

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037583.D
 Acq On : 27 Sep 2024 04:45
 Operator : SY/MD
 Sample : P4185-11
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 05:59:05 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)

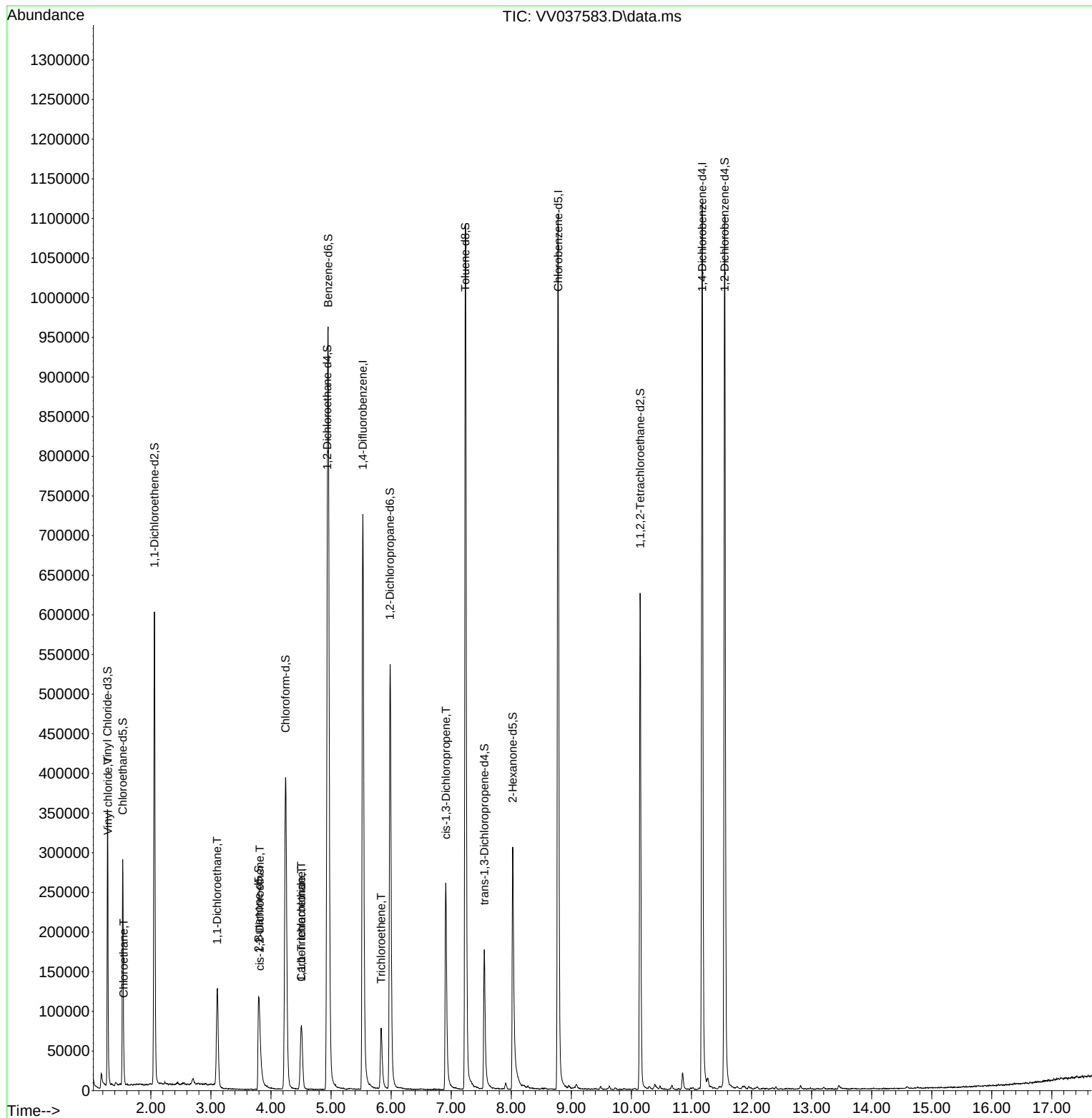
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	647943	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	619374	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	296130	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	224259	39.427	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	78.860%		
7) Chloroethane-d5	1.532	69	184146	41.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.420%		
11) 1,1-Dichloroethene-d2	2.060	65	100898	42.459	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.920%		
21) 2-Butanone-d5	3.796	46	172551	85.172	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	85.170%		
24) Chloroform-d	4.243	84	427546	42.250	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.500%		
26) 1,2-Dichloroethane-d4	4.937	65	258354	43.617	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.240%		
32) Benzene-d6	4.953	84	851758	43.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.900%		
36) 1,2-Dichloropropane-d6	5.982	67	269737	43.706	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.420%		
41) Toluene-d8	7.236	98	750684	42.714	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.420%		
43) trans-1,3-Dichloroprop...	7.551	79	110903	38.683	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.360%		
47) 2-Hexanone-d5	8.024	63	103664	79.546	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	79.550%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	308419	43.009	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.020%		
66) 1,2-Dichlorobenzene-d4	11.554	152	286003	45.833	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.660%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	9360	1.630	ug/L #	35
8) Chloroethane	1.548	64	6696	1.892	ug/L	92
19) 1,1-Dichloroethane	3.105	63	121293	13.872	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	13696	2.682	ug/L	88
30) 1,1,1-Trichloroethane	4.506	97	70096	9.189	ug/L	99
31) Carbon tetrachloride	4.506	117	9162	1.381	ug/L	97
34) Trichloroethene	5.834	95	29103	5.850	ug/L	97
39) cis-1,3-Dichloropropene	6.912	75	6606	0.858	ug/L #	54

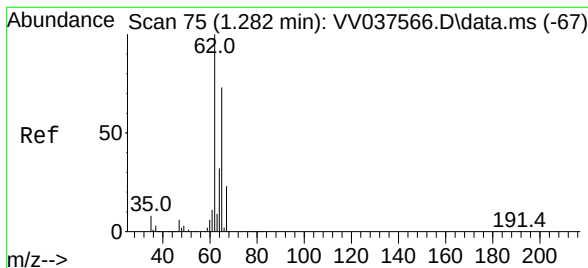
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 27 02:22:28 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.630 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.003 min

Lab File: VV037583.D

Acq: 27 Sep 2024 04:45

Instrument :

MSVOA_V

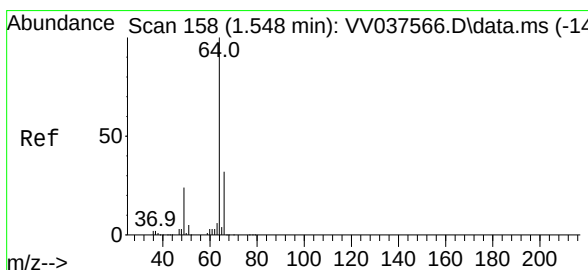
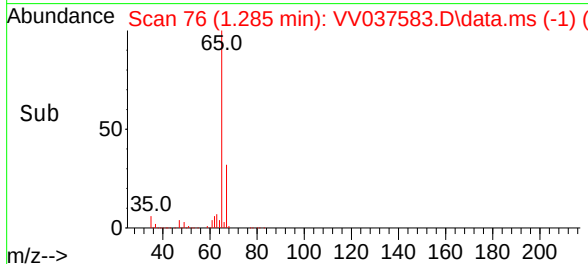
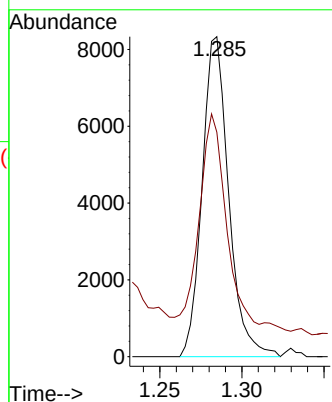
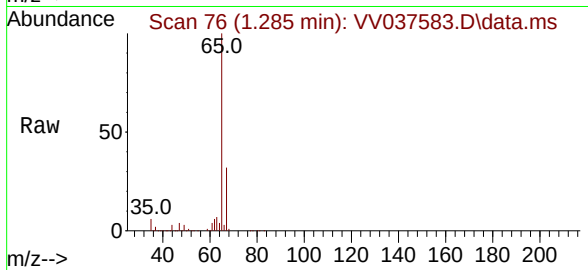
ClientSampleId :

Tgt Ion: 62 Resp: 9360

Ion Ratio Lower Upper

62 100

64 70.1 23.2 43.0#



#8

Chloroethane

Concen: 1.892 ug/L

RT: 1.548 min Scan# 158

Delta R.T. -0.000 min

Lab File: VV037583.D

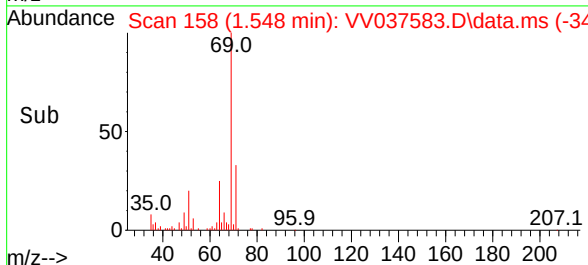
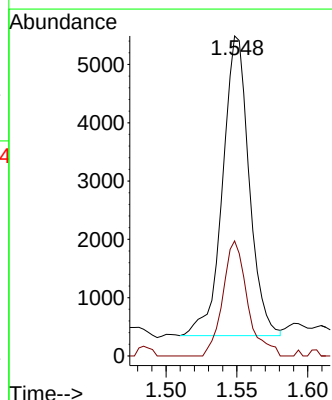
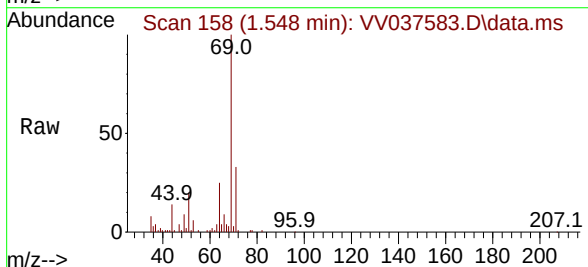
Acq: 27 Sep 2024 04:45

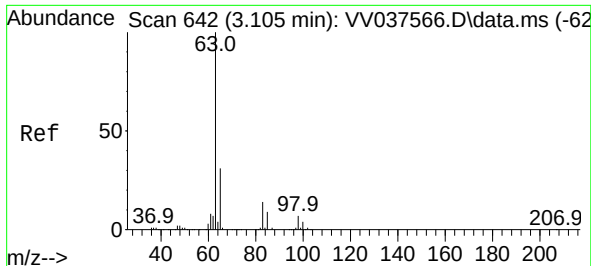
Tgt Ion: 64 Resp: 6696

Ion Ratio Lower Upper

64 100

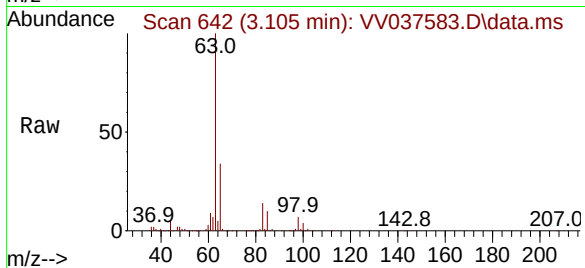
66 35.9 22.2 41.2





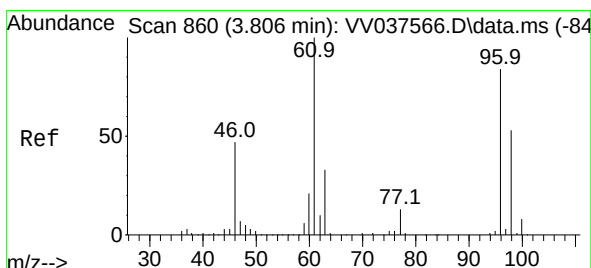
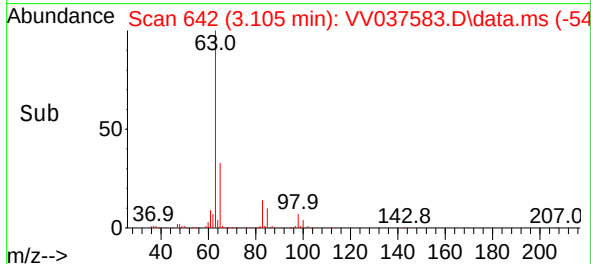
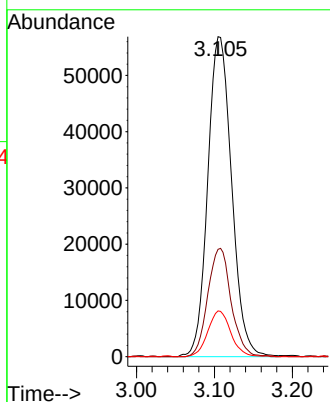
#19
1,1-Dichloroethane
Concen: 13.872 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037583.D
Acq: 27 Sep 2024 04:45

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 63 Resp: 121293

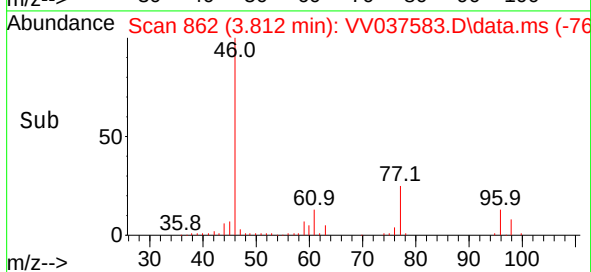
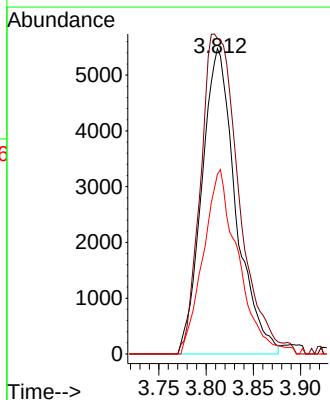
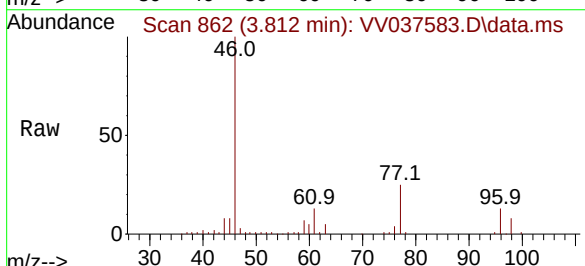
Ion	Ratio	Lower	Upper
63	100		
65	33.6	22.4	41.6
83	14.3	9.5	17.7

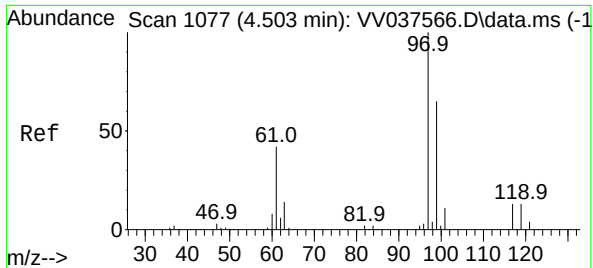


#20
cis-1,2-Dichloroethene
Concen: 2.682 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV037583.D
Acq: 27 Sep 2024 04:45

Tgt Ion: 96 Resp: 13696

Ion	Ratio	Lower	Upper
96	100		
61	103.4	85.0	157.8
98	58.8	44.2	82.0





#30

1,1,1-Trichloroethane

Concen: 9.189 ug/L

RT: 4.506 min Scan# 1077

Delta R.T. 0.003 min

Lab File: VV037583.D

Acq: 27 Sep 2024 04:45

Instrument :

MSVOA_V

ClientSampleId :

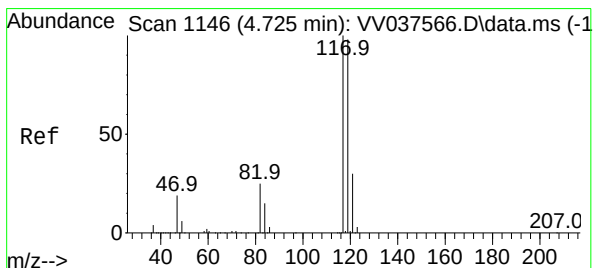
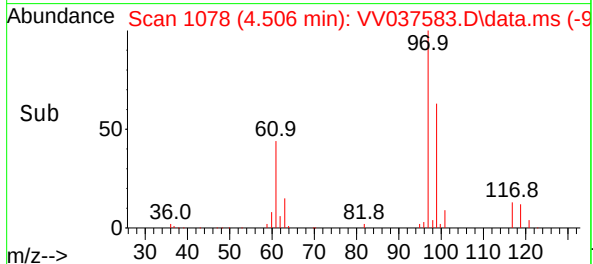
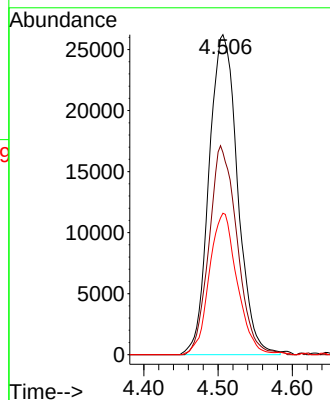
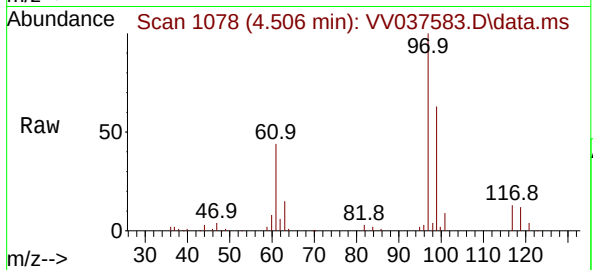
Tgt Ion: 97 Resp: 70096

Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.6

61 43.1 33.6 50.4



#31

Carbon tetrachloride

Concen: 1.381 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.219 min

Lab File: VV037583.D

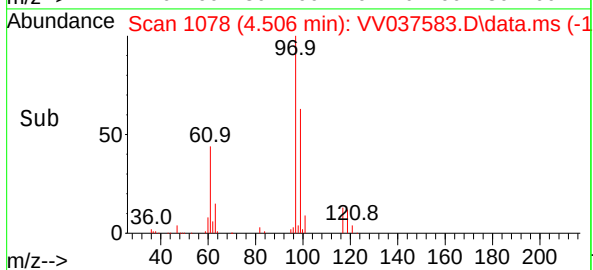
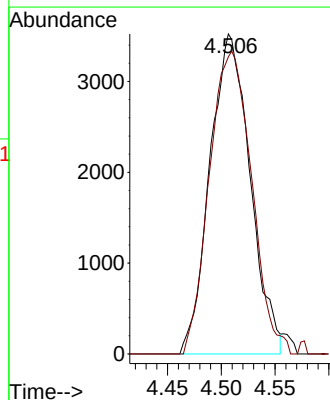
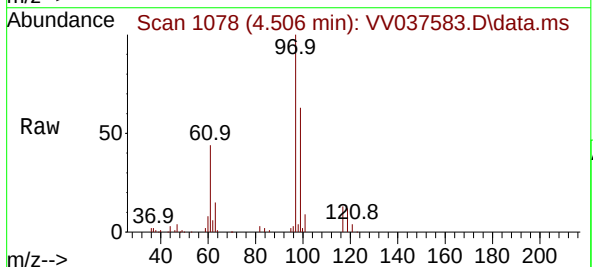
Acq: 27 Sep 2024 04:45

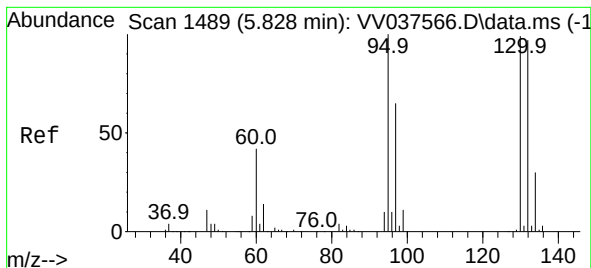
Tgt Ion: 117 Resp: 9162

Ion Ratio Lower Upper

117 100

119 99.3 76.9 115.3





#34

Trichloroethene

Concen: 5.850 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VV037583.D

Acq: 27 Sep 2024 04:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 29103

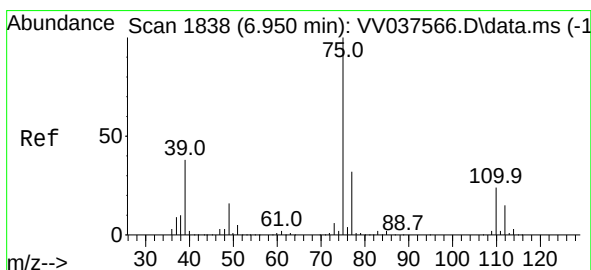
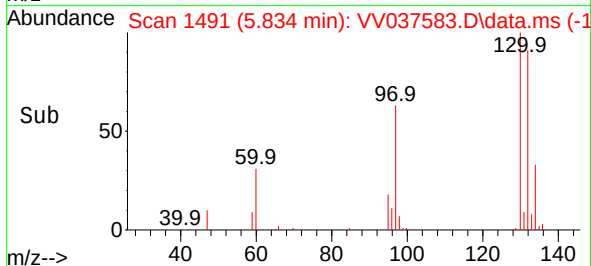
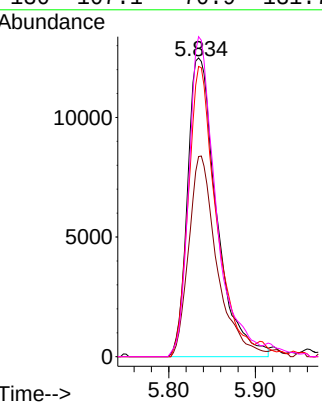
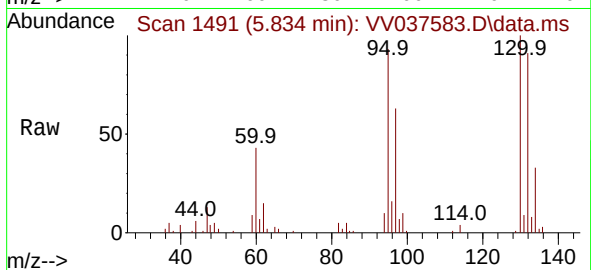
Ion Ratio Lower Upper

95 100

97 67.0 46.3 85.9

132 97.2 68.6 127.4

130 107.1 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.858 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV037583.D

Acq: 27 Sep 2024 04:45

Tgt Ion: 75 Resp: 6606

Ion Ratio Lower Upper

75 100

77 56.7 21.8 40.4#

