

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028325.D
 Acq On : 04 Oct 2022 13:27
 Operator : SY/MD
 Sample : N4730-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS7

Quant Time: Oct 04 23:24:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

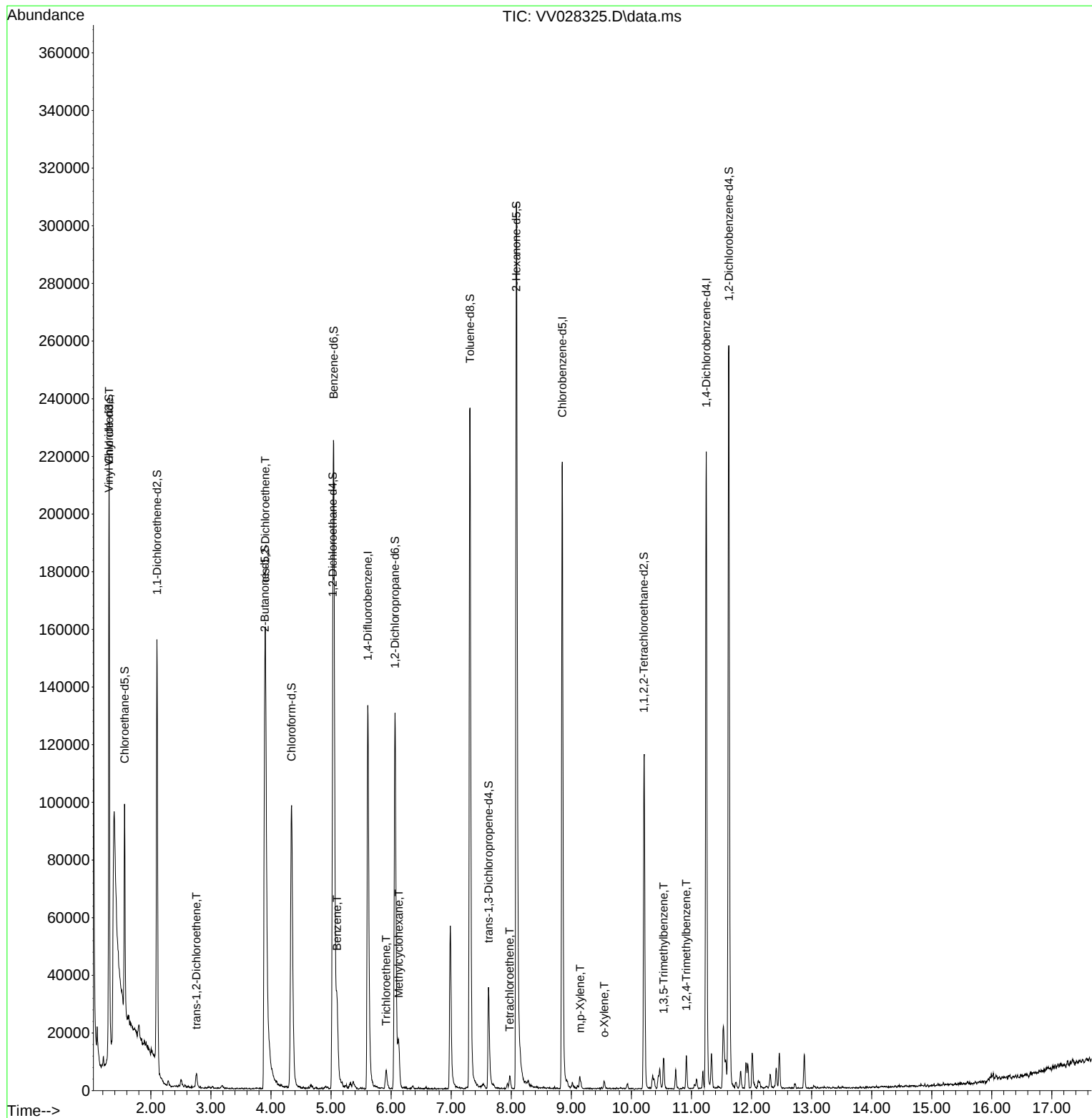
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	124199	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	130199	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	63465	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	49110	5.262	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 105.200%		
7) Chloroethane-d5	1.564	69	47356	5.994	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 119.800%		
11) 1,1-Dichloroethene-d2	2.101	63	72116	4.100	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 82.000%		
20) 2-Butanone-d5	3.896	46	131301	83.157	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 166.320%#		
24) Chloroform-d	4.342	84	106176	6.280	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 125.600%#		
26) 1,2-Dichloroethane-d4	5.027	65	57865	7.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 147.600%#		
32) Benzene-d6	5.043	84	207801	5.818	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 116.400%		
36) 1,2-Dichloropropane-d6	6.066	67	67810	6.618	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 132.400%		
41) Toluene-d8	7.313	98	170277	5.184	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
43) trans-1,3-Dichloroprop...	7.622	79	23004	5.895	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 118.000%		
46) 2-Hexanone-d5	8.085	63	117117	73.326	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 146.660%#		
56) 1,1,2,2-Tetrachloroeth...	10.210	84	57210	7.366	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 147.400%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	70628	6.466	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 129.400%#		
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	86614	8.125	ug/L	91
18) trans-1,2-Dichloroethene	2.757	96	2053	0.221	ug/L	92
22) cis-1,2-Dichloroethene	3.905	96	66793	7.148	ug/L	96
33) Benzene	5.098	78	32977	0.851	ug/L	100
34) Trichloroethene	5.918	95	2291	0.236	ug/L	92
35) Methylcyclohexane	6.127	83	5959	0.376	ug/L	92
47) Tetrachloroethene	7.976	164	1153	0.136	ug/L	84
53) m,p-Xylene	9.146	106	1541	0.090	ug/L	69
54) o-Xylene	9.551	106	1029	0.064	ug/L #	42
62) 1,3,5-Trimethylbenzene	10.535	105	6151	0.557	ug/L	93
63) 1,2,4-Trimethylbenzene	10.915	105	6248	0.200	ug/L	94

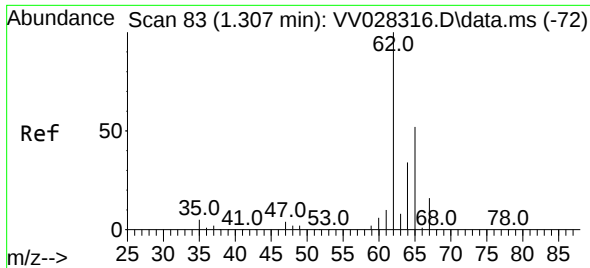
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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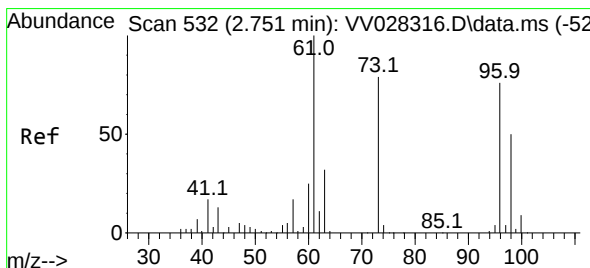
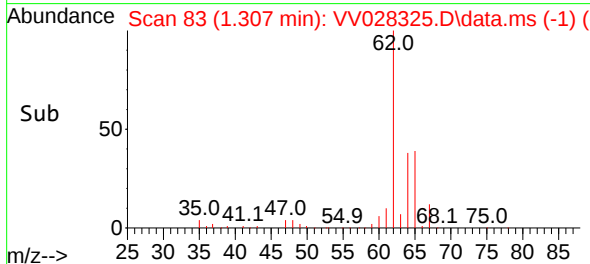
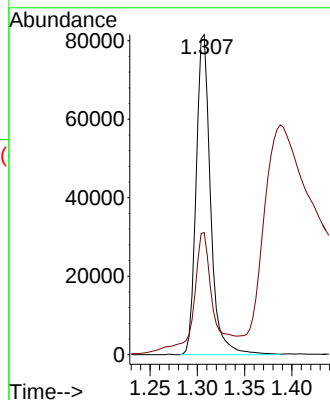
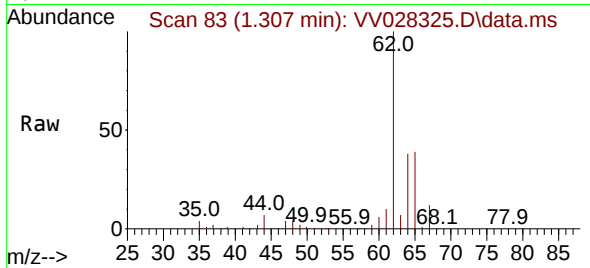




#5
 Vinyl chloride
 Concen: 8.125 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV028325.D
 Acq: 04 Oct 2022 13:27

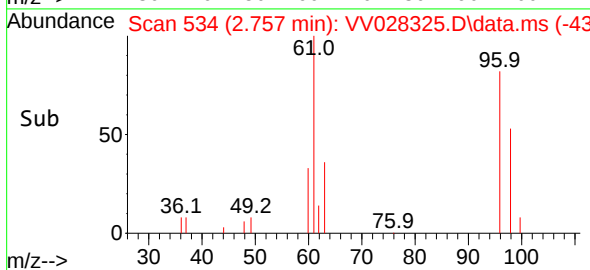
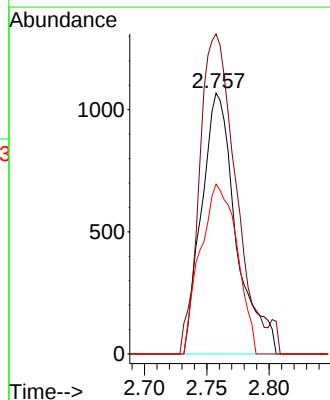
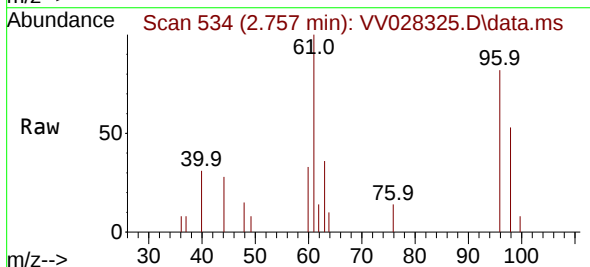
Instrument :
 MSVOA_V
 ClientSampleId :
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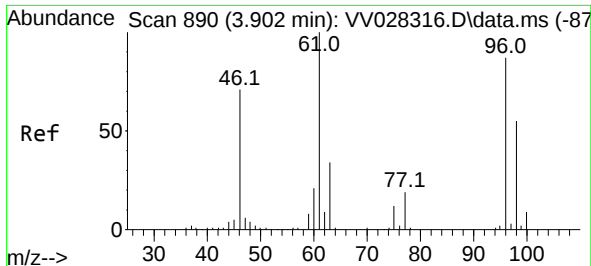
Tgt Ion: 62 Resp: 86614
 Ion Ratio Lower Upper
 62 100
 64 38.1 23.0 42.8



#18
 trans-1,2-Dichloroethene
 Concen: 0.221 ug/L
 RT: 2.757 min Scan# 534
 Delta R.T. 0.007 min
 Lab File: VV028325.D
 Acq: 04 Oct 2022 13:27

Tgt Ion: 96 Resp: 2053
 Ion Ratio Lower Upper
 96 100
 61 122.7 96.2 178.6
 98 65.1 45.7 84.9

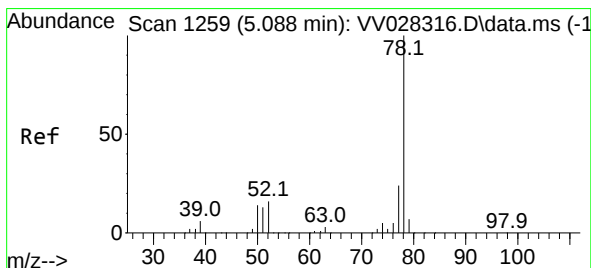
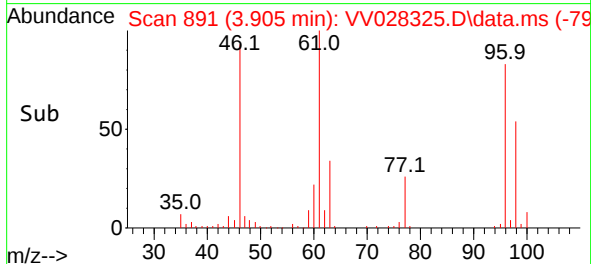
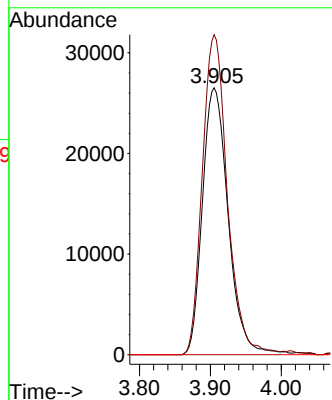
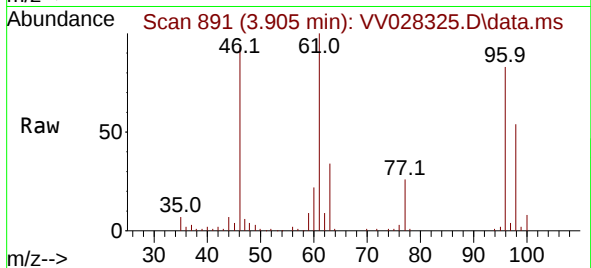




#22
 cis-1,2-Dichloroethene
 Concen: 7.148 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028325.D
 Acq: 04 Oct 2022 13:27

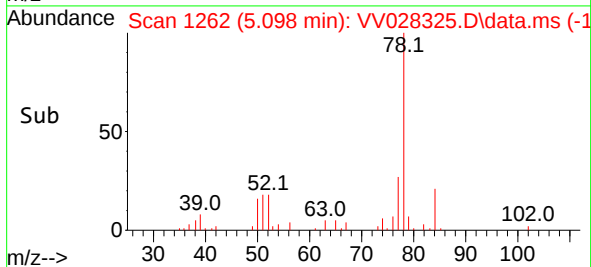
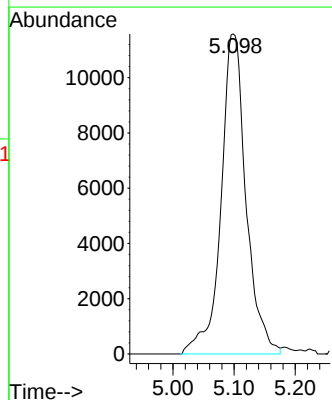
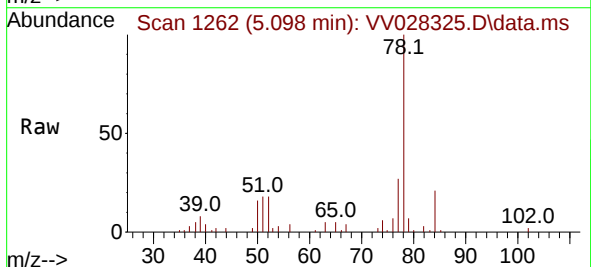
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS7

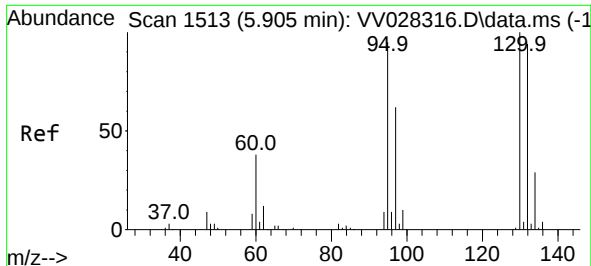
Tgt Ion: 96 Resp: 66793
 Ion Ratio Lower Upper
 96 100
 61 119.9 87.2 161.9
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 0.851 ug/L
 RT: 5.098 min Scan# 1262
 Delta R.T. 0.007 min
 Lab File: VV028325.D
 Acq: 04 Oct 2022 13:27

Tgt Ion: 78 Resp: 32977



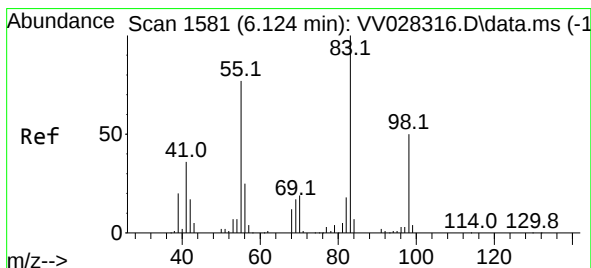
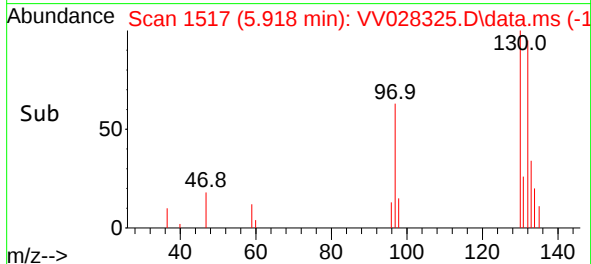
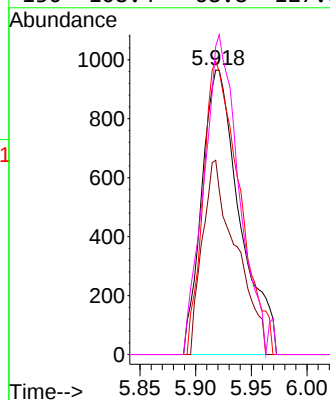
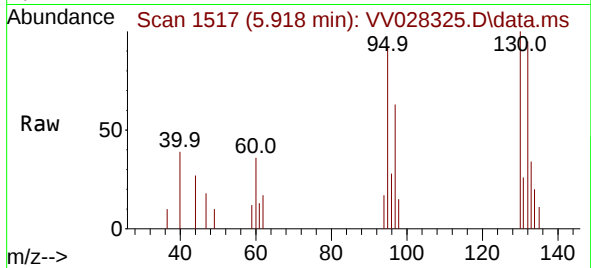


#34
Trichloroethene
Concen: 0.236 ug/L
RT: 5.918 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028325.D
Acq: 04 Oct 2022 13:27

Instrument :
MSVOA_V
ClientSampleId :
EXFS7

Tgt Ion: 95 Resp: 2291

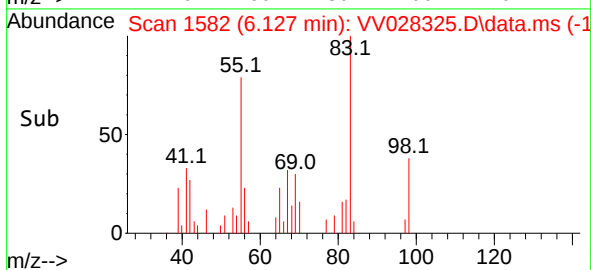
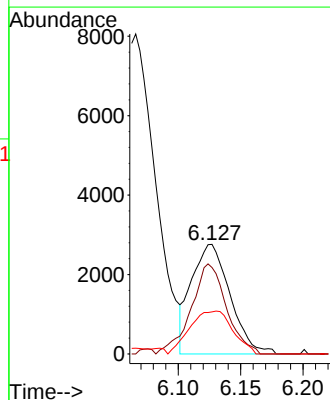
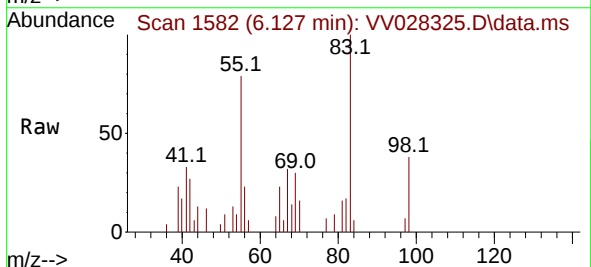
Ion	Ratio	Lower	Upper
95	100		
97	68.3	44.2	82.0
132	103.0	67.8	126.0
130	108.4	68.8	127.8

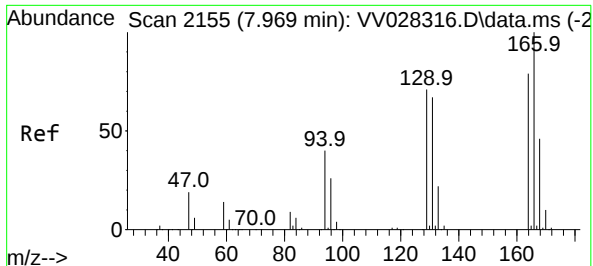


#35
Methylcyclohexane
Concen: 0.376 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. 0.003 min
Lab File: VV028325.D
Acq: 04 Oct 2022 13:27

Tgt Ion: 83 Resp: 5959

Ion	Ratio	Lower	Upper
83	100		
55	74.8	64.7	97.1
98	43.4	39.5	59.3





#47

Tetrachloroethene

Concen: 0.136 ug/L

RT: 7.976 min Scan# 2155

Delta R.T. 0.007 min

Lab File: VV028325.D

Acq: 04 Oct 2022 13:27

Instrument :

MSVOA_V

ClientSampleId :

EXFS7

Tgt Ion:164 Resp: 1153

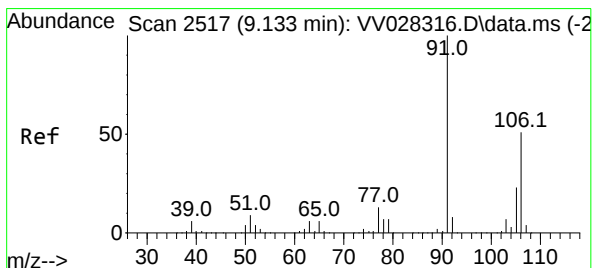
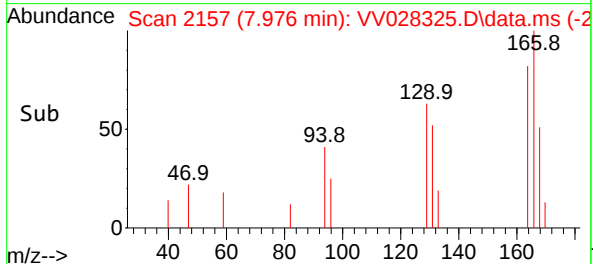
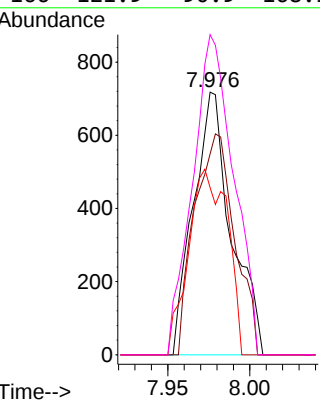
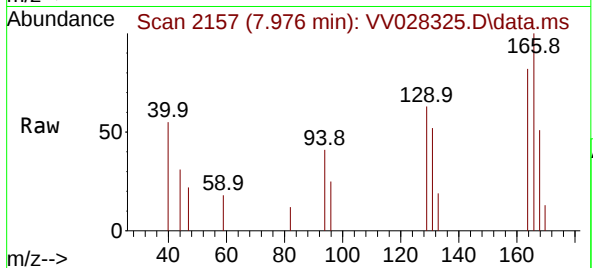
Ion Ratio Lower Upper

164 100

129 76.5 66.7 123.9

131 63.6 61.7 114.5

166 121.9 90.9 168.9



#53

m,p-Xylene

Concen: 0.090 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.013 min

Lab File: VV028325.D

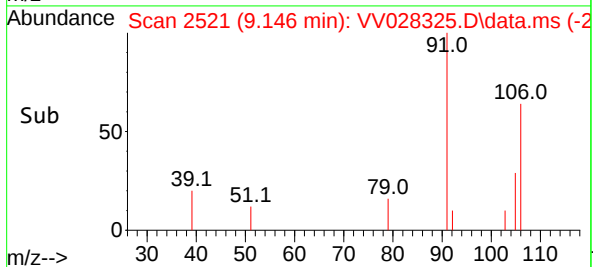
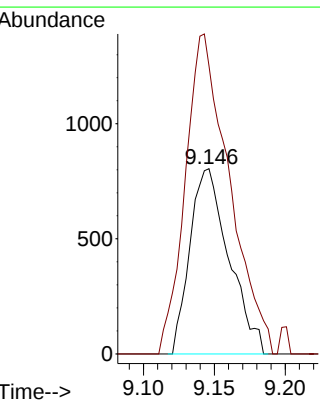
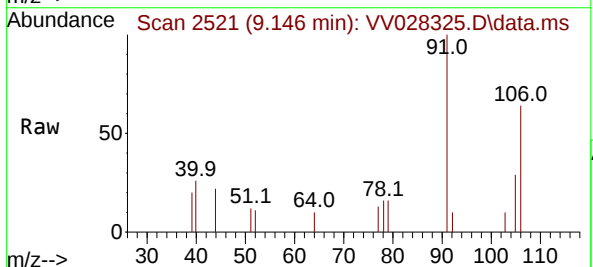
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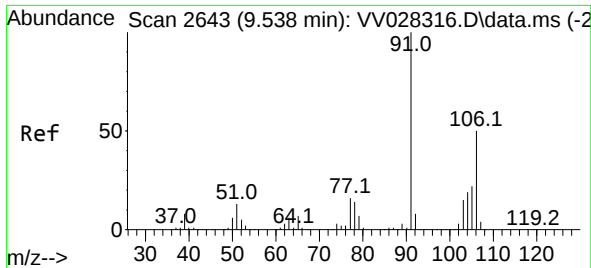
Tgt Ion:106 Resp: 1541

Ion Ratio Lower Upper

106 100

91 155.4 141.9 263.5

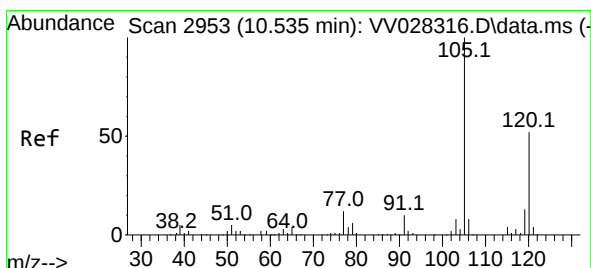
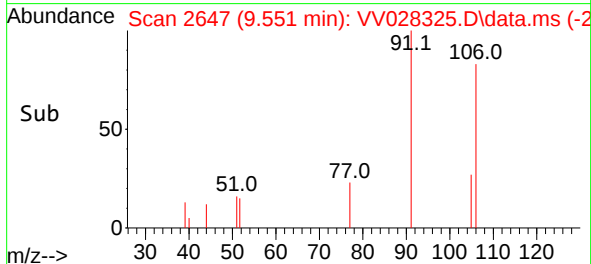
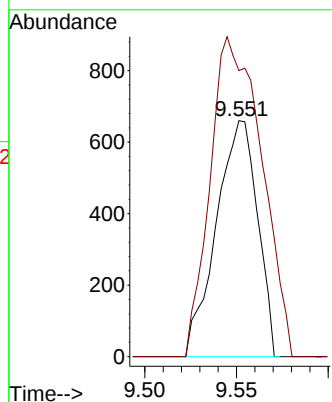
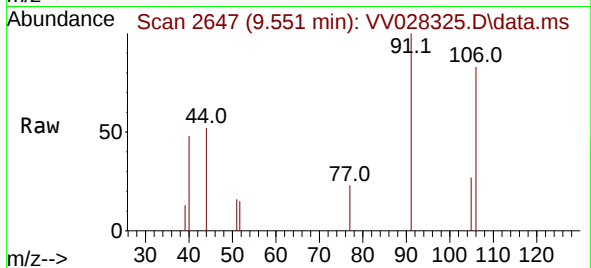




#54
o-Xylene
Concen: 0.064 ug/L
RT: 9.551 min Scan# 210
Delta R.T. 0.010 min
Lab File: VV028325.D
Acq: 04 Oct 2022 13:27

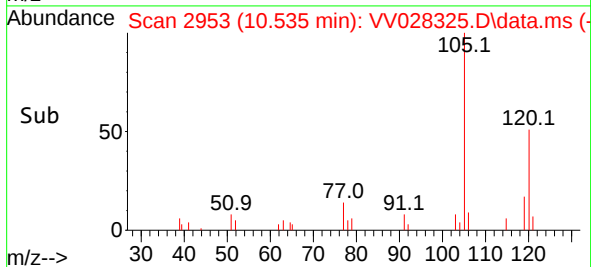
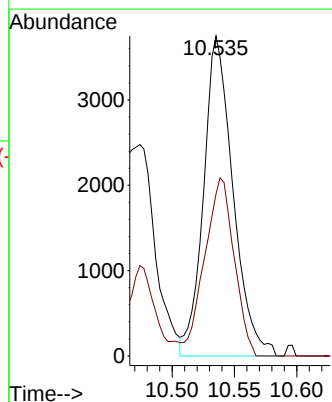
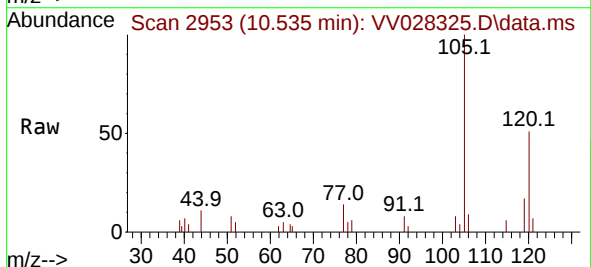
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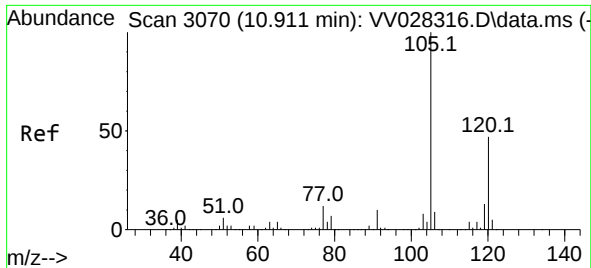
Tgt Ion:106 Resp: 1029
Ion Ratio Lower Upper
106 100
91 121.2 148.1 275.0#



#62
1,3,5-Trimethylbenzene
Concen: 0.557 ug/L
RT: 10.535 min Scan# 2953
Delta R.T. 0.000 min
Lab File: VV028325.D
Acq: 04 Oct 2022 13:27

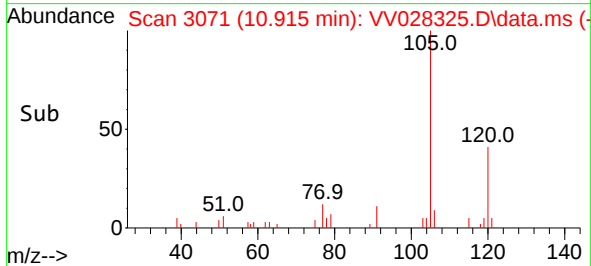
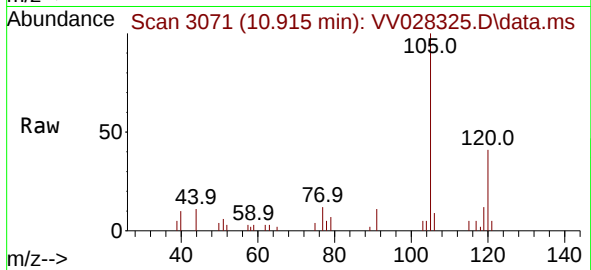
Tgt Ion:105 Resp: 6151
Ion Ratio Lower Upper
105 100
120 55.9 40.6 61.0





#63
 1,2,4-Trimethylbenzene
 Concen: 0.200 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV028325.D
 Acq: 04 Oct 2022 13:27

Instrument :
 MSVOA_V
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Tgt Ion:105 Resp: 6248
 Ion Ratio Lower Upper
 105 100
 120 43.0 37.8 56.8

