

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037622.D
 Acq On : 27 Sep 2024 21:22
 Operator : SY/MD
 Sample : P4184-22DL 5X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

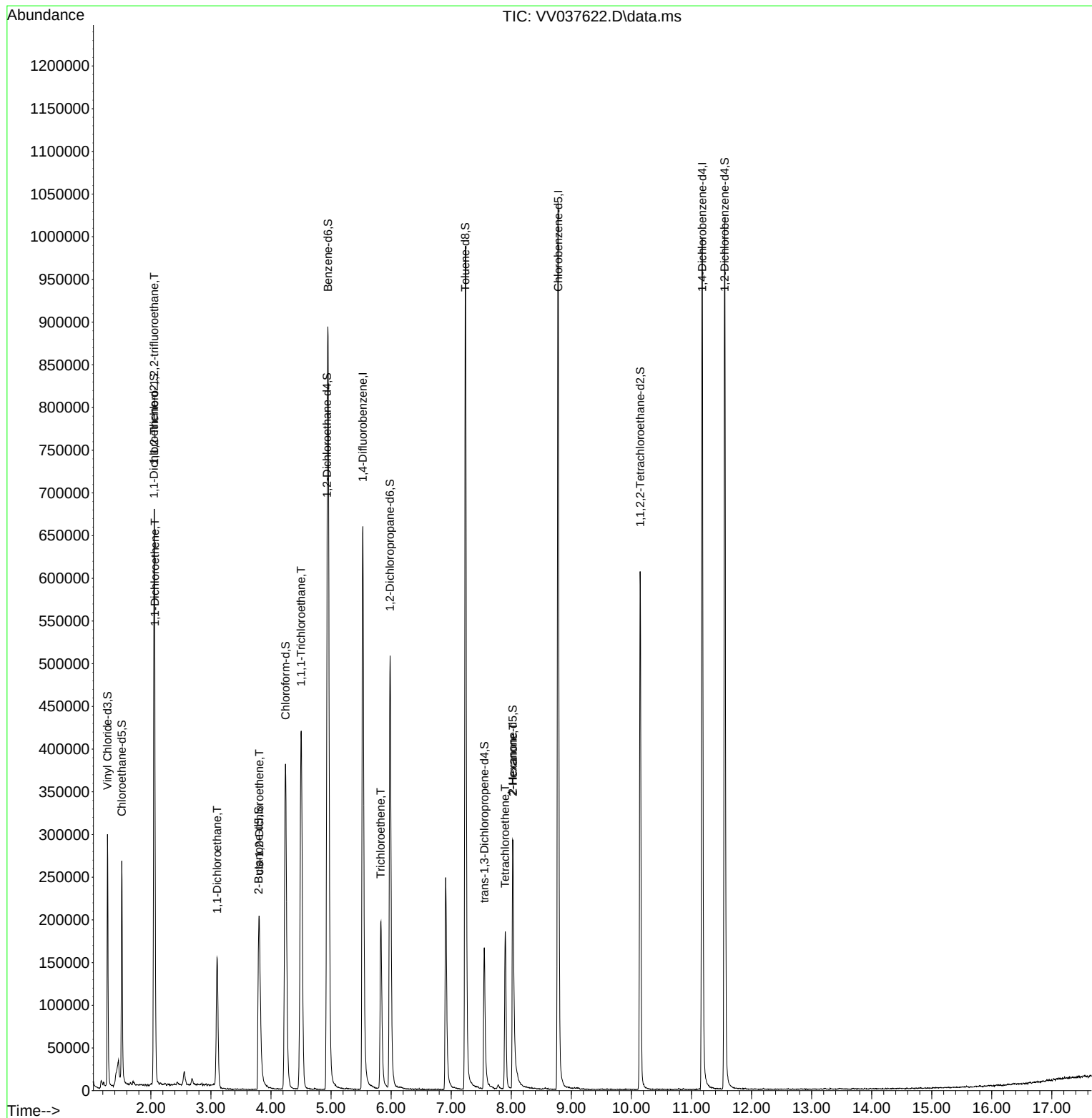
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	596295	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	577617	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	263721	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	200002	38.208	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.420%		
7) Chloroethane-d5	1.516	69	173585	42.722	ug/L	-0.02
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.440%		
11) 1,1-Dichloroethene-d2	2.053	65	88144	40.305	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.600%		
21) 2-Butanone-d5	3.793	46	164958	88.476	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.480%		
24) Chloroform-d	4.243	84	407093	43.713	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.420%		
26) 1,2-Dichloroethane-d4	4.934	65	245718	45.077	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.160%		
32) Benzene-d6	4.950	84	787313	43.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.120%		
36) 1,2-Dichloropropane-d6	5.982	67	258873	44.978	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.960%		
41) Toluene-d8	7.236	98	673576	41.098	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.200%		
43) trans-1,3-Dichloroprop...	7.551	79	105018	39.278	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.560%		
47) 2-Hexanone-d5	8.024	63	102476	84.319	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	84.320%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	297233	44.446	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.900%		
66) 1,2-Dichlorobenzene-d4	11.554	152	264106	47.526	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.060%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	3146	0.740	ug/L #	22
12) 1,1-Dichloroethene	2.066	96	79436	20.010	ug/L	81
19) 1,1-Dichloroethane	3.101	63	149649	18.598	ug/L	97
20) cis-1,2-Dichloroethene	3.806	96	68634	14.604	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	353514	49.692	ug/L	99
34) Trichloroethene	5.828	95	73366	15.814	ug/L	98
46) Tetrachloroethene	7.899	164	42687	12.035	ug/L	97
48) 2-Hexanone	8.027	43	12003	4.215	ug/L #	77

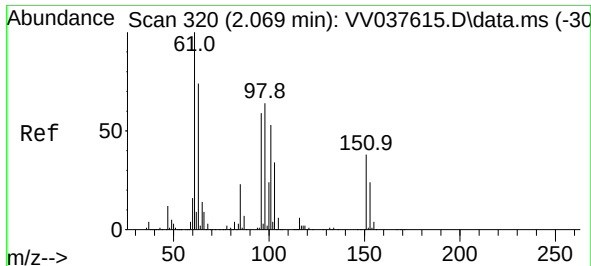
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.740 ug/L

RT: 2.056 min Scan# 316

Delta R.T. -0.013 min

Lab File: VV037622.D

Acq: 27 Sep 2024 21:22

Instrument :

MSVOA_V

ClientSampleId :

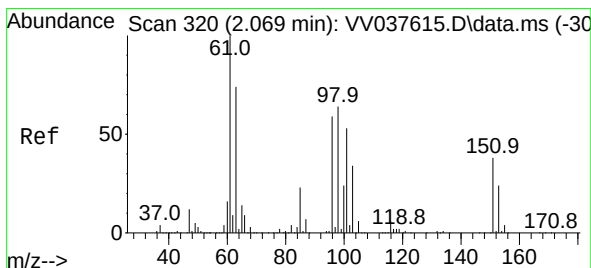
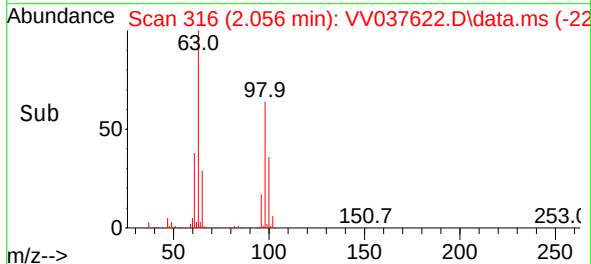
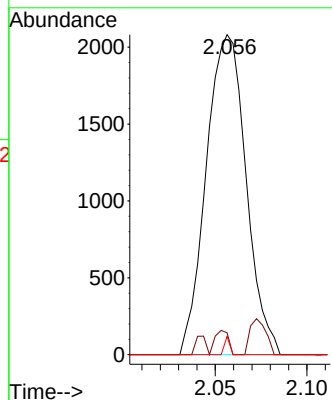
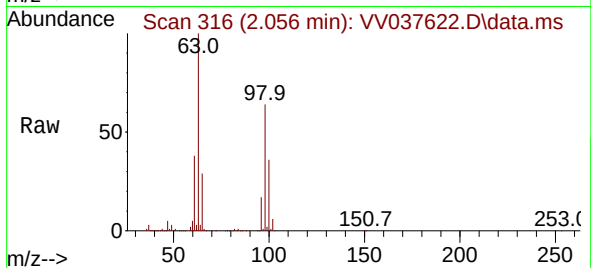
Tgt Ion:101 Resp: 3146

Ion Ratio Lower Upper

101 100

85 2.6 34.6 52.0#

151 0.0 57.5 86.3#



#12

1,1-Dichloroethene

Concen: 20.010 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV037622.D

Acq: 27 Sep 2024 21:22

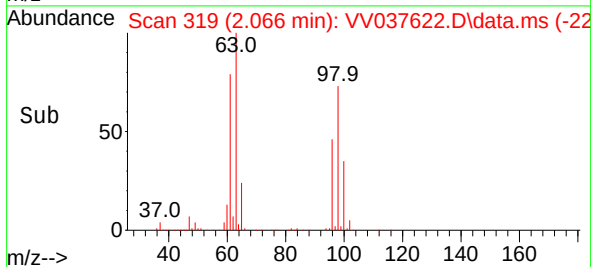
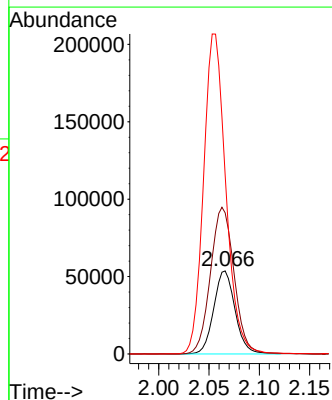
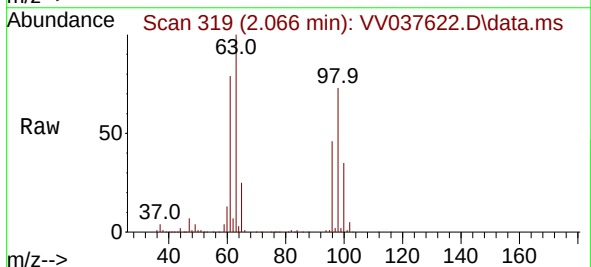
Tgt Ion: 96 Resp: 79436

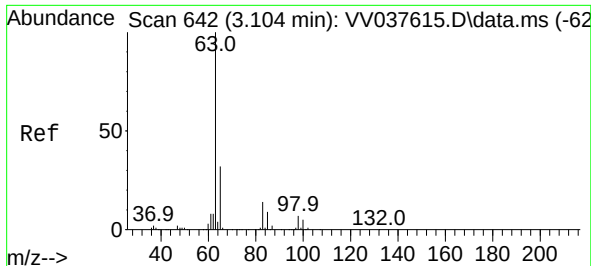
Ion Ratio Lower Upper

96 100

61 169.8 122.6 227.6

63 215.2 118.0 219.2





#19

1,1-Dichloroethane

Concen: 18.598 ug/L

RT: 3.101 min Scan# 64

Delta R.T. -0.003 min

Lab File: VV037622.D

Acq: 27 Sep 2024 21:22

Instrument :

MSVOA_V

ClientSampleId :

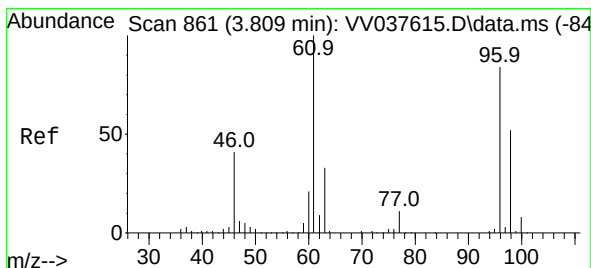
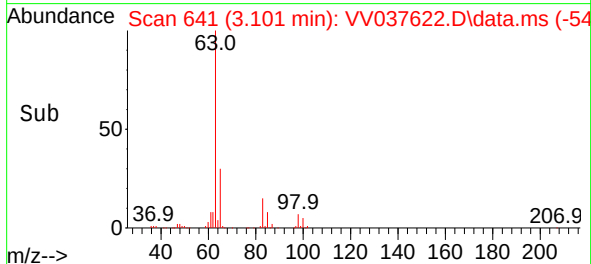
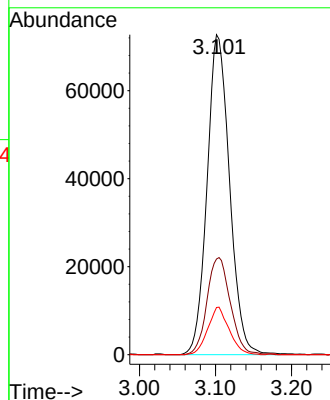
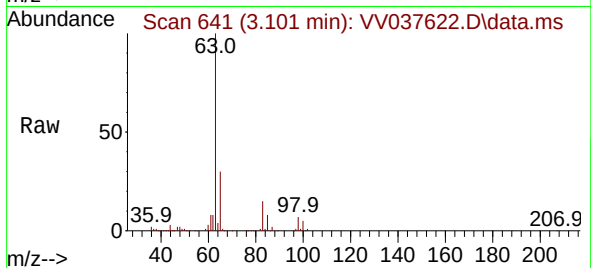
Tgt Ion: 63 Resp: 149649

Ion Ratio Lower Upper

63 100

65 29.9 22.4 41.6

83 14.7 9.5 17.7



#20

cis-1,2-Dichloroethene

Concen: 14.604 ug/L

RT: 3.806 min Scan# 860

Delta R.T. -0.003 min

Lab File: VV037622.D

Acq: 27 Sep 2024 21:22

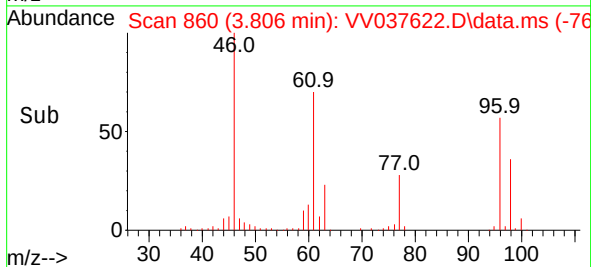
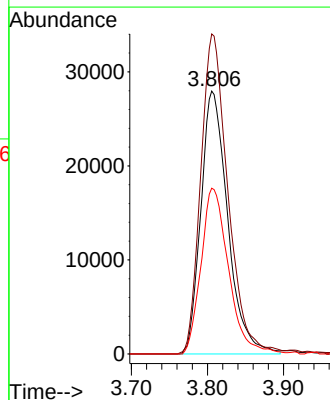
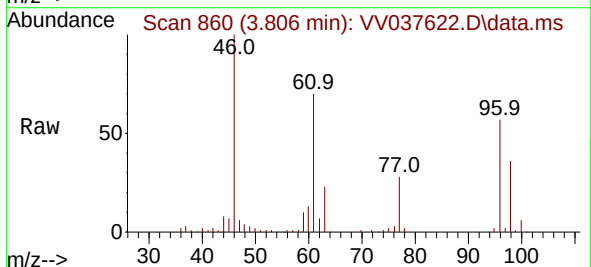
Tgt Ion: 96 Resp: 68634

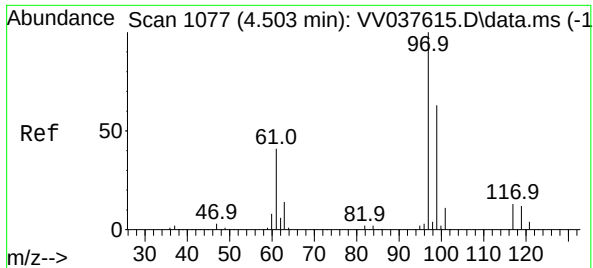
Ion Ratio Lower Upper

96 100

61 121.8 85.0 157.8

98 63.1 44.2 82.0





#30

1,1,1-Trichloroethane

Concen: 49.692 ug/L

RT: 4.503 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV037622.D

Acq: 27 Sep 2024 21:22

Instrument :

MSVOA_V

ClientSampleId :

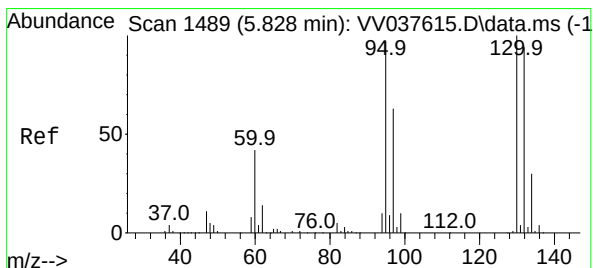
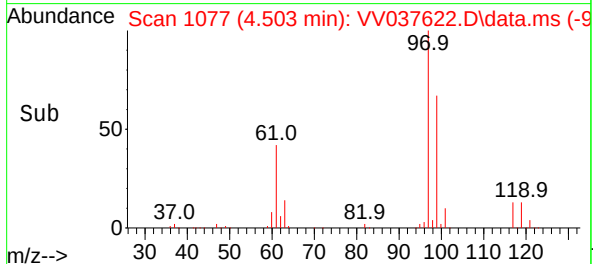
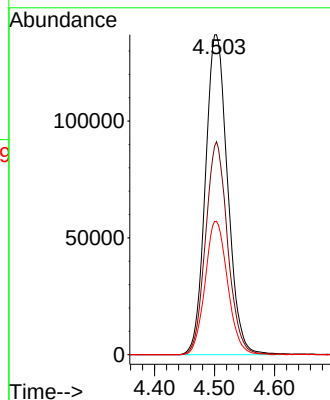
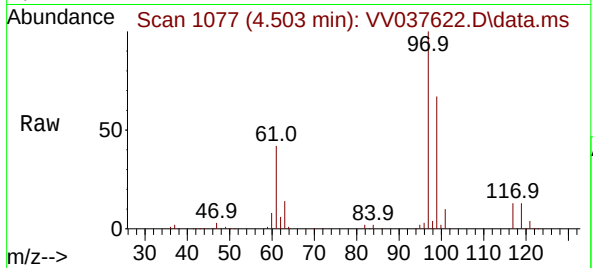
Tgt Ion: 97 Resp: 353514

Ion Ratio Lower Upper

97 100

99 65.9 51.8 77.6

61 42.2 33.6 50.4



#34

Trichloroethene

Concen: 15.814 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. 0.000 min

Lab File: VV037622.D

Acq: 27 Sep 2024 21:22

Tgt Ion: 95 Resp: 73366

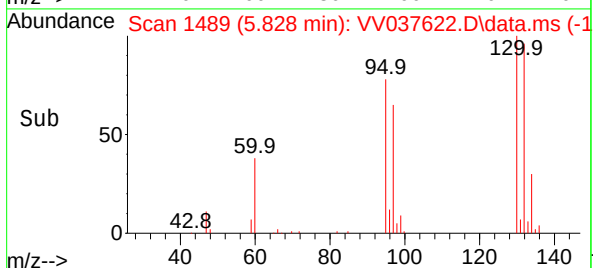
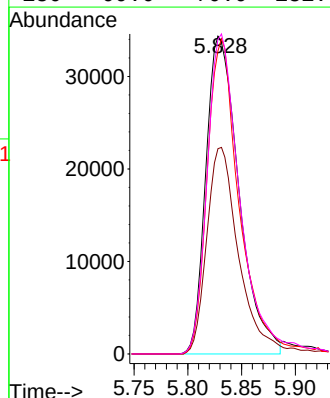
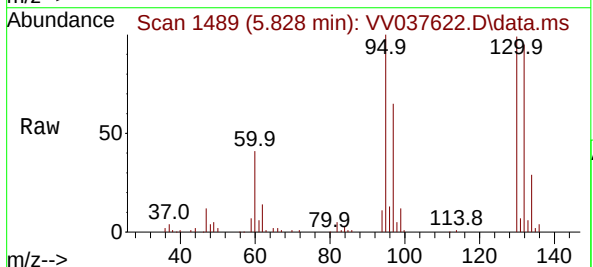
Ion Ratio Lower Upper

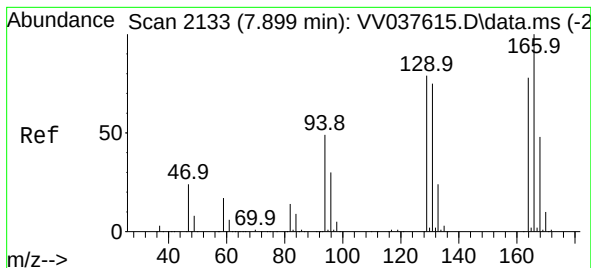
95 100

97 64.6 46.3 85.9

132 95.4 68.6 127.4

130 99.0 70.9 131.7





#46

Tetrachloroethene

Concen: 12.035 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. 0.000 min

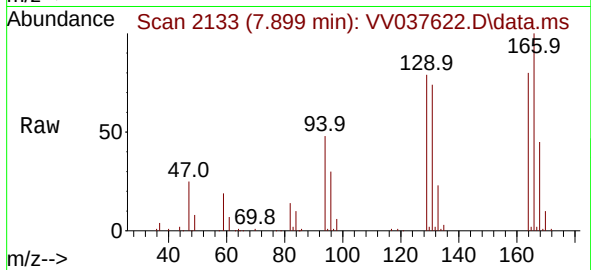
Lab File: VV037622.D

Acq: 27 Sep 2024 21:22

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 42687

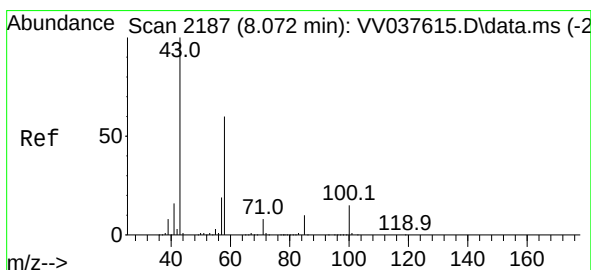
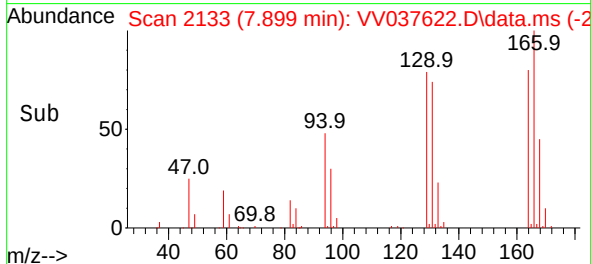
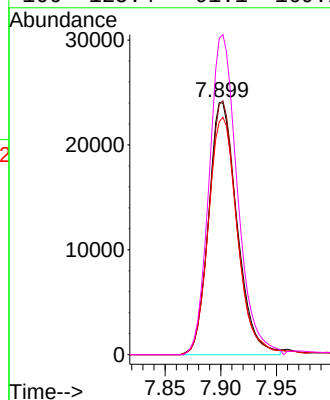
Ion Ratio Lower Upper

164 100

129 99.3 68.2 126.6

131 92.3 66.1 122.8

166 125.4 91.1 169.1



#48

2-Hexanone

Concen: 4.215 ug/L

RT: 8.027 min Scan# 2173

Delta R.T. -0.045 min

Lab File: VV037622.D

Acq: 27 Sep 2024 21:22

Tgt Ion: 43 Resp: 12003

Ion Ratio Lower Upper

43 100

58 50.1 46.5 69.7

57 45.4 15.1 22.7#

100 4.0 10.7 16.1#

