

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080522\
 Data File : VV027236.D
 Acq On : 05 Aug 2022 19:52
 Operator : SY/MD
 Sample : N4021-15
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 06 04:02:56 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)

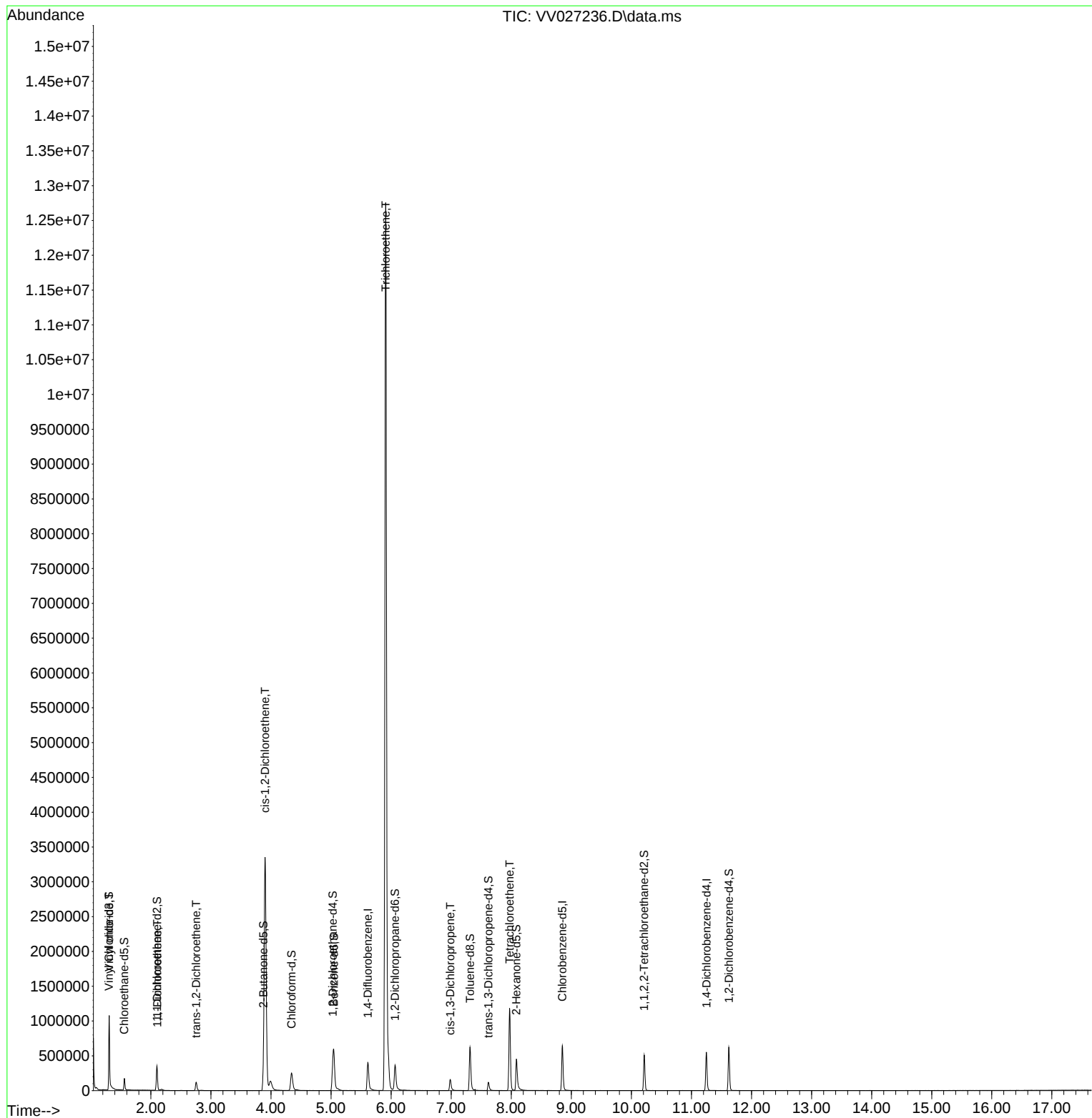
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	350396	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	349833	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138694	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	146737	61.424	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	122.840%	
7) Chloroethane-d5	1.558	69	112599	64.473	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	128.940%	
11) 1,1-Dichloroethene-d2	2.101	63	185367	42.421	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	84.840%	
21) 2-Butanone-d5	3.873	46	211645	99.530	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	99.530%	
24) Chloroform-d	4.342	84	252751	51.651	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.300%	
26) 1,2-Dichloroethane-d4	5.027	65	182093	59.934	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	119.860%	
32) Benzene-d6	5.047	84	502770	59.930	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	119.860%	
36) 1,2-Dichloropropane-d6	6.066	67	182090	61.018	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	122.040%#	
41) Toluene-d8	7.313	98	420838	58.852	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	117.700%	
43) trans-1,3-Dichloroprop...	7.619	79	67319	51.754	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	103.500%	
47) 2-Hexanone-d5	8.085	63	146003	101.581	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	101.580%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	243128	49.994	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	99.980%	
66) 1,2-Dichlorobenzene-d4	11.622	152	150901	63.004	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	126.000%#	
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	617292	174.012	ug/L	98
12) 1,1-Dichloroethene	2.108	96	4083	1.682	ug/L #	1
17) trans-1,2-Dichloroethene	2.754	96	43920	16.347	ug/L	88
20) cis-1,2-Dichloroethene	3.902	96	1750564	627.208	ug/L	85
34) Trichloroethene	5.908	95	4561144	1584.546	ug/L	94
39) cis-1,3-Dichloropropene	6.985	75	4347	1.042	ug/L #	71
46) Tetrachloroethene	7.973	164	254782	120.931	ug/L	98

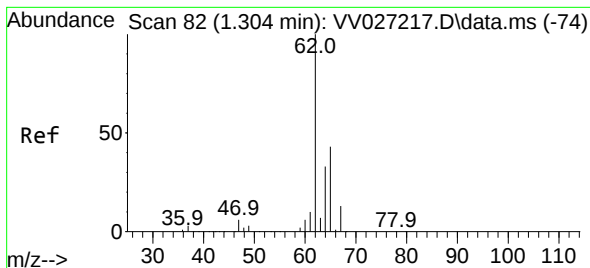
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 174.012 ug/L

RT: 1.307 min Scan# 81

Delta R.T. 0.003 min

Lab File: VV027236.D

Acq: 05 Aug 2022 19:52

Instrument :

MSVOA_V

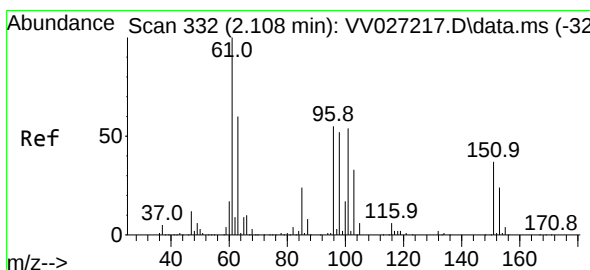
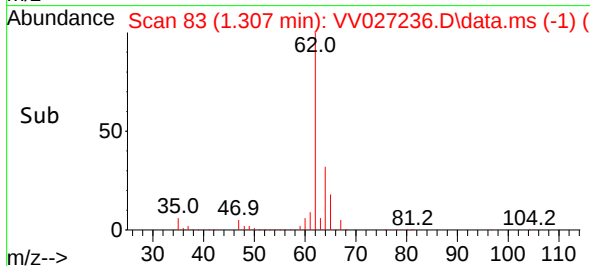
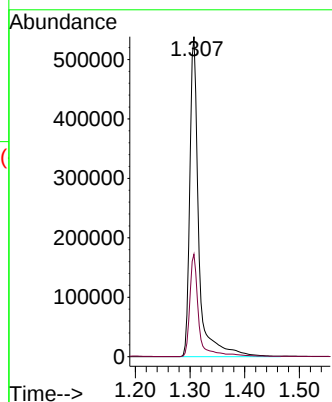
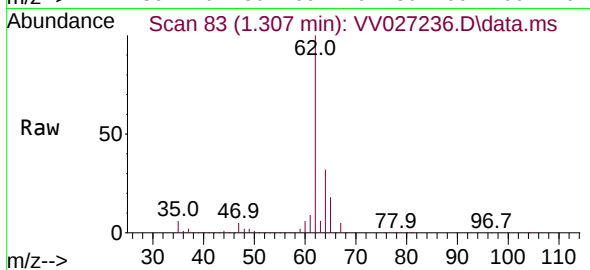
ClientSampleId :

Tgt Ion: 62 Resp: 617292

Ion Ratio Lower Upper

62 100

64 32.0 23.2 43.2



#12

1,1-Dichloroethene

Concen: 1.682 ug/L

RT: 2.108 min Scan# 332

Delta R.T. 0.000 min

Lab File: VV027236.D

Acq: 05 Aug 2022 19:52

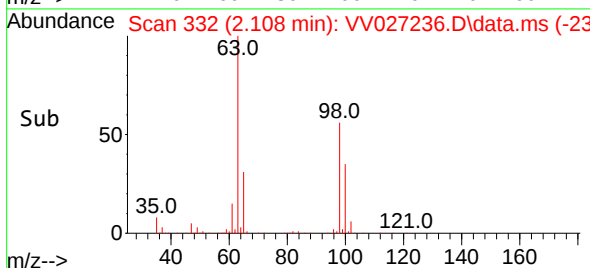
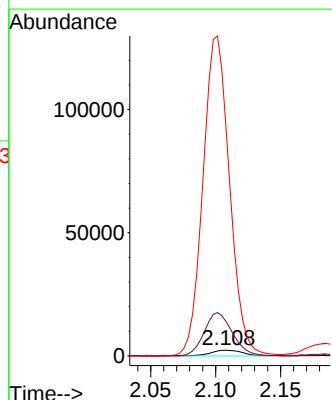
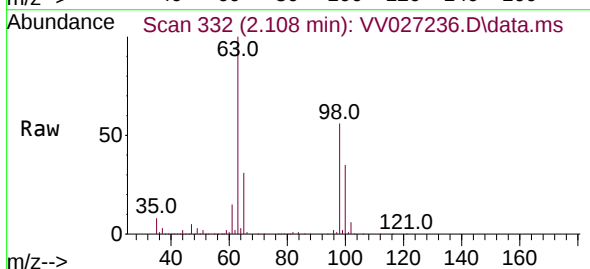
Tgt Ion: 96 Resp: 4083

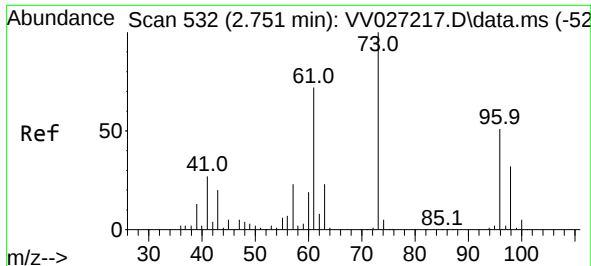
Ion Ratio Lower Upper

96 100

61 605.2 114.3 212.3#

63 4034.0 93.4 173.4#

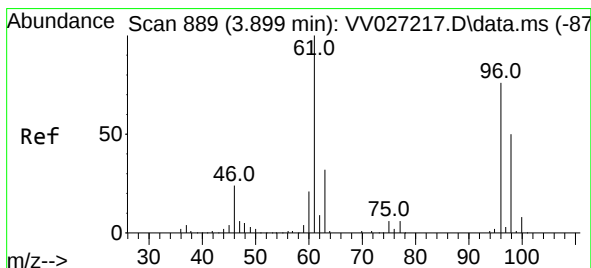
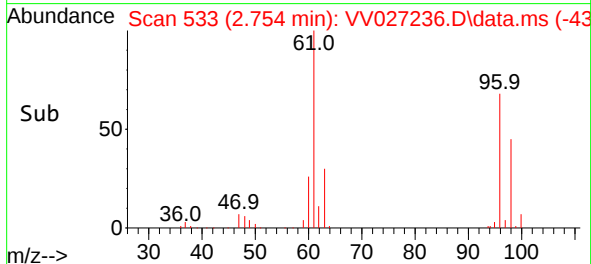
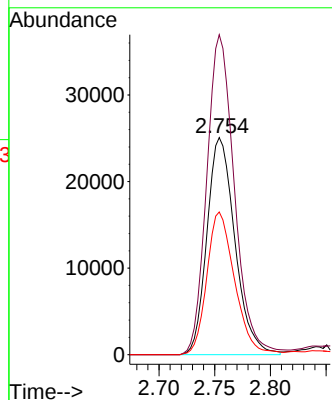
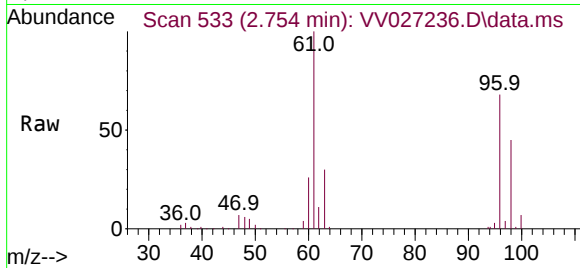




#17
trans-1,2-Dichloroethene
Concen: 16.347 ug/L
RT: 2.754 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV027236.D
Acq: 05 Aug 2022 19:52

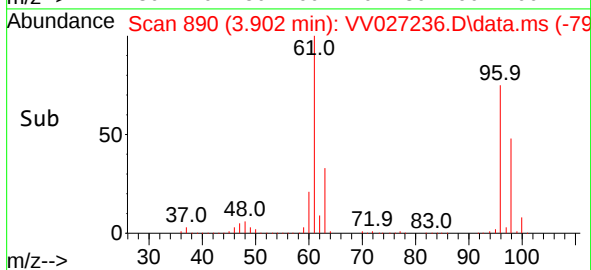
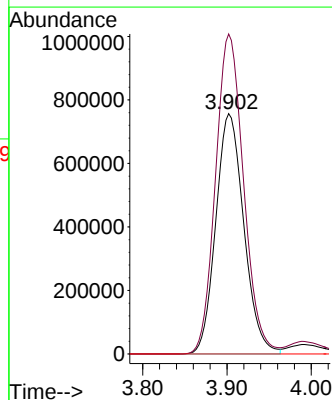
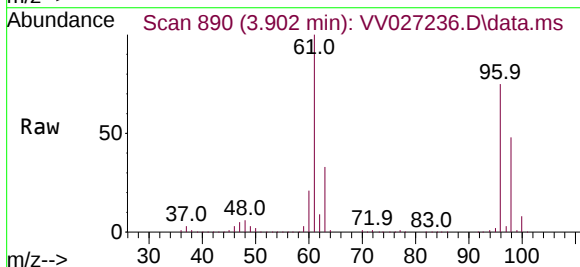
Instrument :
MSVOA_V
ClientSampleId :

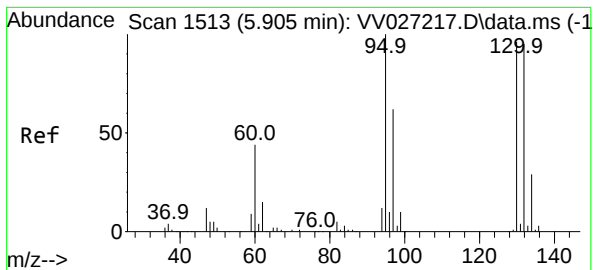
Tgt Ion: 96 Resp: 43920
Ion Ratio Lower Upper
96 100
61 147.4 89.2 165.6
98 65.7 44.6 82.8



#20
cis-1,2-Dichloroethene
Concen: 627.208 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV027236.D
Acq: 05 Aug 2022 19:52

Tgt Ion: 96 Resp: 1750564
Ion Ratio Lower Upper
96 100
61 133.1 81.8 151.8
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 1584.546 ug/L

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV027236.D

Acq: 05 Aug 2022 19:52

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 4561144

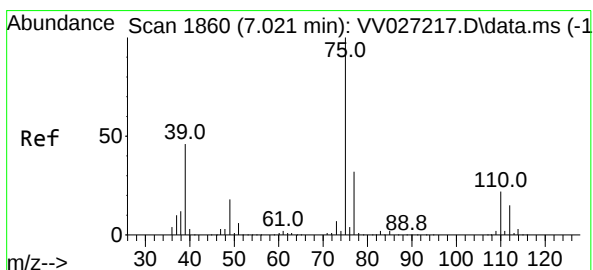
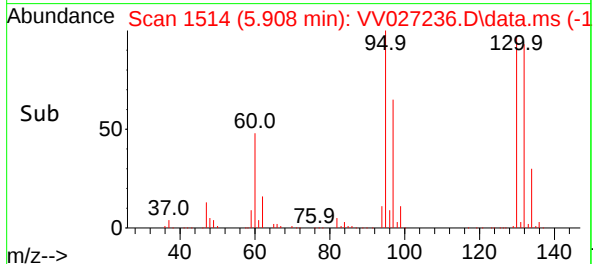
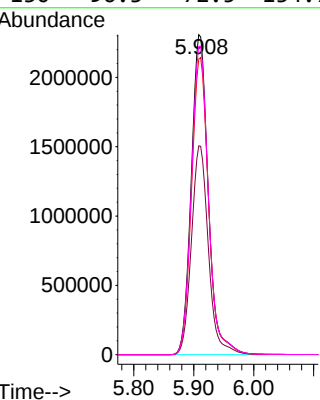
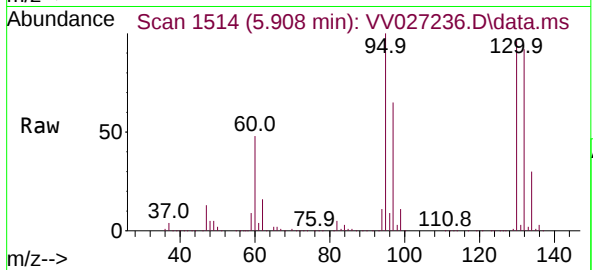
Ion Ratio Lower Upper

95 100

97 65.2 45.9 85.3

132 92.4 69.8 129.6

130 96.3 72.5 134.7



#39

cis-1,3-Dichloropropene

Concen: 1.042 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV027236.D

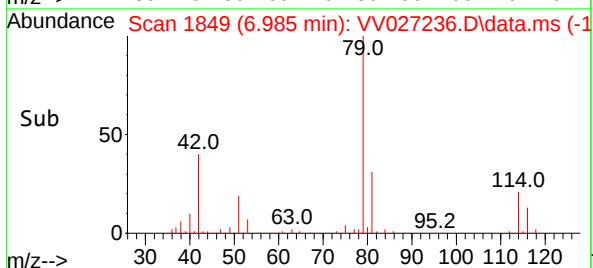
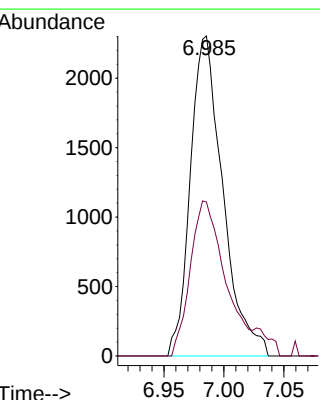
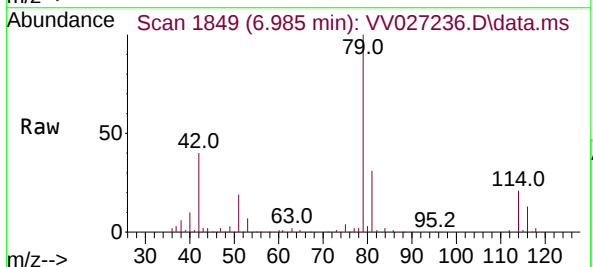
Acq: 05 Aug 2022 19:52

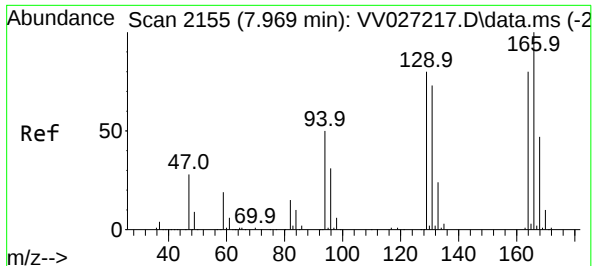
Tgt Ion: 75 Resp: 4347

Ion Ratio Lower Upper

75 100

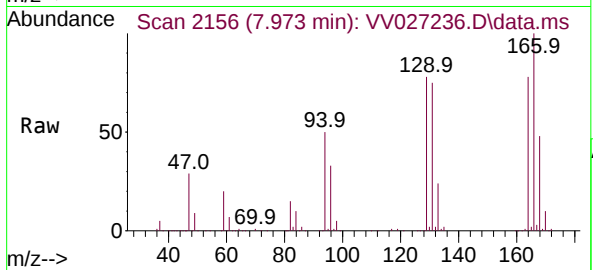
77 48.1 22.5 41.7#





#46
 Tetrachloroethene
 Concen: 120.931 ug/L
 RT: 7.973 min Scan# 2156
 Delta R.T. 0.003 min
 Lab File: VV027236.D
 Acq: 05 Aug 2022 19:52

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	254782
Ion	Ratio	Lower	Upper
164	100		
129	98.8	67.5	125.4
131	95.0	64.3	119.3
166	127.4	88.9	165.1

