

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027227.D
 Acq On : 05 Aug 2022 16:07
 Operator : SY/MD
 Sample : N4021-10
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 04:00:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 06 03:57:43 2022
 Response via : Initial Calibration

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

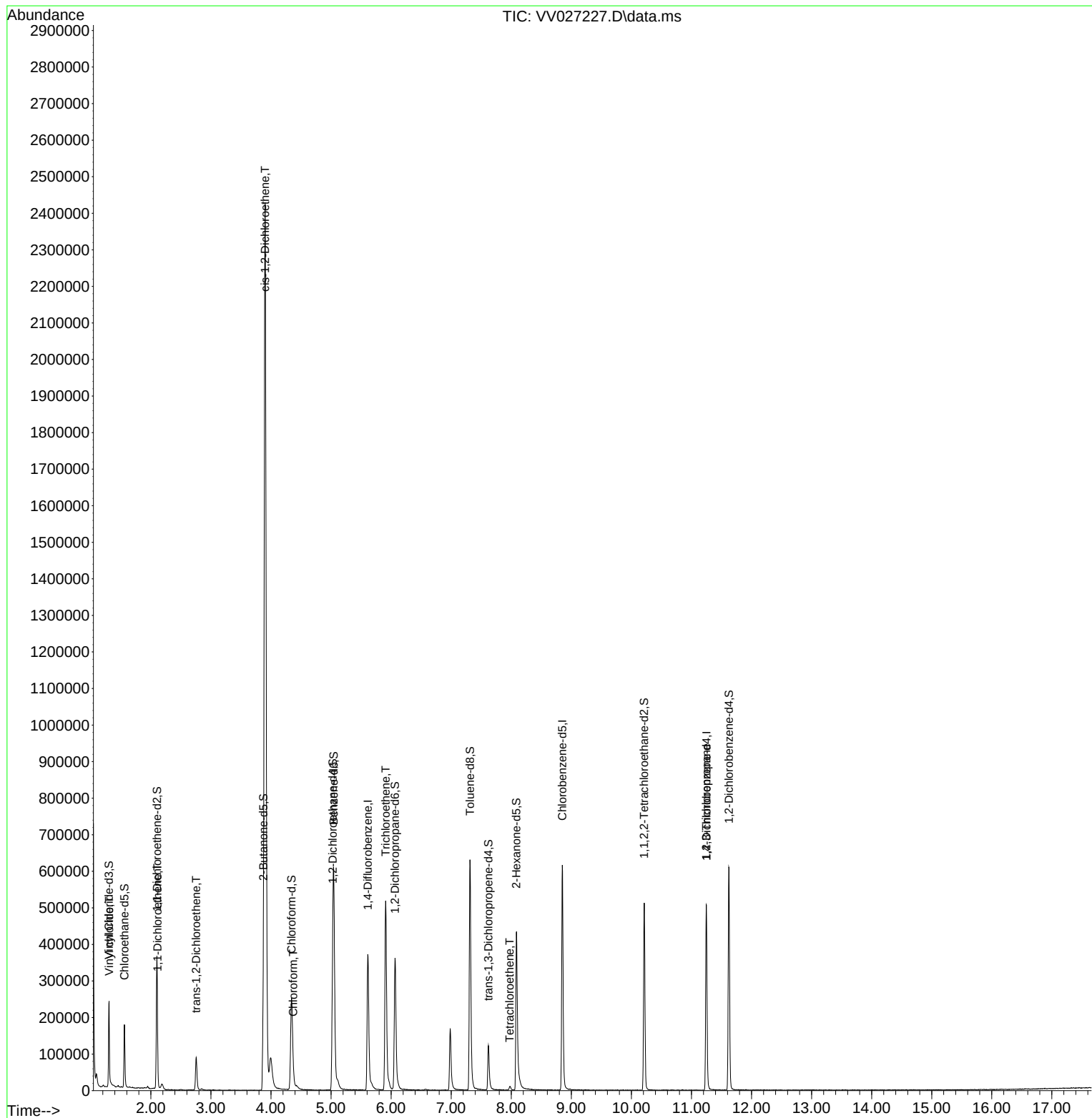
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	319149	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	330337	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128311	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	145476	66.858	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 133.720%		
7) Chloroethane-d5	1.561	69	114729	72.125	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 144.240%#		
11) 1,1-Dichloroethene-d2	2.101	63	192013	48.244	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 96.480%		
21) 2-Butanone-d5	3.873	46	213607	110.288	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 110.290%		
24) Chloroform-d	4.342	84	245857	55.161	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 110.320%		
26) 1,2-Dichloroethane-d4	5.027	65	175488	63.415	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 126.840%#		
32) Benzene-d6	5.043	84	534551	67.479	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 134.960%#		
36) 1,2-Dichloropropane-d6	6.066	67	181983	64.581	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 129.160%#		
41) Toluene-d8	7.313	98	429193	63.563	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 127.120%#		
43) trans-1,3-Dichloroprop...	7.619	79	70785	57.631	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 115.260%		
47) 2-Hexanone-d5	8.085	63	140108	103.233	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 103.230%		
56) 1,1,2,2-Tetrachloroeth...	10.213	84	246696	53.721	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 107.440%		
66) 1,2-Dichlorobenzene-d4	11.625	152	148851	67.177	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 134.360%#		
Target Compounds						
5) Vinyl chloride	1.307	62	16091	4.980	ug/L	Qvalue 92
12) 1,1-Dichloroethene	2.111	96	3925	1.775	ug/L	# 1
17) trans-1,2-Dichloroethene	2.754	96	33707	13.774	ug/L	91
20) cis-1,2-Dichloroethene	3.902	96	1271292	500.086	ug/L	86
25) Chloroform	4.371	83	19937	4.016	ug/L	95
34) Trichloroethene	5.908	95	187800	69.092	ug/L	94
46) Tetrachloroethene	7.976	164	2293	1.153	ug/L	90
61) 1,2,3-Trichloropropane	11.246	75	15721	5.337	ug/L	# 63

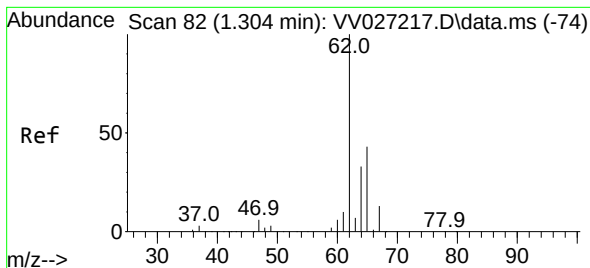
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 06 03:57:43 2022
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.980 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027227.D

Acq: 05 Aug 2022 16:07

Instrument :

MSVOA_V

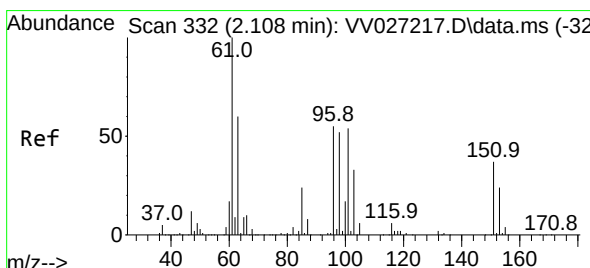
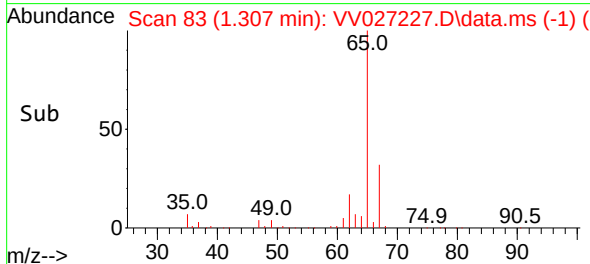
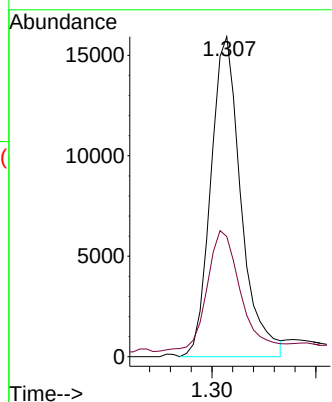
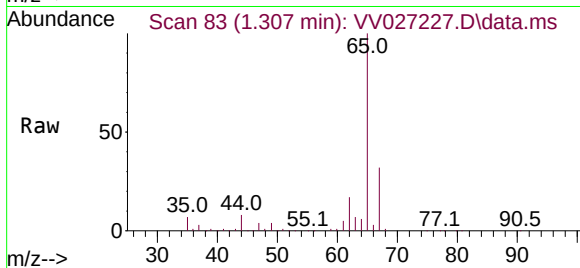
ClientSampleId :

Tgt Ion: 62 Resp: 16091

Ion Ratio Lower Upper

62 100

64 37.5 23.2 43.2



#12

1,1-Dichloroethene

Concen: 1.775 ug/L

RT: 2.111 min Scan# 333

Delta R.T. 0.003 min

Lab File: VV027227.D

Acq: 05 Aug 2022 16:07

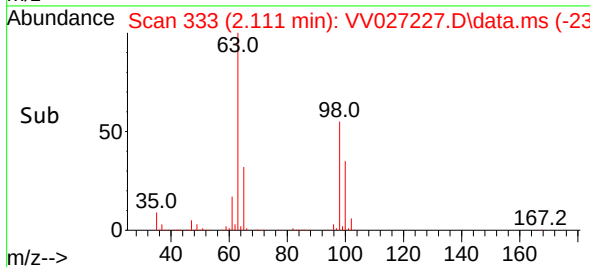
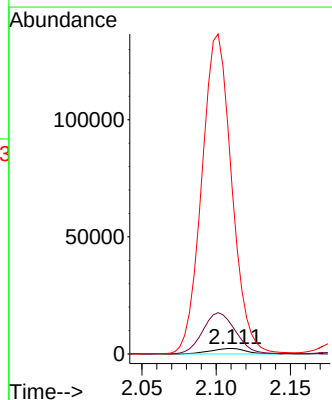
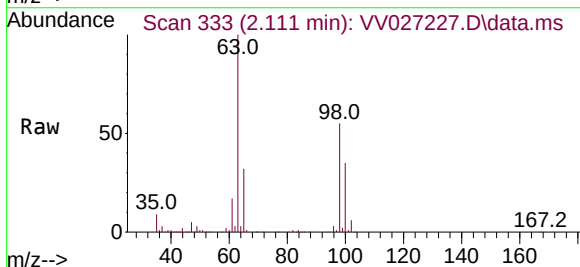
Tgt Ion: 96 Resp: 3925

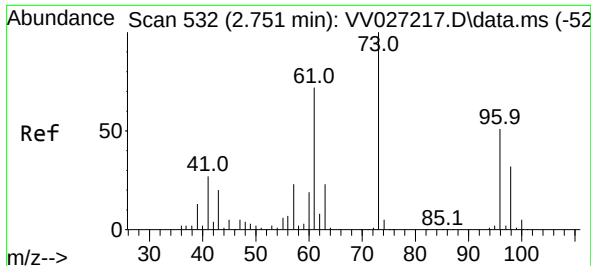
Ion Ratio Lower Upper

96 100

61 501.1 114.3 212.3#

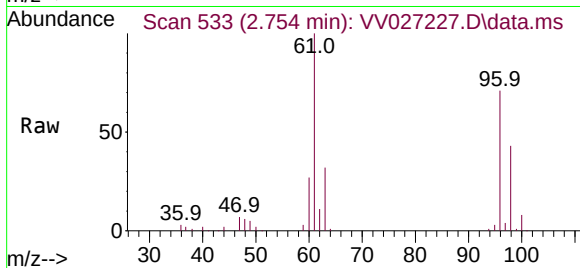
63 2951.8 93.4 173.4#



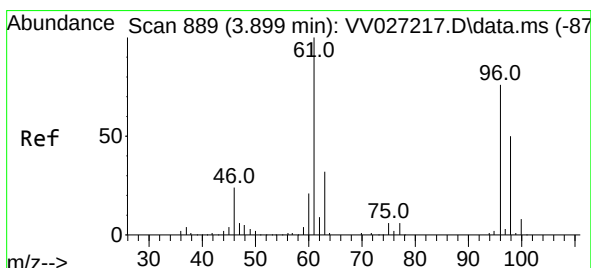
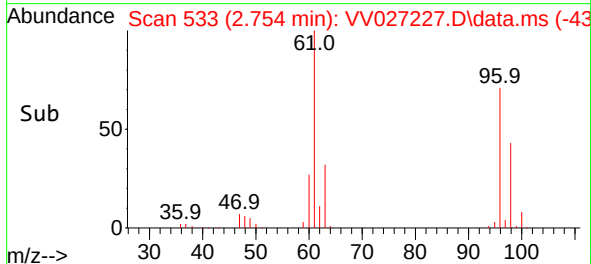
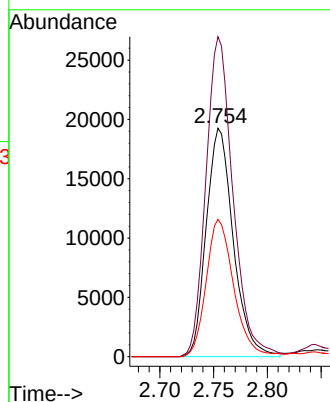


#17
trans-1,2-Dichloroethene
Concen: 13.774 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027227.D
Acq: 05 Aug 2022 16:07

Instrument :
MSVOA_V
ClientSampleId :

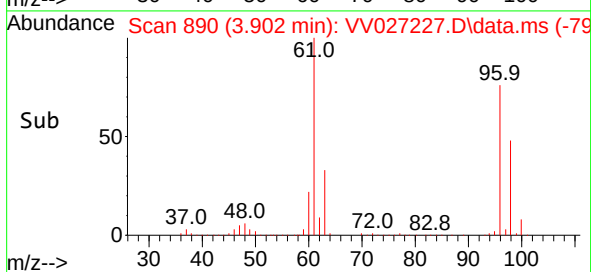
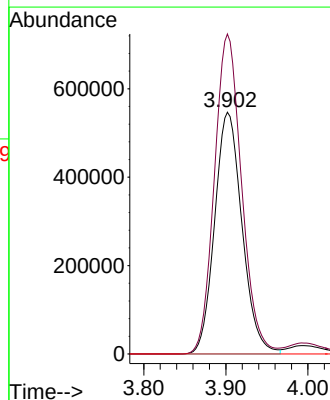
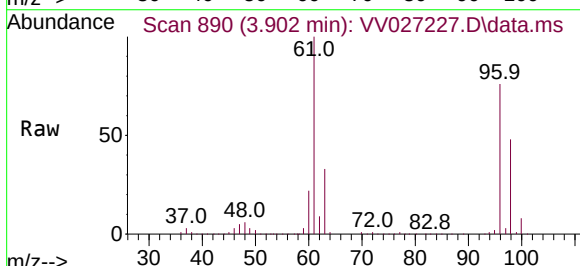


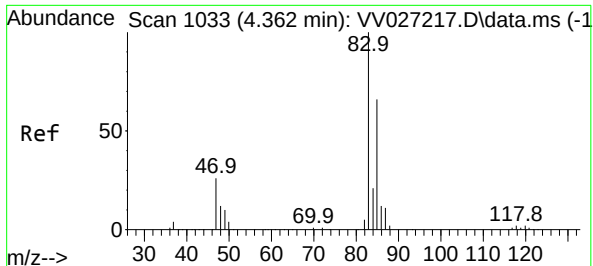
Tgt Ion: 96 Resp: 33707
Ion Ratio Lower Upper
96 100
61 140.0 89.2 165.6
98 60.1 44.6 82.8



#20
cis-1,2-Dichloroethene
Concen: 500.086 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV027227.D
Acq: 05 Aug 2022 16:07

Tgt Ion: 96 Resp: 1271292
Ion Ratio Lower Upper
96 100
61 132.4 81.8 151.8
68 0.0 0.0 0.0





#25

Chloroform

Concen: 4.016 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV027227.D

Acq: 05 Aug 2022 16:07

Instrument :

MSVOA_V

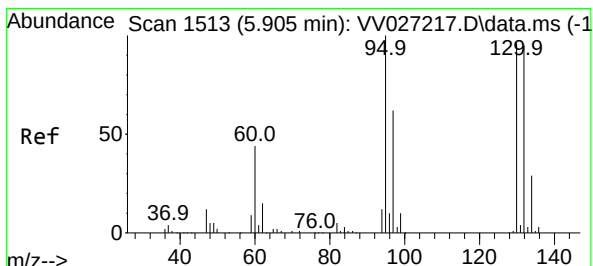
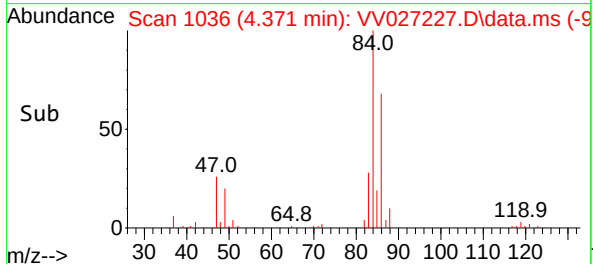
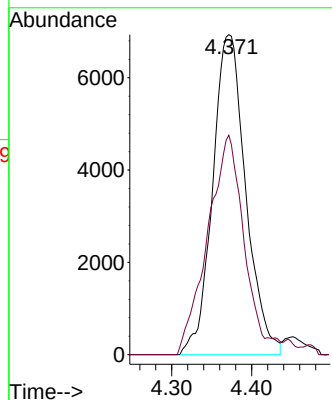
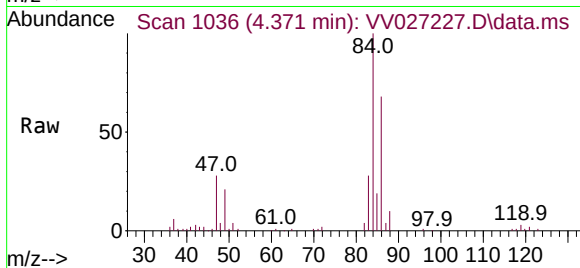
ClientSampleId :

Tgt Ion: 83 Resp: 19937

Ion Ratio Lower Upper

83 100

85 68.6 45.4 84.4



#34

Trichloroethene

Concen: 69.092 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. 0.003 min

Lab File: VV027227.D

Acq: 05 Aug 2022 16:07

Tgt Ion: 95 Resp: 187800

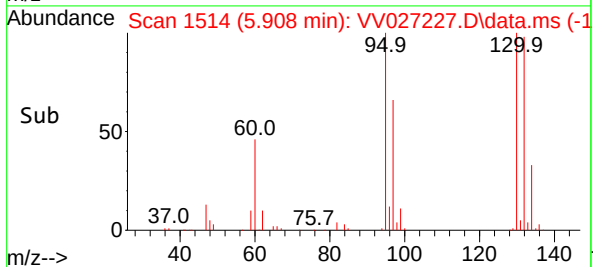
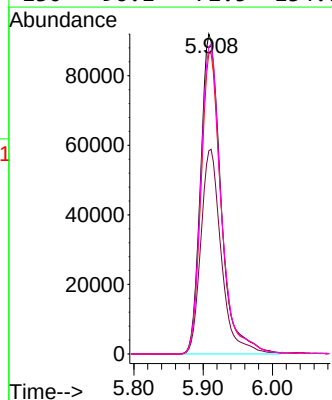
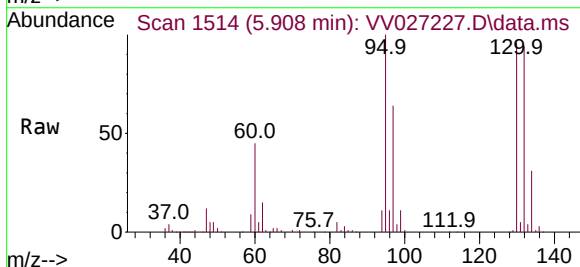
Ion Ratio Lower Upper

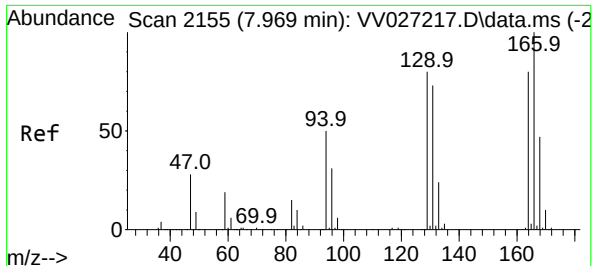
95 100

97 63.5 45.9 85.3

132 94.0 69.8 129.6

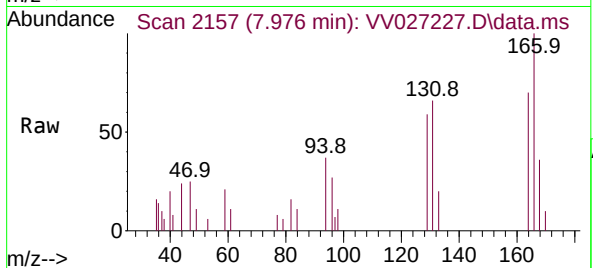
130 96.1 72.5 134.7



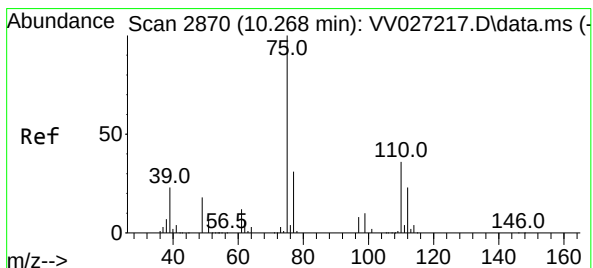
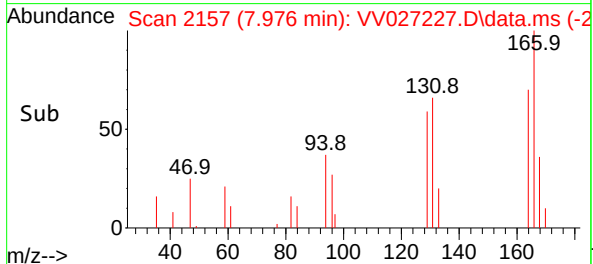
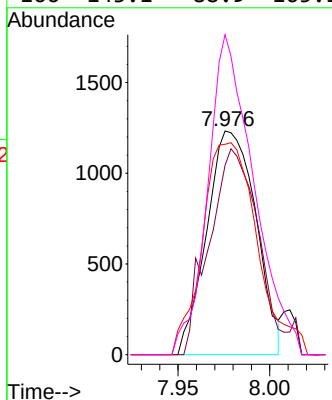


#46
Tetrachloroethene
Concen: 1.153 ug/L
RT: 7.976 min Scan# 2155
Delta R.T. 0.006 min
Lab File: VV027227.D
Acq: 05 Aug 2022 16:07

Instrument :
MSVOA_V
ClientSampleId :



Tgt	Ion:164	Resp:	2293
Ion	Ratio	Lower	Upper
164	100		
129	84.7	67.5	125.4
131	94.1	64.3	119.3
166	143.1	88.9	165.1



#61
1,2,3-Trichloropropane
Concen: 5.337 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.977 min
Lab File: VV027227.D
Acq: 05 Aug 2022 16:07

Tgt Ion: 75	Resp:	15721	
Ion Ratio	Lower	Upper	
75 100			
77 36.5	25.8	38.8	
110 3.3	32.7	49.1#	

