

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037574.D
 Acq On : 27 Sep 2024 01:32
 Operator : SY/MD
 Sample : P4184-20
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 03:40:40 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)

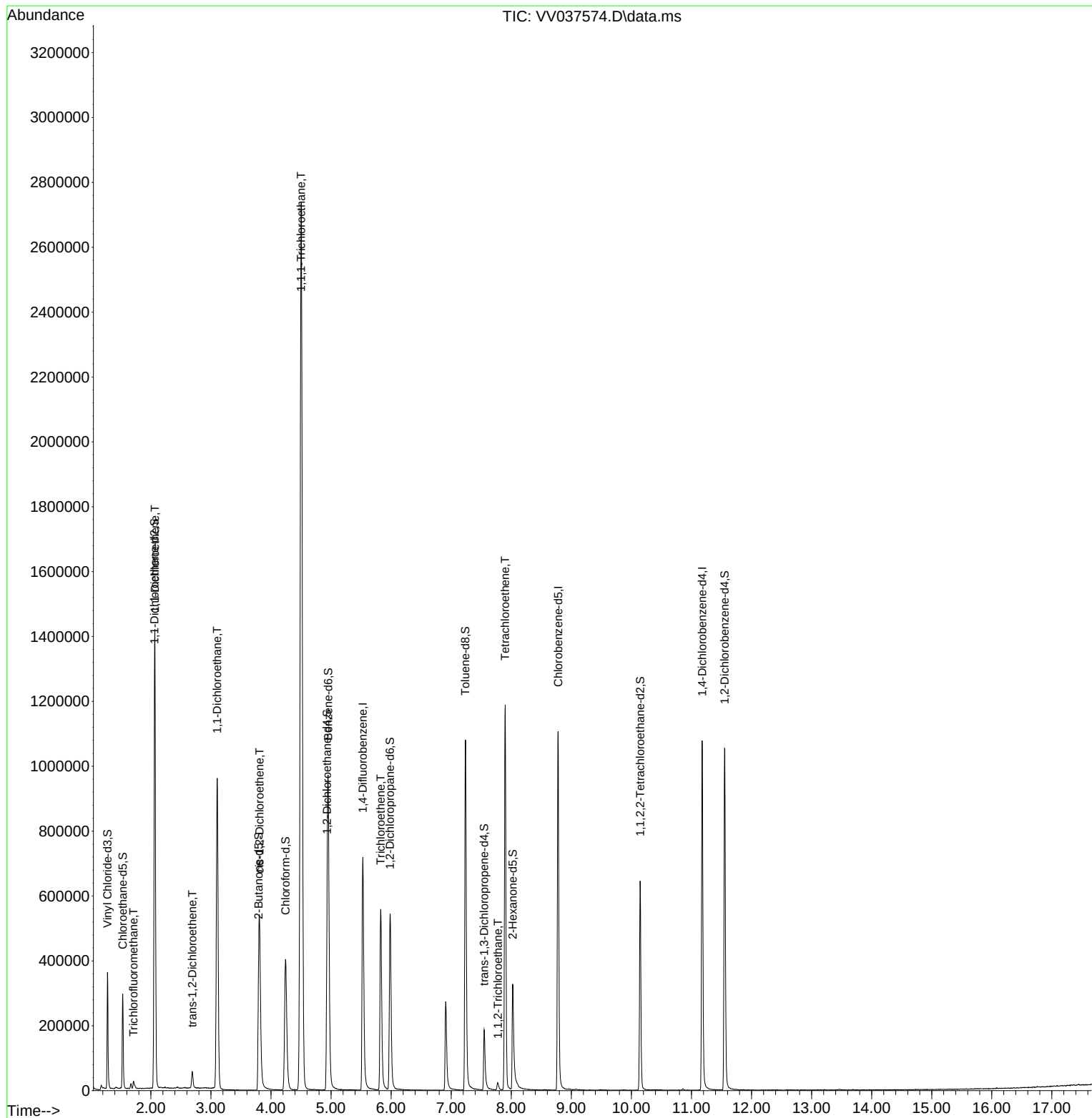
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	640433	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	607013	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	278340	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	238920	42.497	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	85.000%		
7) Chloroethane-d5	1.532	69	194372	44.541	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.080%		
11) 1,1-Dichloroethene-d2	2.060	65	99288	42.272	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.540%		
21) 2-Butanone-d5	3.793	46	181519	90.649	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	90.650%		
24) Chloroform-d	4.243	84	431696	43.160	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.320%		
26) 1,2-Dichloroethane-d4	4.934	65	261753	44.709	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.420%		
32) Benzene-d6	4.953	84	858480	45.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.400%		
36) 1,2-Dichloropropane-d6	5.982	67	276364	45.692	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.380%		
41) Toluene-d8	7.236	98	742349	43.100	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.200%		
43) trans-1,3-Dichloroprop...	7.548	79	114669	40.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.620%		
47) 2-Hexanone-d5	8.024	63	111688	87.448	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.450%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	310820	44.227	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	88.460%		
66) 1,2-Dichlorobenzene-d4	11.554	152	277982	47.395	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.800%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.712	101	11952	1.565	ug/L	97
12) 1,1-Dichloroethene	2.069	96	313020	73.415	ug/L #	74
17) trans-1,2-Dichloroethene	2.690	96	19713	4.370	ug/L	89
19) 1,1-Dichloroethane	3.105	63	950391	109.972	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	262764	52.058	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	2292202	306.602	ug/L	99
34) Trichloroethene	5.828	95	207673	42.597	ug/L	97
45) 1,1,2-Trichloroethane	7.776	97	7628	1.680	ug/L	91
46) Tetrachloroethene	7.899	164	260830	69.974	ug/L	99

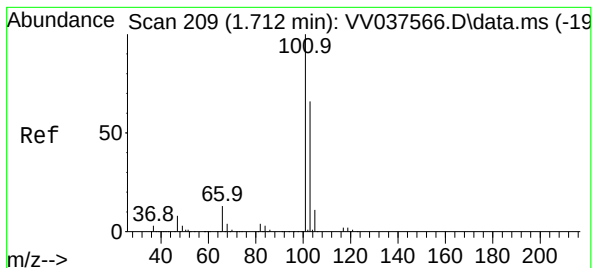
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#9

Trichlorofluoromethane

Concen: 1.565 ug/L

RT: 1.712 min Scan# 209

Delta R.T. 0.000 min

Lab File: VV037574.D

Acq: 27 Sep 2024 01:32

Instrument :

MSVOA_V

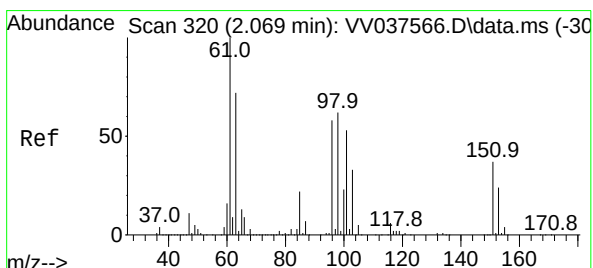
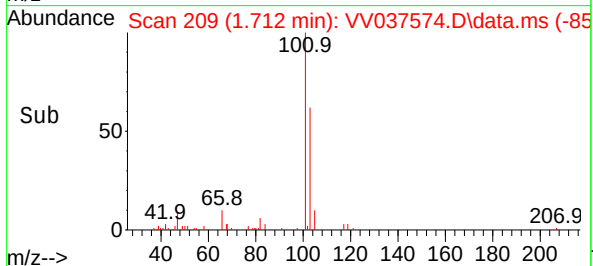
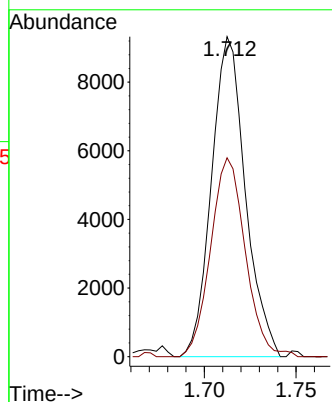
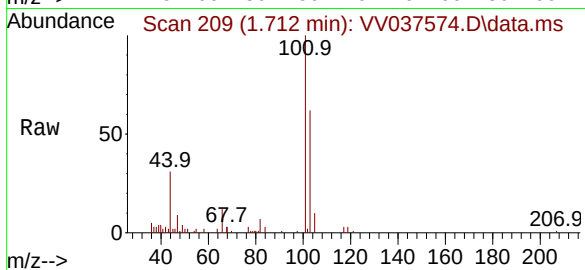
ClientSampleId :

Tgt Ion:101 Resp: 11952

Ion Ratio Lower Upper

101 100

103 63.1 52.2 78.4



#12

1,1-Dichloroethene

Concen: 73.415 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV037574.D

Acq: 27 Sep 2024 01:32

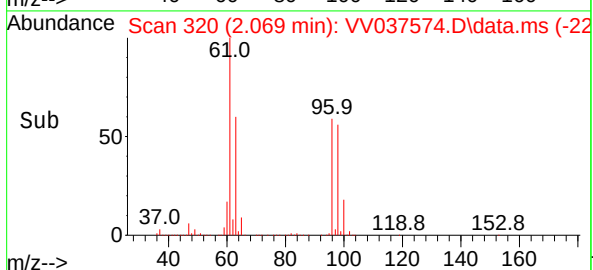
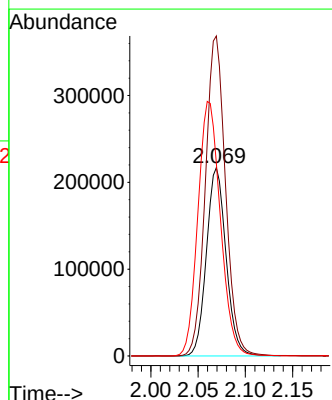
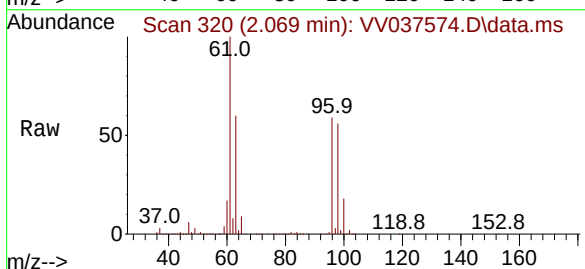
Tgt Ion: 96 Resp: 313020

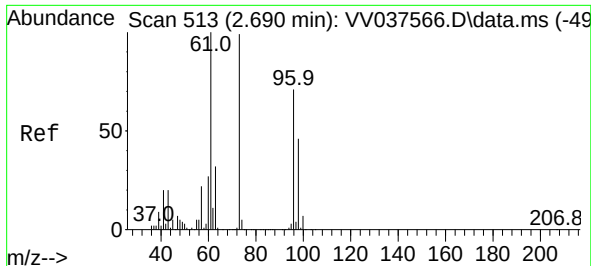
Ion Ratio Lower Upper

96 100

61 169.9 122.6 227.6

63 102.3 118.0 219.2#





#17

trans-1,2-Dichloroethene

Concen: 4.370 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.000 min

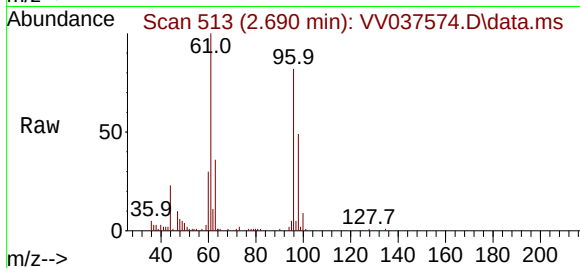
Lab File: VV037574.D

Acq: 27 Sep 2024 01:32

Instrument :

MSVOA_V

ClientSampleId :



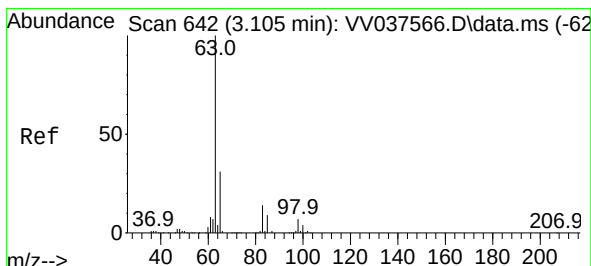
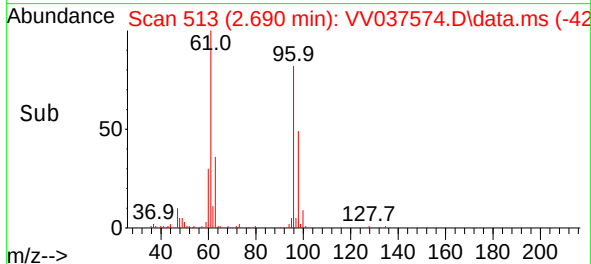
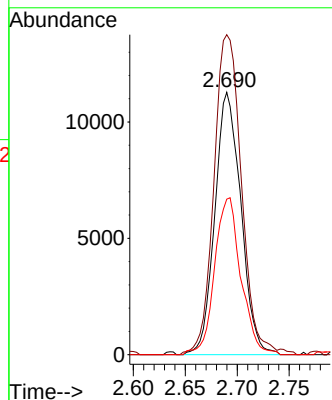
Tgt Ion: 96 Resp: 19713

Ion Ratio Lower Upper

96 100

61 121.9 97.3 180.7

98 59.3 43.9 81.5



#19

1,1-Dichloroethane

Concen: 109.972 ug/L

RT: 3.105 min Scan# 642

Delta R.T. 0.000 min

Lab File: VV037574.D

Acq: 27 Sep 2024 01:32

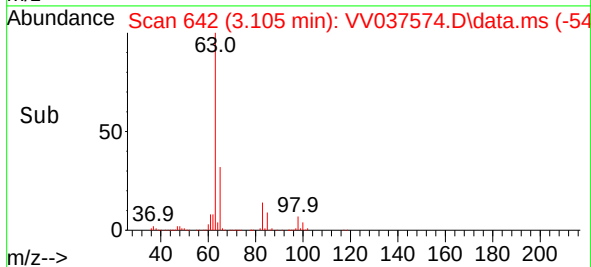
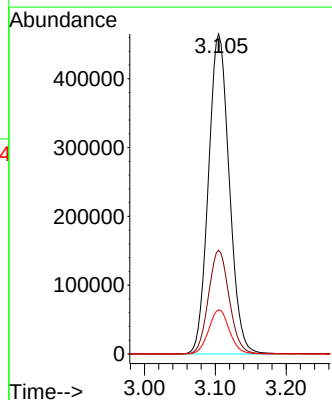
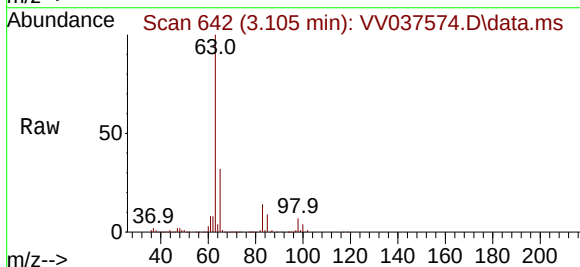
Tgt Ion: 63 Resp: 950391

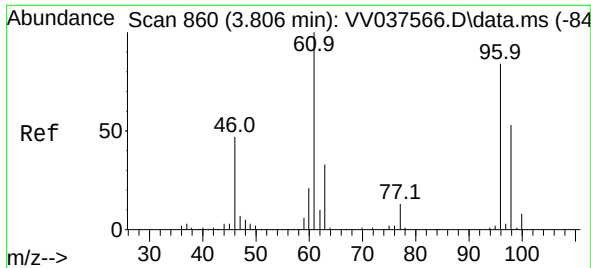
Ion Ratio Lower Upper

63 100

65 32.4 22.4 41.6

83 13.8 9.5 17.7





#20

cis-1,2-Dichloroethene

Concen: 52.058 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV037574.D

Acq: 27 Sep 2024 01:32

Instrument :

MSVOA_V

ClientSampleId :

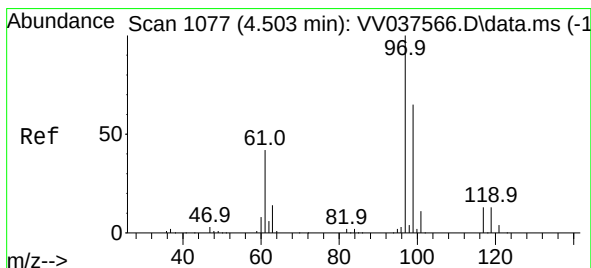
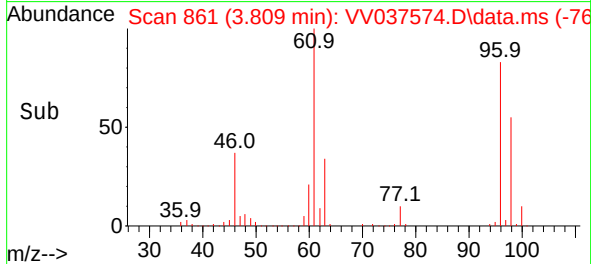
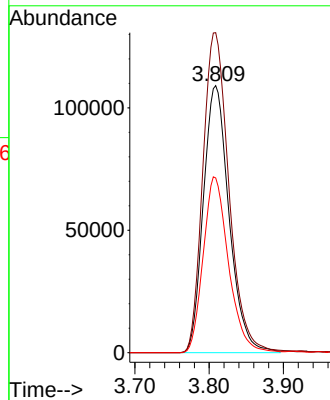
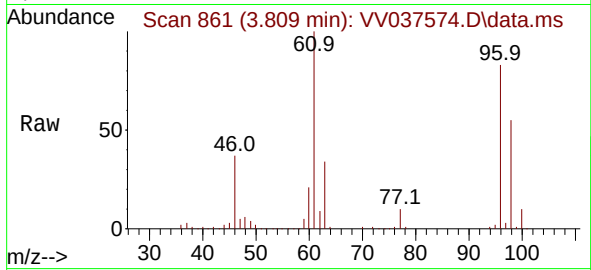
Tgt Ion: 96 Resp: 262764

Ion Ratio Lower Upper

96 100

61 119.9 85.0 157.8

98 65.5 44.2 82.0



#30

1,1,1-Trichloroethane

Concen: 306.602 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV037574.D

Acq: 27 Sep 2024 01:32

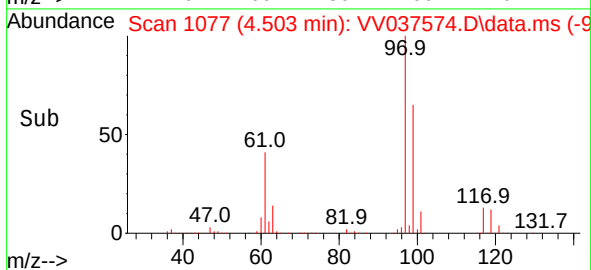
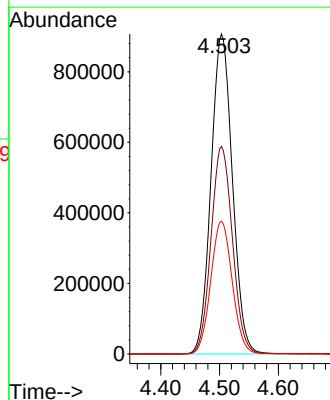
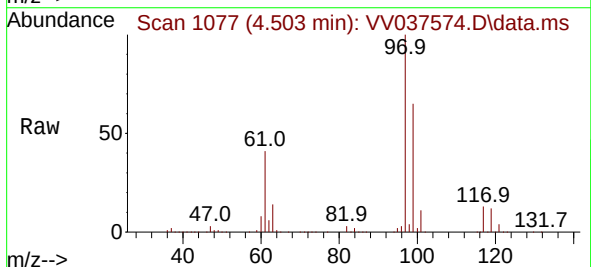
Tgt Ion: 97 Resp: 2292202

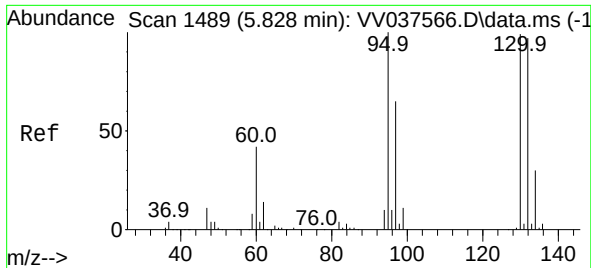
Ion Ratio Lower Upper

97 100

99 65.2 51.8 77.6

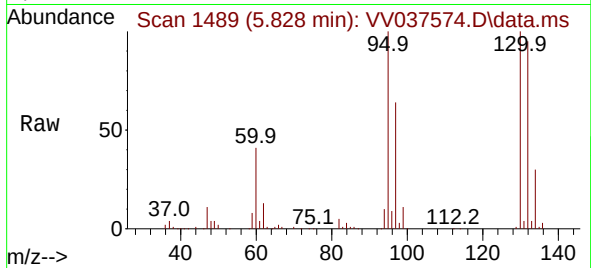
61 41.6 33.6 50.4





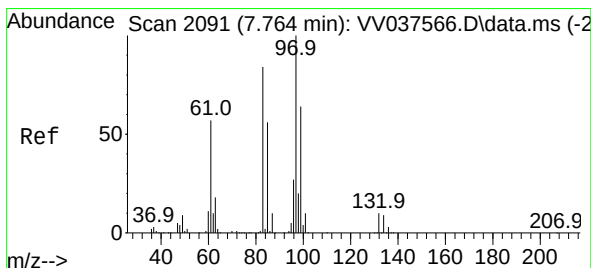
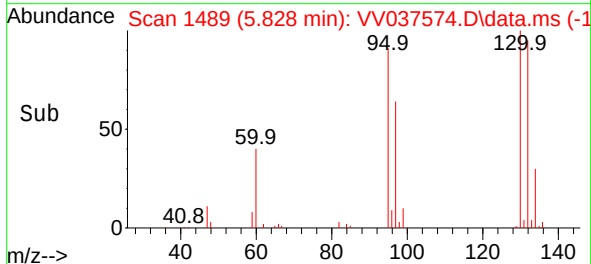
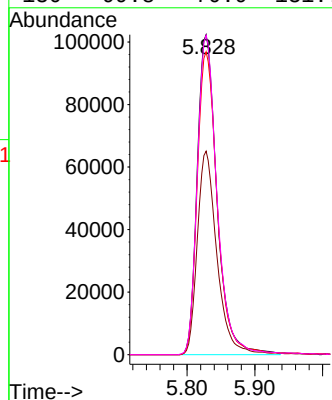
#34
 Trichloroethene
 Concen: 42.597 ug/L
 RT: 5.828 min Scan# 1489
 Delta R.T. 0.000 min
 Lab File: VV037574.D
 Acq: 27 Sep 2024 01:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 95 Resp: 207673

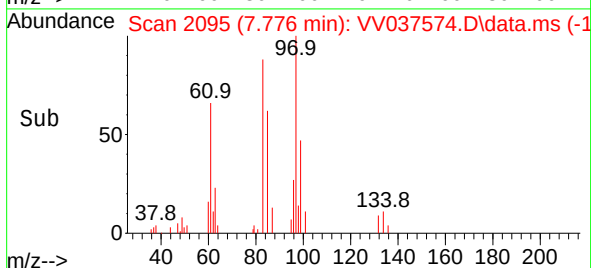
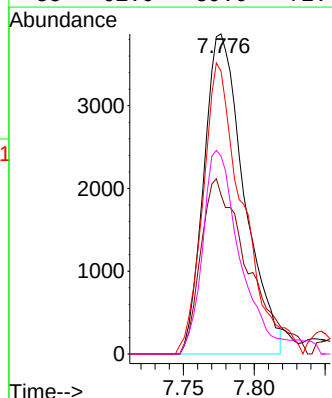
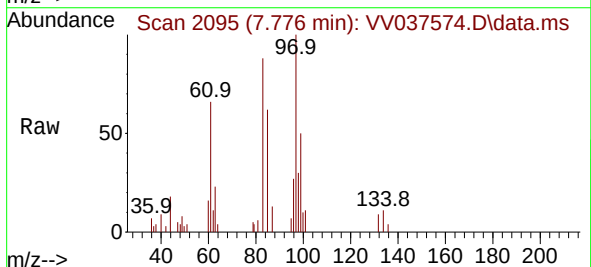
Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.3	85.9
132	94.7	68.6	127.4
130	99.8	70.9	131.7

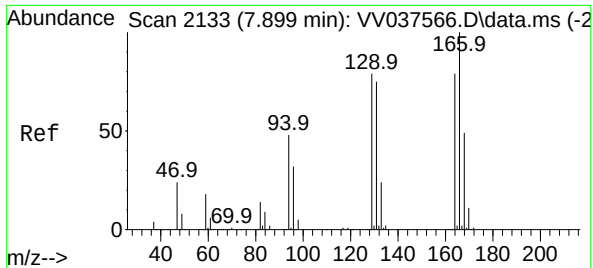


#45
 1,1,2-Trichloroethane
 Concen: 1.680 ug/L
 RT: 7.776 min Scan# 2095
 Delta R.T. 0.013 min
 Lab File: VV037574.D
 Acq: 27 Sep 2024 01:32

Tgt Ion: 97 Resp: 7628

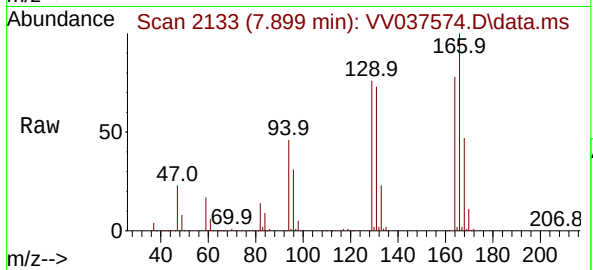
Ion	Ratio	Lower	Upper
97	100		
99	49.8	44.1	81.9
83	88.4	59.3	110.1
85	61.9	39.0	72.4





#46
Tetrachloroethene
Concen: 69.974 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037574.D
Acq: 27 Sep 2024 01:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:164 Resp: 260830

Ion	Ratio	Lower	Upper
164	100		
129	98.1	68.2	126.6
131	94.1	66.1	122.8
166	128.8	91.1	169.1

