

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037452.D
 Acq On : 21 Sep 2024 00:07
 Operator : SY/MD
 Sample : P4107-03
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B32

Quant Time: Sep 21 04:53:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

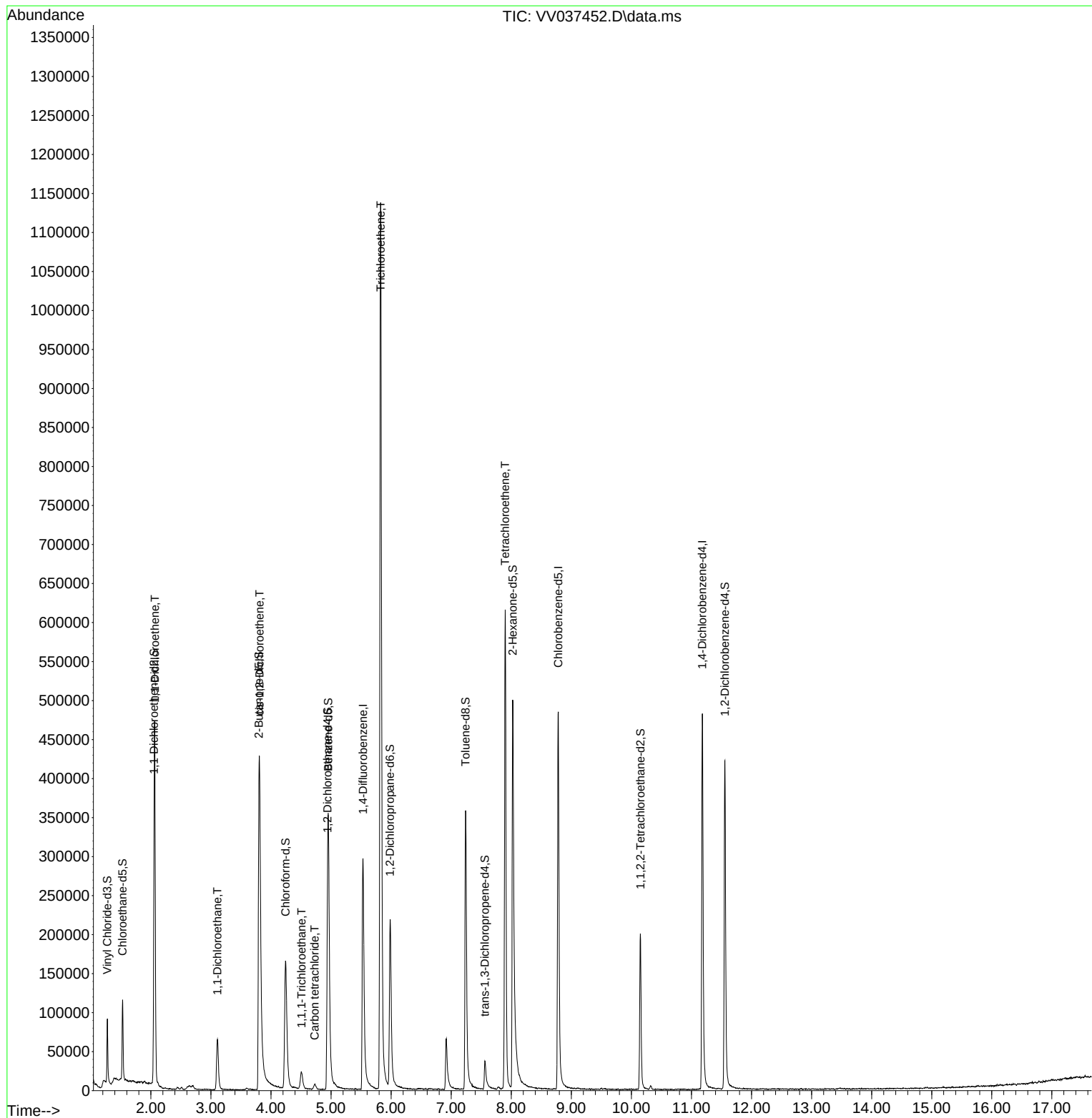
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	280202	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	294172	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	134091	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51507	3.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.529	69	66404	3.874	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.053	65	29836	3.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.200%
20) 2-Butanone-d5	3.799	46	260705	53.066	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.140%
24) Chloroform-d	4.243	84	187190	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	4.940	65	88162	4.718	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	4.953	84	327184	4.148	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	5.982	67	113365	4.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.239	98	266119	3.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.561	79	26850	3.328	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.024	63	203037	51.507	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.020%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	105303	5.268	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	11.558	152	116197	4.874	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	104522	5.323	ug/L	89
19) 1,1-Dichloroethane	3.108	63	68235	1.730	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	183505	8.216	ug/L	99
29) 1,1,1-Trichloroethane	4.510	97	19047	0.546	ug/L	98
31) Carbon tetrachloride	4.725	117	4839	0.163	ug/L	99
34) Trichloroethene	5.825	95	426561	17.859	ug/L	98
47) Tetrachloroethene	7.899	164	137925	8.068	ug/L	98

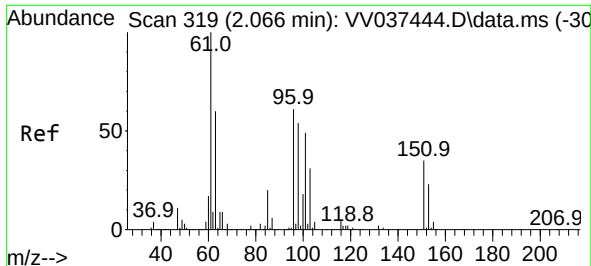
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 21 01:15:22 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.323 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

Instrument :

MSVOA_V

ClientSampleId :

C0B32

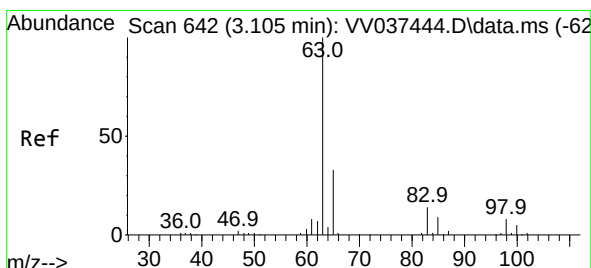
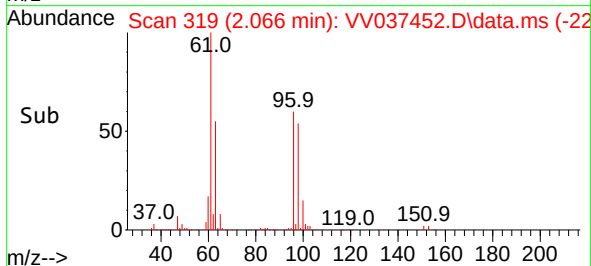
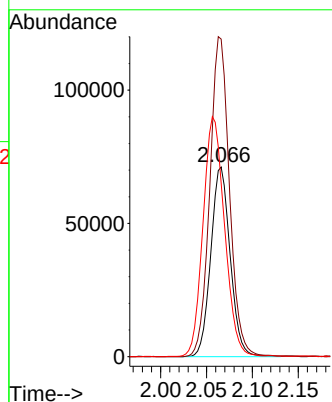
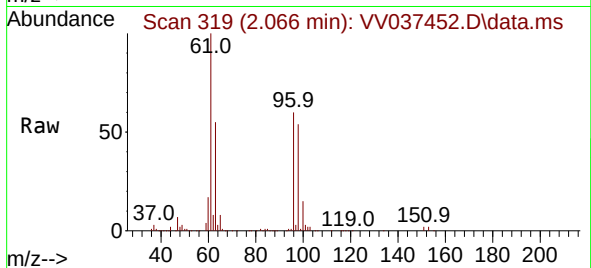
Tgt Ion: 96 Resp: 104522

Ion Ratio Lower Upper

96 100

61 167.6 119.9 222.7

63 91.6 81.4 151.2



#19

1,1-Dichloroethane

Concen: 1.730 ug/L

RT: 3.108 min Scan# 643

Delta R.T. 0.003 min

Lab File: VV037452.D

Acq: 21 Sep 2024 00:07

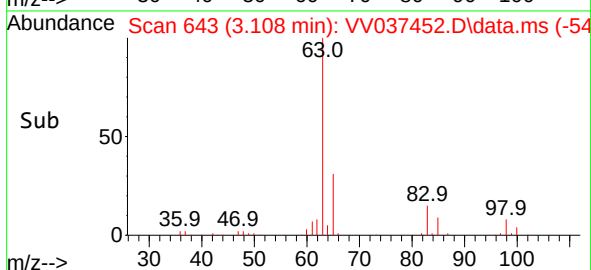
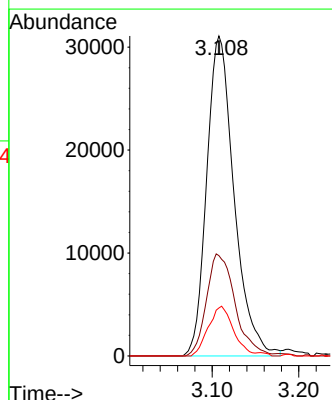
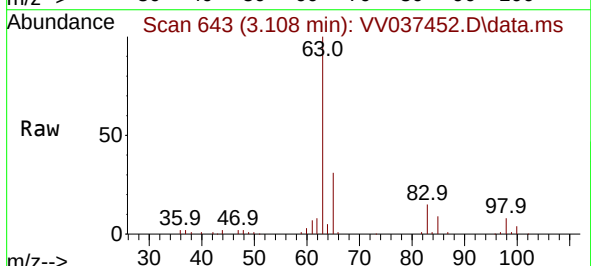
Tgt Ion: 63 Resp: 68235

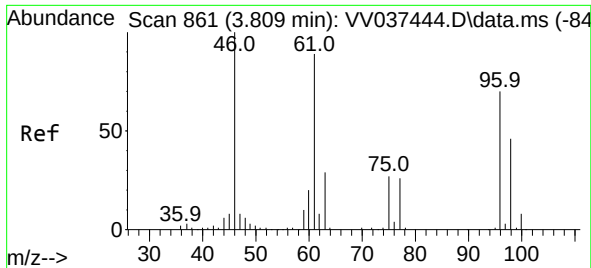
Ion Ratio Lower Upper

63 100

65 31.3 22.5 41.7

83 15.0 8.9 16.5



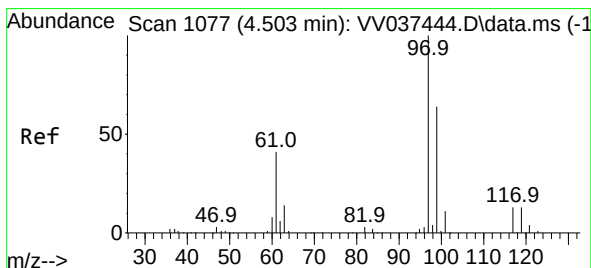
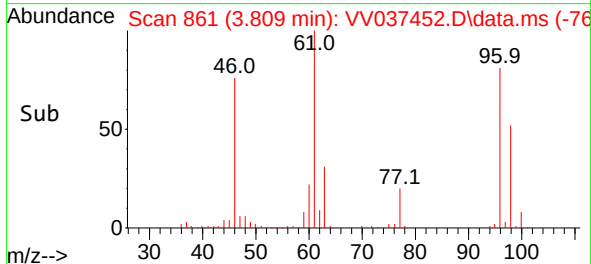
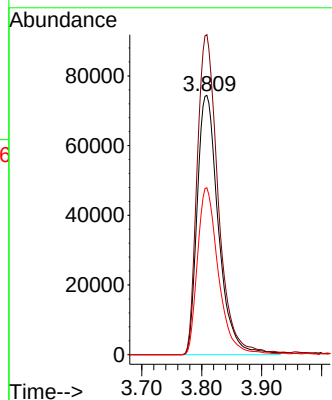
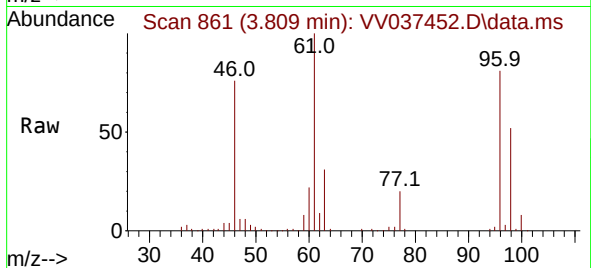


#22
 cis-1,2-Dichloroethene
 Concen: 8.216 ug/L
 RT: 3.809 min Scan# 861
 Delta R.T. -0.000 min
 Lab File: VV037452.D
 Acq: 21 Sep 2024 00:07

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B32

Tgt Ion: 96 Resp: 183505

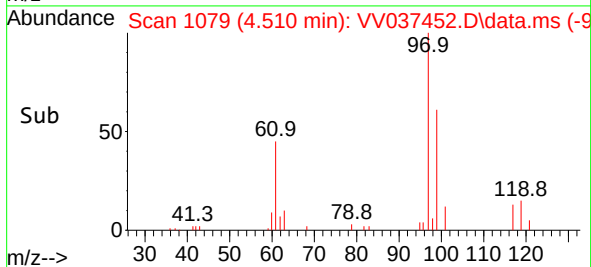
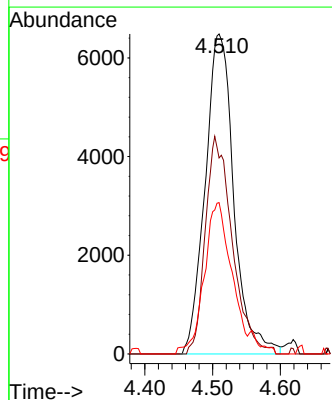
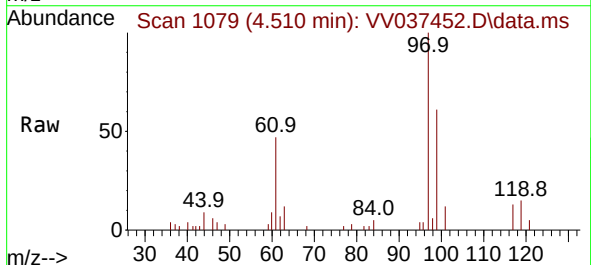
Ion	Ratio	Lower	Upper
96	100		
61	123.4	87.6	162.6
98	64.4	44.9	83.5

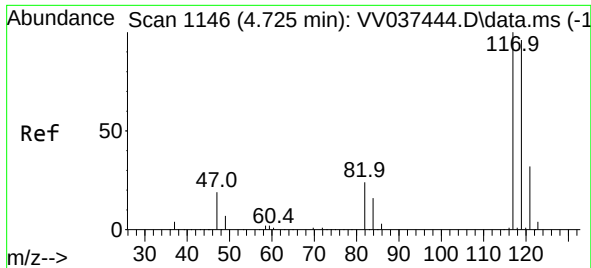


#29
 1,1,1-Trichloroethane
 Concen: 0.546 ug/L
 RT: 4.510 min Scan# 1079
 Delta R.T. 0.006 min
 Lab File: VV037452.D
 Acq: 21 Sep 2024 00:07

Tgt Ion: 97 Resp: 19047

Ion	Ratio	Lower	Upper
97	100		
99	63.7	50.0	75.0
61	44.6	34.3	51.5

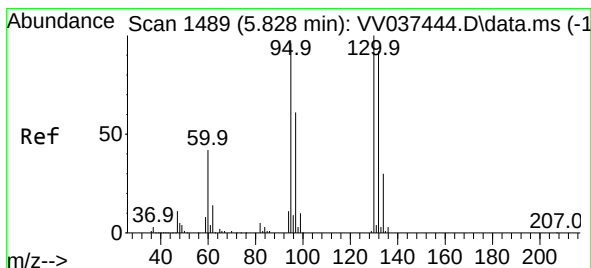
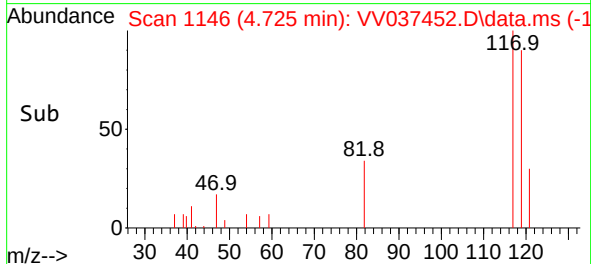
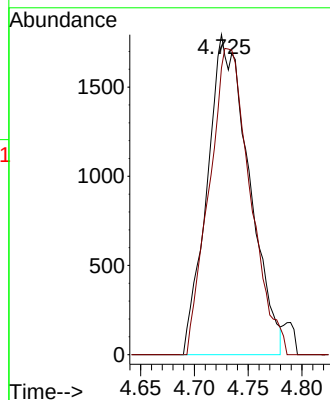
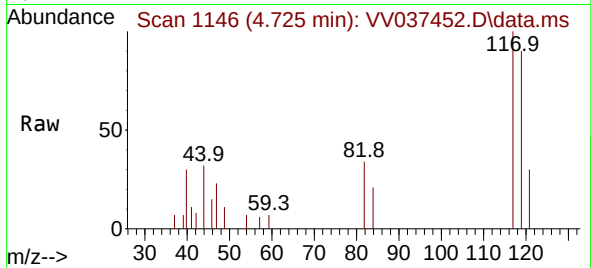




#31
Carbon tetrachloride
Concen: 0.163 ug/L
RT: 4.725 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VV037452.D
Acq: 21 Sep 2024 00:07

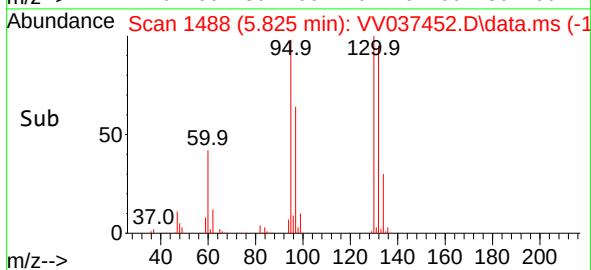
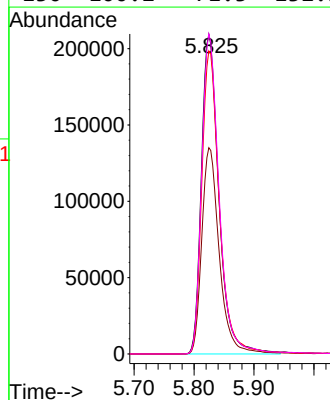
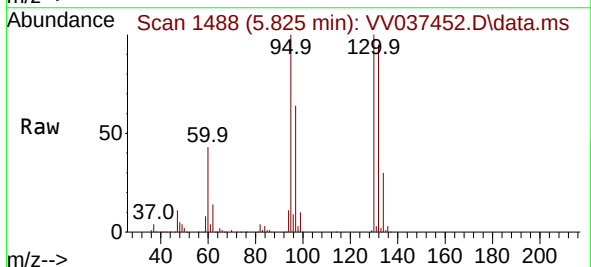
Instrument :
MSVOA_V
ClientSampleId :
C0B32

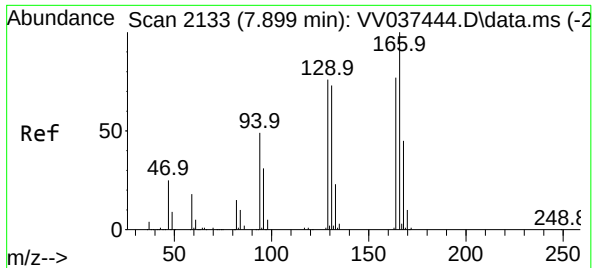
Tgt Ion:117 Resp: 4839
Ion Ratio Lower Upper
117 100
119 94.0 76.2 114.4



#34
Trichloroethene
Concen: 17.859 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV037452.D
Acq: 21 Sep 2024 00:07

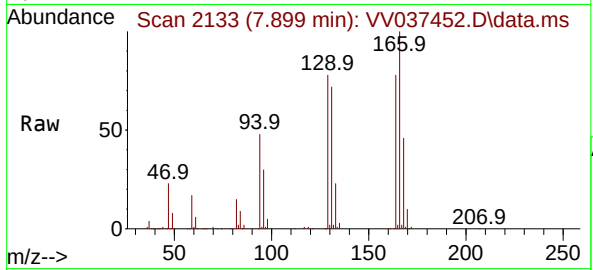
Tgt Ion: 95 Resp: 426561
Ion Ratio Lower Upper
95 100
97 64.5 46.5 86.5
132 94.9 65.5 121.7
130 100.2 71.3 132.3





#47
 Tetrachloroethene
 Concen: 8.068 ug/L
 RT: 7.899 min Scan# 2133
 Delta R.T. -0.000 min
 Lab File: VV037452.D
 Acq: 21 Sep 2024 00:07

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B32



Tgt Ion:	164	Resp:	137925
Ion	Ratio	Lower	Upper
164	100		
129	99.9	69.2	128.4
131	92.4	66.6	123.8
166	128.7	88.8	165.0

