

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028221.D
 Acq On : 30 Sep 2022 12:52
 Operator : SY/MD
 Sample : N4730-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS7

Quant Time: Sep 30 22:56:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

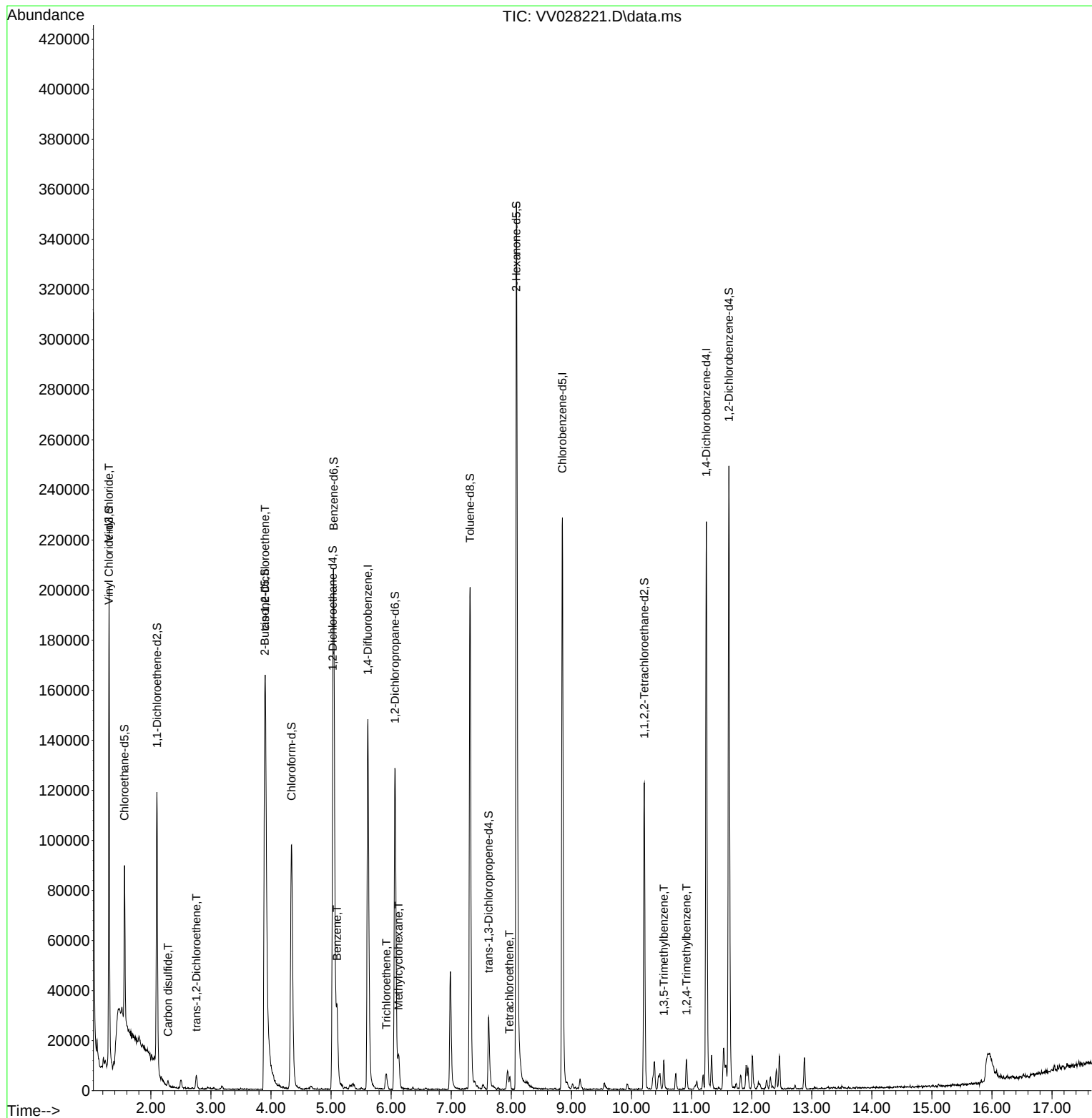
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	138023	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138110	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64278	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	39325	2.748	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	55.000%	
7) Chloroethane-d5	1.561	69	40994	3.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.000%	
11) 1,1-Dichloroethene-d2	2.101	63	55691	2.244	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	44.800%#	
20) 2-Butanone-d5	3.896	46	155615	64.417	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.840%	
24) Chloroform-d	4.343	84	106658	4.671	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.027	65	57516	5.294	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.800%	
32) Benzene-d6	5.043	84	188569	4.164	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.063	67	65885	4.667	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.313	98	144819	3.533	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	7.622	79	19197	3.764	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	75.200%	
46) 2-Hexanone-d5	8.085	63	134882	63.372	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	126.740%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59271	6.142	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	122.800%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	67103	5.322	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	106.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.304	62	87312	8.158	ug/L	99
14) Carbon disulfide	2.285	76	2228	0.122	ug/L	97
18) trans-1,2-Dichloroethene	2.757	96	1960	0.235	ug/L	86
22) cis-1,2-Dichloroethene	3.902	96	64635	5.899	ug/L	95
33) Benzene	5.098	78	31598	0.824	ug/L	100
34) Trichloroethene	5.918	95	2111	0.221	ug/L	94
35) Methylcyclohexane	6.124	83	5404	0.413	ug/L	88
47) Tetrachloroethene	7.969	164	1254	0.165	ug/L #	80
62) 1,3,5-Trimethylbenzene	10.538	105	6611	0.622	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	6873	0.231	ug/L	97

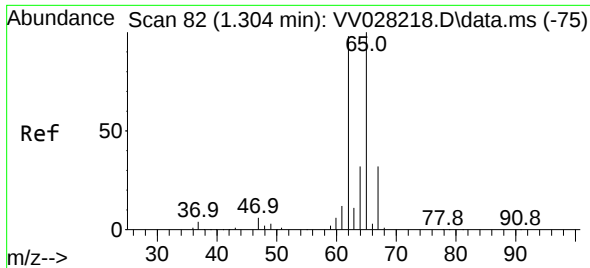
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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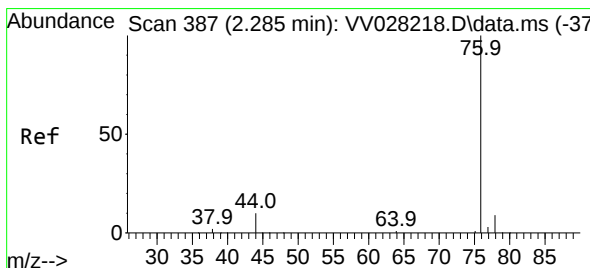
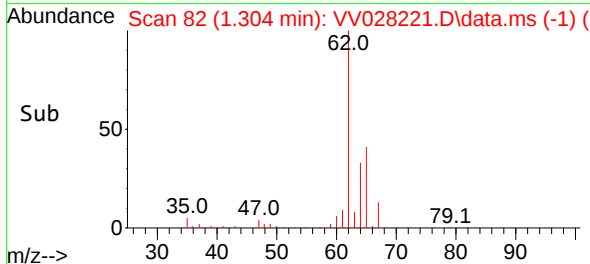
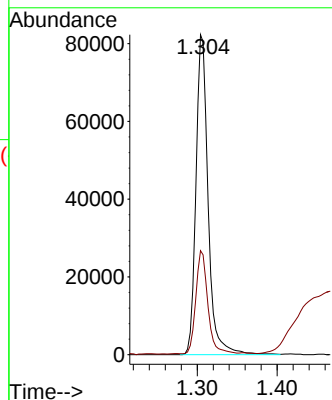
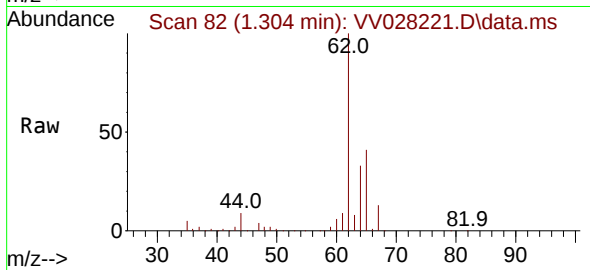




#5
 Vinyl chloride
 Concen: 8.158 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028221.D
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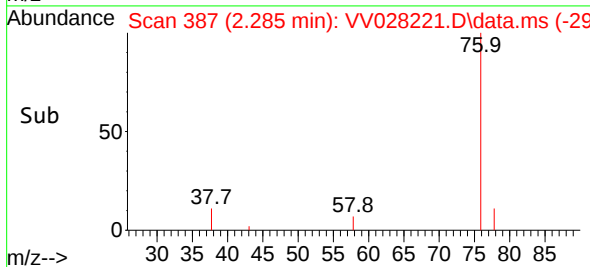
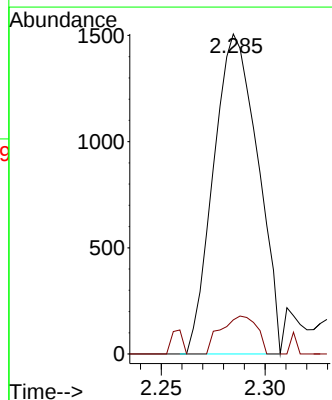
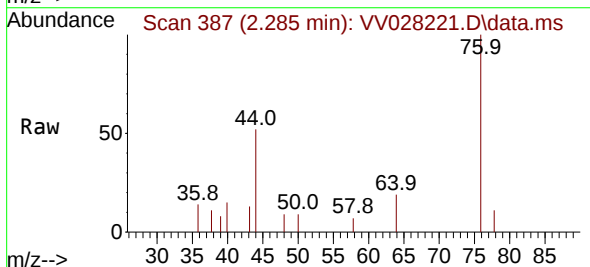
Instrument :
 MSVOA_V
 ClientSampleId :
 EXFS7

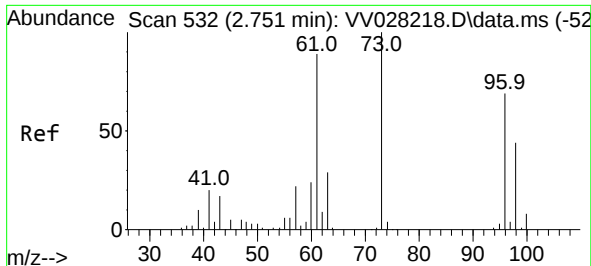
Tgt Ion: 62 Resp: 87312
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.8



#14
 Carbon disulfide
 Concen: 0.122 ug/L
 RT: 2.285 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VV028221.D
 Acq: 30 Sep 2022 12:52

Tgt Ion: 76 Resp: 2228
 Ion Ratio Lower Upper
 76 100
 78 10.7 7.6 11.4

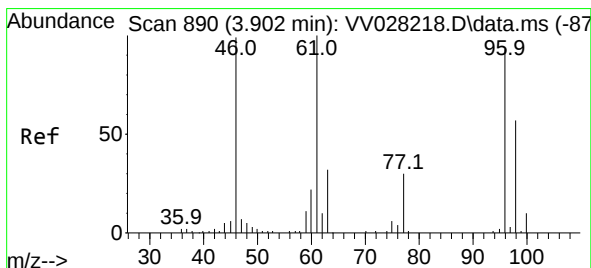
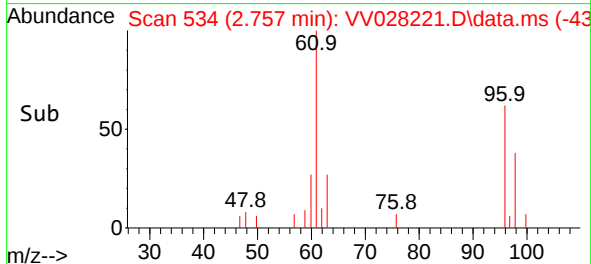
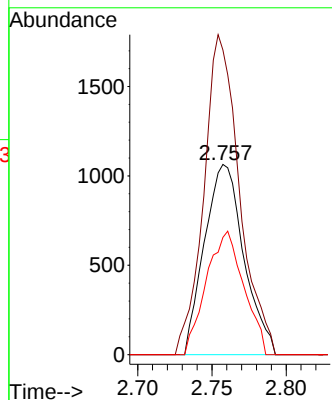
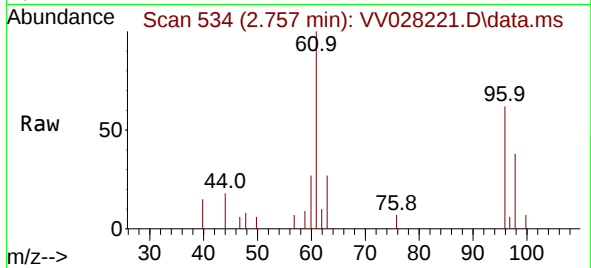




#18
trans-1,2-Dichloroethene
Concen: 0.235 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028221.D
Acq: 30 Sep 2022 12:52

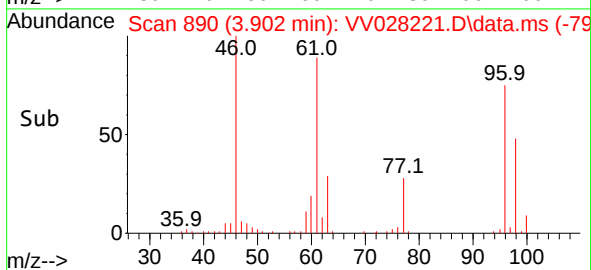
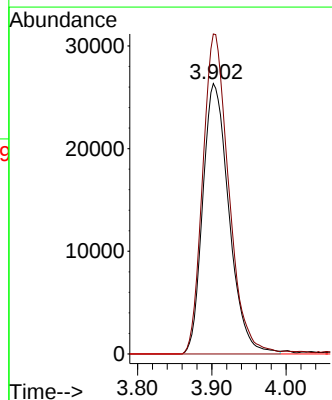
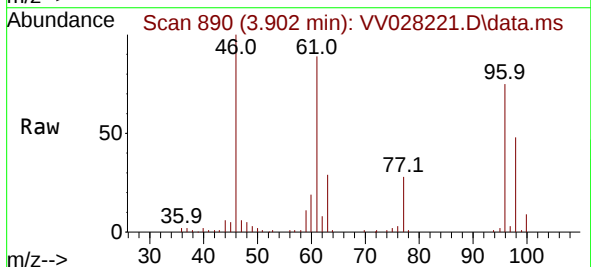
Instrument :
MSVOA_V
ClientSampleId :
EXFS7

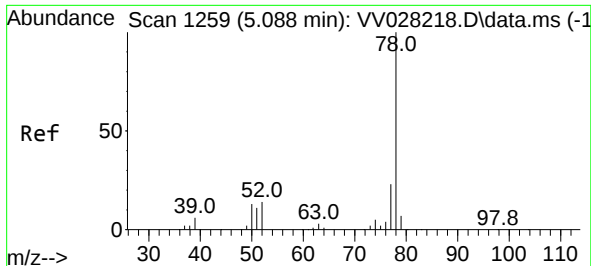
Tgt Ion: 96 Resp: 1960
Ion Ratio Lower Upper
96 100
61 160.2 96.2 178.6
98 61.7 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 5.899 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028221.D
Acq: 30 Sep 2022 12:52

Tgt Ion: 96 Resp: 64635
Ion Ratio Lower Upper
96 100
61 118.3 87.2 161.9
68 0.0 0.0 0.0

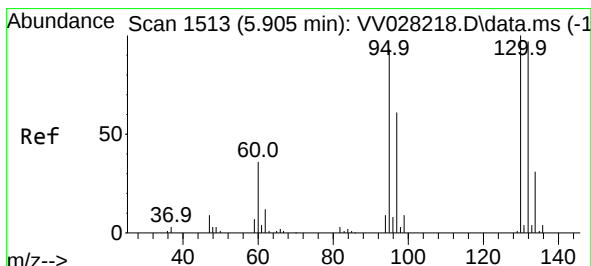
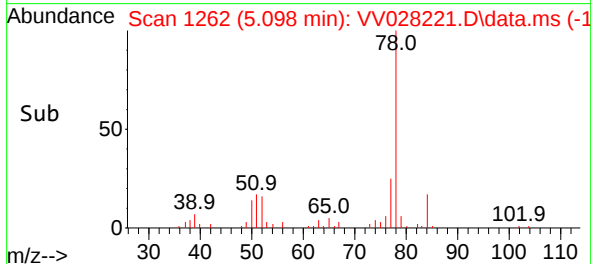
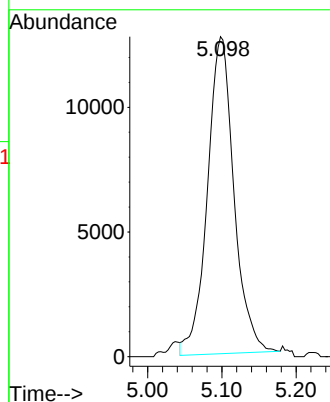
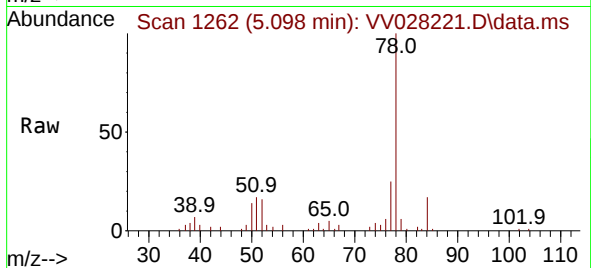




#33
Benzene
Concen: 0.824 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV028221.D
Acq: 30 Sep 2022 12:52

Instrument :
MSVOA_V
ClientSampleId :
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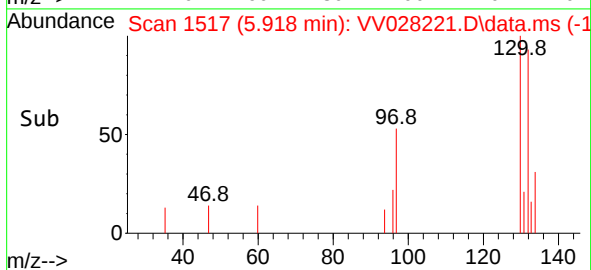
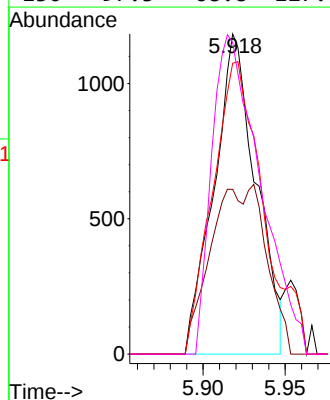
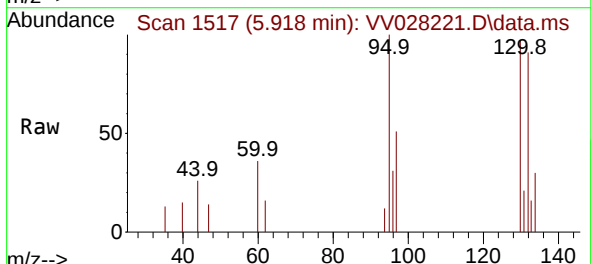
Tgt Ion: 78 Resp: 31598

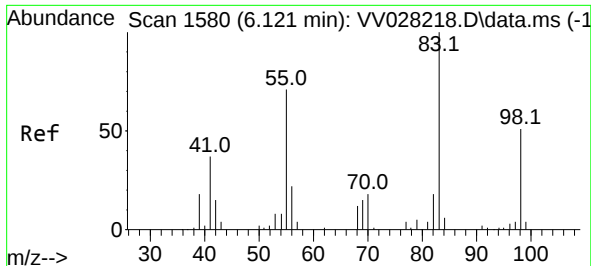


#34
Trichloroethene
Concen: 0.221 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV028221.D
Acq: 30 Sep 2022 12:52

Tgt Ion: 95 Resp: 2111

Ion	Ratio	Lower	Upper
95	100		
97	51.5	44.2	82.0
132	90.9	67.8	126.0
130	97.3	68.8	127.8





#35

Methylcyclohexane

Concen: 0.413 ug/L

RT: 6.124 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV028221.D

Acq: 30 Sep 2022 12:52

Instrument :

MSVOA_V

ClientSampleId :

EXFS7

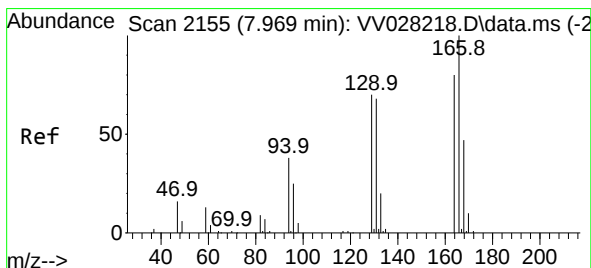
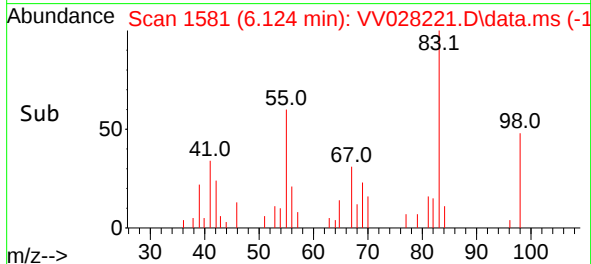
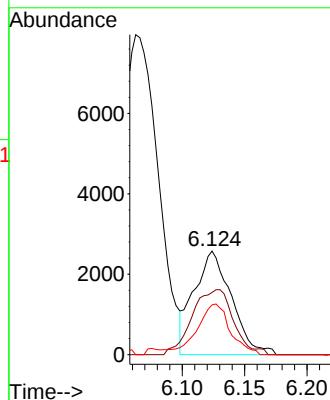
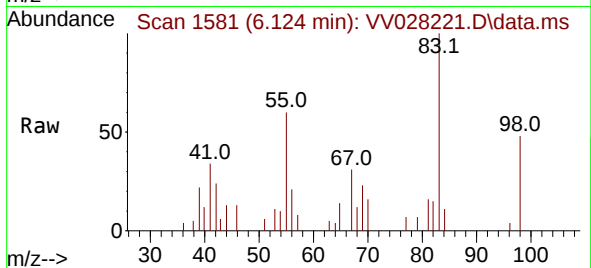
Tgt Ion: 83 Resp: 5404

Ion Ratio Lower Upper

83 100

55 68.9 64.7 97.1

98 43.4 39.5 59.3



#47

Tetrachloroethene

Concen: 0.165 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. 0.000 min

Lab File: VV028221.D

Acq: 30 Sep 2022 12:52

Tgt Ion: 164 Resp: 1254

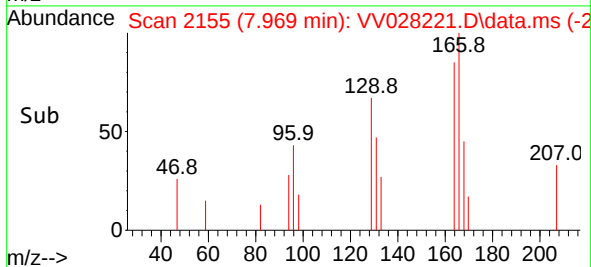
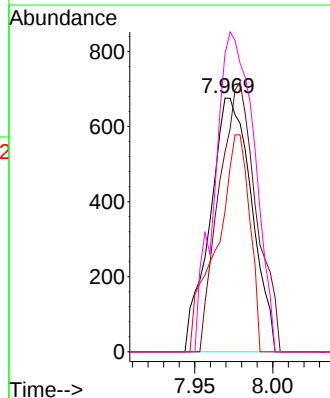
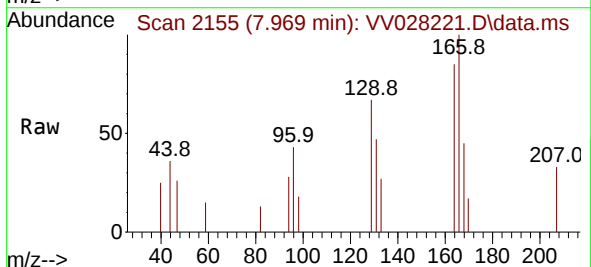
Ion Ratio Lower Upper

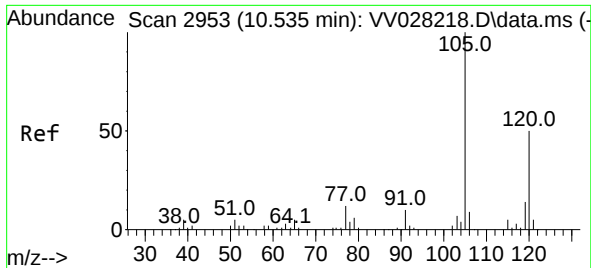
164 100

129 78.7 66.7 123.9

131 55.3 61.7 114.5#

166 117.5 90.9 168.9

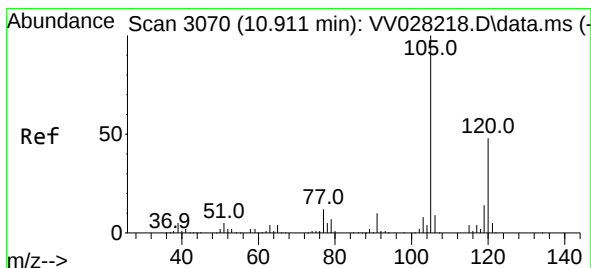
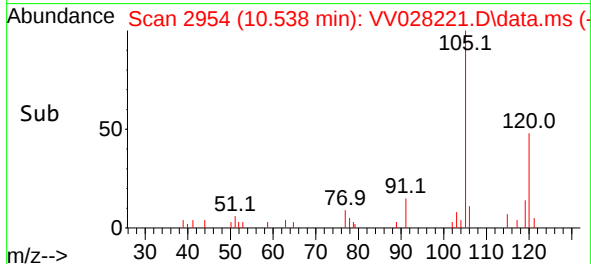
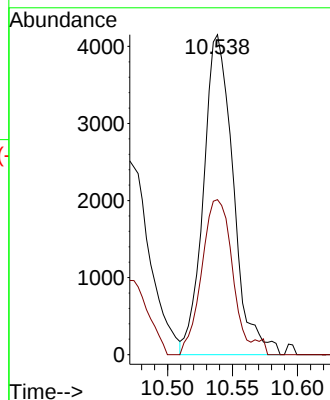
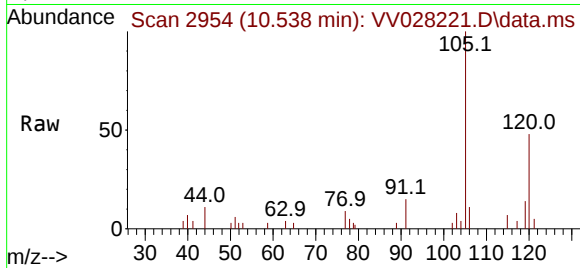




#62
 1,3,5-Trimethylbenzene
 Concen: 0.622 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV028221.D
 Acq: 30 Sep 2022 12:52

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 ClientSampleId :
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Tgt Ion:105 Resp: 6611
 Ion Ratio Lower Upper
 105 100
 120 49.4 40.6 61.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.231 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV028221.D
 Acq: 30 Sep 2022 12:52

Tgt Ion:105 Resp: 6873
 Ion Ratio Lower Upper
 105 100
 120 45.2 37.8 56.8

