

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040623\
 Data File : VV030417.D
 Acq On : 06 Apr 2023 14:57
 Operator : SY/MD
 Sample : 02225-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3

Quant Time: Apr 07 04:50:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 31 05:37:21 2023
 Response via : Initial Calibration

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

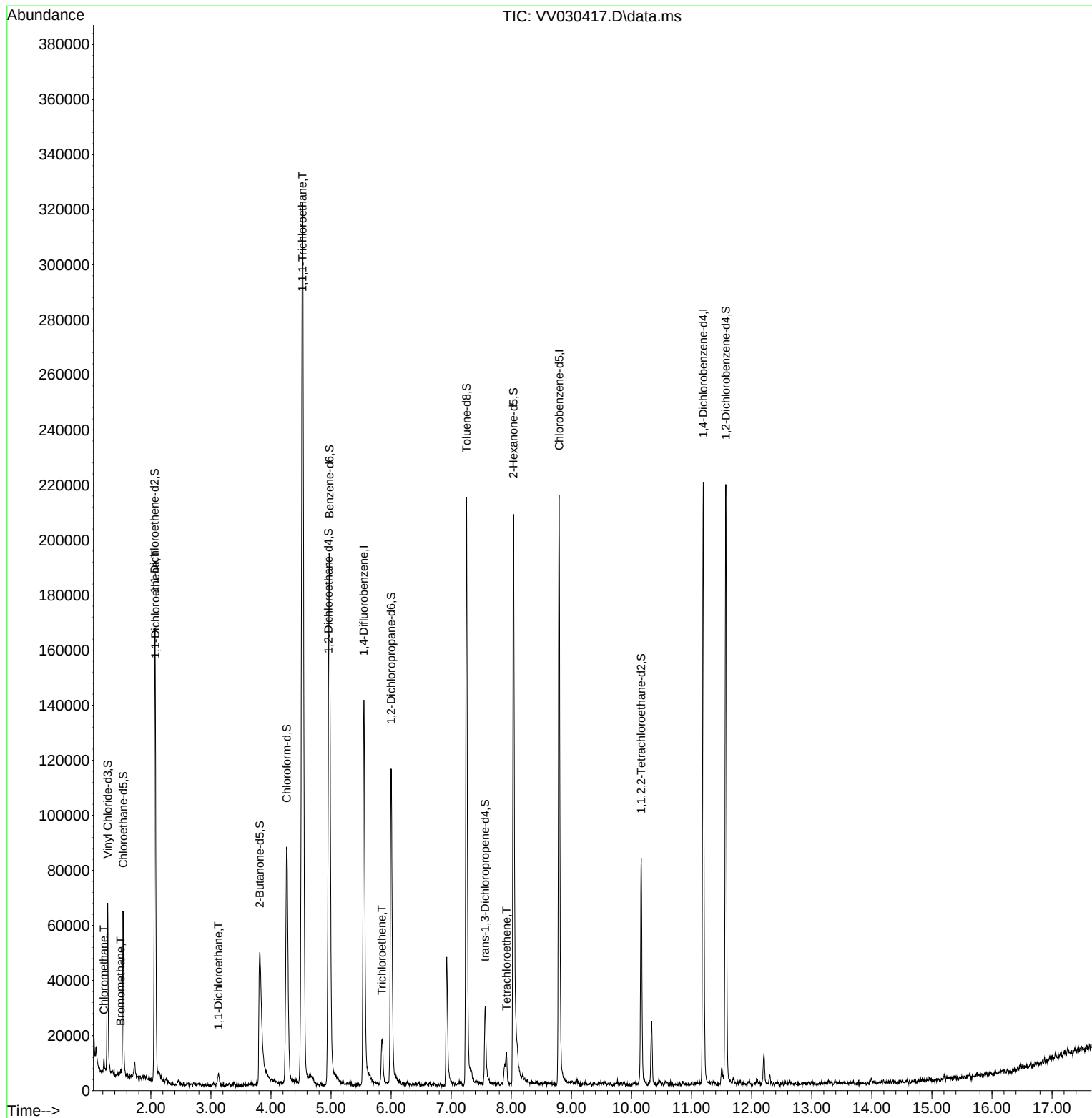
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	120993	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	117498	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	57713	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	36114	4.507	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.539	69	38475	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.066	63	75990	3.996	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.000%
20) 2-Butanone-d5	3.812	46	96242	46.466	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.940%
24) Chloroform-d	4.262	84	93310	4.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	4.957	65	47474	5.188	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	4.973	84	169053	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	5.998	67	51367	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.252	98	144427	4.750	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.564	79	17653	4.523	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.034	63	71256	45.436	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.880%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	37630	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.570	152	56787	5.505	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
3) Chloromethane	1.217	50	4238	0.218	ug/L	98
6) Bromomethane	1.497	94	624	0.155	ug/L	90
12) 1,1-Dichloroethene	2.076	96	20353	2.013	ug/L #	63
19) 1,1-Dichloroethane	3.124	63	3771	0.183	ug/L #	90
29) 1,1,1-Trichloroethane	4.522	97	263497	13.953	ug/L	100
34) Trichloroethene	5.847	95	5792	0.515	ug/L	90
47) Tetrachloroethene	7.921	164	2186	0.220	ug/L	85

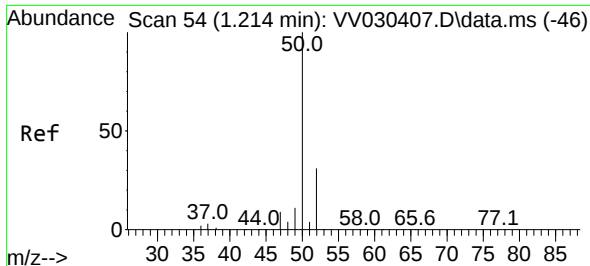
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Mar 31 05:37:21 2023
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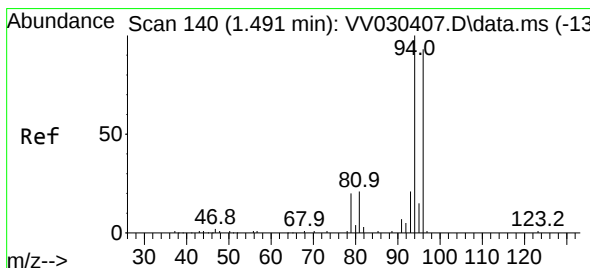
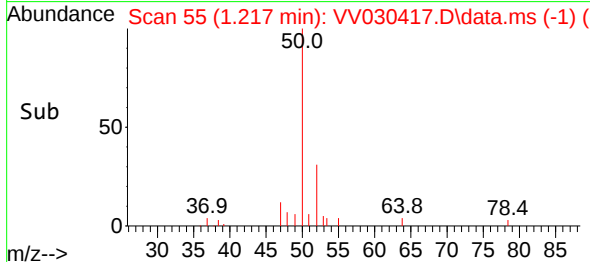
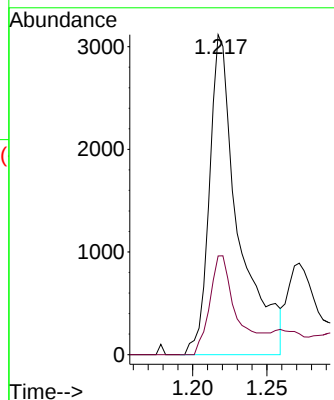
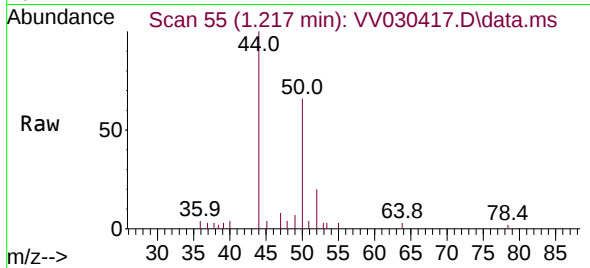




#3
Chloromethane
Concen: 0.218 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV030417.D
Acq: 06 Apr 2023 14:57

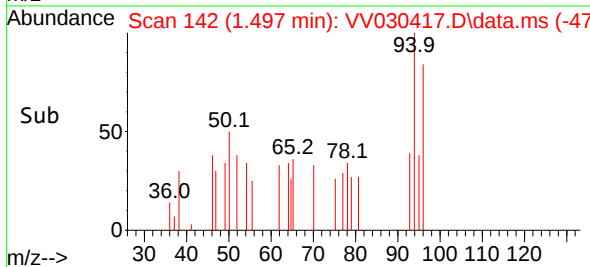
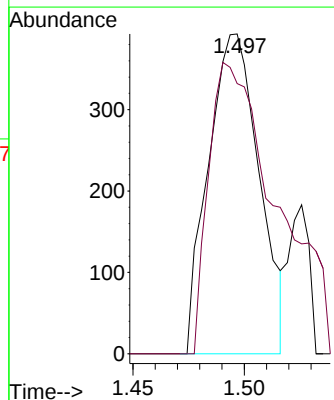
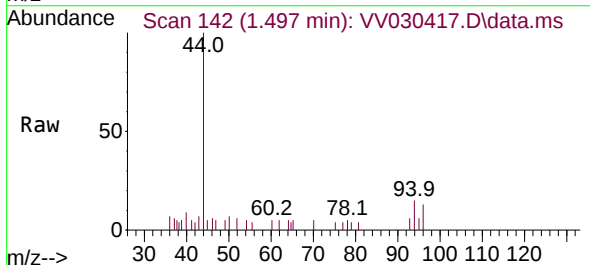
Instrument :
MSVOA_V
ClientSampleId :
C0AB3

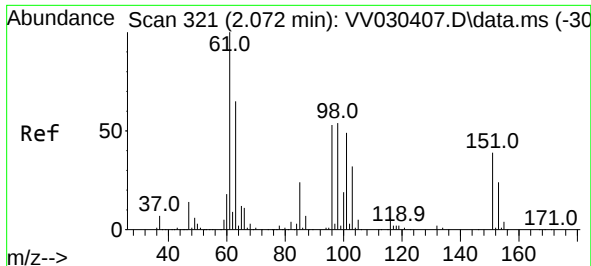
Tgt Ion: 50 Resp: 4238
Ion Ratio Lower Upper
50 100
52 30.9 22.3 41.5



#6
Bromomethane
Concen: 0.155 ug/L
RT: 1.497 min Scan# 142
Delta R.T. 0.006 min
Lab File: VV030417.D
Acq: 06 Apr 2023 14:57

Tgt Ion: 94 Resp: 624
Ion Ratio Lower Upper
94 100
96 84.5 66.1 122.7





#12

1,1-Dichloroethene

Concen: 2.013 ug/L

RT: 2.076 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0AB3

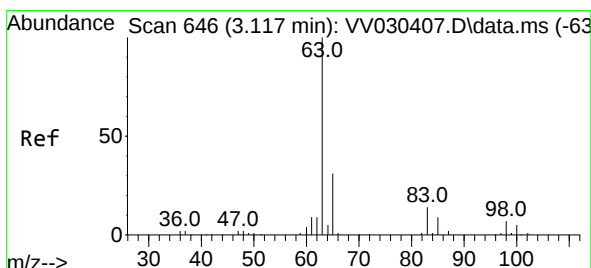
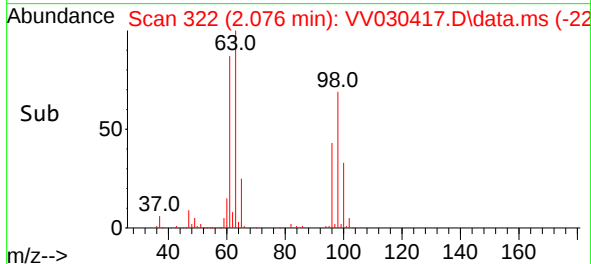
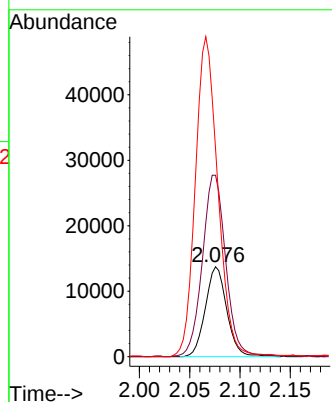
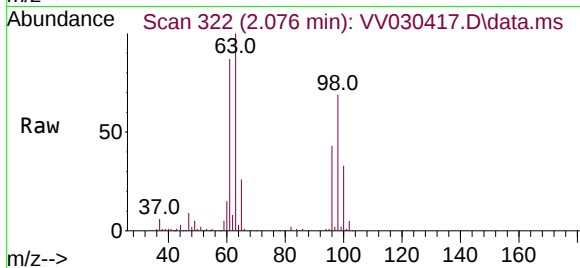
Tgt Ion: 96 Resp: 20353

Ion Ratio Lower Upper

96 100

61 201.7 136.3 253.1

63 231.1 92.1 171.1#



#19

1,1-Dichloroethane

Concen: 0.183 ug/L

RT: 3.124 min Scan# 648

Delta R.T. 0.006 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

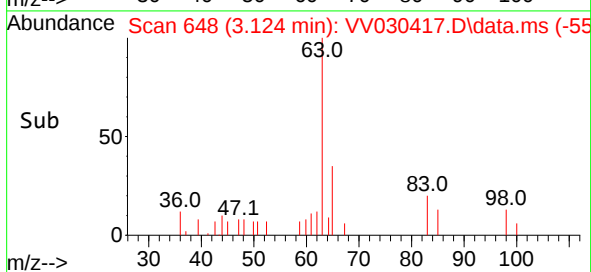
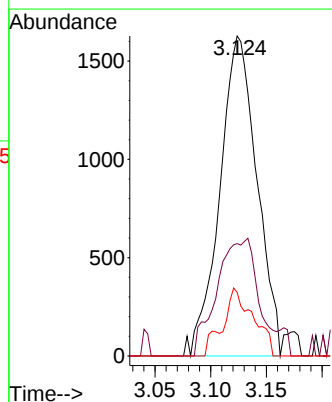
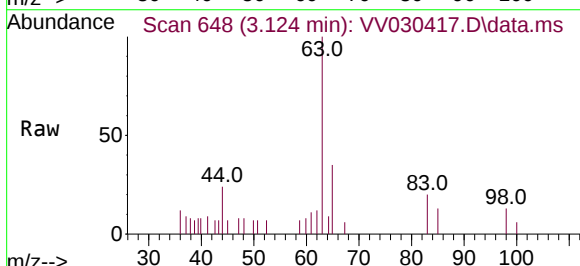
Tgt Ion: 63 Resp: 3771

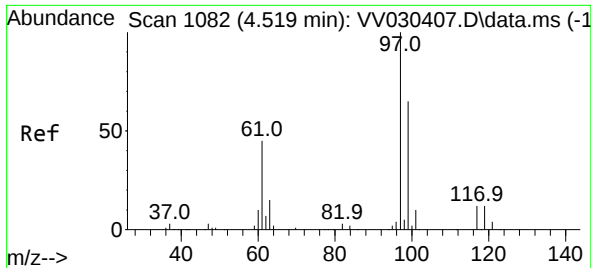
Ion Ratio Lower Upper

63 100

65 35.1 21.7 40.3

83 19.8 9.1 16.9#





#29

1,1,1-Trichloroethane

Concen: 13.953 ug/L

RT: 4.522 min Scan# 1082

Delta R.T. -0.000 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

C0AB3

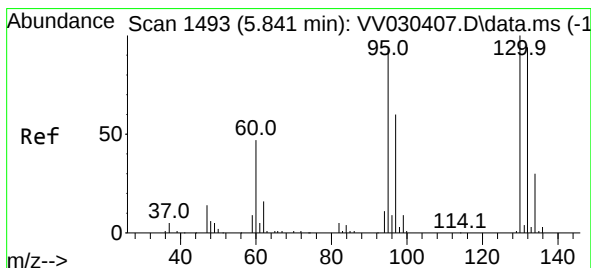
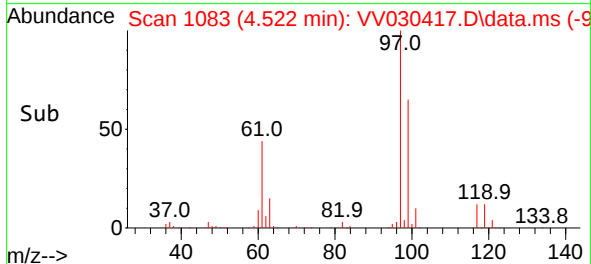
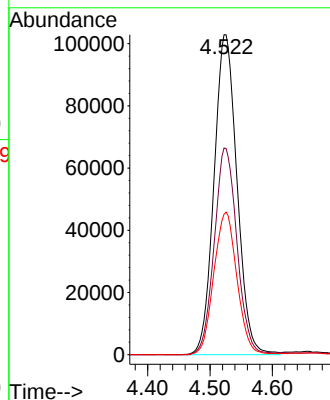
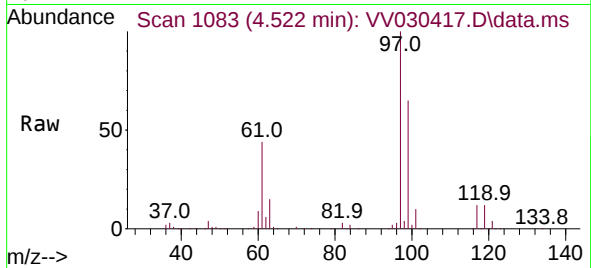
Tgt Ion: 97 Resp: 263497

Ion Ratio Lower Upper

97 100

99 63.9 50.9 76.3

61 44.7 35.9 53.9



#34

Trichloroethene

Concen: 0.515 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VV030417.D

Acq: 06 Apr 2023 14:57

Tgt Ion: 95 Resp: 5792

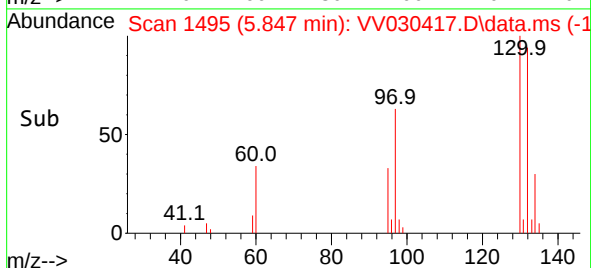
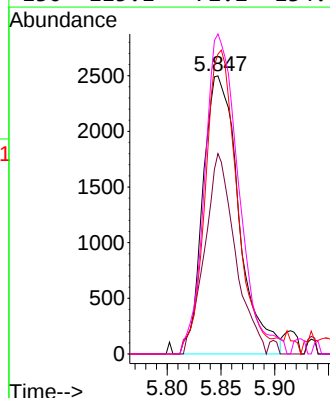
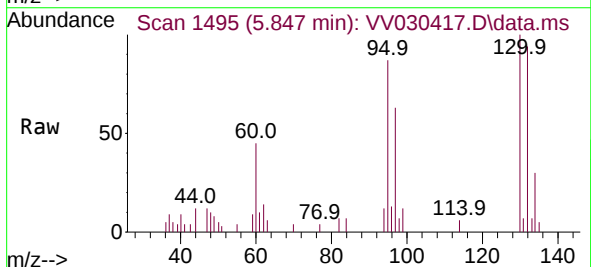
Ion Ratio Lower Upper

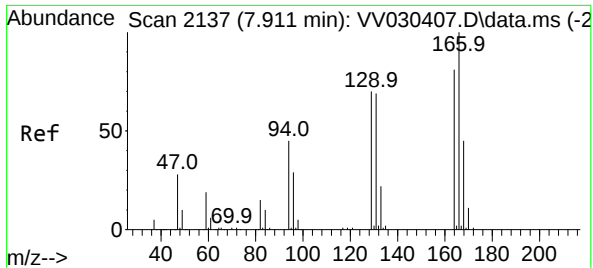
95 100

97 72.1 44.2 82.2

132 107.8 69.5 129.1

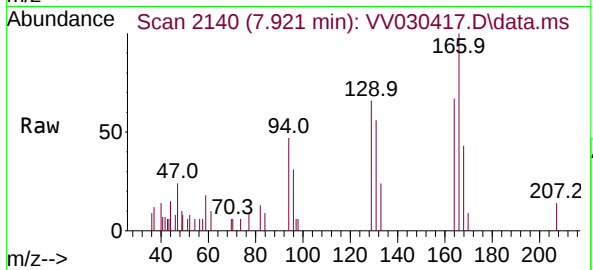
130 115.1 72.2 134.0





#47
 Tetrachloroethene
 Concen: 0.220 ug/L
 RT: 7.921 min Scan# 21
 Delta R.T. 0.009 min
 Lab File: VV030417.D
 Acq: 06 Apr 2023 14:57

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB3



Tgt Ion:164 Resp: 2186

Ion	Ratio	Lower	Upper
164	100		
129	99.4	60.8	112.8
131	84.4	61.7	114.7
166	150.2	85.6	159.0

