

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037614.D
 Acq On : 27 Sep 2024 18:08
 Operator : SY/MD
 Sample : P4184-17DL 4X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

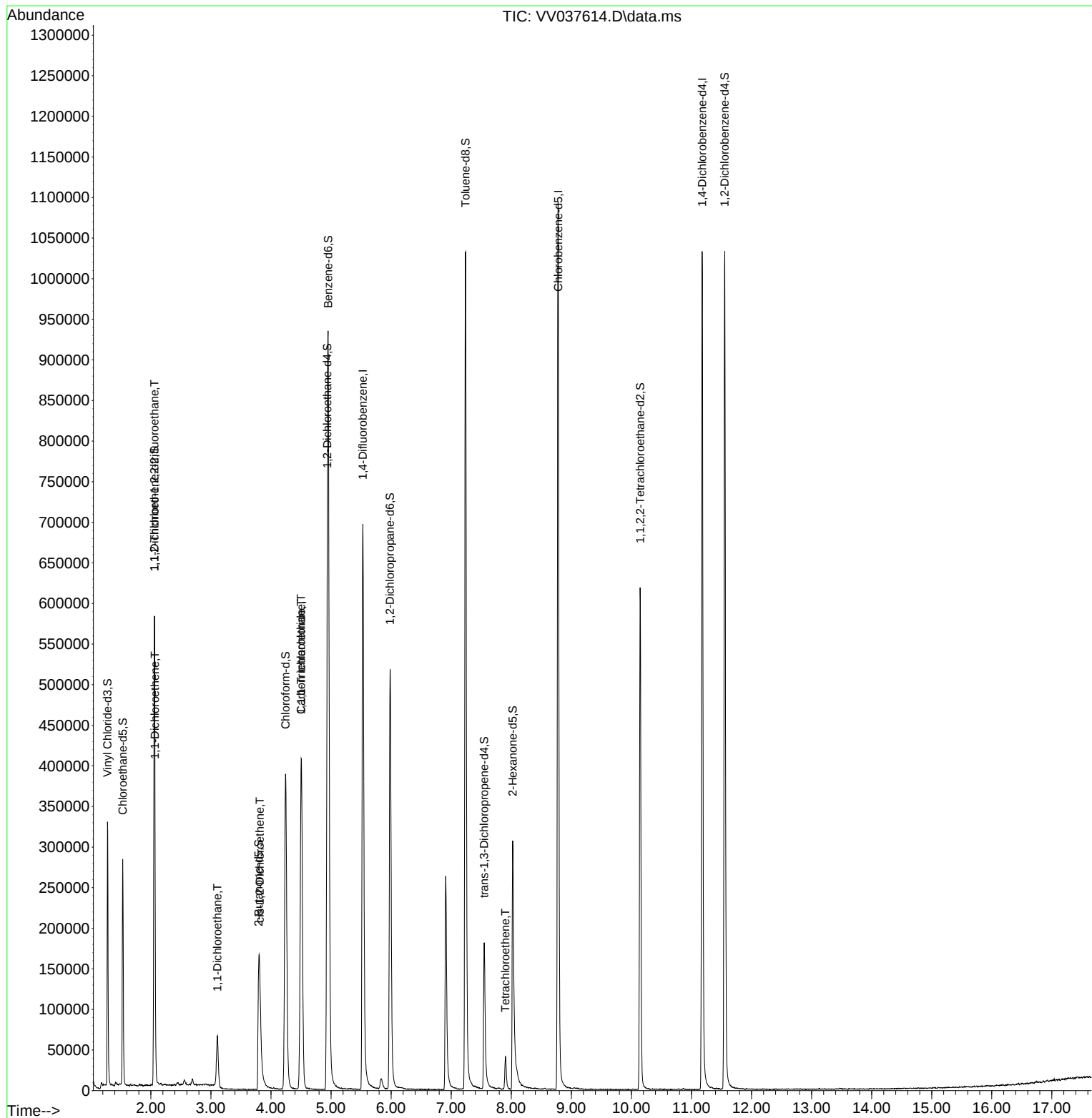
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	619096	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	605021	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	275139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	215652	39.681	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.360%
7) Chloroethane-d5	1.532	69	181758	43.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.180%
11) 1,1-Dichloroethene-d2	2.060	65	95551	42.083	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.160%
21) 2-Butanone-d5	3.793	46	170942	88.309	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.310%
24) Chloroform-d	4.243	84	423460	43.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.937	65	253742	44.835	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.660%
32) Benzene-d6	4.953	84	822230	43.430	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
36) 1,2-Dichloropropane-d6	5.982	67	263106	43.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.280%
41) Toluene-d8	7.239	98	710001	41.358	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.720%
43) trans-1,3-Dichloroprop...	7.548	79	111738	39.899	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.800%
47) 2-Hexanone-d5	8.024	63	106561	83.709	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.710%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	303835	43.375	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.760%
66) 1,2-Dichlorobenzene-d4	11.554	152	274253	47.303	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3290	0.746	ug/L #	23
12) 1,1-Dichloroethene	2.069	96	7881	1.912	ug/L #	1
19) 1,1-Dichloroethane	3.108	63	60395	7.229	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	45817	9.390	ug/L	95
30) 1,1,1-Trichloroethane	4.503	97	343302	46.071	ug/L	99
31) Carbon tetrachloride	4.503	117	44685	6.897	ug/L	99
46) Tetrachloroethene	7.902	164	9175	2.470	ug/L	98

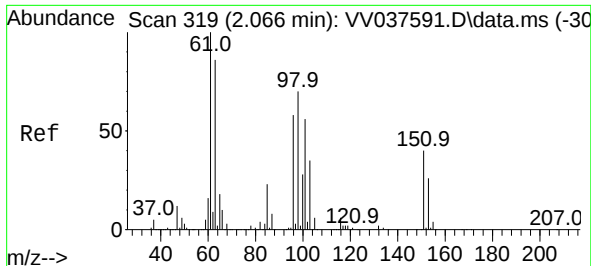
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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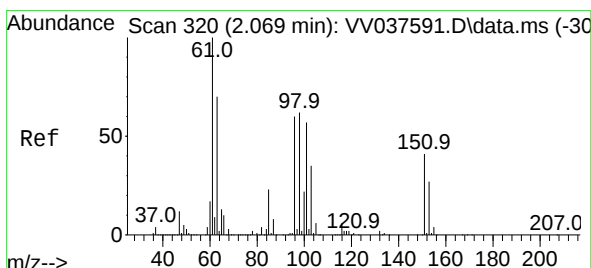
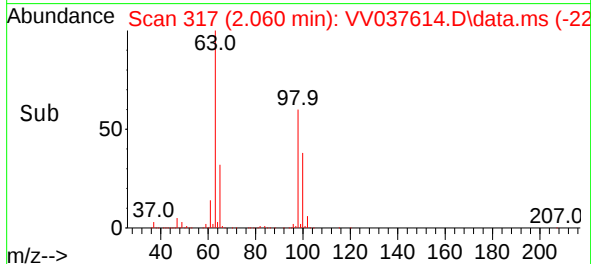
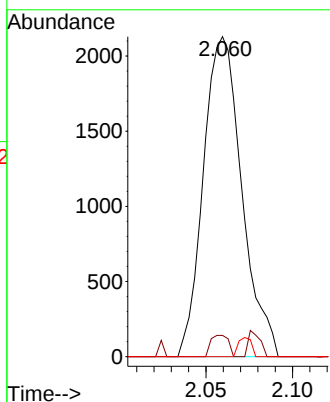
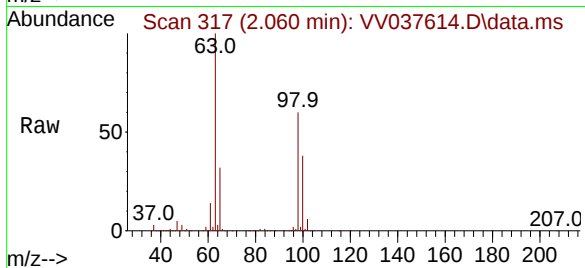




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.746 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.006 min
Lab File: VV037614.D
Acq: 27 Sep 2024 18:08

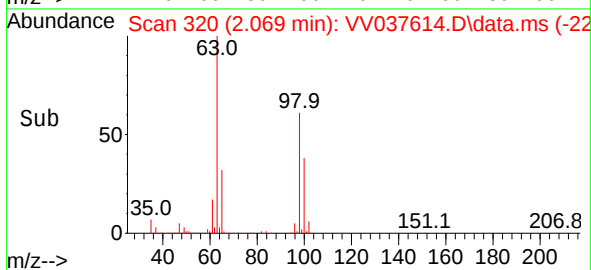
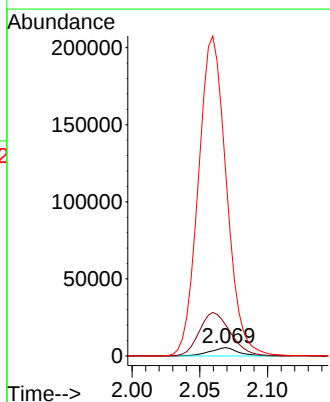
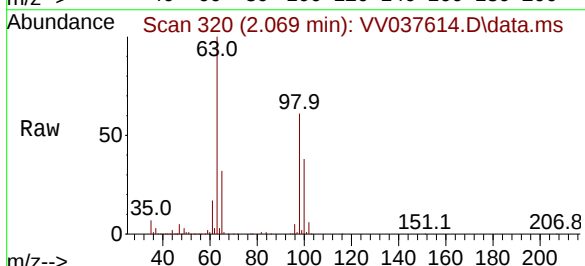
Instrument :
MSVOA_V
ClientSampleId :

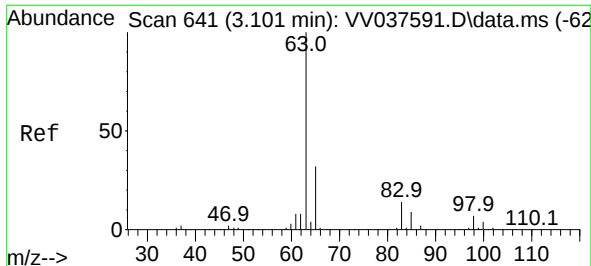
Tgt Ion:101 Resp: 3290
Ion Ratio Lower Upper
101 100
85 3.1 34.6 52.0#
151 0.0 57.5 86.3#



#12
1,1-Dichloroethene
Concen: 1.912 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037614.D
Acq: 27 Sep 2024 18:08

Tgt Ion: 96 Resp: 7881
Ion Ratio Lower Upper
96 100
61 367.6 122.6 227.6#
63 2173.1 118.0 219.2#

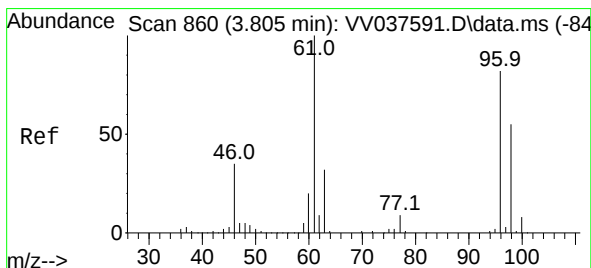
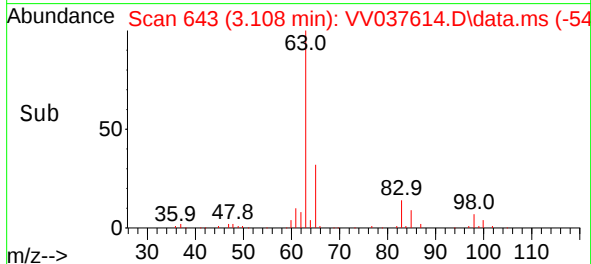
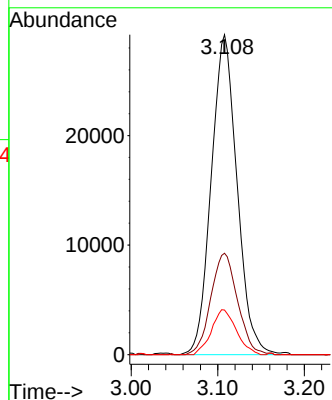
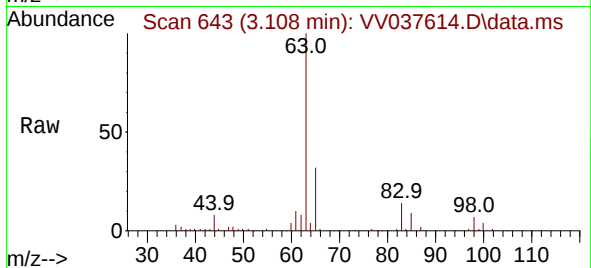




#19
1,1-Dichloroethane
Concen: 7.229 ug/L
RT: 3.108 min Scan# 641
Delta R.T. 0.006 min
Lab File: VV037614.D
Acq: 27 Sep 2024 18:08

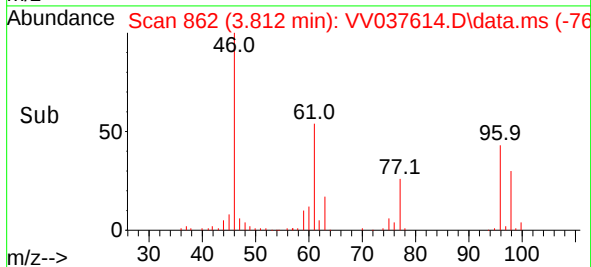
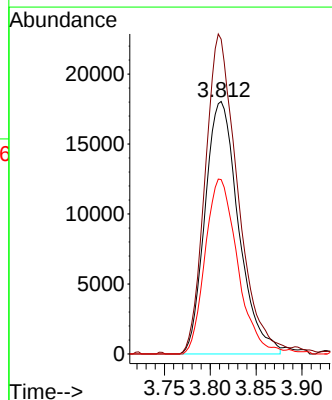
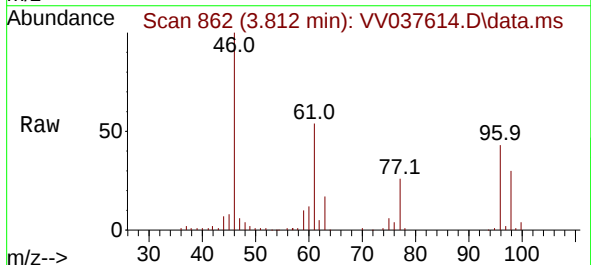
Instrument :
MSVOA_V
ClientSampleId :

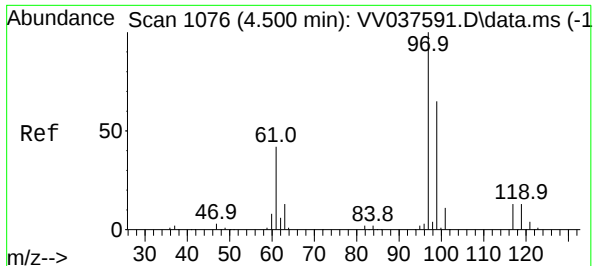
Tgt Ion: 63 Resp: 60395
Ion Ratio Lower Upper
63 100
65 31.7 22.4 41.6
83 14.0 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 9.390 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037614.D
Acq: 27 Sep 2024 18:08

Tgt Ion: 96 Resp: 45817
Ion Ratio Lower Upper
96 100
61 124.7 85.0 157.8
98 69.1 44.2 82.0





#30

1,1,1-Trichloroethane

Concen: 46.071 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037614.D

Acq: 27 Sep 2024 18:08

Instrument :

MSVOA_V

ClientSampleId :

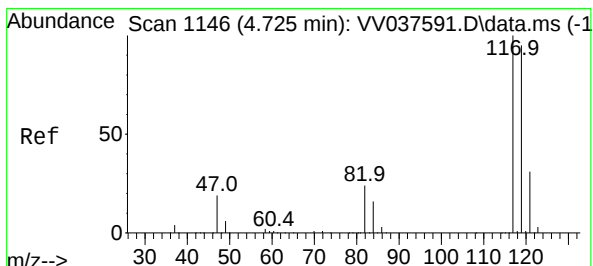
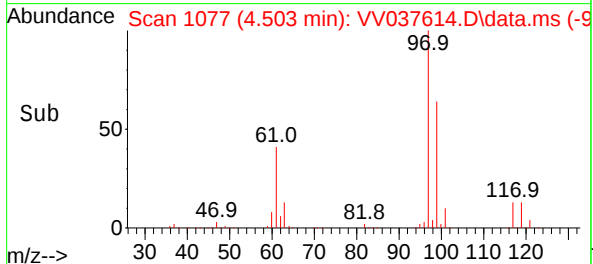
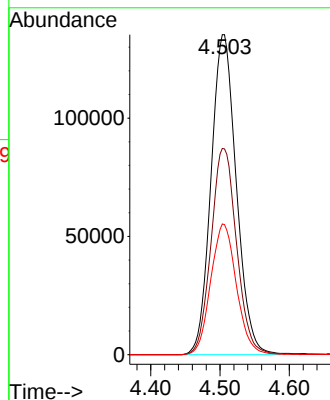
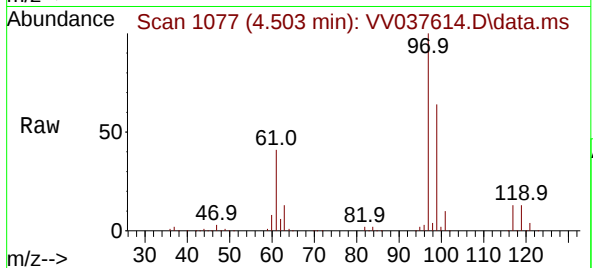
Tgt Ion: 97 Resp: 343302

Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.6

61 41.5 33.6 50.4



#31

Carbon tetrachloride

Concen: 6.897 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.222 min

Lab File: VV037614.D

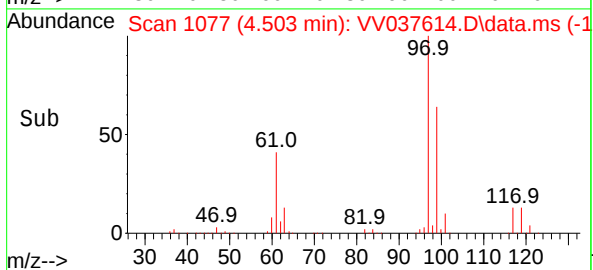
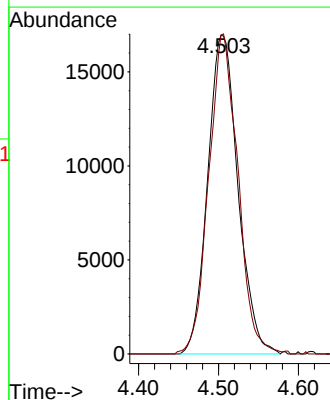
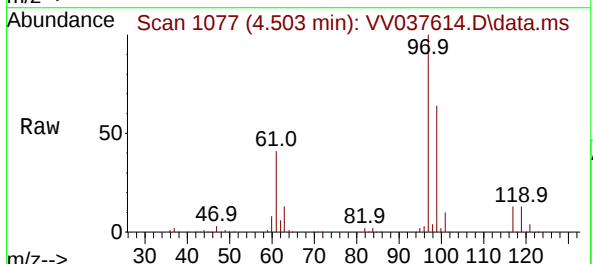
Acq: 27 Sep 2024 18:08

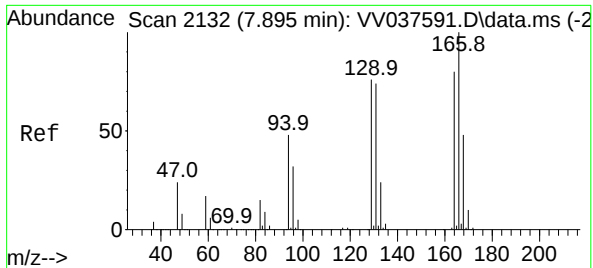
Tgt Ion: 117 Resp: 44685

Ion Ratio Lower Upper

117 100

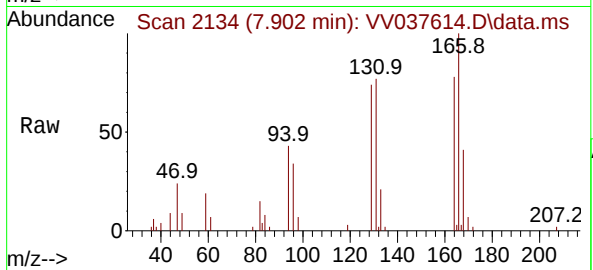
119 96.6 76.9 115.3





#46
 Tetrachloroethene
 Concen: 2.470 ug/L
 RT: 7.902 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV037614.D
 Acq: 27 Sep 2024 18:08

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	9175
Ion	Ratio	Lower	Upper
164	100		
129	95.8	68.2	126.6
131	98.9	66.1	122.8
166	128.6	91.1	169.1

