

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040723\
 Data File : VV030454.D
 Acq On : 07 Apr 2023 19:48
 Operator : SY/MD
 Sample : 02225-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

Quant Time: Apr 10 04:00:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 10 03:52:52 2023
 Response via : Initial Calibration

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

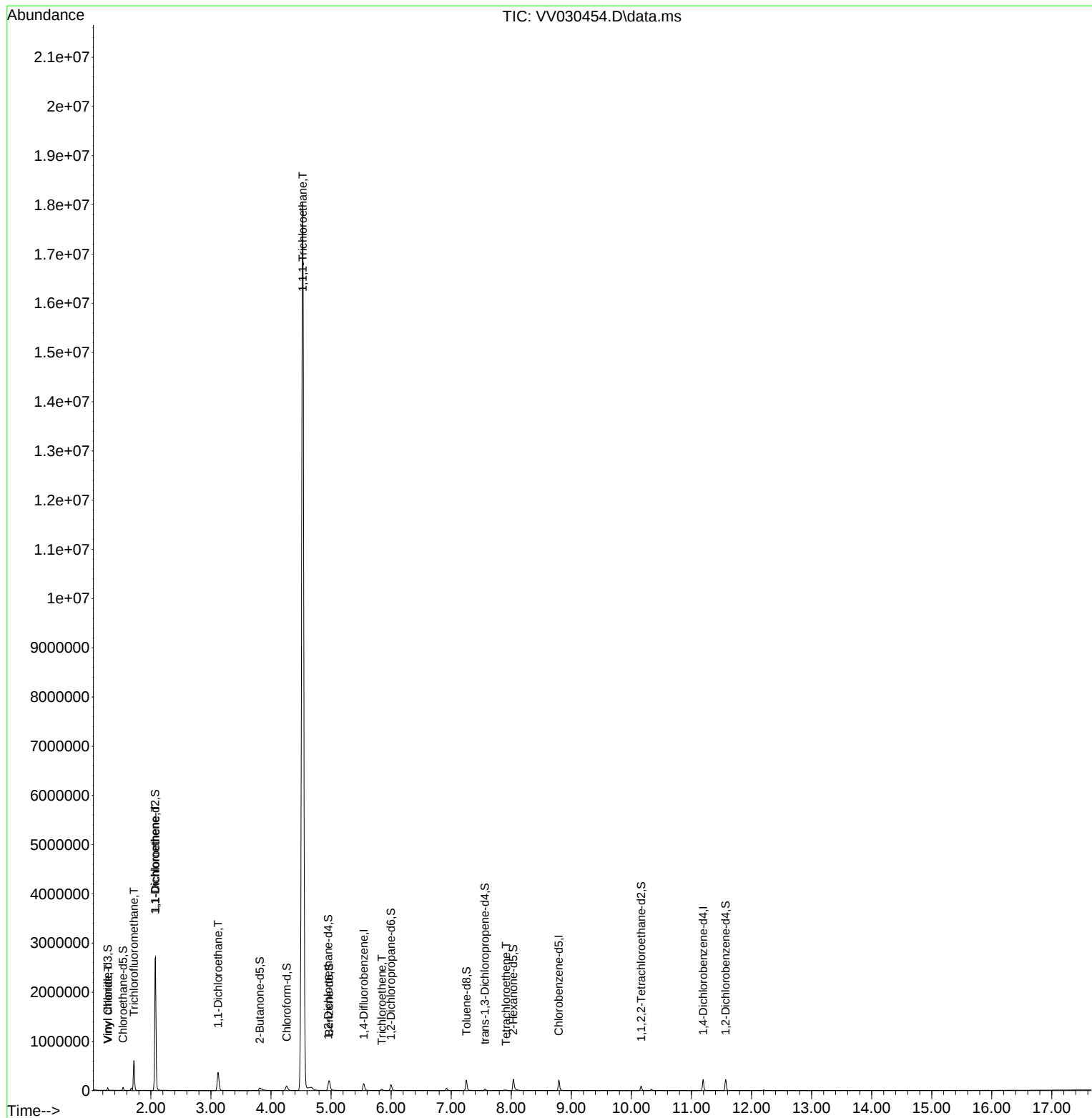
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	120405	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	118366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	59060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	33251	4.170	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.535	69	36465	4.712	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.072	63	497463	26.289	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	525.800%#	
20) 2-Butanone-d5	3.815	46	112057	54.366	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.740%	
24) Chloroform-d	4.262	84	95213	4.933	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	4.953	65	50794	5.578	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.600%	
32) Benzene-d6	4.969	84	174176	5.222	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.400%	
36) 1,2-Dichloropropane-d6	5.998	67	53449	5.118	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.252	98	144615	4.721	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	7.561	79	17442	4.436	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	88.800%	
46) 2-Hexanone-d5	8.034	63	81308	51.465	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.920%	
56) 1,1,2,2-Tetrachloroeth...	10.162	84	40983	4.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.570	152	57801	5.476	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.600%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	2033	0.144	ug/L #	45
9) Trichlorofluoromethane	1.719	101	346563	16.884	ug/L	99
12) 1,1-Dichloroethene	2.076	96	742087	73.763	ug/L #	70
19) 1,1-Dichloroethane	3.121	63	361285	17.584	ug/L	98
29) 1,1,1-Trichloroethane	4.529	97	14223010	747.604	ug/L	96
34) Trichloroethene	5.847	95	8615	0.760	ug/L	97
47) Tetrachloroethene	7.915	164	2385	0.238	ug/L	93

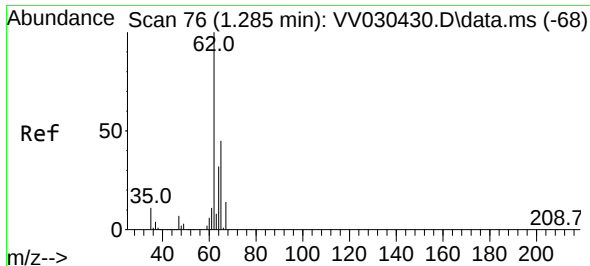
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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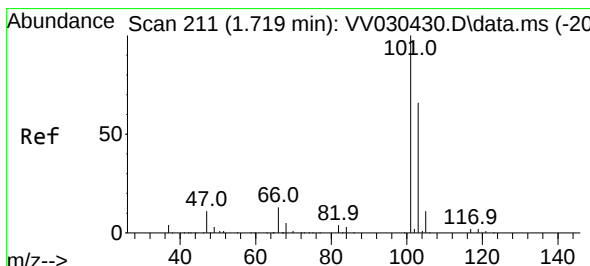
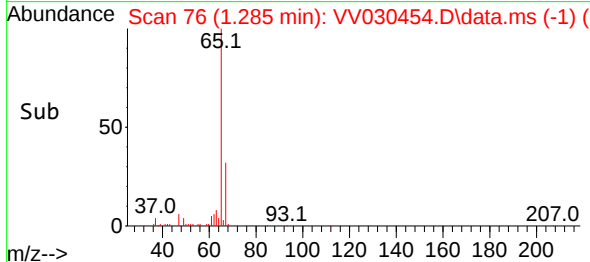
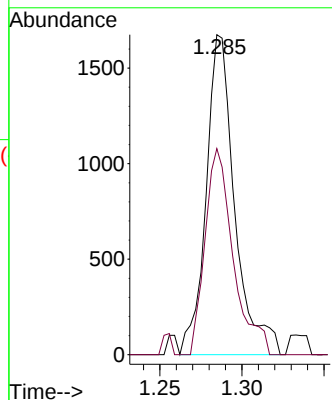
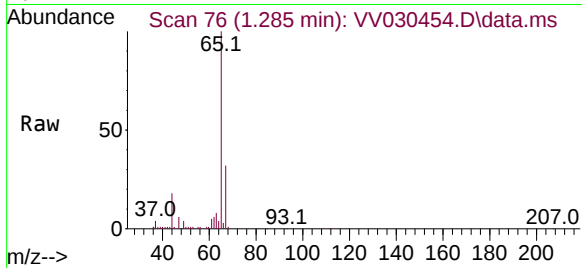




#5
 Vinyl chloride
 Concen: 0.144 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. 0.000 min
 Lab File: VV030454.D
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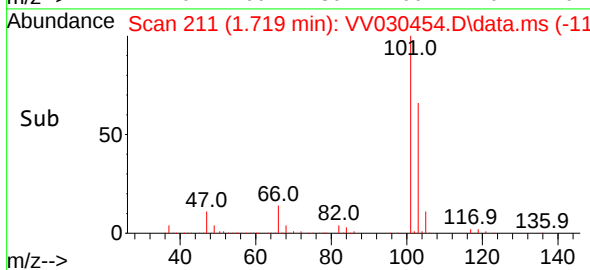
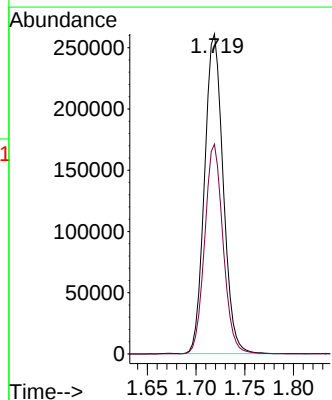
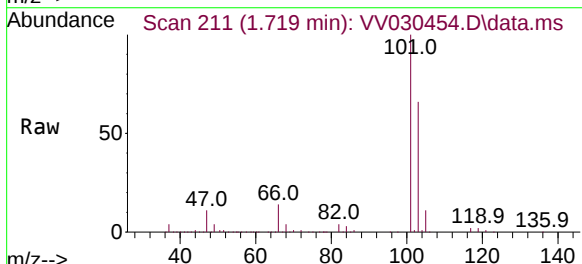
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4

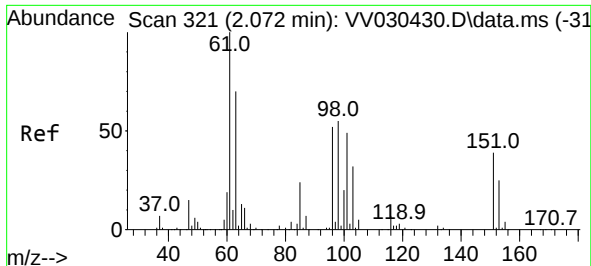
Tgt Ion: 62 Resp: 2033
 Ion Ratio Lower Upper
 62 100
 64 64.4 23.2 43.2#



#9
 Trichlorofluoromethane
 Concen: 16.884 ug/L
 RT: 1.719 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VV030454.D
 Acq: 07 Apr 2023 19:48

Tgt Ion: 101 Resp: 346563
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.0 76.6





#12

1,1-Dichloroethene

Concen: 73.763 ug/L

RT: 2.076 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV030454.D

Acq: 07 Apr 2023 19:48

Instrument :

MSVOA_V

ClientSampleId :

C0AE4

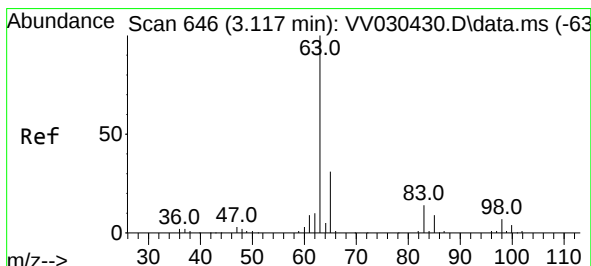
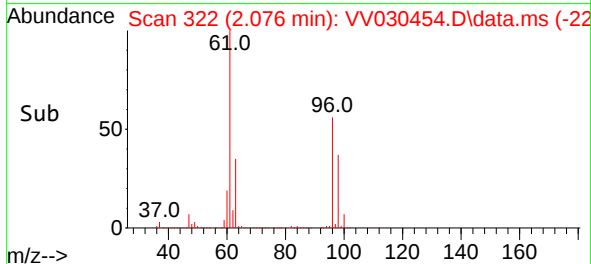
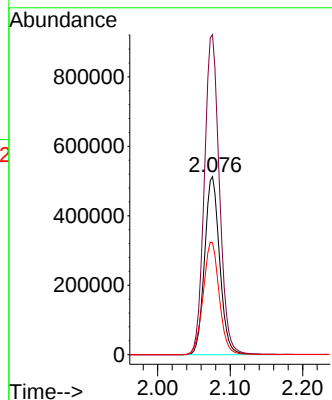
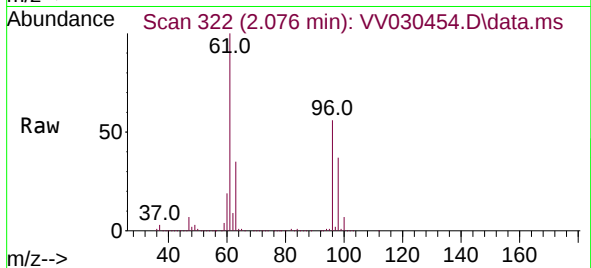
Tgt Ion: 96 Resp: 742087

Ion Ratio Lower Upper

96 100

61 179.7 136.3 253.1

63 62.8 92.1 171.1#



#19

1,1-Dichloroethane

Concen: 17.584 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.003 min

Lab File: VV030454.D

Acq: 07 Apr 2023 19:48

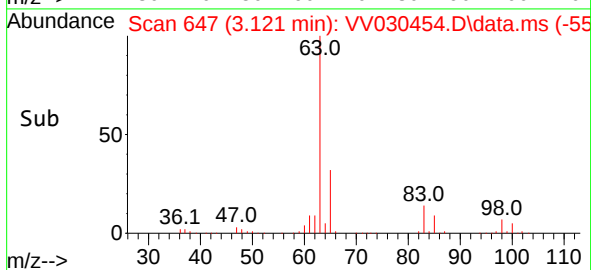
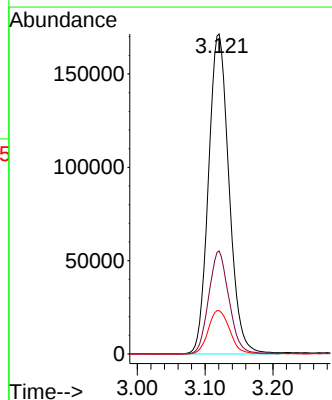
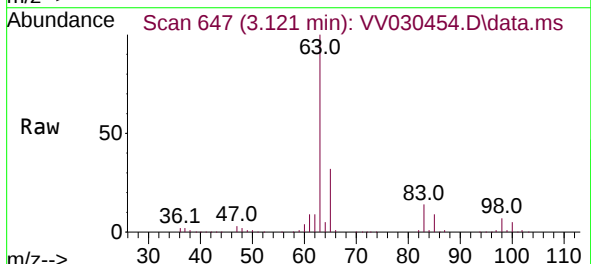
Tgt Ion: 63 Resp: 361285

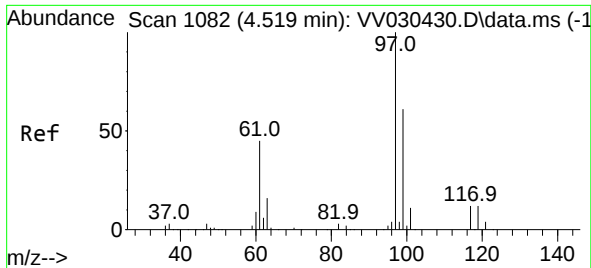
Ion Ratio Lower Upper

63 100

65 32.2 21.7 40.3

83 13.6 9.1 16.9





#29

1,1,1-Trichloroethane

Concen: 747.604 ug/L

RT: 4.529 min Scan# 1085

Delta R.T. 0.010 min

Lab File: VV030454.D

Acq: 07 Apr 2023 19:48

Instrument :

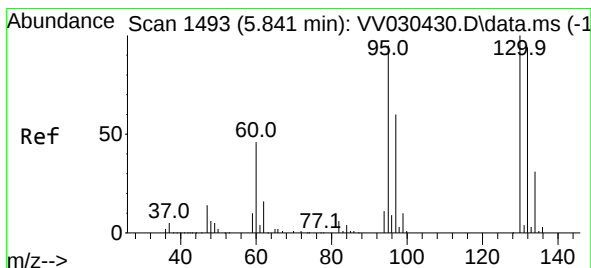
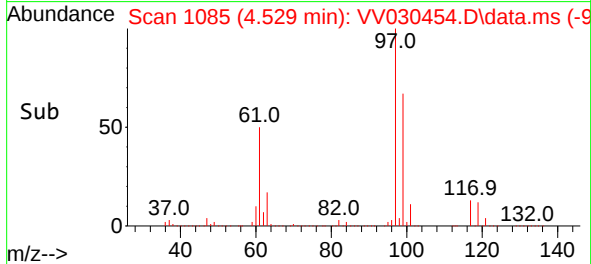
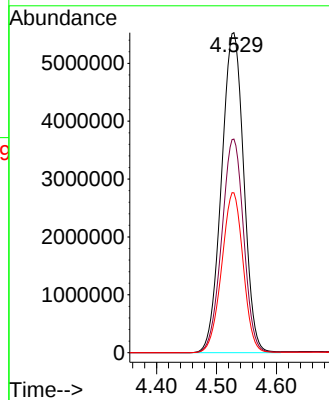
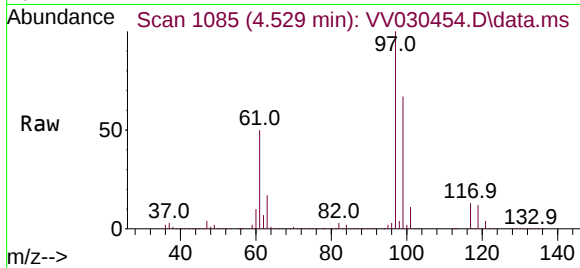
MSVOA_V

ClientSampleId :

C0AE4

Tgt Ion: 97 Resp:14223010

Ion	Ratio	Lower	Upper
97	100		
99	65.9	50.9	76.3
61	48.3	35.9	53.9



#34

Trichloroethene

Concen: 0.760 ug/L

RT: 5.847 min Scan# 1495

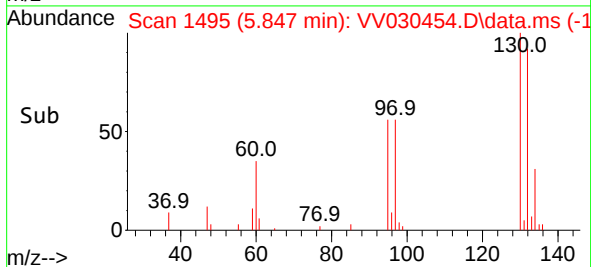
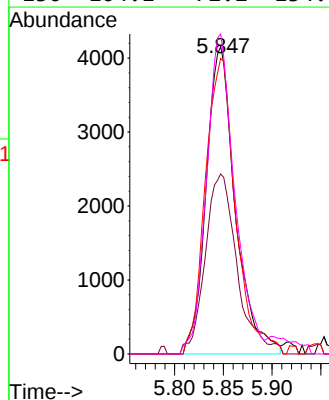
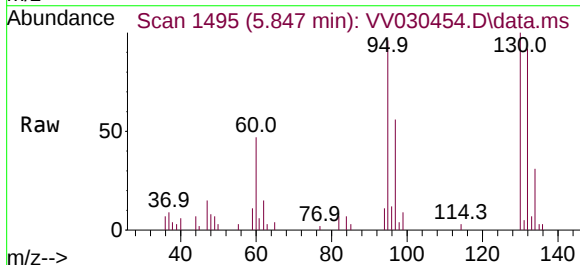
Delta R.T. 0.006 min

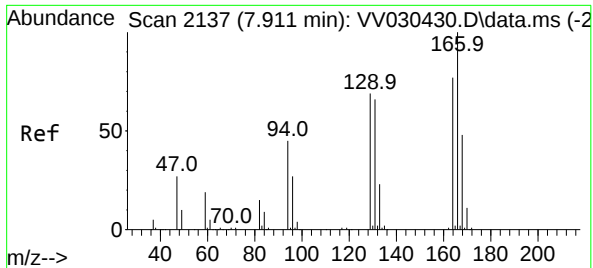
Lab File: VV030454.D

Acq: 07 Apr 2023 19:48

Tgt Ion: 95 Resp: 8615

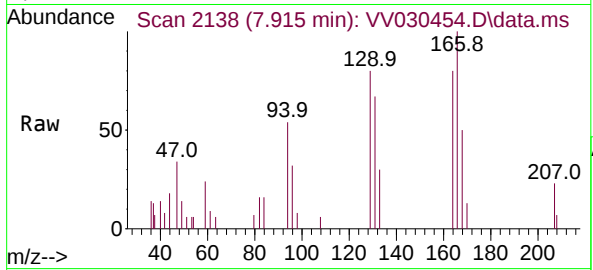
Ion	Ratio	Lower	Upper
95	100		
97	58.6	44.2	82.2
132	96.1	69.5	129.1
130	104.1	72.2	134.0





#47
 Tetrachloroethene
 Concen: 0.238 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030454.D
 Acq: 07 Apr 2023 19:48

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE4



Tgt Ion:164 Resp: 2385

Ion	Ratio	Lower	Upper
164	100		
129	100.1	60.8	112.8
131	84.4	61.7	114.7
166	125.5	85.6	159.0

