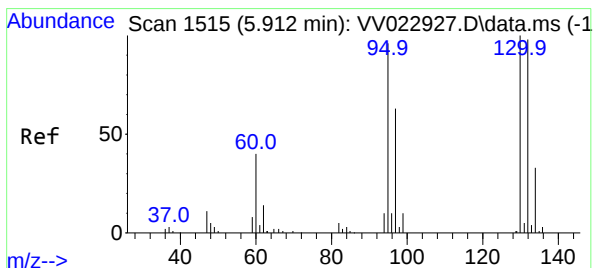
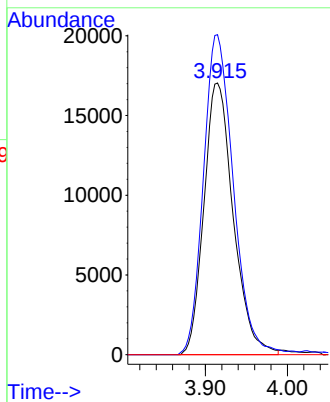
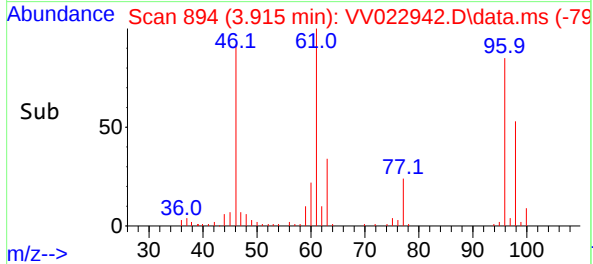




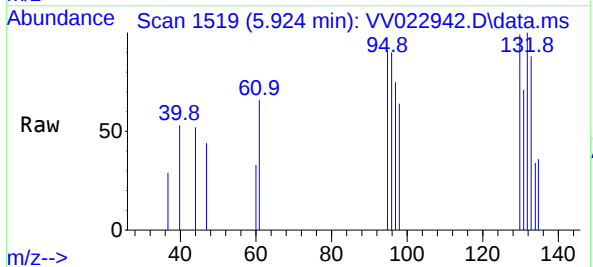
#22
cis-1,2-Dichloroethene
Concen: 5.17 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV022942.D
Acq: 20 Oct 2021 19:17



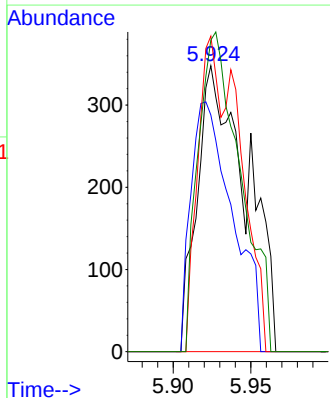
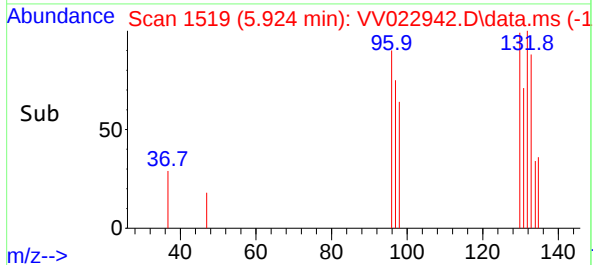
Tgt Ion: 96 Resp: 42407
Ion Ratio Lower Upper
96 100
61 117.8 86.0 159.6
68 0.0 0.0 0.0



#34
Trichloroethene
Concen: 0.09 ug/L m
RT: 5.924 min Scan# 1519
Delta R.T. 0.013 min
Lab File: VV022942.D
Acq: 20 Oct 2021 19:17



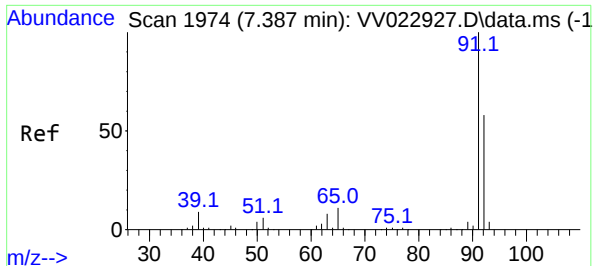
Tgt Ion: 95 Resp: 767
Ion Ratio Lower Upper
95 100
97 82.8 45.8 85.2
132 110.3 72.2 134.0
130 108.9 73.4 136.4



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#42

Toluene

Concen: 0.33 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.010 min

Lab File: VV022942.D

Acq: 20 Oct 2021 19:17

Tgt Ion: 91 Resp: 10933

Ion Ratio Lower Upper

91 100

92 58.8 40.7 75.7

Instrument :

MSVOA_V

ClientSampled :

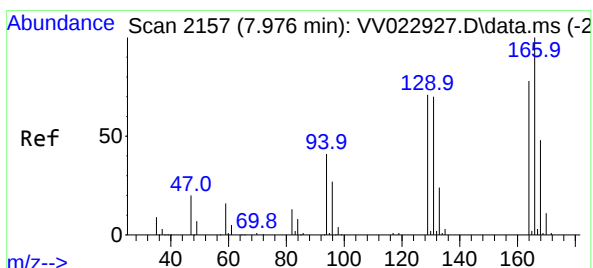
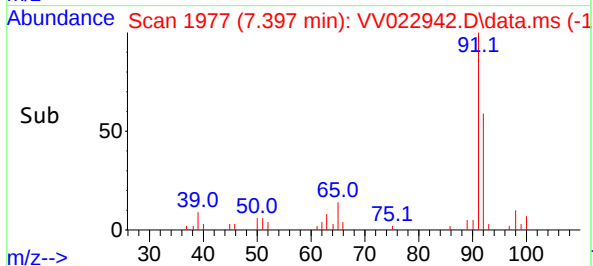
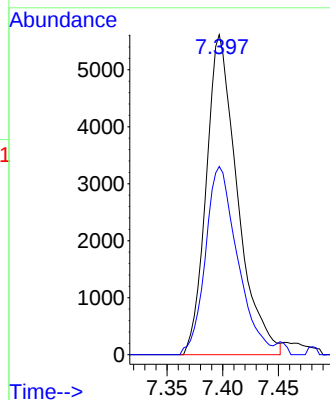
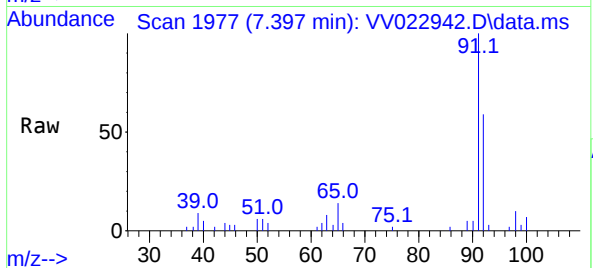
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#47

Tetrachloroethene

Concen: 0.20 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV022942.D

Acq: 20 Oct 2021 19:17

Tgt Ion: 164 Resp: 1464

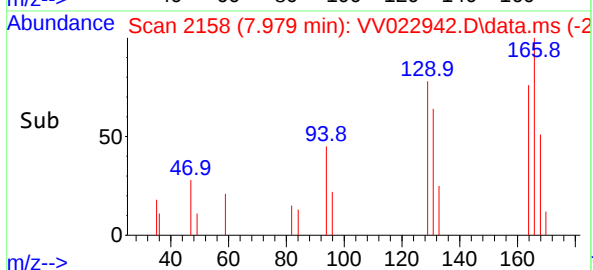
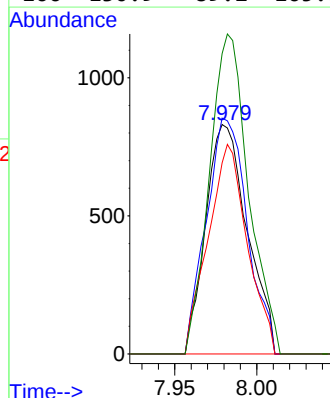
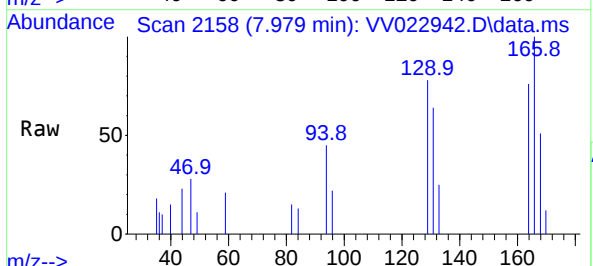
Ion Ratio Lower Upper

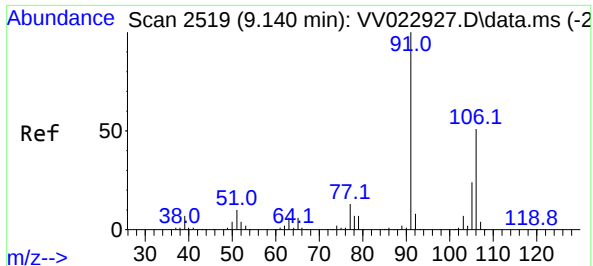
164 100

129 102.8 65.0 120.6

131 83.3 62.2 115.4

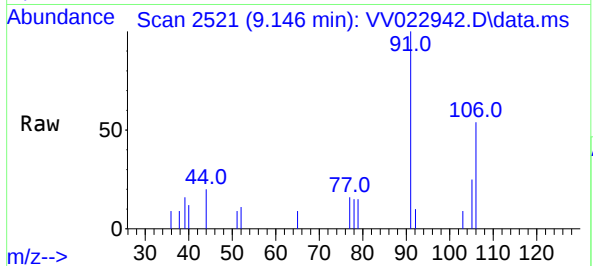
166 130.9 89.2 165.8





#53
m,p-xylene
Concen: 0.08 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.006 min
Lab File: VV022942.D
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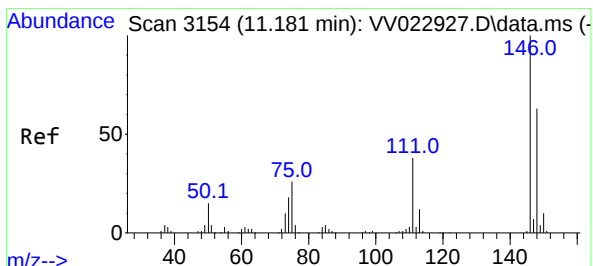
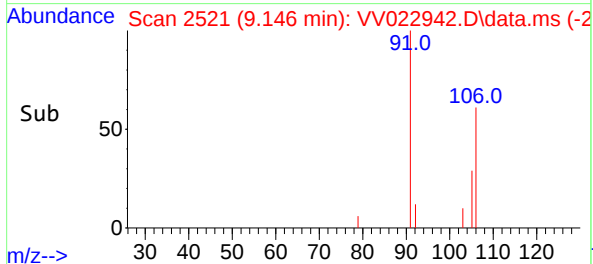
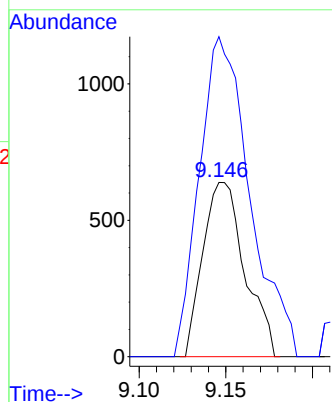
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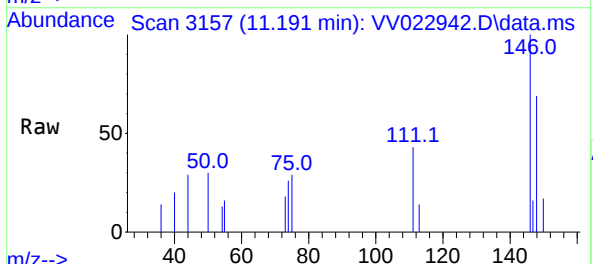
Tgt Ion:106 Resp: 1076
Ion Ratio Lower Upper
106 100
91 183.6 138.7 257.5

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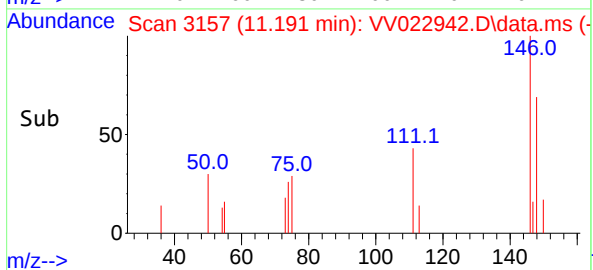
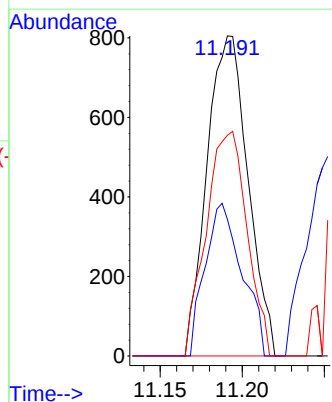
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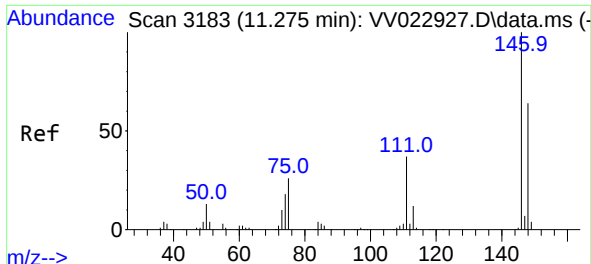


#64
1,3-Dichlorobenzene
Concen: 0.09 ug/L
RT: 11.191 min Scan# 3157
Delta R.T. 0.010 min
Lab File: VV022942.D
Acq: 20 Oct 2021 19:17

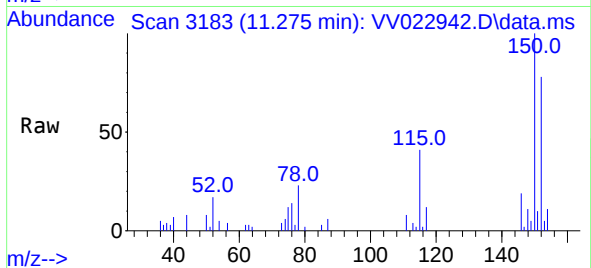


Tgt Ion:146 Resp: 1397
Ion Ratio Lower Upper
146 100
111 42.7 26.7 49.5
148 68.9 45.1 83.9

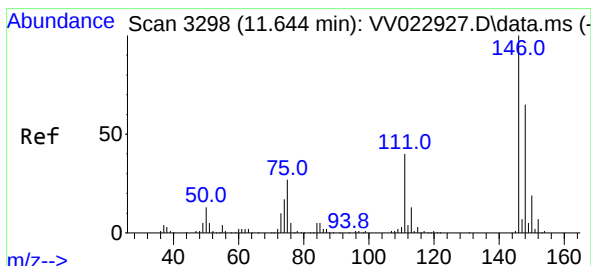
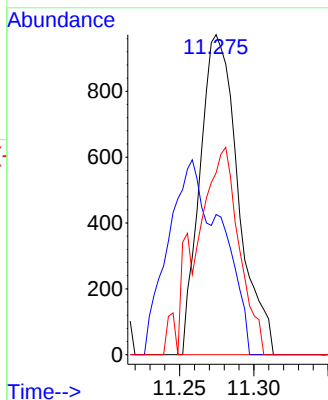
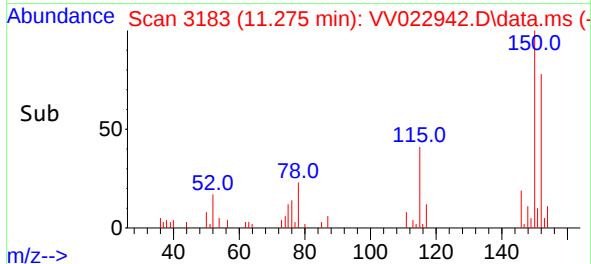




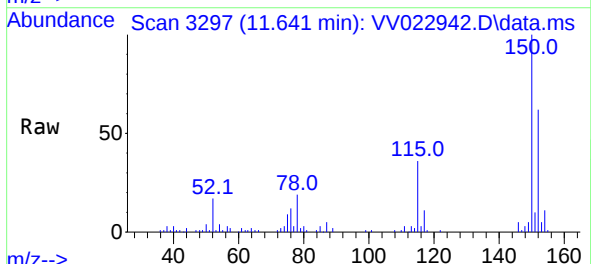
#65
1,4-Dichlorobenzene
Concen: 0.11 ug/L
RT: 11.275 min Scan# 3183
Delta R.T. -0.000 min
Lab File: VV022942.D
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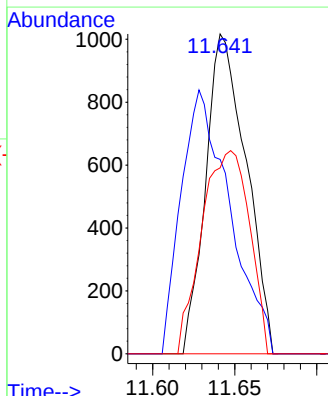
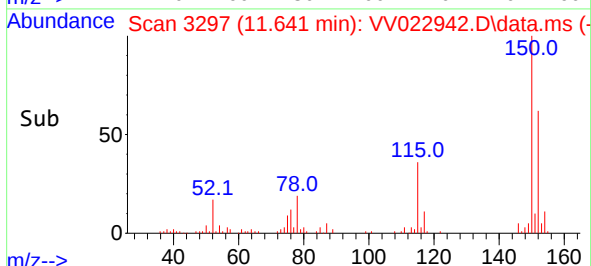
Tgt Ion:146 Resp: 1743
Ion Ratio Lower Upper
146 100
111 43.8 25.6 47.4
148 56.8 44.9 83.5



#67
1,2-Dichlorobenzene
Concen: 0.12 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.003 min
Lab File: VV022942.D
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Tgt Ion:146 Resp: 1741
Ion Ratio Lower Upper
146 100
111 60.8 32.3 48.5#
148 58.1 52.1 78.1



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