

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037450.D
 Acq On : 20 Sep 2024 23:18
 Operator : SY/MD
 Sample : P4107-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B23

Quant Time: Sep 21 04:53:04 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)

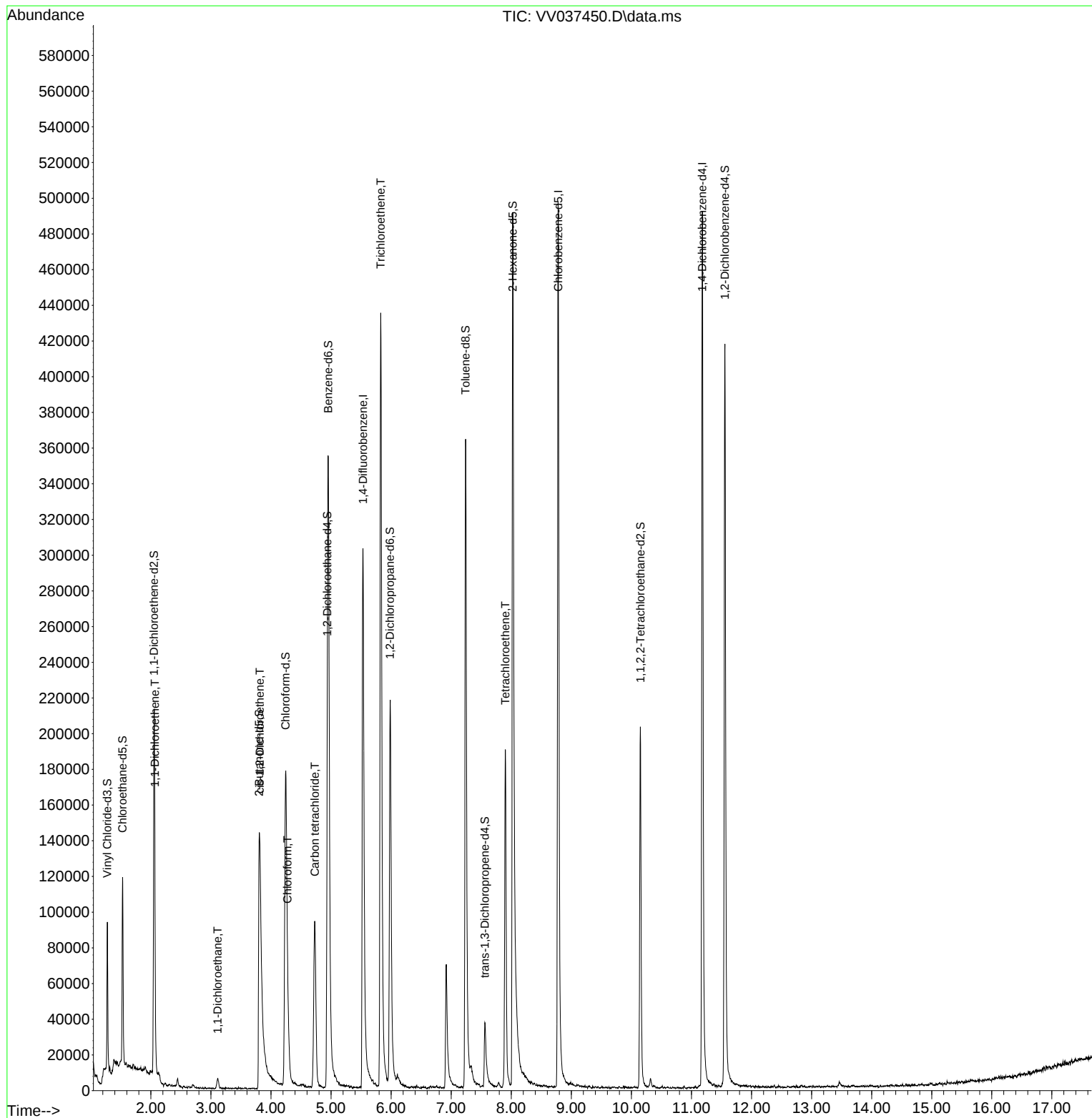
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	293339	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	301782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	137937	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51782	3.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.529	69	68078	3.794	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.053	65	30248	3.403	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.802	46	249060	48.426	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.860%
24) Chloroform-d	4.243	84	189681	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
26) 1,2-Dichloroethane-d4	4.937	65	93331	4.770	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	4.953	84	332020	4.103	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	5.982	67	116126	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.400%
41) Toluene-d8	7.239	98	269732	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.561	79	28002	3.383	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.600%
46) 2-Hexanone-d5	8.024	63	200384	49.552	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	102452	4.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.557	152	117453	4.789	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.066	96	14804	0.720	ug/L	# 1
19) 1,1-Dichloroethane	3.114	63	5971	0.145	ug/L	96
22) cis-1,2-Dichloroethene	3.812	96	17702	0.757	ug/L	97
25) Chloroform	4.275	83	45291	1.089	ug/L	96
31) Carbon tetrachloride	4.728	117	74167	2.435	ug/L	98
34) Trichloroethene	5.828	95	168896	6.893	ug/L	98
47) Tetrachloroethene	7.902	164	44771	2.553	ug/L	97

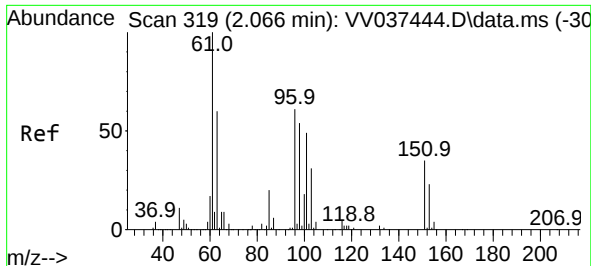
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 21 01:15:22 2024
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#12

1,1-Dichloroethene

Concen: 0.720 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.000 min

Lab File: VV037450.D

Acq: 20 Sep 2024 23:18

Instrument :

MSVOA_V

ClientSampleId :

C0B23

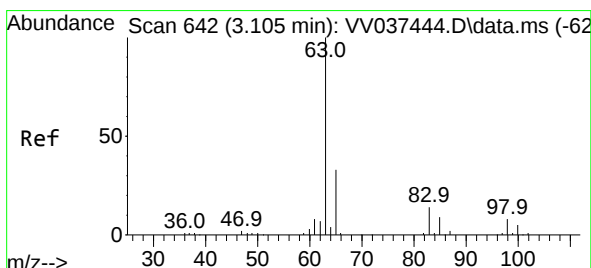
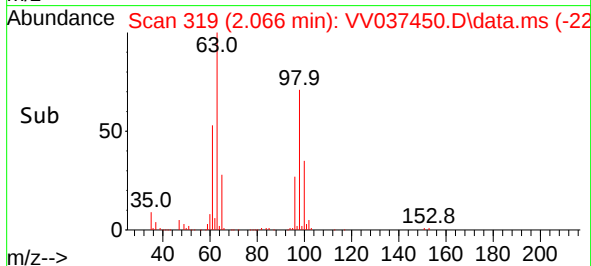
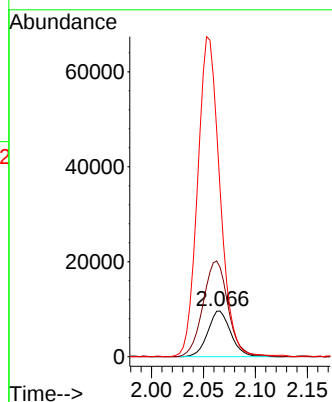
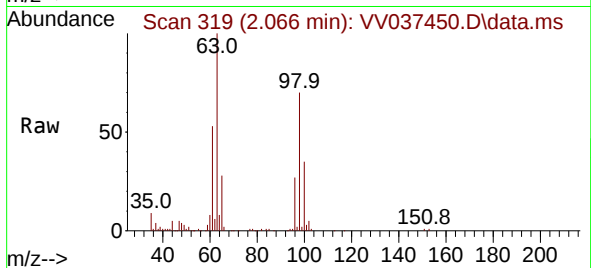
Tgt Ion: 96 Resp: 14804

Ion Ratio Lower Upper

96 100

61 196.3 119.9 222.7

63 368.8 81.4 151.2#



#19

1,1-Dichloroethane

Concen: 0.145 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.010 min

Lab File: VV037450.D

Acq: 20 Sep 2024 23:18

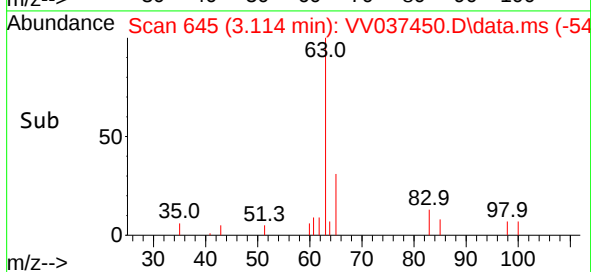
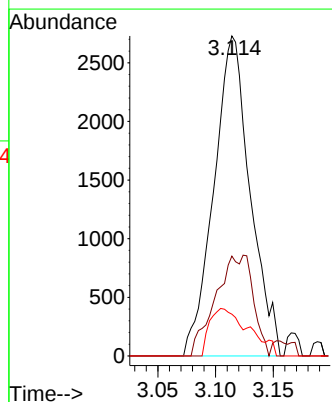
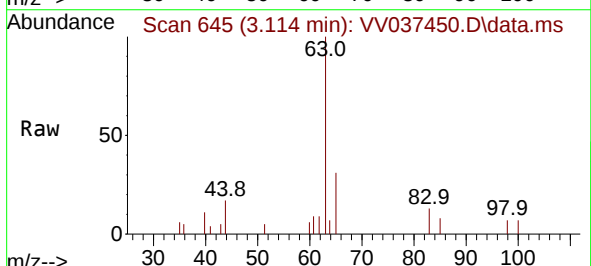
Tgt Ion: 63 Resp: 5971

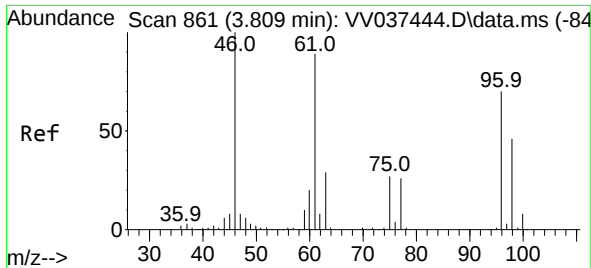
Ion Ratio Lower Upper

63 100

65 29.0 22.5 41.7

83 12.1 8.9 16.5

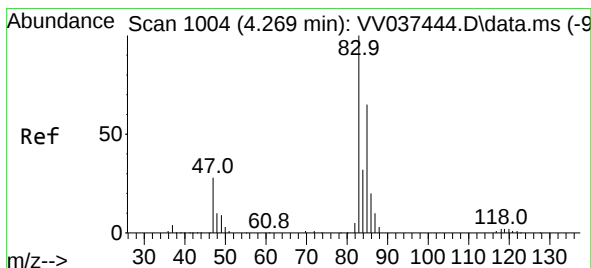
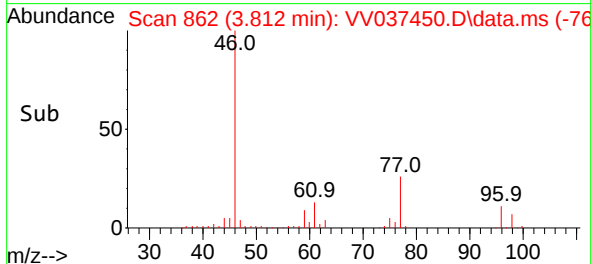
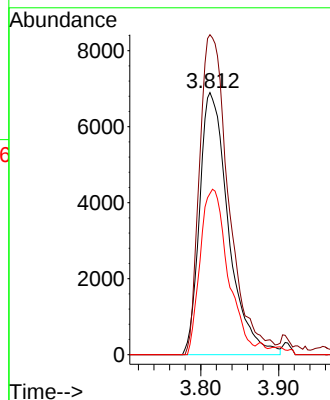
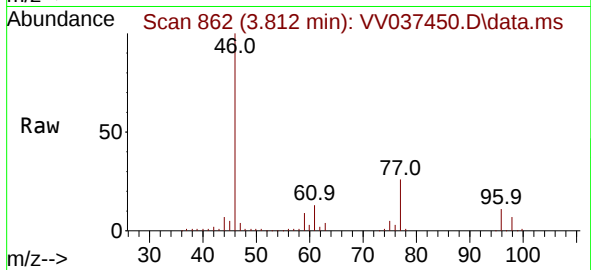




#22
 cis-1,2-Dichloroethene
 Concen: 0.757 ug/L
 RT: 3.812 min Scan# 861
 Delta R.T. 0.003 min
 Lab File: VV037450.D
 Acq: 20 Sep 2024 23:18

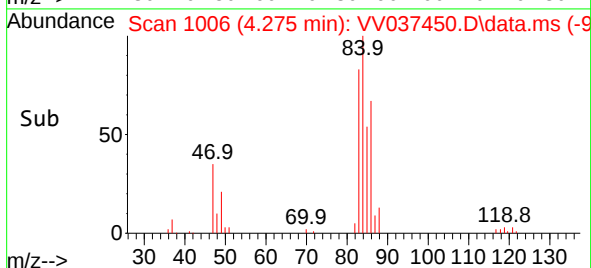
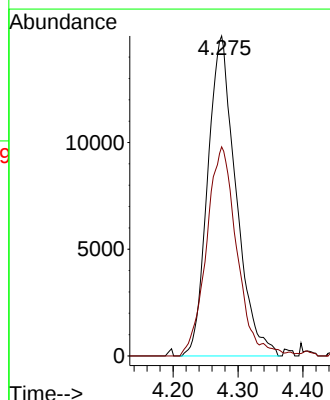
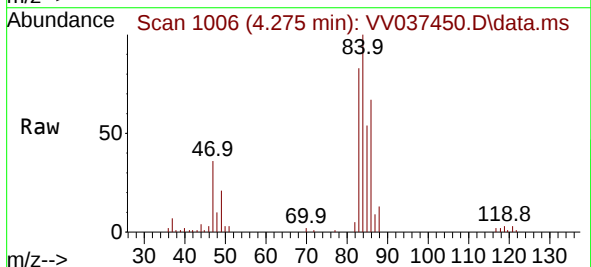
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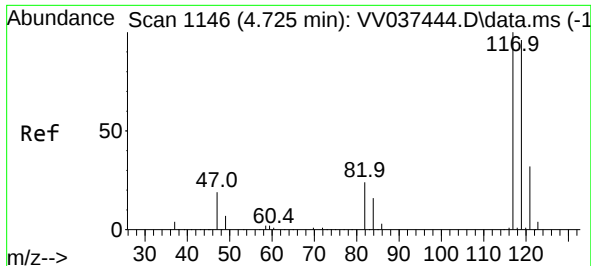
Tgt Ion: 96 Resp: 17702
 Ion Ratio Lower Upper
 96 100
 61 122.1 87.6 162.6
 98 61.5 44.9 83.5



#25
 Chloroform
 Concen: 1.089 ug/L
 RT: 4.275 min Scan# 1006
 Delta R.T. 0.006 min
 Lab File: VV037450.D
 Acq: 20 Sep 2024 23:18

Tgt Ion: 83 Resp: 45291
 Ion Ratio Lower Upper
 83 100
 85 65.3 43.8 81.4

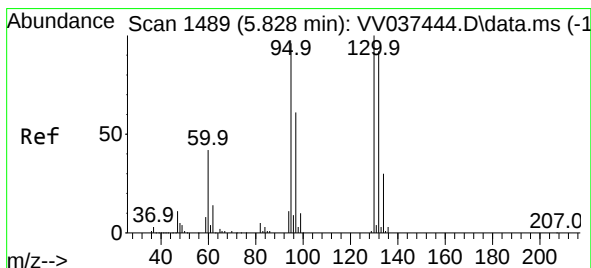
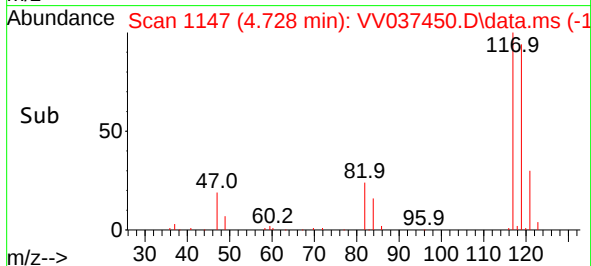
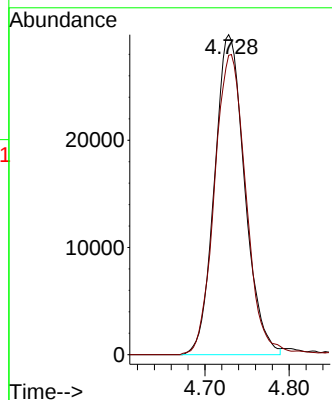
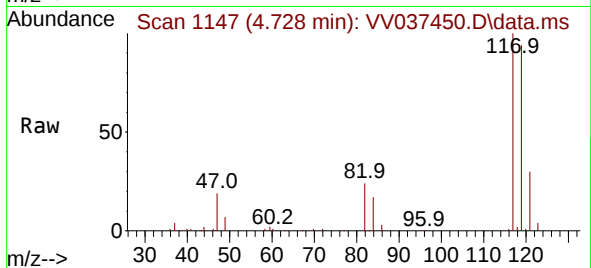




#31
Carbon tetrachloride
Concen: 2.435 ug/L
RT: 4.728 min Scan# 1146
Delta R.T. 0.003 min
Lab File: VV037450.D
Acq: 20 Sep 2024 23:18

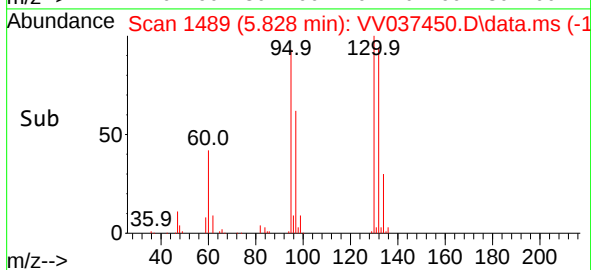
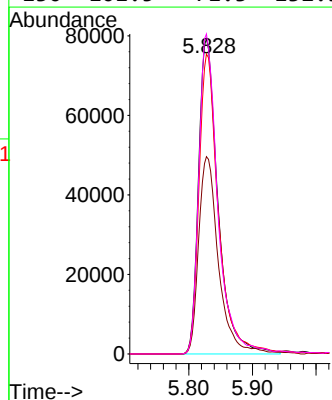
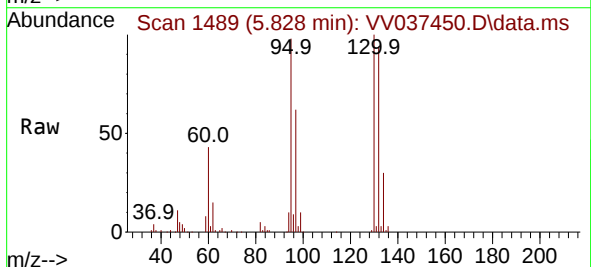
Instrument :
MSVOA_V
ClientSampleId :
C0B23

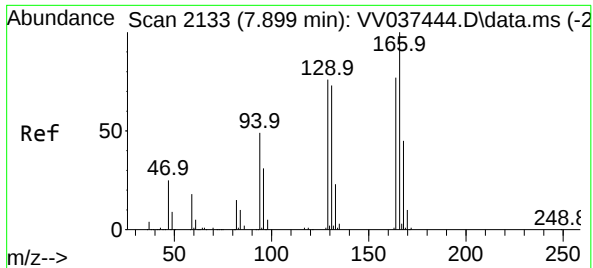
Tgt Ion:117 Resp: 74167
Ion Ratio Lower Upper
117 100
119 97.7 76.2 114.4



#34
Trichloroethene
Concen: 6.893 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV037450.D
Acq: 20 Sep 2024 23:18

Tgt Ion: 95 Resp: 168896
Ion Ratio Lower Upper
95 100
97 62.6 46.5 86.5
132 95.2 65.5 121.7
130 101.5 71.3 132.3





#47
 Tetrachloroethene
 Concen: 2.553 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV037450.D
 Acq: 20 Sep 2024 23:18

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B23

Tgt Ion:164	Resp:	44771
Ion	Ratio	Lower Upper
164	100	
129	93.8	69.2 128.4
131	96.4	66.6 123.8
166	124.9	88.8 165.0

