

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037582.D
 Acq On : 27 Sep 2024 04:24
 Operator : SY/MD
 Sample : P4185-10
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 05:58:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 02:22:28 2024
 Response via : Initial Calibration

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

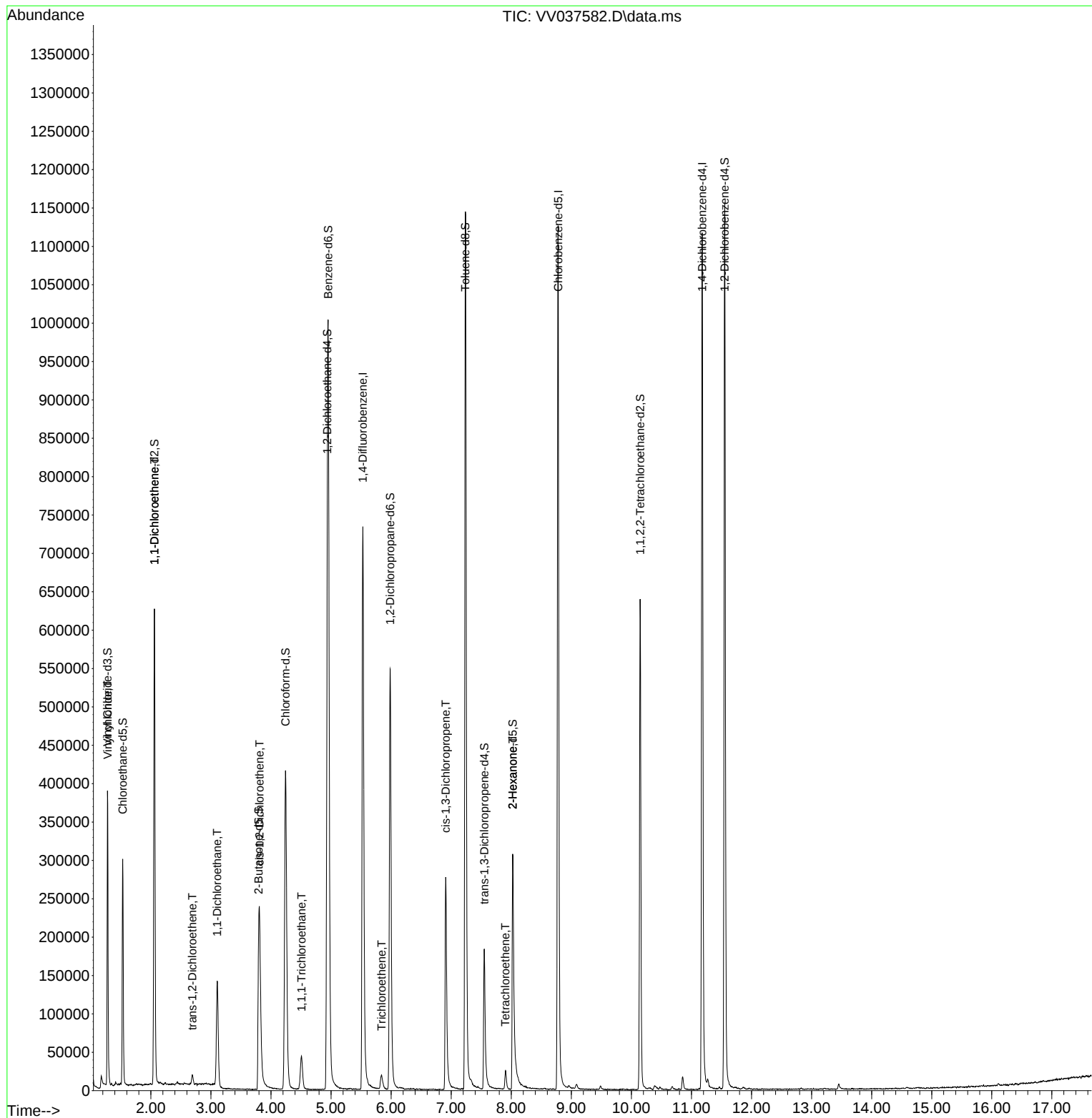
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	660616	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	625936	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	296723	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	238853	41.188	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.380%
7) Chloroethane-d5	1.532	69	191540	42.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.100%
11) 1,1-Dichloroethene-d2	2.060	65	104053	42.947	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.900%
21) 2-Butanone-d5	3.793	46	178411	86.375	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.370%
24) Chloroform-d	4.243	84	447409	43.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.720%
26) 1,2-Dichloroethane-d4	4.937	65	262895	43.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.060%
32) Benzene-d6	4.953	84	890688	45.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.940%
36) 1,2-Dichloropropane-d6	5.985	67	279179	44.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.520%
41) Toluene-d8	7.236	98	783816	44.132	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.260%
43) trans-1,3-Dichloroprop...	7.551	79	116844	40.328	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.660%
47) 2-Hexanone-d5	8.024	63	108130	82.103	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.100%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	313546	43.266	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.540%
66) 1,2-Dichlorobenzene-d4	11.554	152	296048	47.348	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.700%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.281	62	18819	3.215	ug/L #	69
12) 1,1-Dichloroethene	2.060	96	3885	0.883	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	4126	0.887	ug/L	98
19) 1,1-Dichloroethane	3.105	63	133543	14.980	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	92766	17.817	ug/L	96
30) 1,1,1-Trichloroethane	4.510	97	36915	4.788	ug/L	99
34) Trichloroethene	5.841	95	6095	1.212	ug/L	94
39) cis-1,3-Dichloropropene	6.908	75	7646	0.983	ug/L #	73
46) Tetrachloroethene	7.902	164	5614	1.461	ug/L	91
48) 2-Hexanone	8.024	43	13949	4.520	ug/L #	77

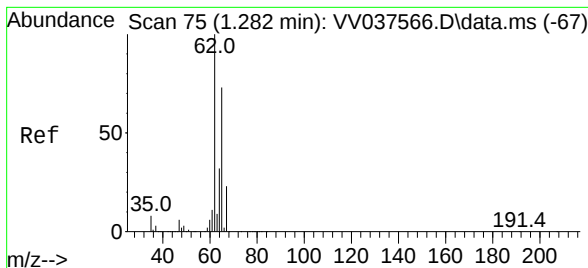
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.215 ug/L

RT: 1.281 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV037582.D

Acq: 27 Sep 2024 04:24

Instrument :

MSVOA_V

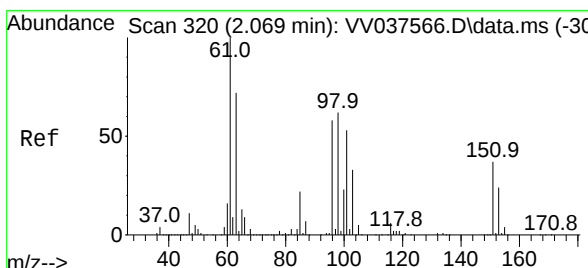
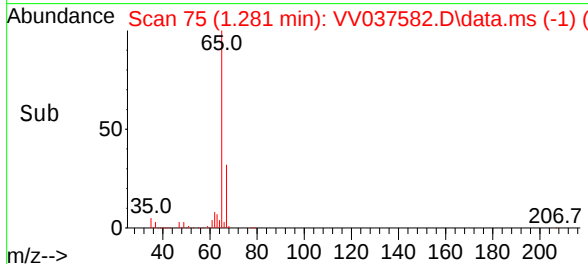
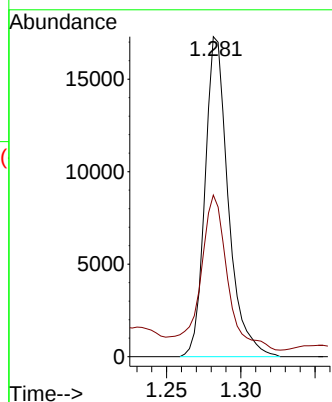
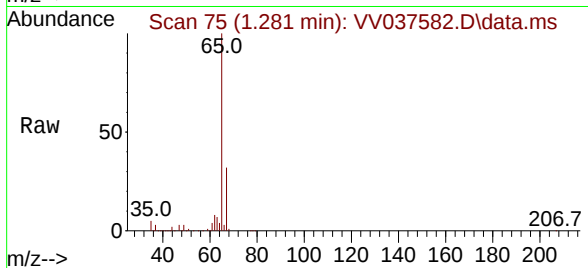
ClientSampleId :

Tgt Ion: 62 Resp: 18819

Ion Ratio Lower Upper

62 100

64 50.5 23.2 43.0#



#12

1,1-Dichloroethene

Concen: 0.883 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.010 min

Lab File: VV037582.D

Acq: 27 Sep 2024 04:24

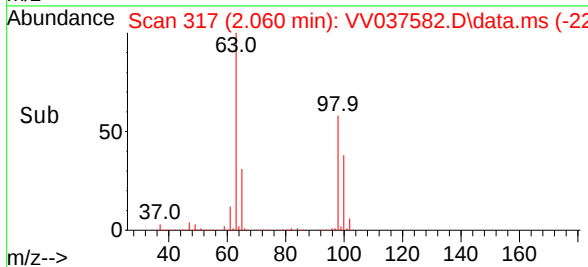
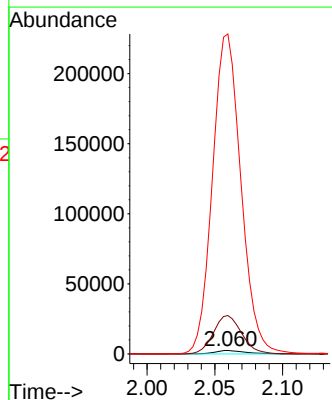
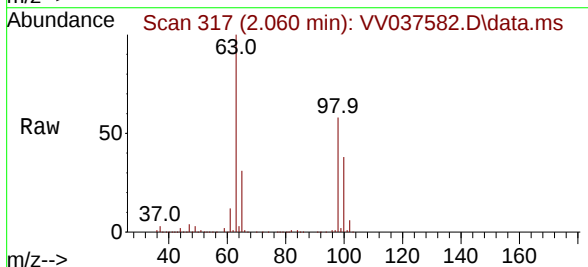
Tgt Ion: 96 Resp: 3885

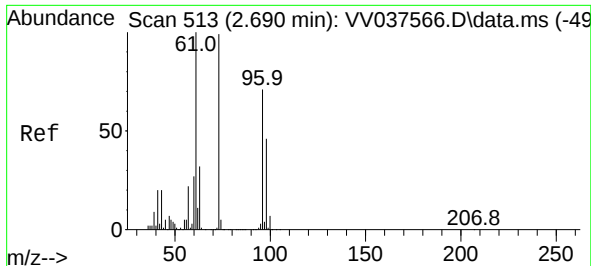
Ion Ratio Lower Upper

96 100

61 1106.1 122.6 227.6#

63 9235.0 118.0 219.2#





#17

trans-1,2-Dichloroethene

Concen: 0.887 ug/L

RT: 2.690 min Scan# 513

Delta R.T. -0.000 min

Lab File: VV037582.D

Acq: 27 Sep 2024 04:24

Instrument :

MSVOA_V

ClientSampleId :

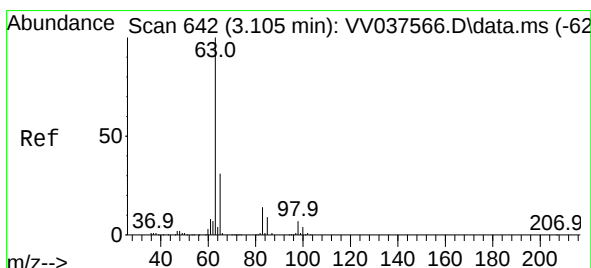
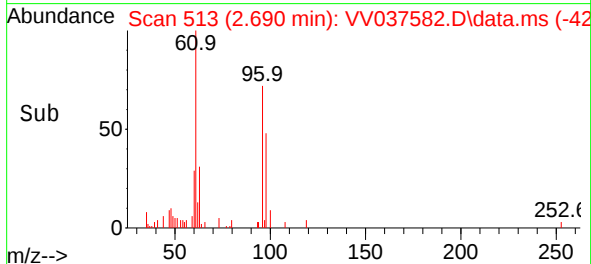
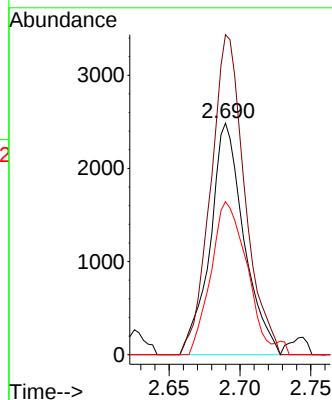
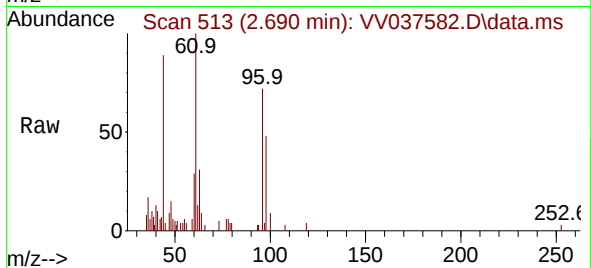
Tgt Ion: 96 Resp: 4126

Ion Ratio Lower Upper

96 100

61 138.2 97.3 180.7

98 66.1 43.9 81.5



#19

1,1-Dichloroethane

Concen: 14.980 ug/L

RT: 3.105 min Scan# 642

Delta R.T. -0.000 min

Lab File: VV037582.D

Acq: 27 Sep 2024 04:24

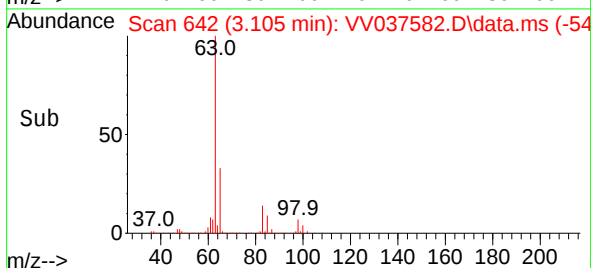
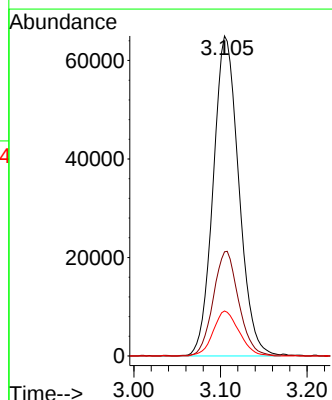
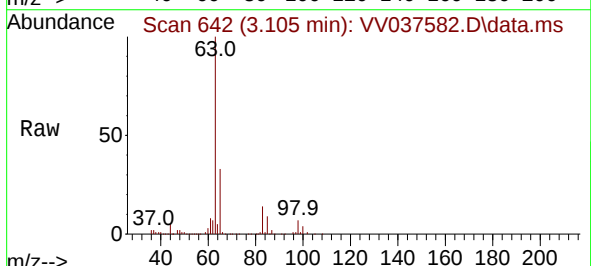
Tgt Ion: 63 Resp: 133543

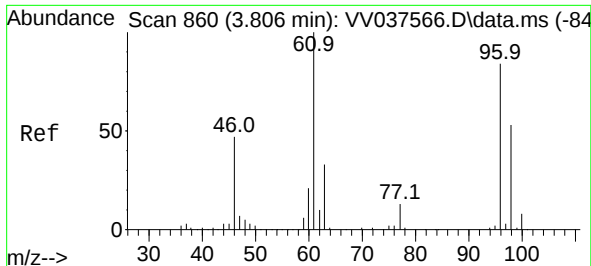
Ion Ratio Lower Upper

63 100

65 32.6 22.4 41.6

83 14.1 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 17.817 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

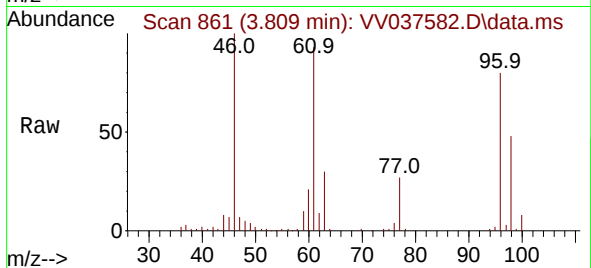
Lab File: VV037582.D

Acq: 27 Sep 2024 04:24

Instrument :

MSVOA_V

ClientSampleId :



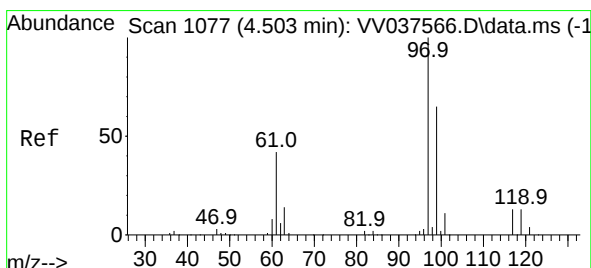
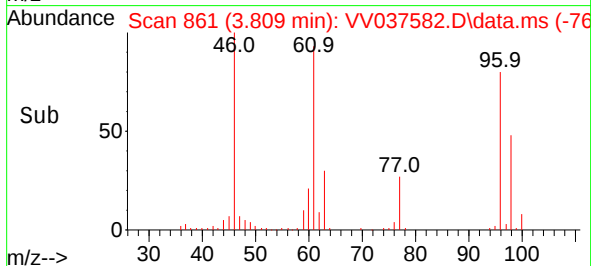
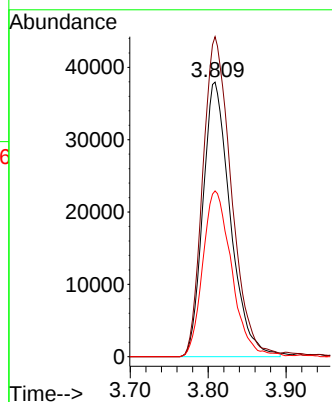
Tgt Ion: 96 Resp: 92766

Ion Ratio Lower Upper

96 100

61 116.5 85.0 157.8

98 60.4 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 4.788 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VV037582.D

Acq: 27 Sep 2024 04:24

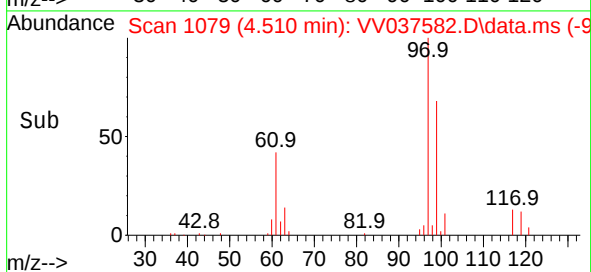
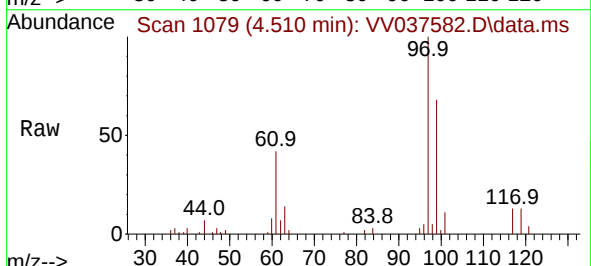
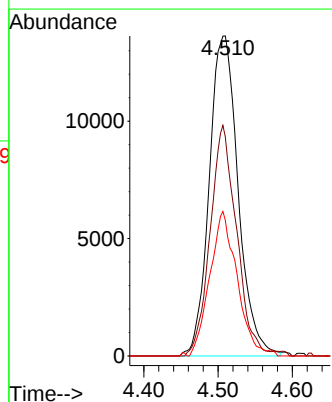
Tgt Ion: 97 Resp: 36915

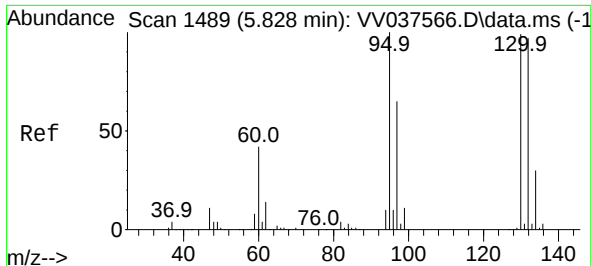
Ion Ratio Lower Upper

97 100

99 65.6 51.8 77.6

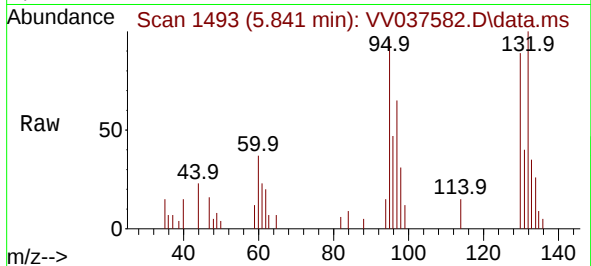
61 42.3 33.6 50.4



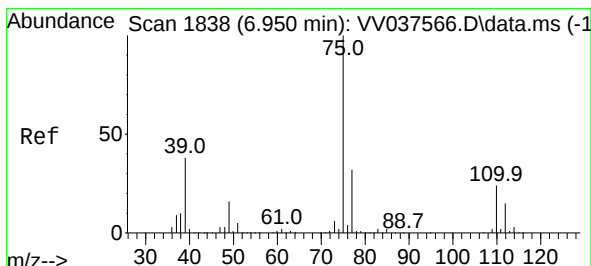
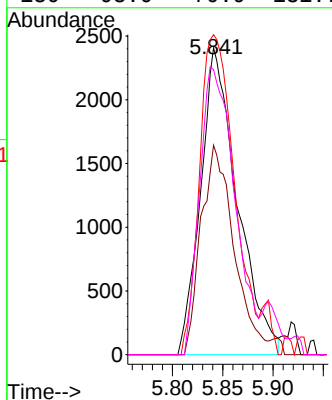


#34
Trichloroethene
Concen: 1.212 ug/L
RT: 5.841 min Scan# 1489
Delta R.T. 0.013 min
Lab File: VV037582.D
Acq: 27 Sep 2024 04:24

Instrument :
MSVOA_V
ClientSampleId :

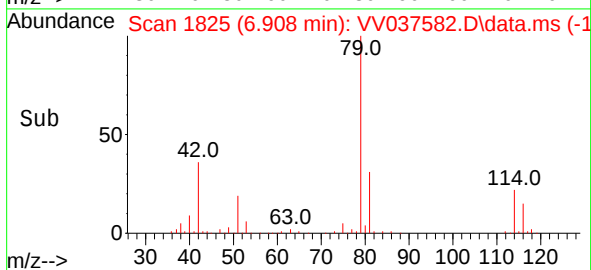
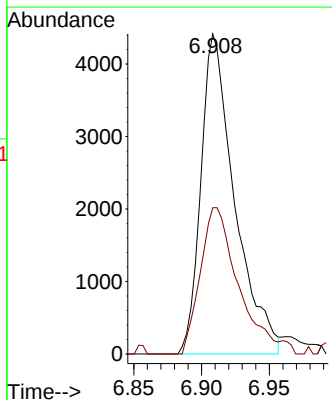
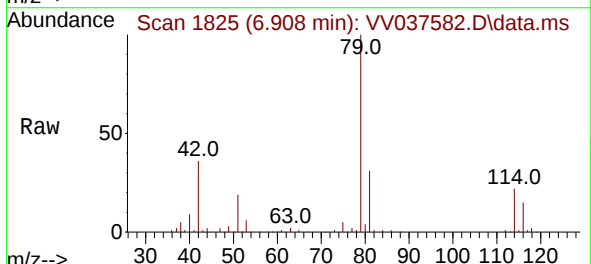


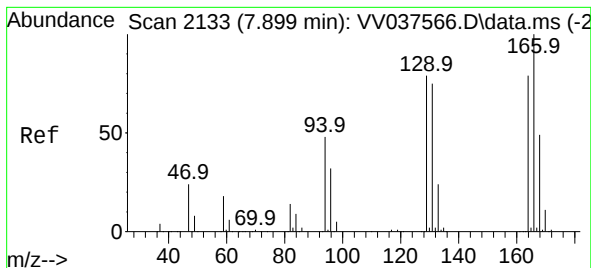
Tgt Ion: 95	Resp: 6095
Ion Ratio	Lower Upper
95 100	
97 68.3	46.3 85.9
132 104.3	68.6 127.4
130 93.0	70.9 131.7



#39
cis-1,3-Dichloropropene
Concen: 0.983 ug/L
RT: 6.908 min Scan# 1825
Delta R.T. -0.042 min
Lab File: VV037582.D
Acq: 27 Sep 2024 04:24

Tgt Ion: 75	Resp: 7646
Ion Ratio	Lower Upper
75 100	
77 45.7	21.8 40.4#





#46

Tetrachloroethene

Concen: 1.461 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.003 min

Lab File: VV037582.D

Acq: 27 Sep 2024 04:24

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:164 Resp: 5614

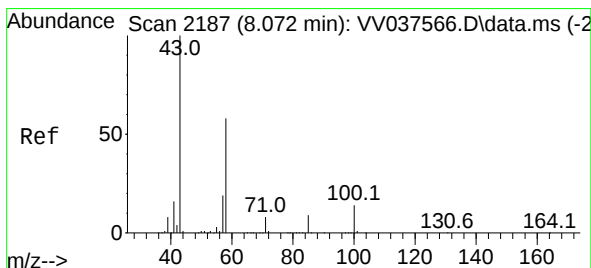
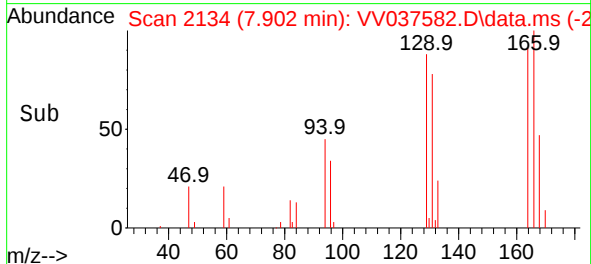
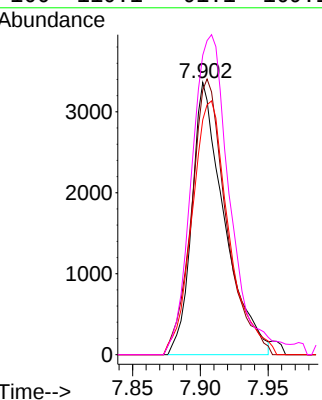
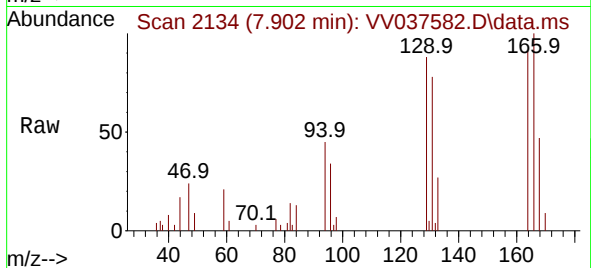
Ion Ratio Lower Upper

164 100

129 97.2 68.2 126.6

131 86.3 66.1 122.8

166 110.1 91.1 169.1



#48

2-Hexanone

Concen: 4.520 ug/L

RT: 8.024 min Scan# 2172

Delta R.T. -0.048 min

Lab File: VV037582.D

Acq: 27 Sep 2024 04:24

Tgt Ion: 43 Resp: 13949

Ion Ratio Lower Upper

43 100

58 41.8 46.5 69.7#

57 30.2 15.1 22.7#

100 3.3 10.7 16.1#

