

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037581.D
 Acq On : 27 Sep 2024 04:02
 Operator : SY/MD
 Sample : P4185-09
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 05:58:29 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)

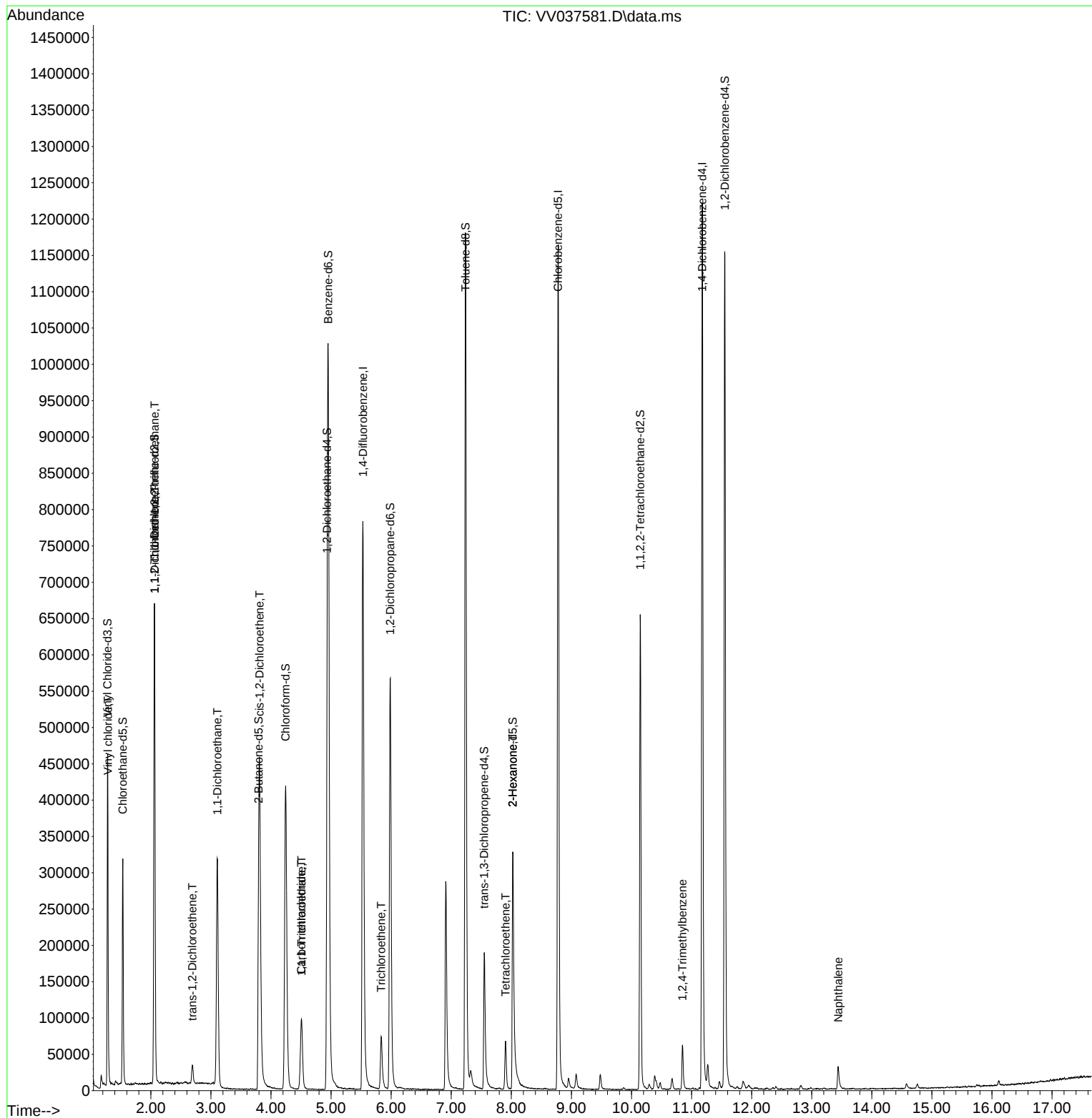
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	694764	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	658280	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	313648	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	252757	41.443	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	82.880%		
7) Chloroethane-d5	1.532	69	200083	42.265	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.520%		
11) 1,1-Dichloroethene-d2	2.060	65	109404	42.936	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.880%		
21) 2-Butanone-d5	3.793	46	193378	89.019	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	89.020%		
24) Chloroform-d	4.243	84	457037	42.120	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.240%		
26) 1,2-Dichloroethane-d4	4.934	65	273153	43.008	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
32) Benzene-d6	4.953	84	919131	44.620	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.240%		
36) 1,2-Dichloropropane-d6	5.982	67	285899	43.587	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.180%		
41) Toluene-d8	7.236	98	811845	43.464	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.920%		
43) trans-1,3-Dichloroprop...	7.548	79	122144	40.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.180%		
47) 2-Hexanone-d5	8.024	63	115613	83.472	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.470%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	320627	42.069	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.140%		
66) 1,2-Dichlorobenzene-d4	11.554	152	303644	45.943	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.880%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.285	62	57515	9.343	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	3573	0.722	ug/L #	23
12) 1,1-Dichloroethene	2.063	96	5554	1.201	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	9351	1.911	ug/L	96
19) 1,1-Dichloroethane	3.108	63	312316	33.313	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	215814	39.412	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	81857	10.096	ug/L	99
31) Carbon tetrachloride	4.506	117	10679	1.515	ug/L	94
34) Trichloroethene	5.834	95	26820	5.073	ug/L	97
46) Tetrachloroethene	7.905	164	14609	3.614	ug/L	93
48) 2-Hexanone	8.024	43	14462	4.456	ug/L #	80
63) 1,2,4-Trimethylbenzene	10.850	105	35993	2.244	ug/L	97
71) Naphthalene	13.442	128	29739	1.818	ug/L	98

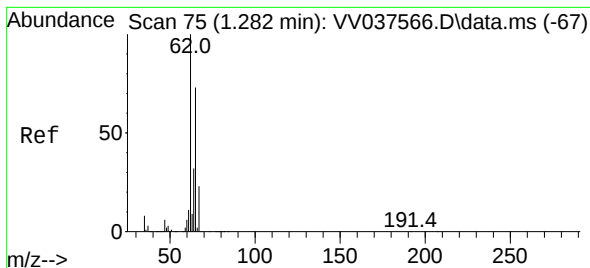
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037581.D
Acq On : 27 Sep 2024 04:02
Operator : SY/MD
Sample : P4185-09
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Sep 27 05:58:29 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





#5

Vinyl chloride

Concen: 9.343 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.003 min

Lab File: VV037581.D

Acq: 27 Sep 2024 04:02

Instrument :

MSVOA_V

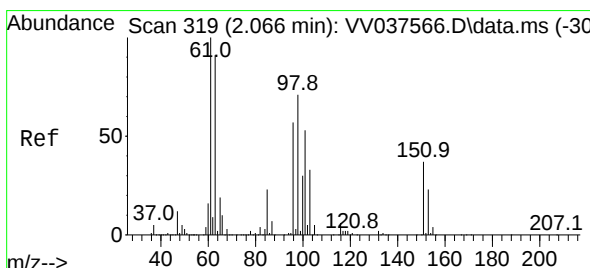
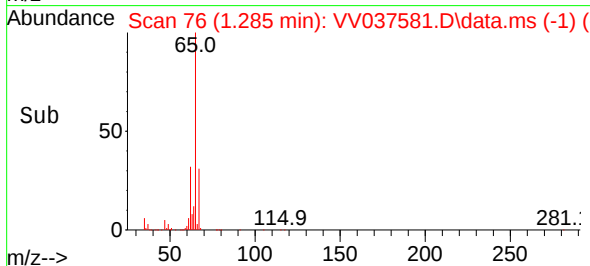
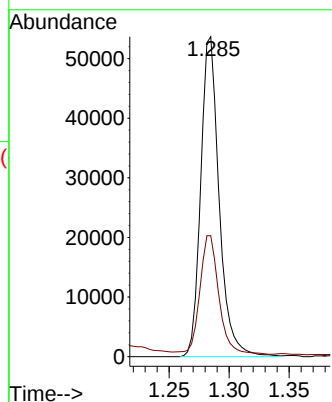
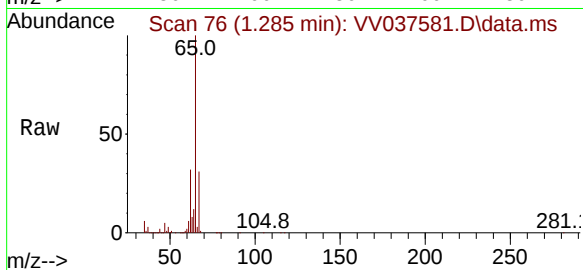
ClientSampleId :

Tgt Ion: 62 Resp: 57515

Ion Ratio Lower Upper

62 100

64 37.8 23.2 43.0



#10

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

Concen: 0.722 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.003 min

Lab File: VV037581.D

Acq: 27 Sep 2024 04:02

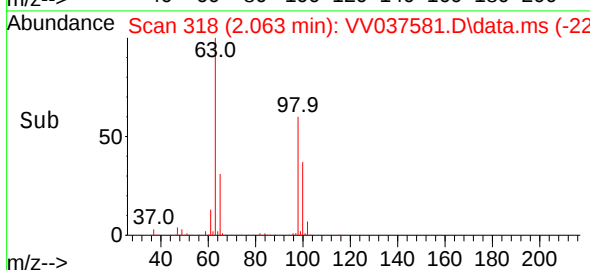
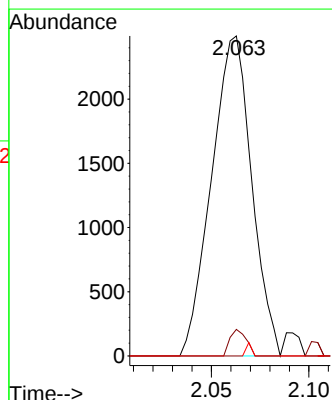
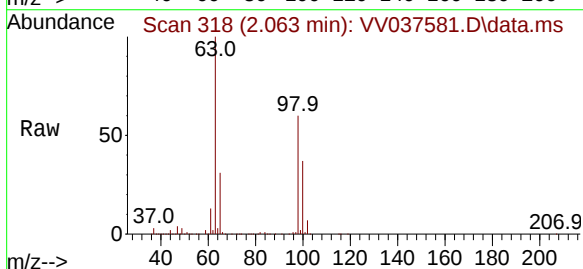
Tgt Ion: 101 Resp: 3573

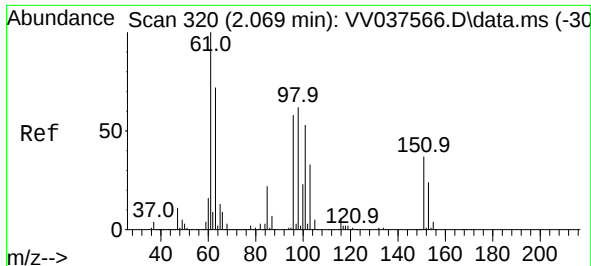
Ion Ratio Lower Upper

101 100

85 3.4 34.6 52.0#

151 0.0 57.5 86.3#





#12

1,1-Dichloroethene

Concen: 1.201 ug/L

RT: 2.063 min Scan# 31

Delta R.T. -0.007 min

Lab File: VV037581.D

Acq: 27 Sep 2024 04:02

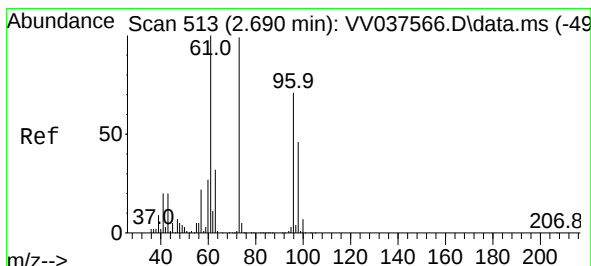
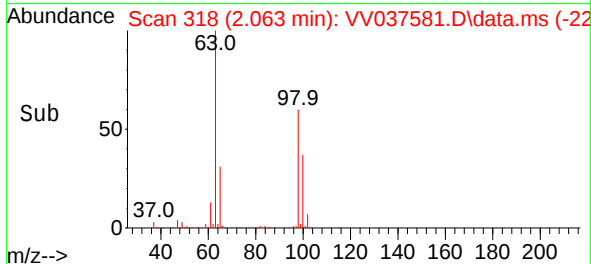
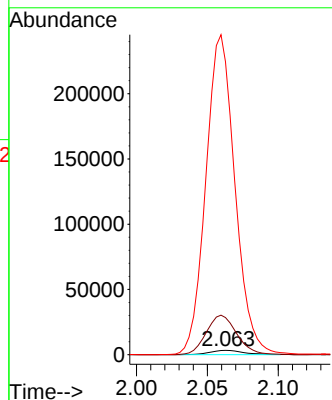
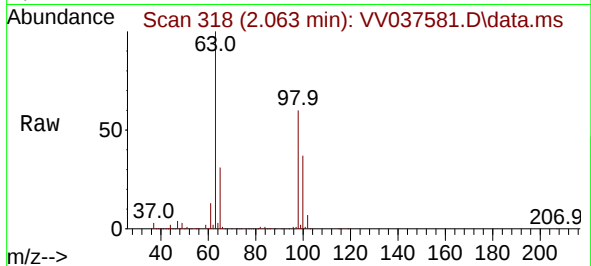
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 5554

Ion	Ratio	Lower	Upper
96	100		
61	863.8	122.6	227.6#
63	6811.5	118.0	219.2#



#17

trans-1,2-Dichloroethene

Concen: 1.911 ug/L

RT: 2.690 min Scan# 513

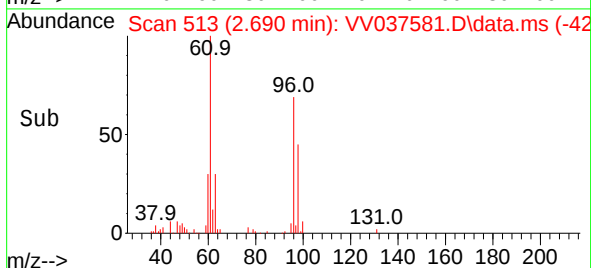
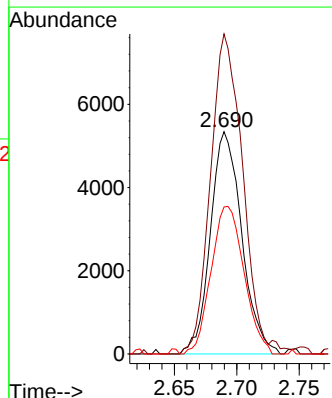
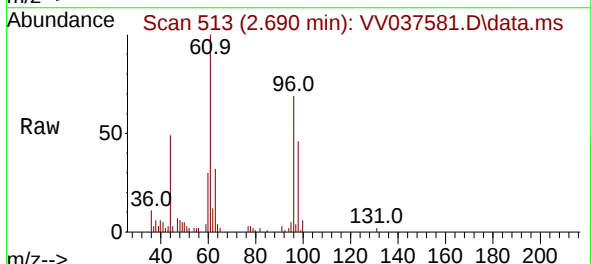
Delta R.T. -0.000 min

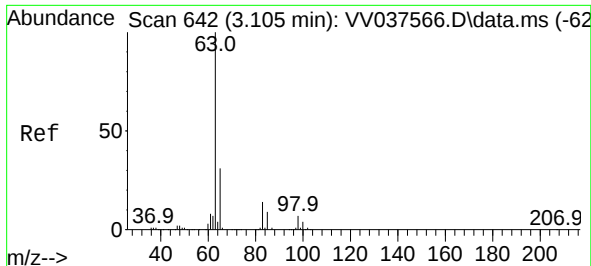
Lab File: VV037581.D

Acq: 27 Sep 2024 04:02

Tgt Ion: 96 Resp: 9351

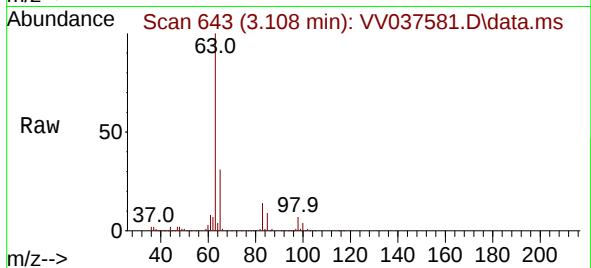
Ion	Ratio	Lower	Upper
96	100		
61	144.0	97.3	180.7
98	66.2	43.9	81.5



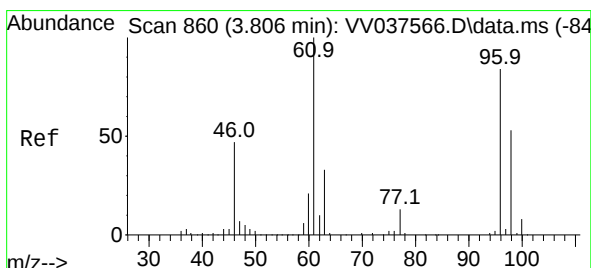
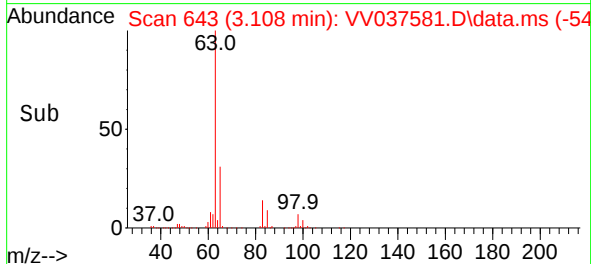
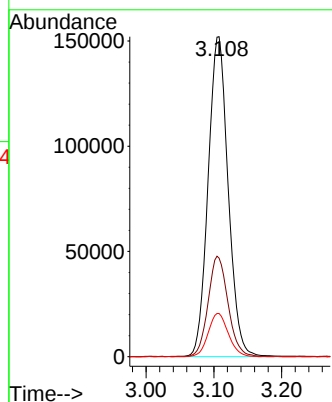


#19
1,1-Dichloroethane
Concen: 33.313 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037581.D
Acq: 27 Sep 2024 04:02

Instrument :
MSVOA_V
ClientSampleId :

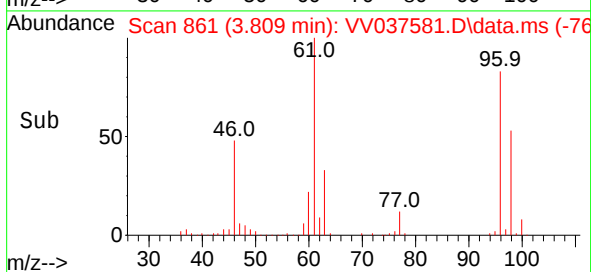
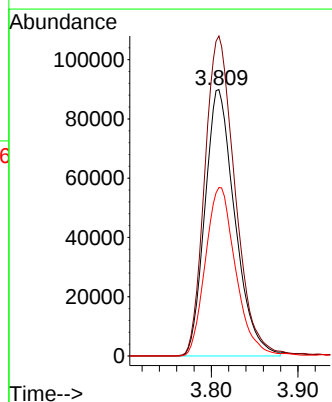
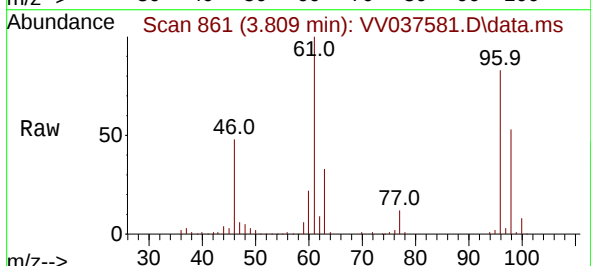


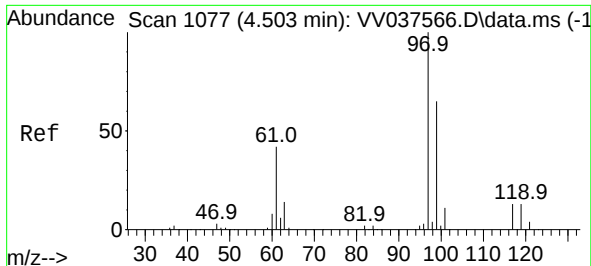
Tgt Ion: 63 Resp: 312316
Ion Ratio Lower Upper
63 100
65 30.8 22.4 41.6
83 13.5 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 39.412 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV037581.D
Acq: 27 Sep 2024 04:02

Tgt Ion: 96 Resp: 215814
Ion Ratio Lower Upper
96 100
61 120.1 85.0 157.8
98 63.2 44.2 82.0





#30

1,1,1-Trichloroethane

Concen: 10.096 ug/L

RT: 4.510 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV037581.D

Acq: 27 Sep 2024 04:02

Instrument :

MSVOA_V

ClientSampleId :

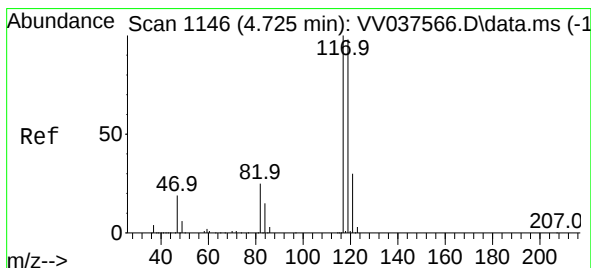
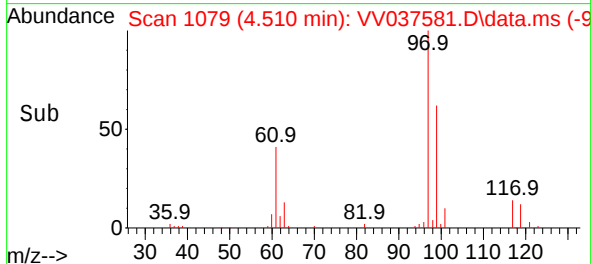
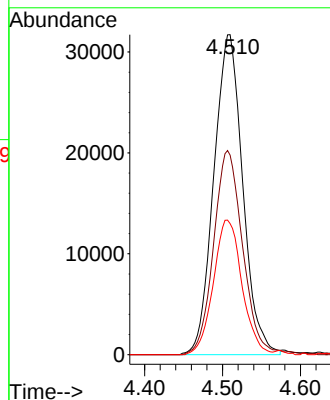
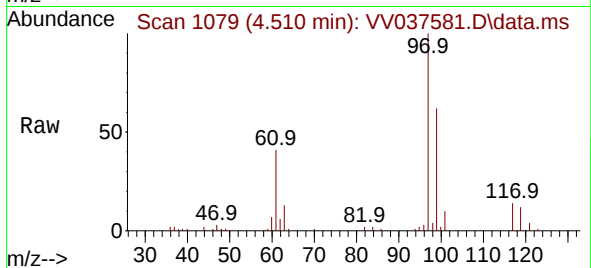
Tgt Ion: 97 Resp: 81857

Ion Ratio Lower Upper

97 100

99 63.9 51.8 77.6

61 41.6 33.6 50.4



#31

Carbon tetrachloride

Concen: 1.515 ug/L

RT: 4.506 min Scan# 1078

Delta R.T. -0.219 min

Lab File: VV037581.D

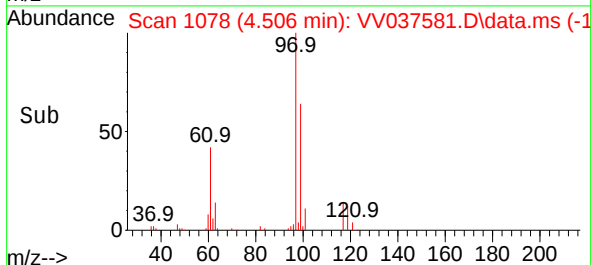
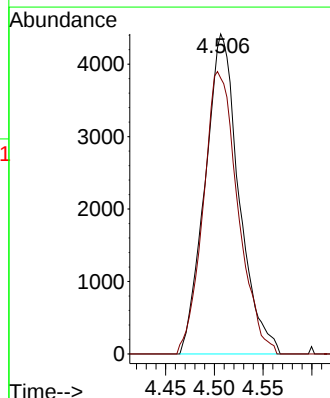
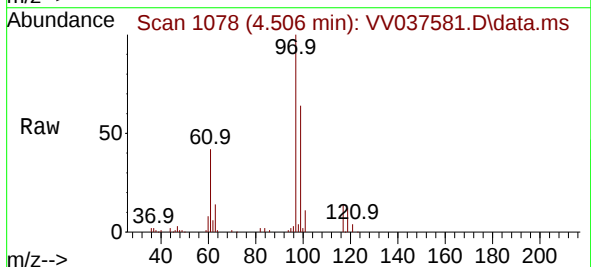
Acq: 27 Sep 2024 04:02

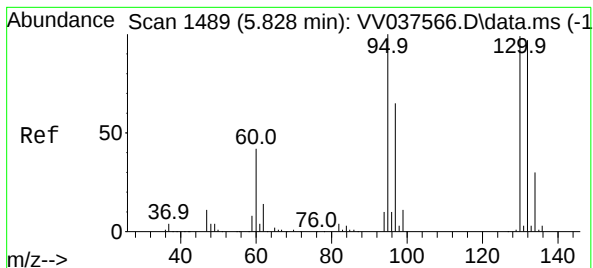
Tgt Ion:117 Resp: 10679

Ion Ratio Lower Upper

117 100

119 90.2 76.9 115.3





#34

Trichloroethene

Concen: 5.073 ug/L

RT: 5.834 min Scan# 1489

Delta R.T. 0.006 min

Lab File: VV037581.D

Acq: 27 Sep 2024 04:02

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 26820

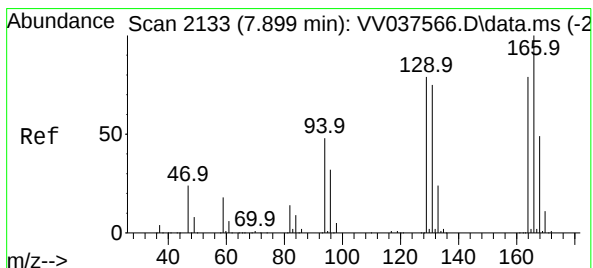
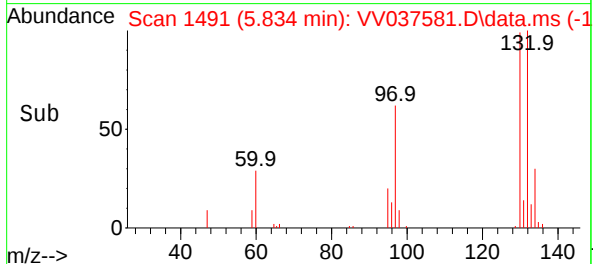
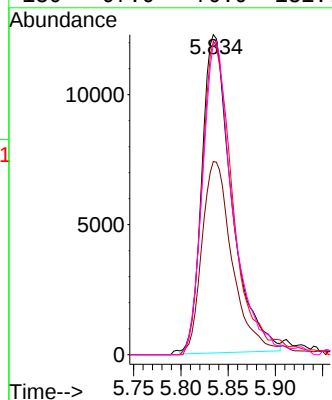
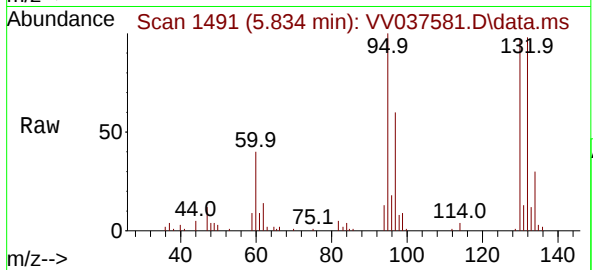
Ion Ratio Lower Upper

95 100

97 60.4 46.3 85.9

132 98.0 68.6 127.4

130 97.0 70.9 131.7



#46

Tetrachloroethene

Concen: 3.614 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.006 min

Lab File: VV037581.D

Acq: 27 Sep 2024 04:02

Tgt Ion:164 Resp: 14609

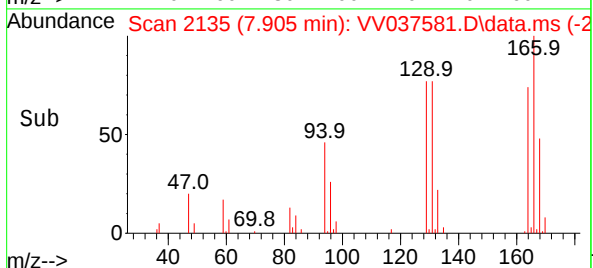
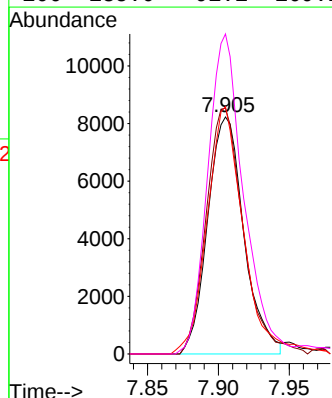
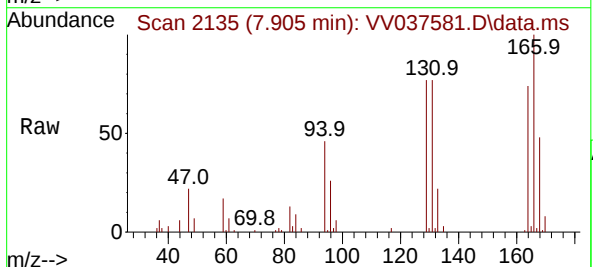
Ion Ratio Lower Upper

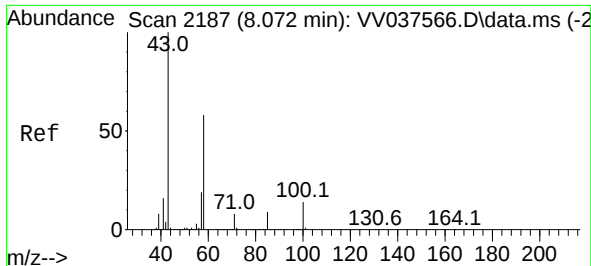
164 100

129 103.7 68.2 126.6

131 104.4 66.1 122.8

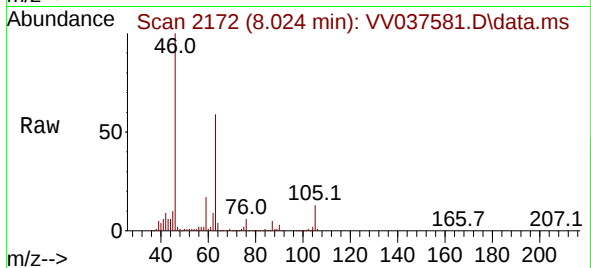
166 135.0 91.1 169.1



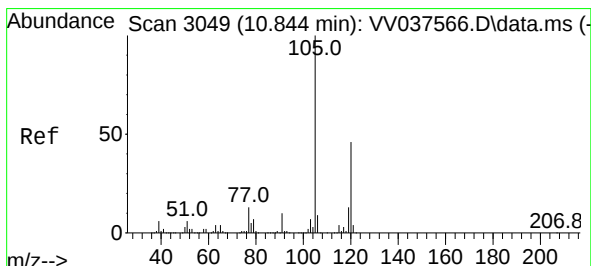
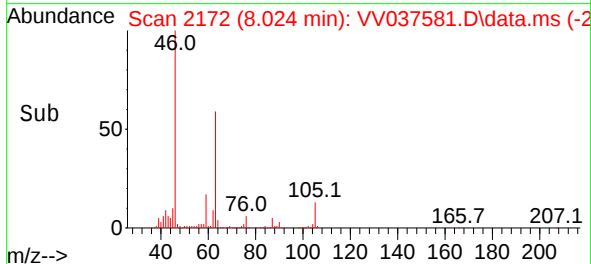
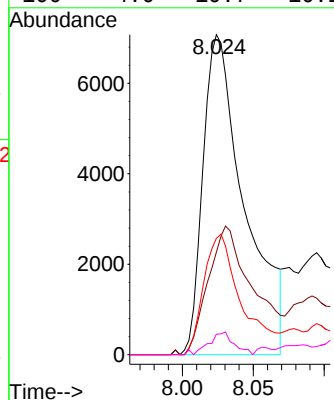


#48
2-Hexanone
Concen: 4.456 ug/L
RT: 8.024 min Scan# 2187
Delta R.T. -0.048 min
Lab File: VV037581.D
Acq: 27 Sep 2024 04:02

Instrument :
MSVOA_V
ClientSampleId :

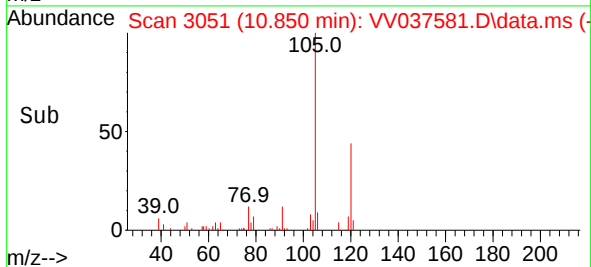
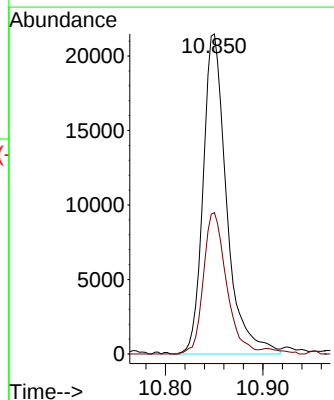
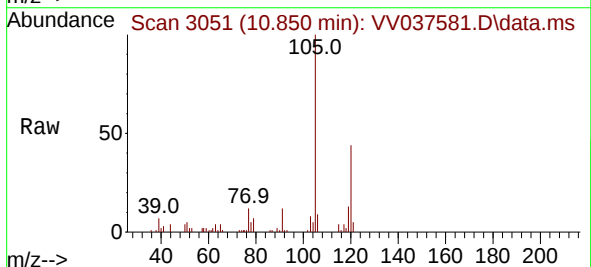


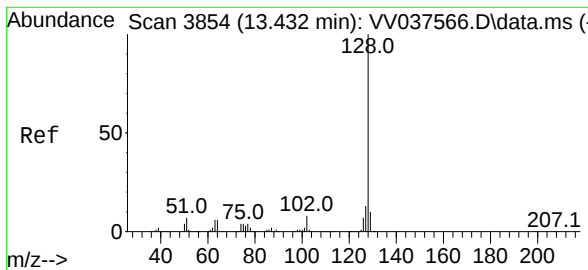
Tgt Ion: 43 Resp: 14462
Ion Ratio Lower Upper
43 100
58 44.4 46.5 69.7#
57 29.6 15.1 22.7#
100 4.0 10.7 16.1#



#63
1,2,4-Trimethylbenzene
Concen: 2.244 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VV037581.D
Acq: 27 Sep 2024 04:02

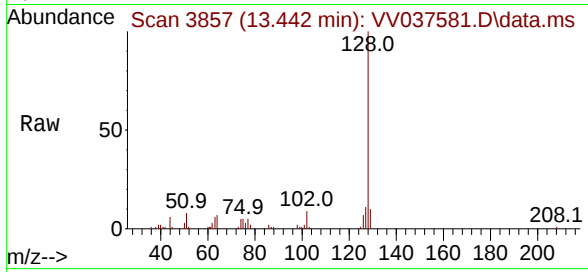
Tgt Ion: 105 Resp: 35993
Ion Ratio Lower Upper
105 100
120 43.3 36.2 54.2





#71
 Naphthalene
 Concen: 1.818 ug/L
 RT: 13.442 min Scan# 3857
 Delta R.T. 0.010 min
 Lab File: VV037581.D
 Acq: 27 Sep 2024 04:02

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:128 Resp: 29739
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.2 15.4
 129 9.4 8.5 12.7

