

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037563.D
 Acq On : 26 Sep 2024 20:48
 Operator : SY/MD
 Sample : P4184-11
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

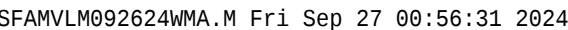
Quant Time: Sep 27 00:56:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

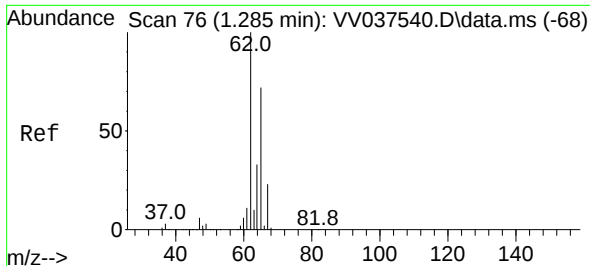
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	700927	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	667076	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	317780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	271376	44.105	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.200%		
7) Chloroethane-d5	1.532	69	208979	43.756	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.520%		
11) 1,1-Dichloroethene-d2	2.059	65	115548	44.949	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.900%		
21) 2-Butanone-d5	3.793	46	209096	95.408	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.410%		
24) Chloroform-d	4.243	84	468977	42.841	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.680%		
26) 1,2-Dichloroethane-d4	4.937	65	286131	44.655	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.320%		
32) Benzene-d6	4.953	84	945962	45.317	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.640%		
36) 1,2-Dichloropropane-d6	5.985	67	300626	45.228	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.460%		
41) Toluene-d8	7.236	98	834474	44.087	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.180%		
43) trans-1,3-Dichloroprop...	7.548	79	127871	41.412	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.820%		
47) 2-Hexanone-d5	8.024	63	128754	91.734	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.730%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	344569	44.614	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.220%		
66) 1,2-Dichlorobenzene-d4	11.554	152	313103	46.758	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.520%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	15776	2.540	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	3743	0.749	ug/L #	24
12) 1,1-Dichloroethene	2.069	96	13001	2.786	ug/L #	1
19) 1,1-Dichloroethane	3.104	63	643664	68.052	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	230405	41.707	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	177171	21.564	ug/L	99
31) Carbon tetrachloride	4.510	117	22791	3.191	ug/L	94
34) Trichloroethene	5.844	95	8502	1.587	ug/L	87
46) Tetrachloroethene	7.905	164	16615	4.056	ug/L	97
63) 1,2,4-Trimethylbenzene	10.853	105	13523	0.832	ug/L	95

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

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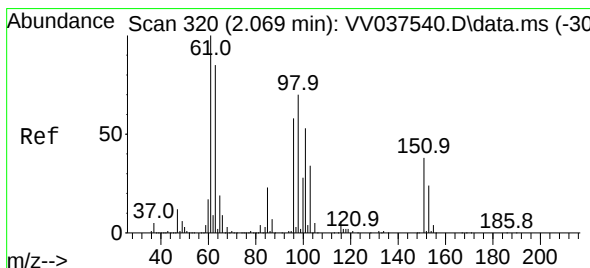
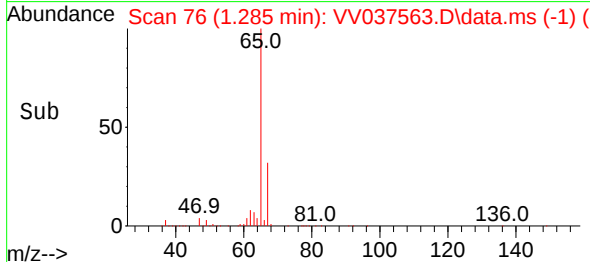
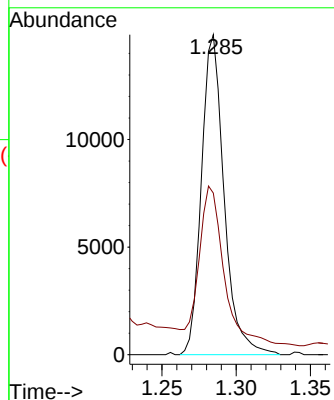
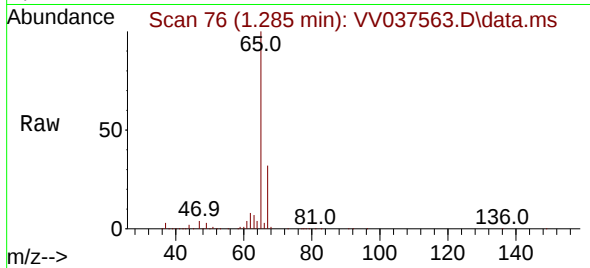




#5
 Vinyl chloride
 Concen: 2.540 ug/L
 RT: 1.285 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VV037563.D
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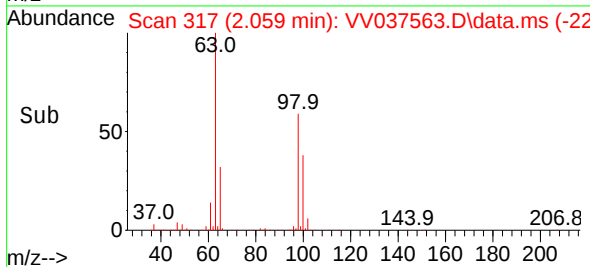
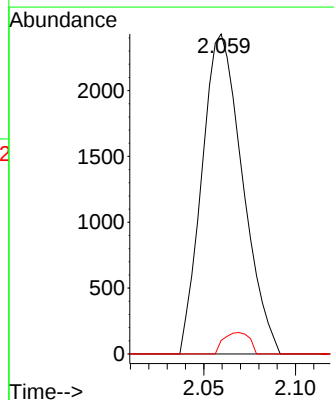
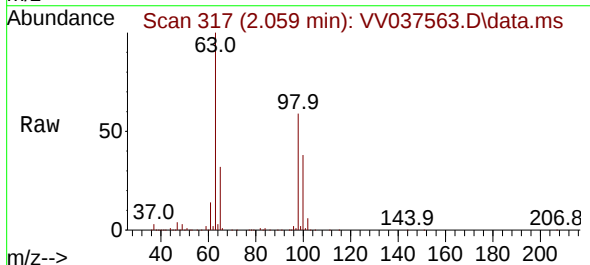
Instrument :
 MSVOA_V
 ClientSampleId :

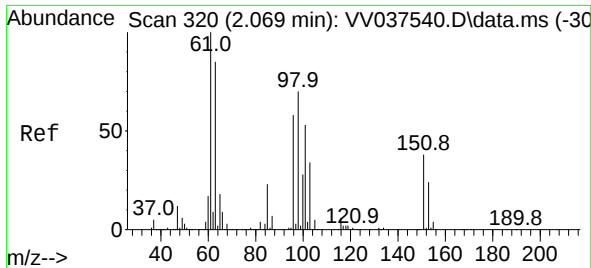
Tgt Ion: 62 Resp: 15776
 Ion Ratio Lower Upper
 62 100
 64 50.5 23.2 43.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.749 ug/L
 RT: 2.059 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV037563.D
 Acq: 26 Sep 2024 20:48

Tgt Ion: 101 Resp: 3743
 Ion Ratio Lower Upper
 101 100
 85 0.0 34.6 52.0#
 151 4.2 57.5 86.3#





#12

1,1-Dichloroethene

Concen: 2.786 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

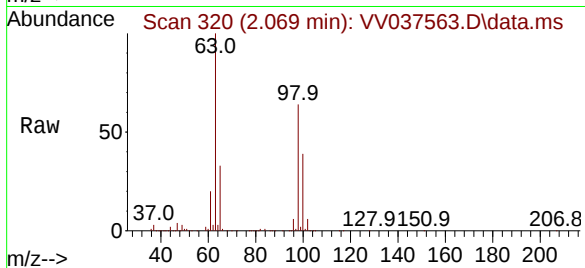
Lab File: VV037563.D

Acq: 26 Sep 2024 20:48

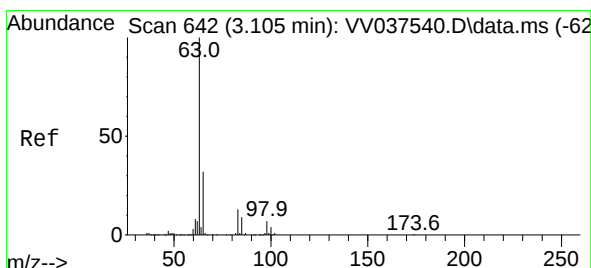
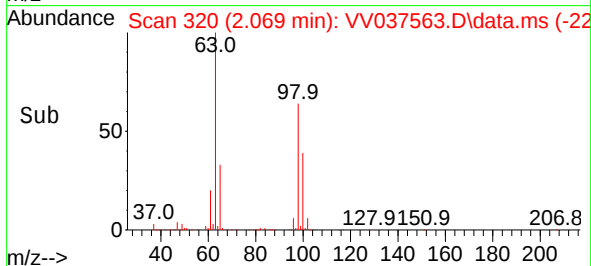
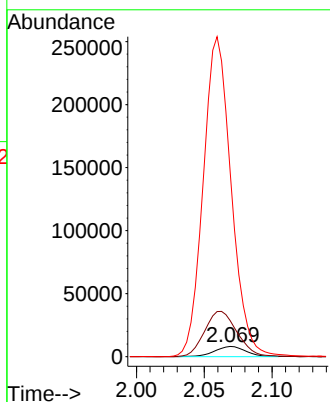
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	13001
Ion Ratio	Lower	Upper	
96	100		
61	351.5	122.6	227.6#
63	1802.2	118.0	219.2#



#19

1,1-Dichloroethane

Concen: 68.052 ug/L

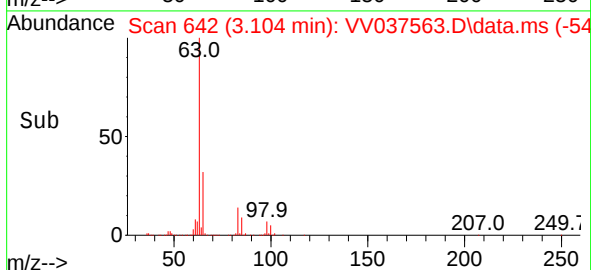
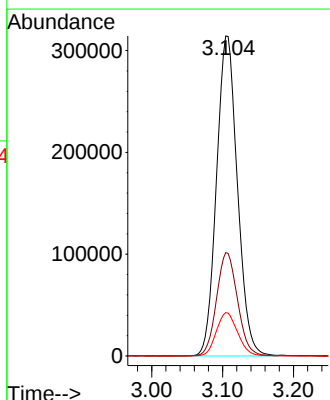
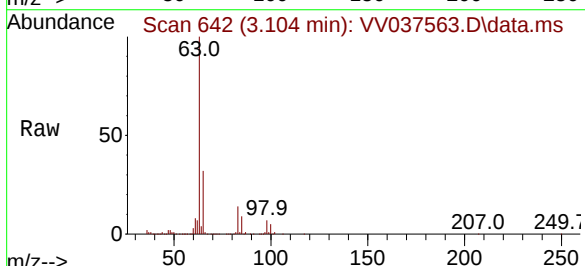
RT: 3.104 min Scan# 642

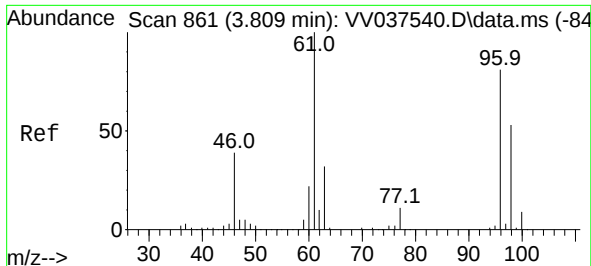
Delta R.T. -0.000 min

Lab File: VV037563.D

Acq: 26 Sep 2024 20:48

Tgt Ion:	63	Resp:	643664
Ion Ratio	Lower	Upper	
63	100		
65	32.3	22.4	41.6
83	13.5	9.5	17.7





#20

cis-1,2-Dichloroethene

Concen: 41.707 ug/L

RT: 3.809 min Scan# 861

Delta R.T. -0.000 min

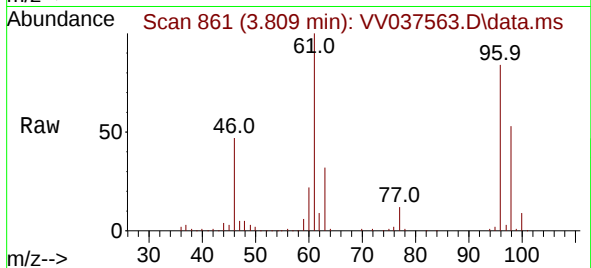
Lab File: VV037563.D

Acq: 26 Sep 2024 20:48

Instrument :

MSVOA_V

ClientSampleId :



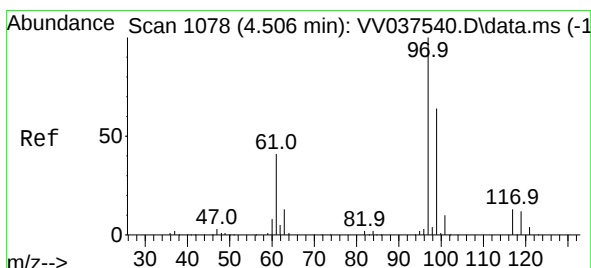
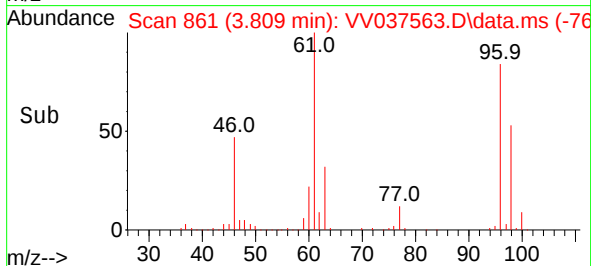
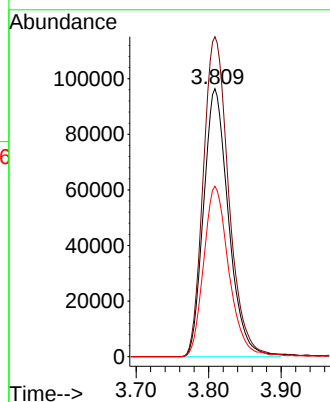
Tgt Ion: 96 Resp: 230405

Ion Ratio Lower Upper

96 100

61 119.4 85.0 157.8

98 63.6 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 21.564 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.000 min

Lab File: VV037563.D

Acq: 26 Sep 2024 20:48

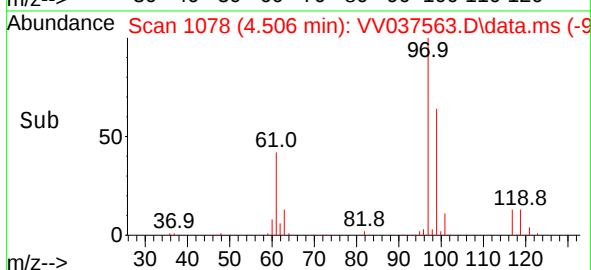
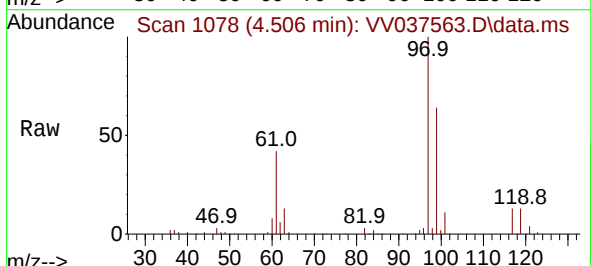
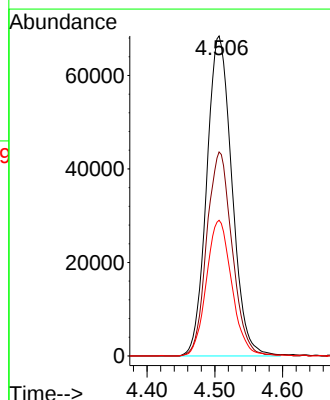
Tgt Ion: 97 Resp: 177171

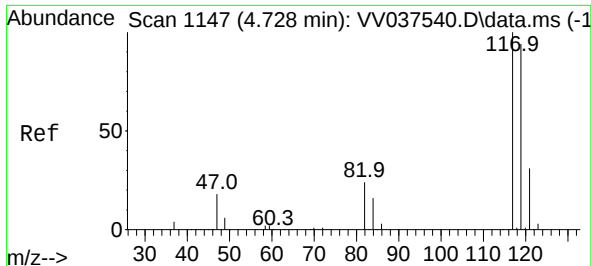
Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.6

61 42.7 33.6 50.4

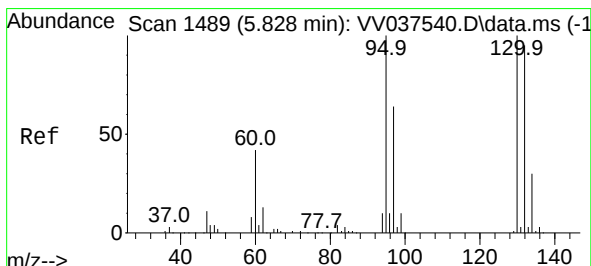
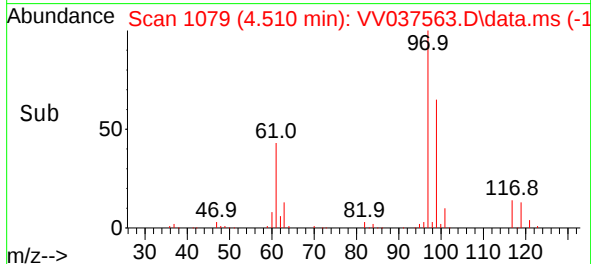
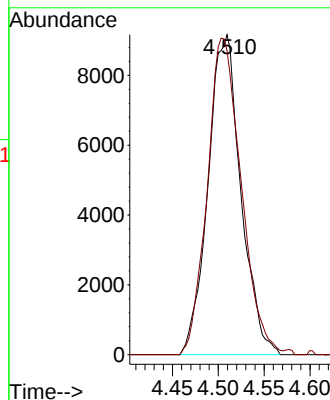
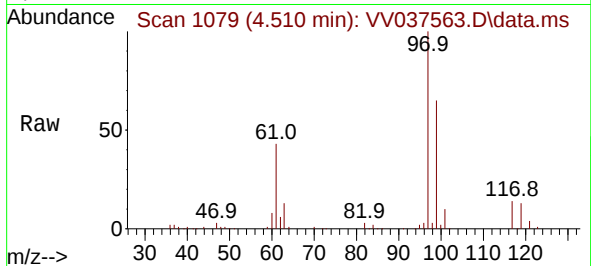




#31
Carbon tetrachloride
Concen: 3.191 ug/L
RT: 4.510 min Scan# 1147
Delta R.T. -0.219 min
Lab File: VV037563.D
Acq: 26 Sep 2024 20:48

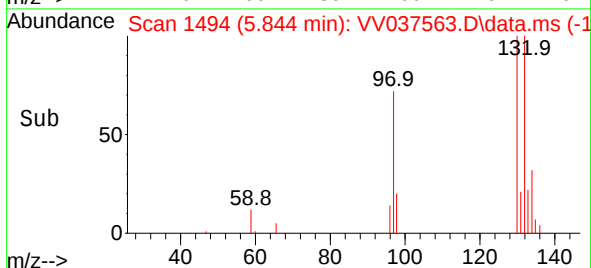
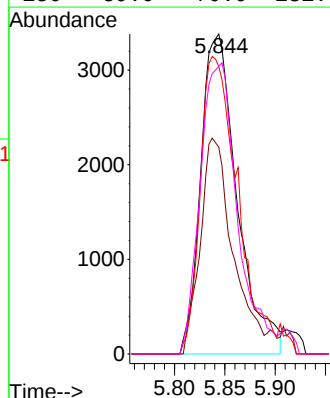
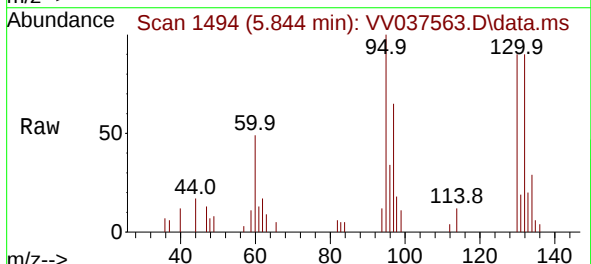
Instrument :
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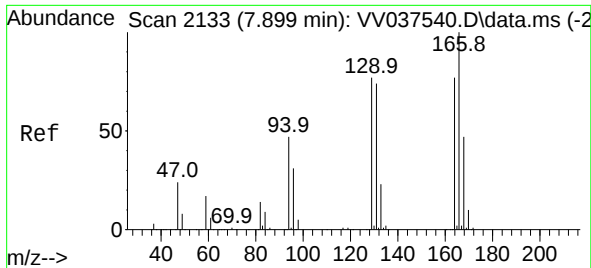
Tgt Ion:117 Resp: 22791
Ion Ratio Lower Upper
117 100
119 102.3 76.9 115.3



#34
Trichloroethene
Concen: 1.587 ug/L
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV037563.D
Acq: 26 Sep 2024 20:48

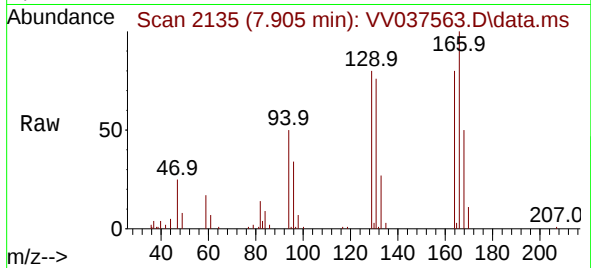
Tgt Ion: 95 Resp: 8502
Ion Ratio Lower Upper
95 100
97 83.0 46.3 85.9
132 89.8 68.6 127.4
130 89.9 70.9 131.7



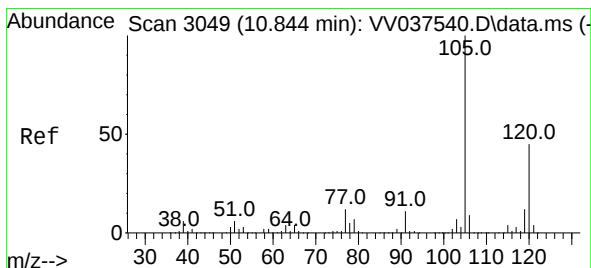
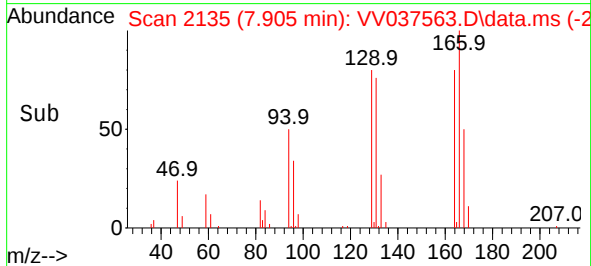
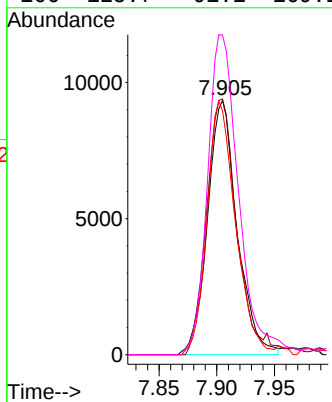


#46
Tetrachloroethene
Concen: 4.056 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.006 min
Lab File: VV037563.D
Acq: 26 Sep 2024 20:48

Instrument :
MSVOA_V
ClientSampleId :



Tgt	Ion:164	Resp:	16615
Ion	Ratio	Lower	Upper
164	100		
129	100.5	68.2	126.6
131	96.0	66.1	122.8
166	125.7	91.1	169.1



#63
1,2,4-Trimethylbenzene
Concen: 0.832 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. 0.009 min
Lab File: VV037563.D
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Tgt	Ion:105	Resp:	13523
Ion	Ratio	Lower	Upper
105	100		
120	48.7	36.2	54.2

