

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037602.D
 Acq On : 27 Sep 2024 13:49
 Operator : SY/MD
 Sample : P4184-09
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:49:11 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)

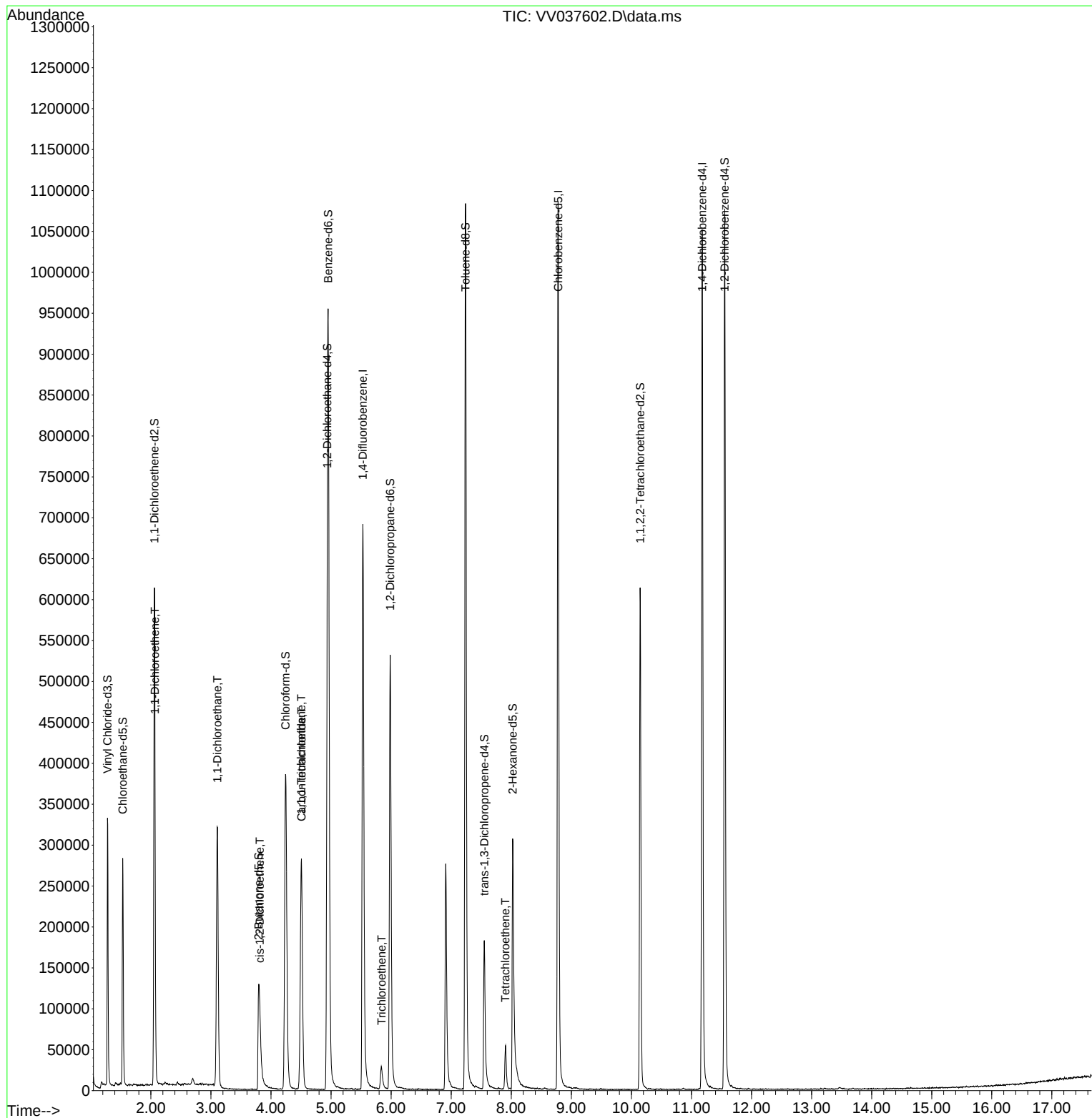
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	618708	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	600707	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	272576	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	219813	40.472	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.940%
7) Chloroethane-d5	1.532	69	180964	42.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.860%
11) 1,1-Dichloroethene-d2	2.059	65	97112	42.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.600%
21) 2-Butanone-d5	3.796	46	164002	84.777	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.780%
24) Chloroform-d	4.243	84	422991	43.775	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.540%
26) 1,2-Dichloroethane-d4	4.937	65	254239	44.951	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.900%
32) Benzene-d6	4.953	84	835174	44.431	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.860%
36) 1,2-Dichloropropane-d6	5.985	67	267876	44.753	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.500%
41) Toluene-d8	7.239	98	739411	43.380	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.760%
43) trans-1,3-Dichloroprop...	7.551	79	113603	40.856	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.720%
47) 2-Hexanone-d5	8.024	63	106760	84.467	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.470%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	302583	43.507	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.020%
66) 1,2-Dichlorobenzene-d4	11.554	152	279045	48.583	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.160%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	15401	3.739	ug/L	# 1
19) 1,1-Dichloroethane	3.108	63	313429	37.541	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	20905	4.287	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	235496	31.830	ug/L	99
31) Carbon tetrachloride	4.510	117	30356	4.719	ug/L	97
34) Trichloroethene	5.844	95	8318	1.724	ug/L	89
46) Tetrachloroethene	7.902	164	12670	3.435	ug/L	88

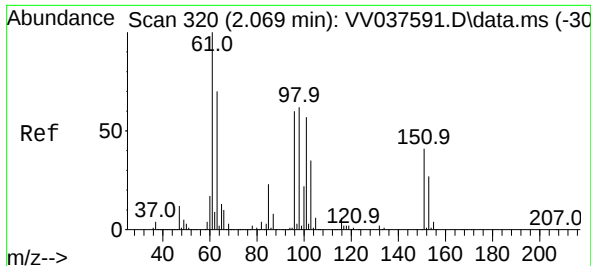
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.739 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

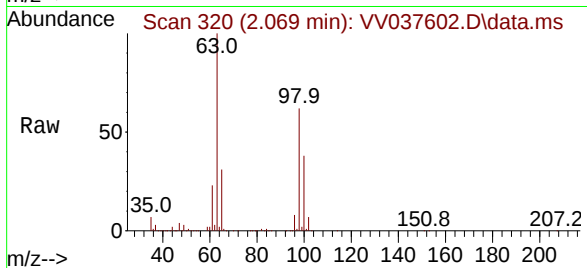
Lab File: VV037602.D

Acq: 27 Sep 2024 13:49

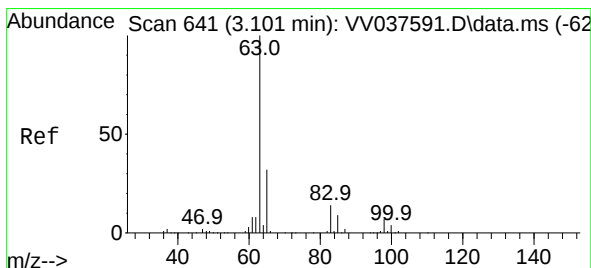
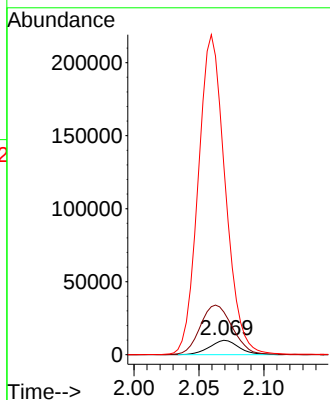
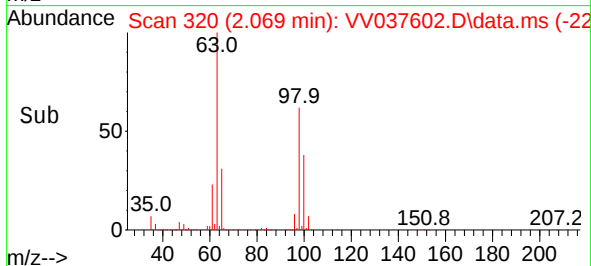
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	15401
Ion	Ratio	Lower	Upper
96	100		
61	297.3	122.6	227.6#
63	1321.0	118.0	219.2#



#19

1,1-Dichloroethane

Concen: 37.541 ug/L

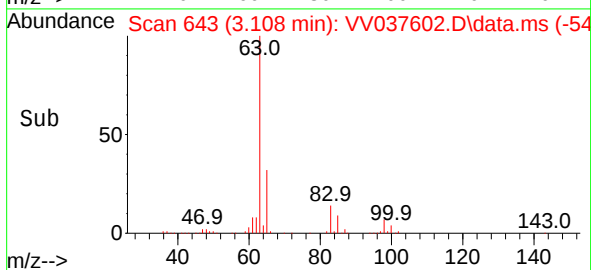
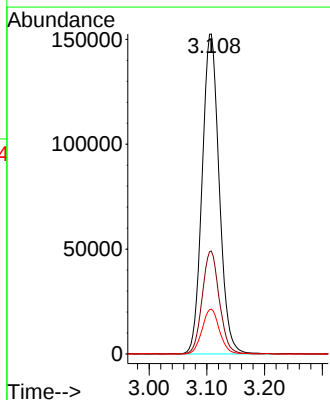
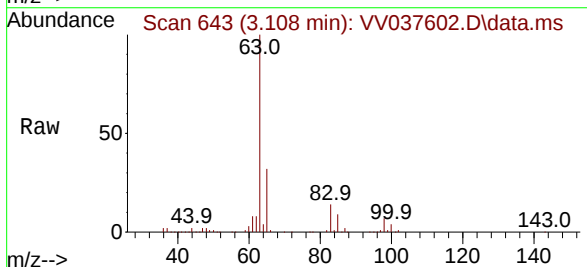
RT: 3.108 min Scan# 643

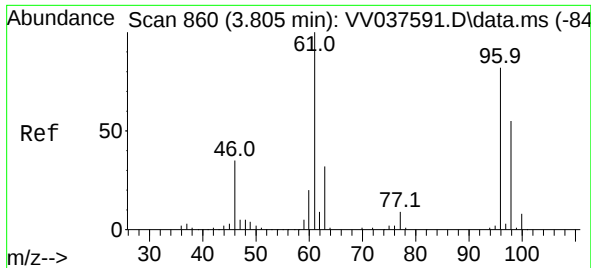
Delta R.T. 0.006 min

Lab File: VV037602.D

Acq: 27 Sep 2024 13:49

Tgt Ion:	63	Resp:	313429
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.4	41.6
83	14.0	9.5	17.7





#20

cis-1,2-Dichloroethene

Concen: 4.287 ug/L

RT: 3.815 min Scan# 80

Delta R.T. 0.010 min

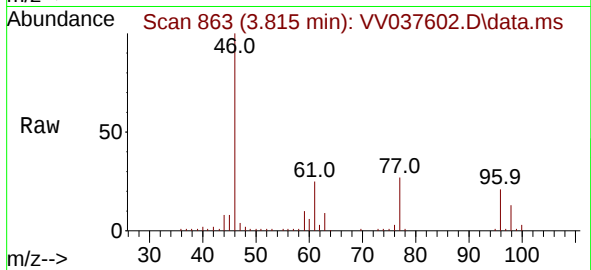
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Instrument :

MSVOA_V

ClientSampleId :



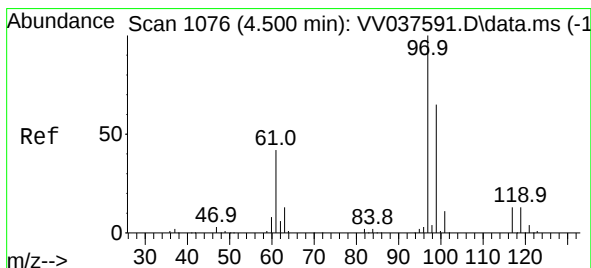
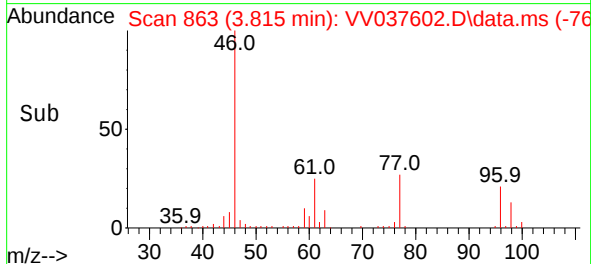
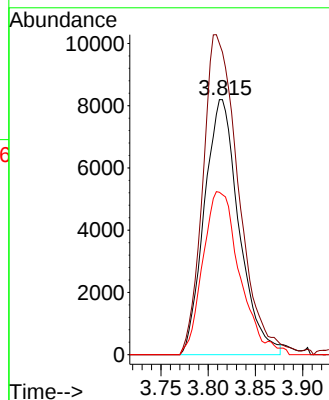
Tgt Ion: 96 Resp: 20905

Ion Ratio Lower Upper

96 100

61 118.6 85.0 157.8

98 62.7 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 31.830 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VV037602.D

Acq: 27 Sep 2024 13:49

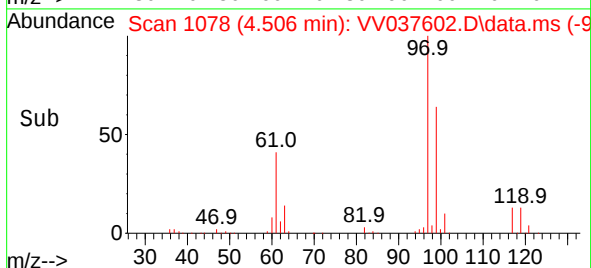
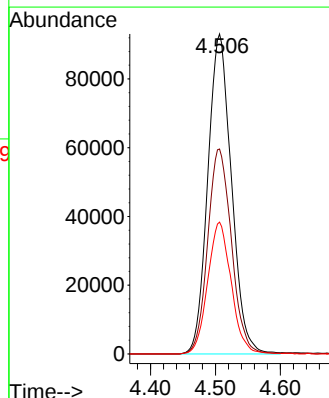
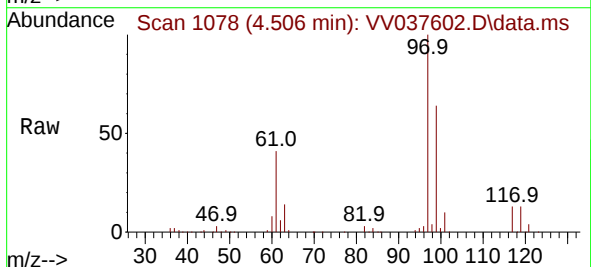
Tgt Ion: 97 Resp: 235496

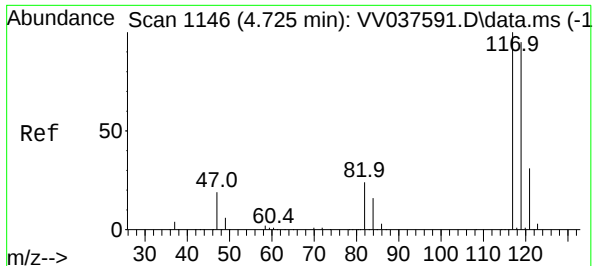
Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 40.9 33.6 50.4

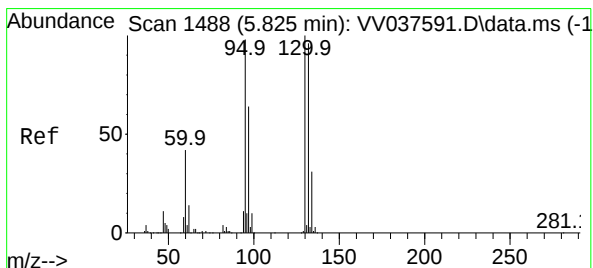
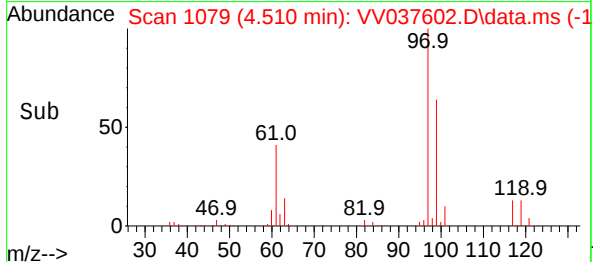
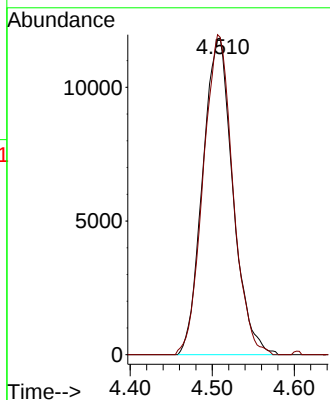
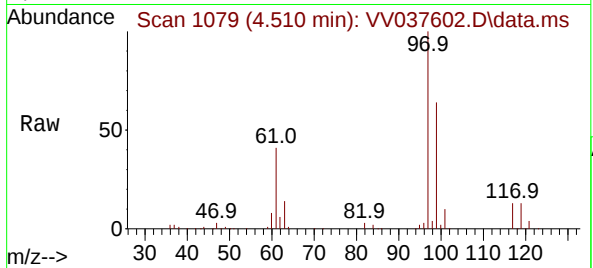




#31
Carbon tetrachloride
Concen: 4.719 ug/L
RT: 4.510 min Scan# 1146
Delta R.T. -0.215 min
Lab File: VV037602.D
Acq: 27 Sep 2024 13:49

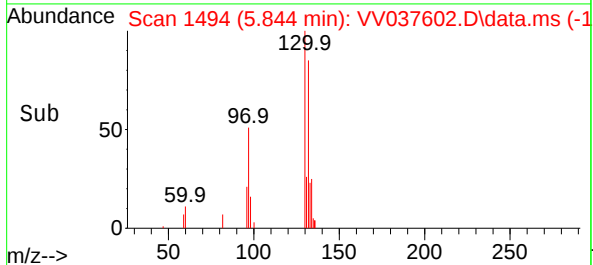
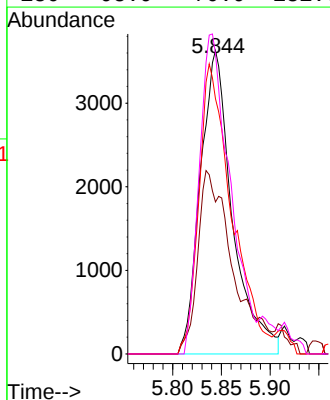
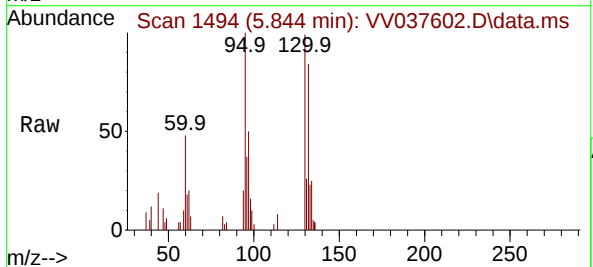
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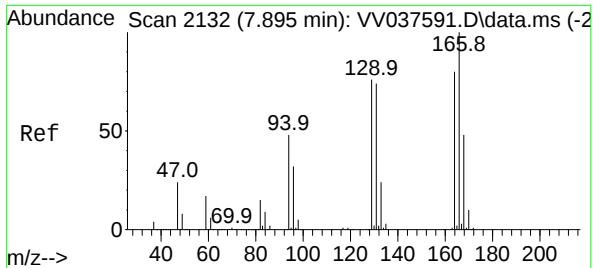
Tgt Ion:117 Resp: 30356
Ion Ratio Lower Upper
117 100
119 98.9 76.9 115.3



#34
Trichloroethene
Concen: 1.724 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.019 min
Lab File: VV037602.D
Acq: 27 Sep 2024 13:49

Tgt Ion: 95 Resp: 8318
Ion Ratio Lower Upper
95 100
97 50.1 46.3 85.9
132 84.1 68.6 127.4
130 98.9 70.9 131.7





#46

Tetrachloroethene

Concen: 3.435 ug/L

RT: 7.902 min Scan# 21

Delta R.T. 0.006 min

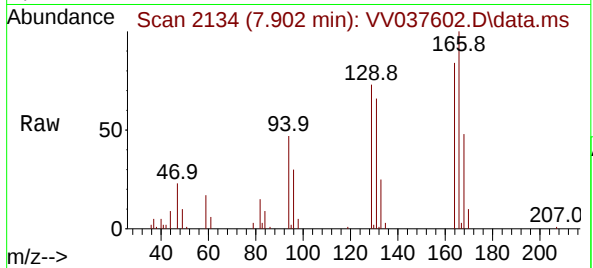
Lab File: VV037602.D

Acq: 27 Sep 2024 13:49

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 12670

Ion Ratio Lower Upper

164 100

129 86.2 68.2 126.6

131 78.9 66.1 122.8

166 118.7 91.1 169.1

