

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037610.D
 Acq On : 27 Sep 2024 16:41
 Operator : SY/MD
 Sample : P4184-05DL 10X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 27 23:51:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

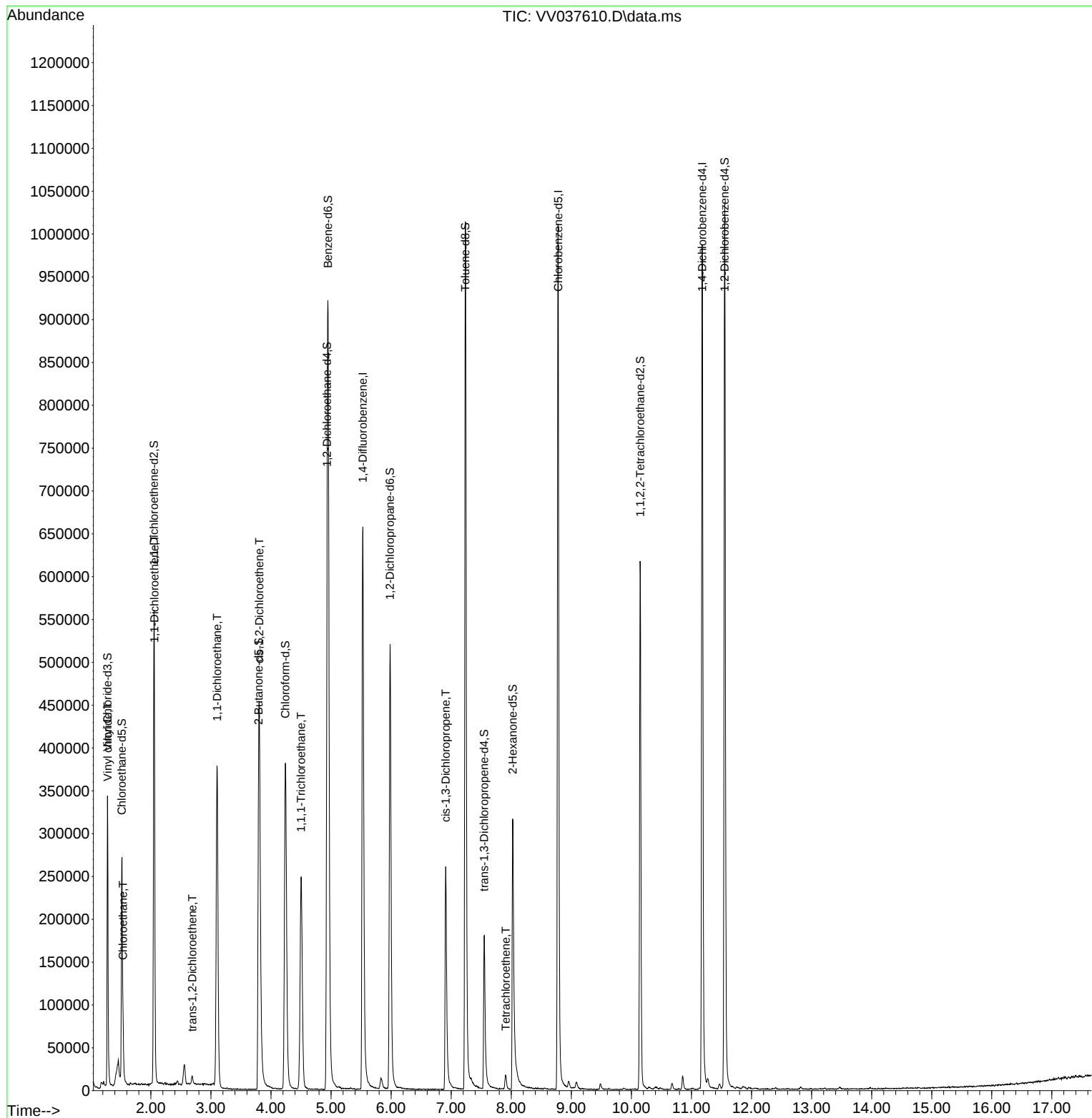
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	588413	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	561572	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	261309	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	212512	41.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.280%
7) Chloroethane-d5	1.516	69	180274	44.963	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.920%
11) 1,1-Dichloroethene-d2	2.053	65	92619	42.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.840%
21) 2-Butanone-d5	3.793	46	181064	98.416	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.420%
24) Chloroform-d	4.240	84	412778	44.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
26) 1,2-Dichloroethane-d4	4.934	65	252077	46.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.720%
32) Benzene-d6	4.950	84	815119	46.386	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.780%
36) 1,2-Dichloropropane-d6	5.982	67	262749	46.956	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.920%
41) Toluene-d8	7.236	98	690774	43.351	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.700%
43) trans-1,3-Dichloroprop...	7.548	79	112741	43.372	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.740%
47) 2-Hexanone-d5	8.024	63	109771	92.902	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.900%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	301992	46.448	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.900%
66) 1,2-Dichlorobenzene-d4	11.554	152	270516	49.128	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.260%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.282	62	22561	4.327	ug/L #	76
8) Chloroethane	1.536	64	34900	10.861	ug/L	100
12) 1,1-Dichloroethene	2.060	96	6757	1.725	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	3671	0.886	ug/L	88
19) 1,1-Dichloroethane	3.101	63	372154	46.870	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	210073	45.298	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	208417	30.133	ug/L	100
39) cis-1,3-Dichloropropene	6.908	75	7266	1.041	ug/L #	58
46) Tetrachloroethene	7.908	164	4418	1.281	ug/L	82

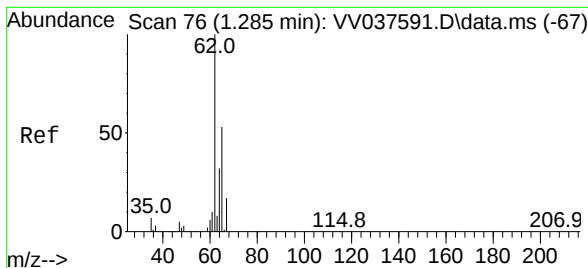
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Sep 27 23:45:04 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.327 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min MSVOA_V

Lab File: VV037610.D

Acq: 27 Sep 2024 16:41

Instrument :

MSVOA_V

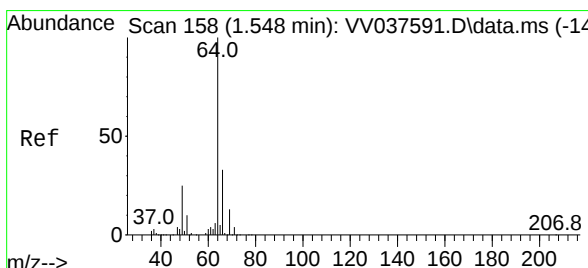
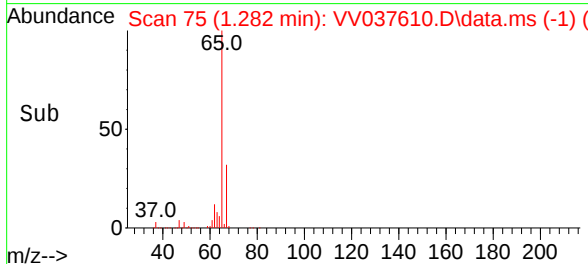
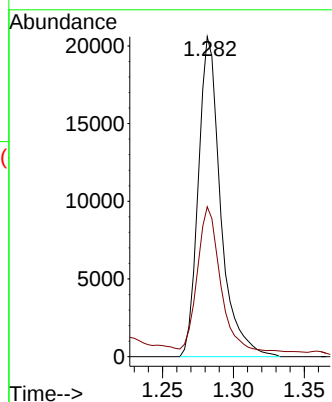
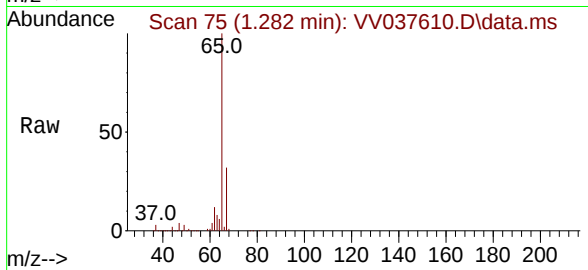
ClientSampleId :

Tgt Ion: 62 Resp: 22561

Ion Ratio Lower Upper

62 100

64 46.9 23.2 43.0#



#8

Chloroethane

Concen: 10.861 ug/L

RT: 1.536 min Scan# 154

Delta R.T. -0.013 min

Lab File: VV037610.D

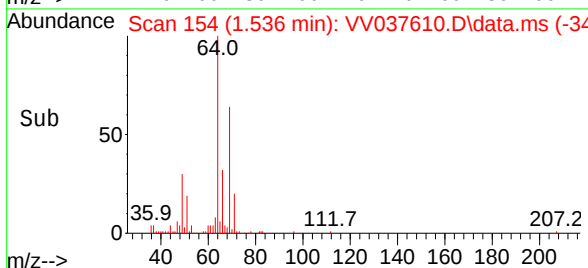
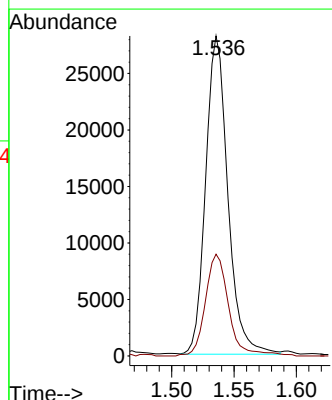
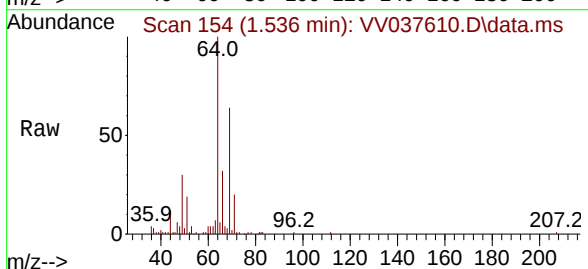
Acq: 27 Sep 2024 16:41

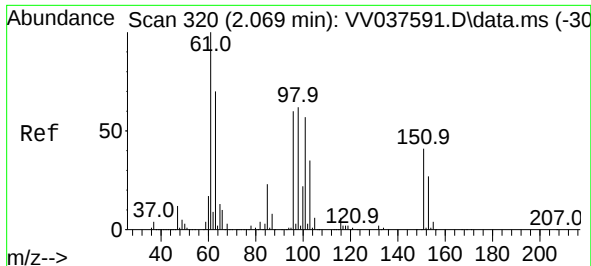
Tgt Ion: 64 Resp: 34900

Ion Ratio Lower Upper

64 100

66 31.8 22.2 41.2





#12

1,1-Dichloroethene

Concen: 1.725 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.009 min

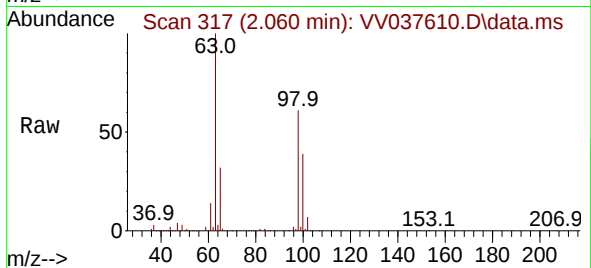
Lab File: VV037610.D

Acq: 27 Sep 2024 16:41

Instrument :

MSVOA_V

ClientSampleId :



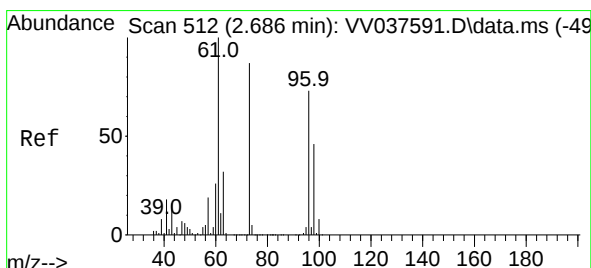
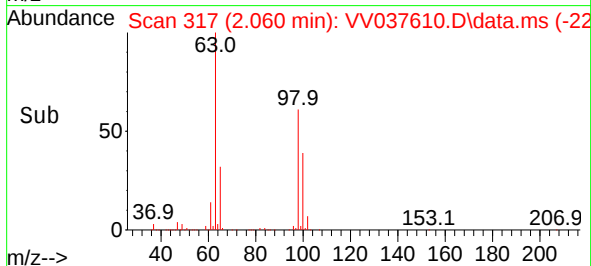
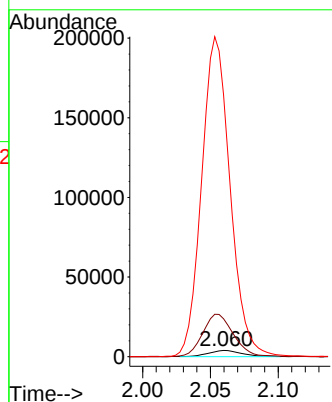
Tgt Ion: 96 Resp: 6757

Ion Ratio Lower Upper

96 100

61 608.4 122.6 227.6#

63 4204.5 118.0 219.2#



#17

trans-1,2-Dichloroethene

Concen: 0.886 ug/L

RT: 2.690 min Scan# 513

Delta R.T. 0.003 min

Lab File: VV037610.D

Acq: 27 Sep 2024 16:41

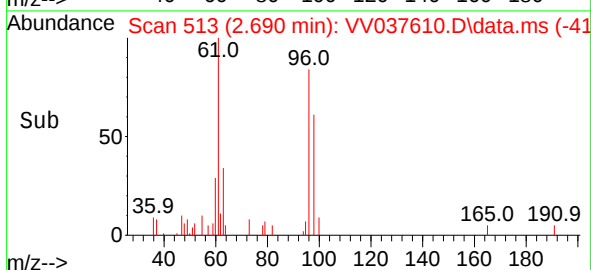
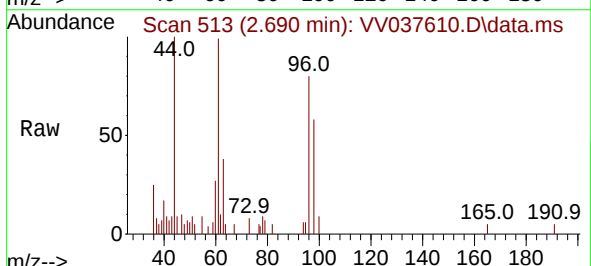
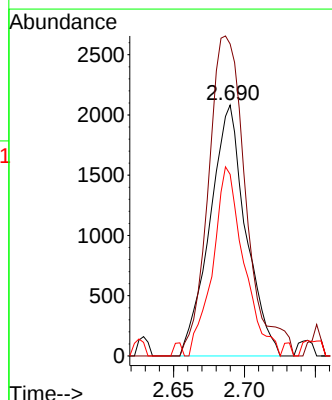
Tgt Ion: 96 Resp: 3671

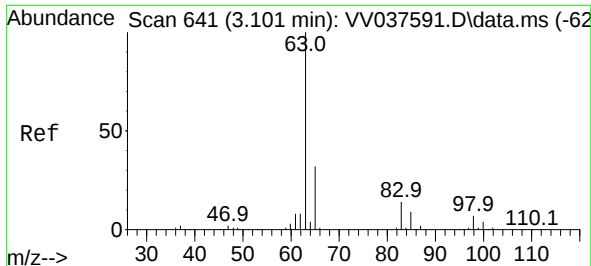
Ion Ratio Lower Upper

96 100

61 124.4 97.3 180.7

98 72.4 43.9 81.5

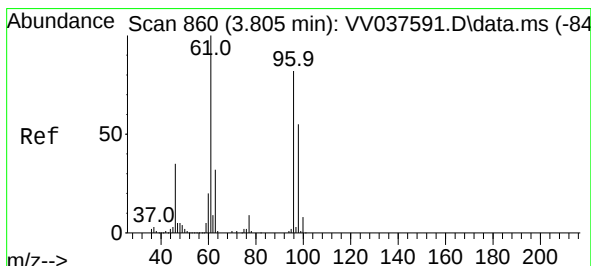
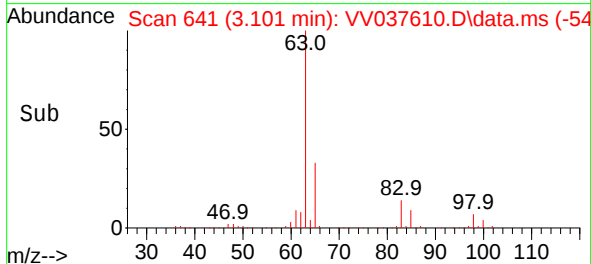
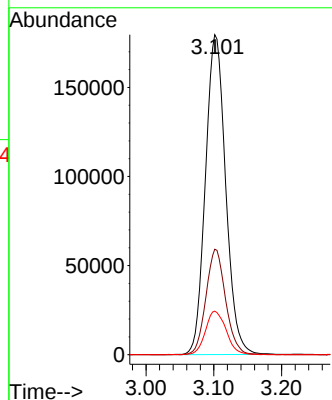
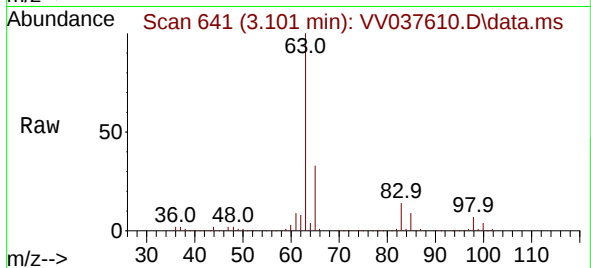




#19
1,1-Dichloroethane
Concen: 46.870 ug/L
RT: 3.101 min Scan# 641
Delta R.T. 0.000 min
Lab File: VV037610.D
Acq: 27 Sep 2024 16:41

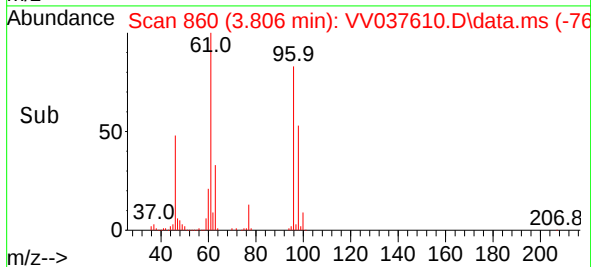
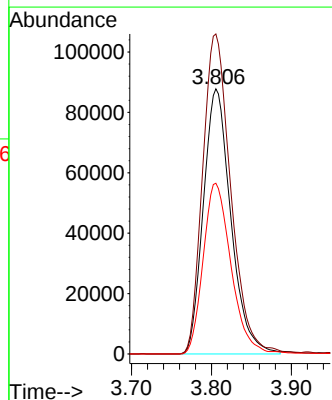
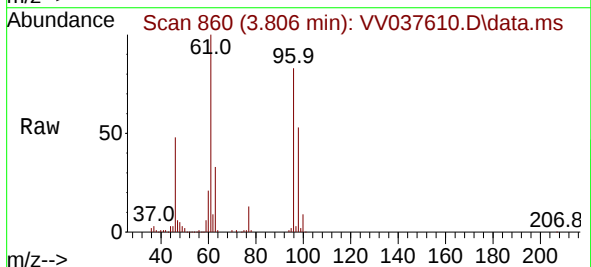
Instrument :
MSVOA_V
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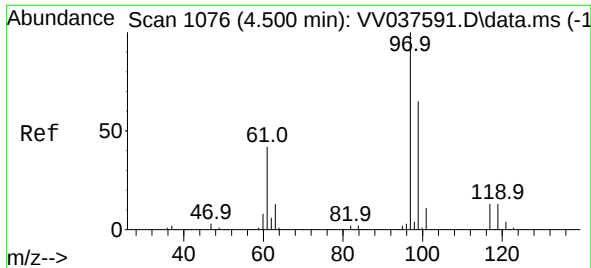
Tgt Ion: 63 Resp: 372154
Ion Ratio Lower Upper
63 100
65 32.9 22.4 41.6
83 13.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 45.298 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV037610.D
Acq: 27 Sep 2024 16:41

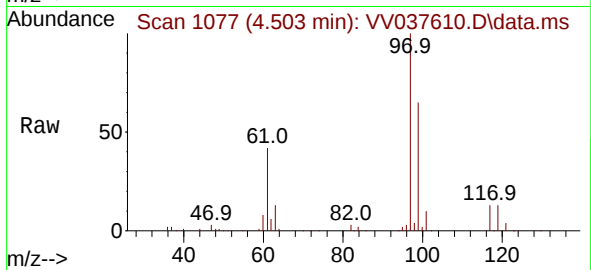
Tgt Ion: 96 Resp: 210073
Ion Ratio Lower Upper
96 100
61 120.7 85.0 157.8
98 64.4 44.2 82.0



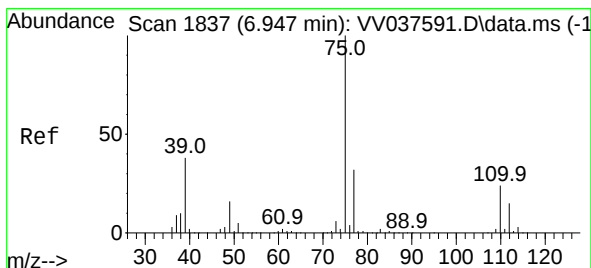
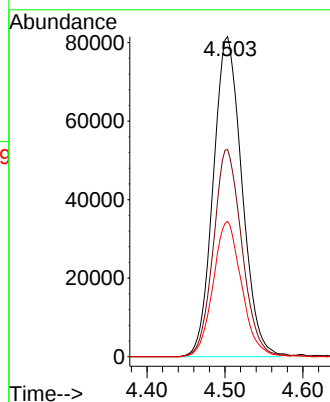
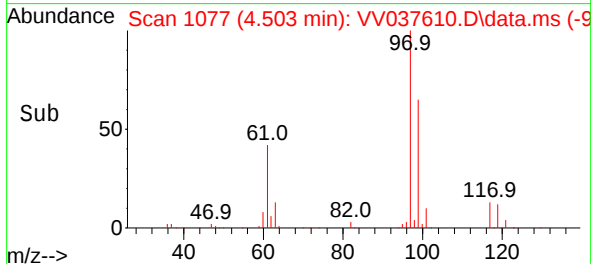


#30
1,1,1-Trichloroethane
Concen: 30.133 ug/L
RT: 4.503 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV037610.D
Acq: 27 Sep 2024 16:41

Instrument :
MSVOA_V
ClientSampleId :

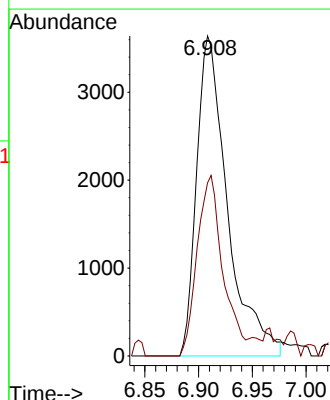
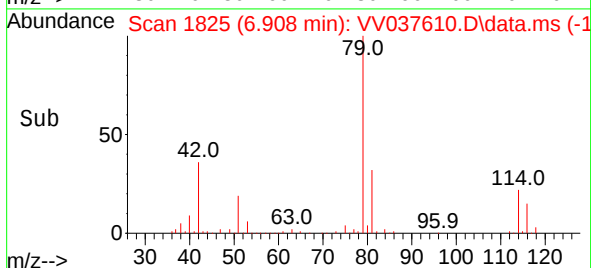
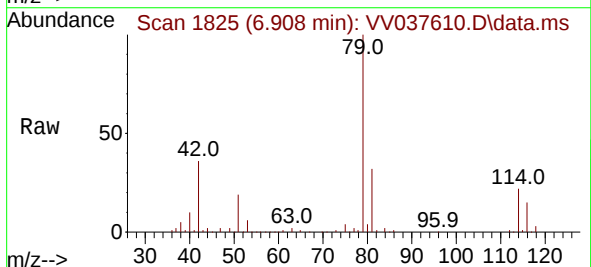


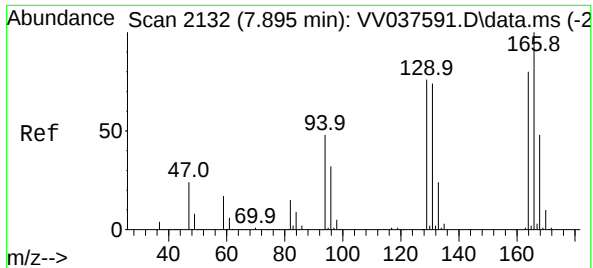
Tgt Ion: 97 Resp: 208417
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 42.0 33.6 50.4



#39
cis-1,3-Dichloropropene
Concen: 1.041 ug/L
RT: 6.908 min Scan# 1825
Delta R.T. -0.038 min
Lab File: VV037610.D
Acq: 27 Sep 2024 16:41

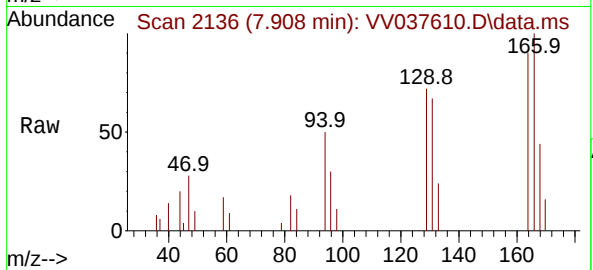
Tgt Ion: 75 Resp: 7266
Ion Ratio Lower Upper
75 100
77 54.1 21.8 40.4#





#46
 Tetrachloroethene
 Concen: 1.281 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VV037610.D
 Acq: 27 Sep 2024 16:41

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	164	Resp:	4418
Ion	Ratio	Lower	Upper
164	100		
129	80.4	68.2	126.6
131	74.2	66.1	122.8
166	111.1	91.1	169.1

