

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037552.D
 Acq On : 26 Sep 2024 16:49
 Operator : SY/MD
 Sample : P4184-01
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY029

Quant Time: Sep 27 00:52:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:49:09 2024
 Response via : Initial Calibration

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

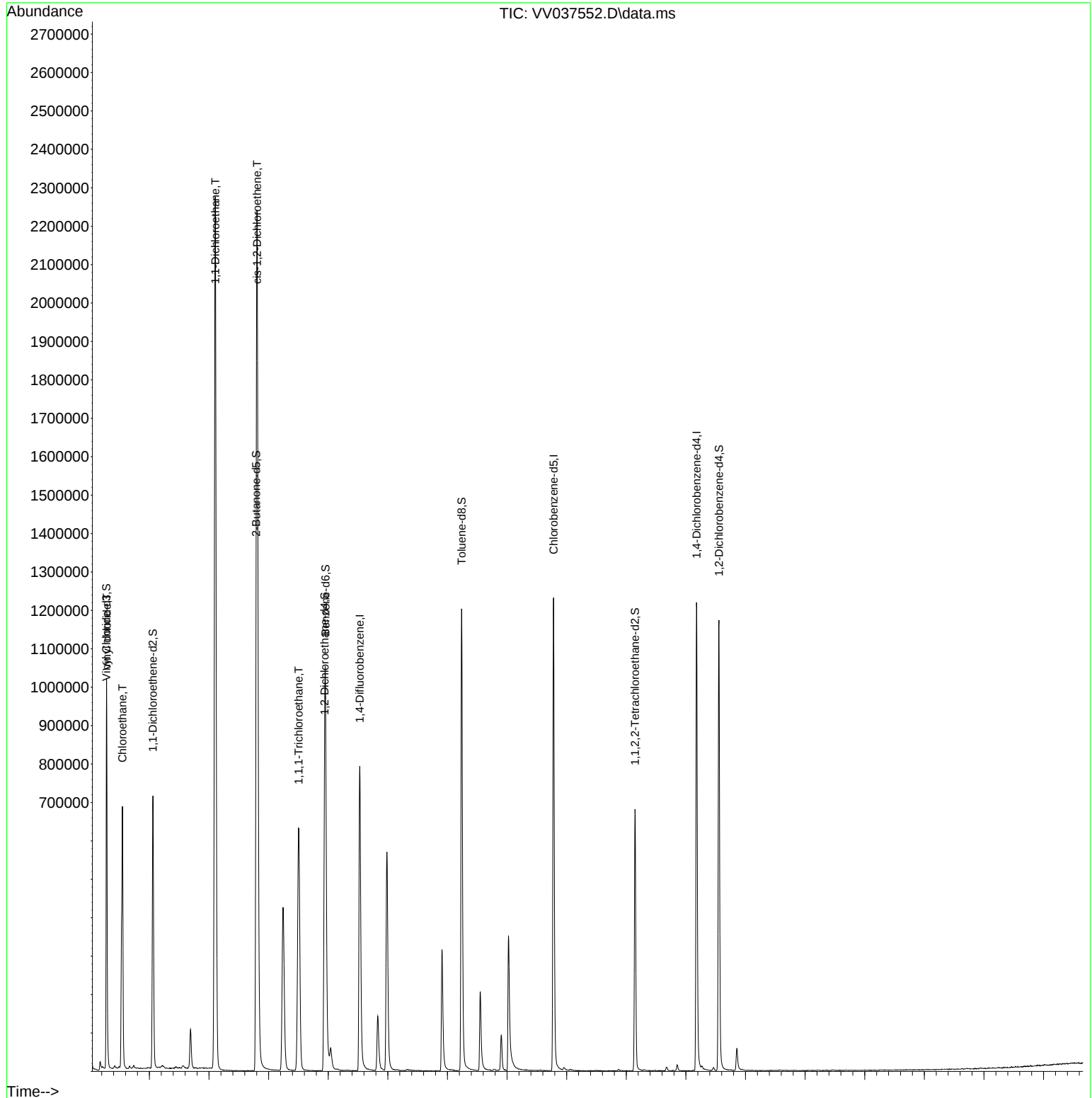
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	707506	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	670715	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	317862	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	272350	43.851	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.700%		
7) Chloroethane-d5	1.532	69	206451	42.824	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.640%		
11) 1,1-Dichloroethene-d2	2.060	65	114408	44.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	88.180%		
21) 2-Butanone-d5	3.789	46	205127	92.727	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.730%		
24) Chloroform-d	4.243	84	461281	41.746	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.500%		
26) 1,2-Dichloroethane-d4	4.937	65	278682	43.088	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.180%		
32) Benzene-d6	4.953	84	933634	44.484	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.960%		
36) 1,2-Dichloropropane-d6	5.986	67	292321	43.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.480%		
41) Toluene-d8	7.236	98	822558	43.221	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.440%		
43) trans-1,3-Dichloroprop...	7.548	79	128455	41.376	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.760%		
47) 2-Hexanone-d5	8.024	63	123995	87.864	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.860%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	328684	42.327	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	84.660%		
66) 1,2-Dichlorobenzene-d4	11.554	152	308219	46.017	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.040%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	425395	67.858	ug/L	98
8) Chloroethane	1.548	64	374798	97.001	ug/L	98
12) 1,1-Dichloroethene	2.069	96	18297	3.885	ug/L #	1
17) trans-1,2-Dichloroethene	2.690	96	36457	7.316	ug/L	99
19) 1,1-Dichloroethane	3.105	63	2256164	236.317	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	1213650	217.648	ug/L	99
27) 1,2-Dichloroethane	5.043	62	45228	6.481	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	532592	64.473	ug/L	100
33) Benzene	5.011	78	23793	1.176	ug/L	100
34) Trichloroethene	5.831	95	52323	9.713	ug/L	98
46) Tetrachloroethene	7.905	164	22043	5.352	ug/L	94

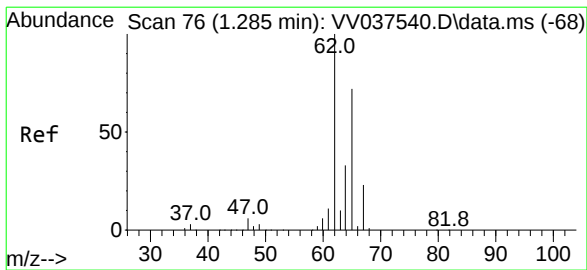
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 67.858 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.000 min

Lab File: VV037552.D

Acq: 26 Sep 2024 16:49

Instrument :

MSVOA_V

ClientSampleId :

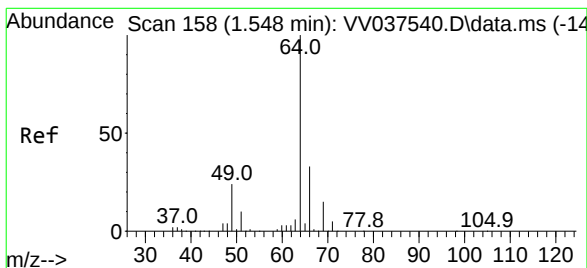
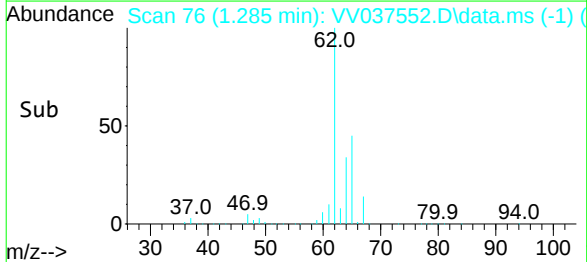
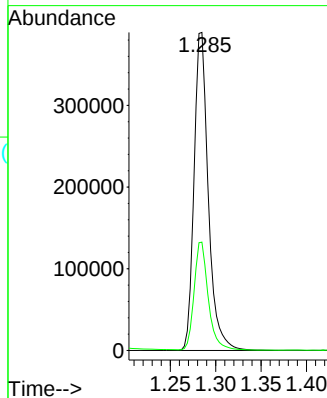
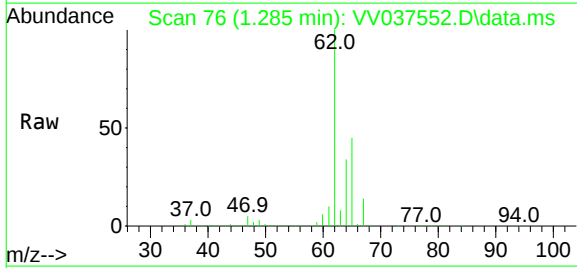
EY029

Tgt Ion: 62 Resp: 425395

Ion Ratio Lower Upper

62 100

64 34.1 23.2 43.0



#8

Chloroethane

Concen: 97.001 ug/L

RT: 1.548 min Scan# 158

Delta R.T. 0.000 min

Lab File: VV037552.D

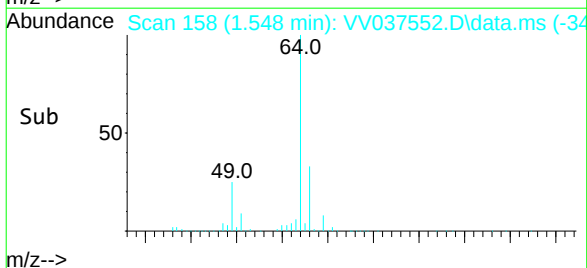
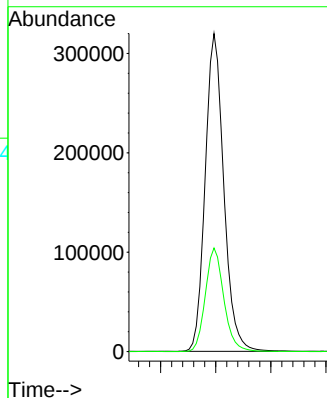
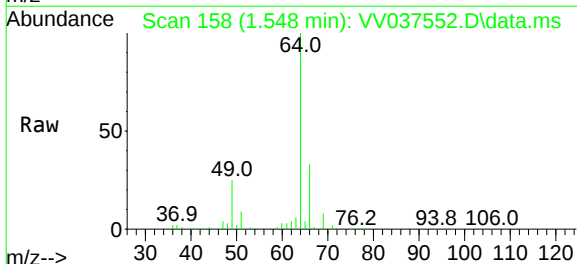
Acq: 26 Sep 2024 16:49

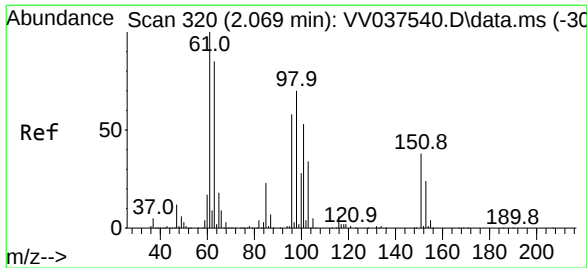
Tgt Ion: 64 Resp: 374798

Ion Ratio Lower Upper

64 100

66 32.6 22.2 41.2

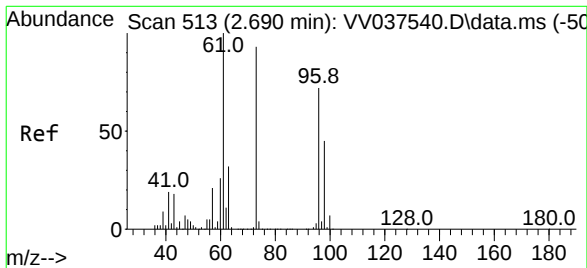
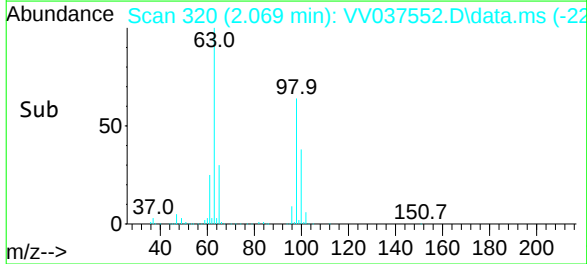
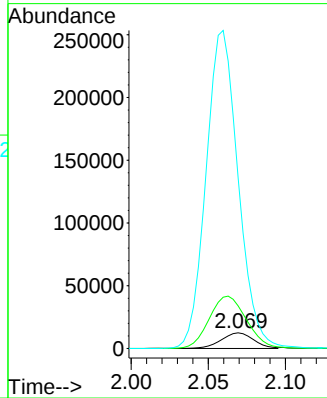
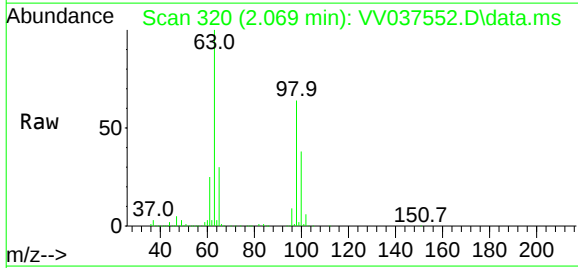




#12
1,1-Dichloroethene
Concen: 3.885 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.000 min
Lab File: VV037552.D
Acq: 26 Sep 2024 16:49

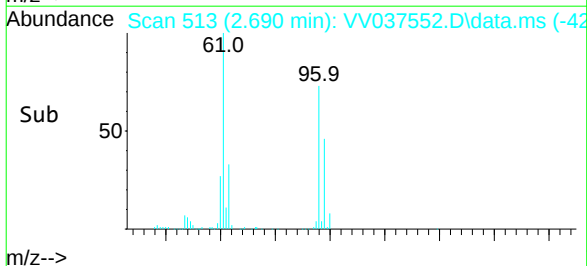
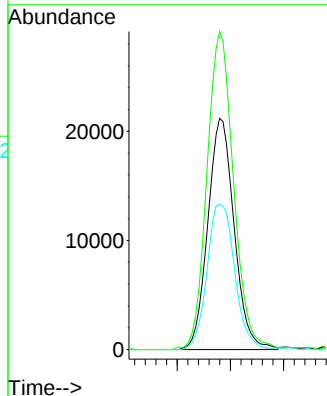
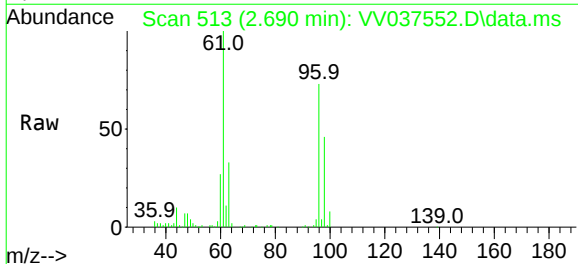
Instrument :
MSVOA_V
ClientSampleId :
EY029

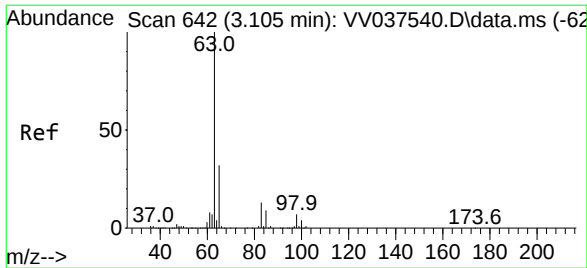
Tgt Ion: 96 Resp: 18297
Ion Ratio Lower Upper
96 100
61 272.0 122.6 227.6#
63 1090.3 118.0 219.2#



#17
trans-1,2-Dichloroethene
Concen: 7.316 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.000 min
Lab File: VV037552.D
Acq: 26 Sep 2024 16:49

Tgt Ion: 96 Resp: 36457
Ion Ratio Lower Upper
96 100
61 137.5 97.3 180.7
98 62.9 43.9 81.5

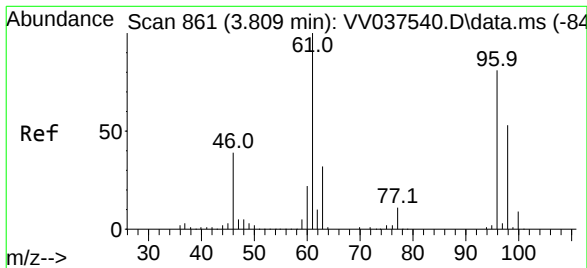
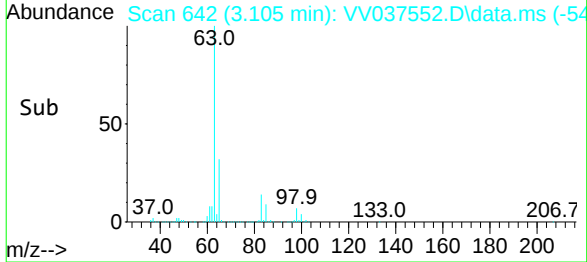
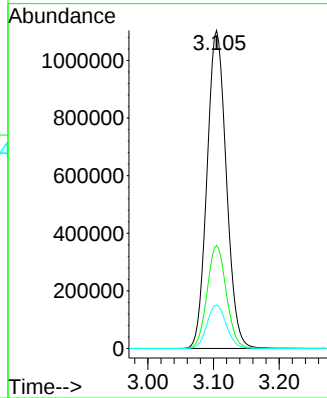
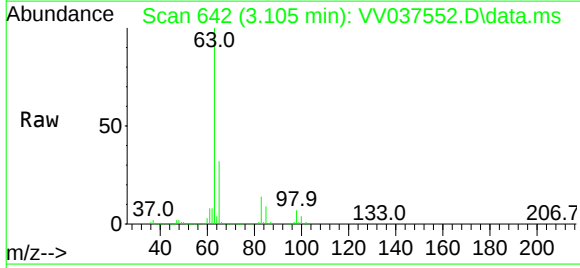




#19
1,1-Dichloroethane
Concen: 236.317 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV037552.D
Acq: 26 Sep 2024 16:49

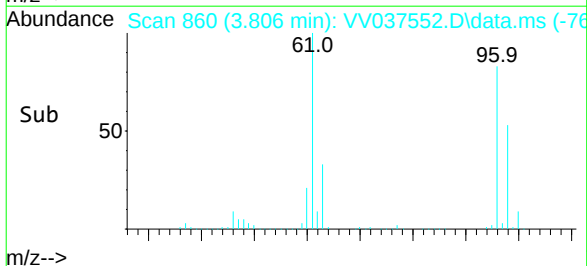
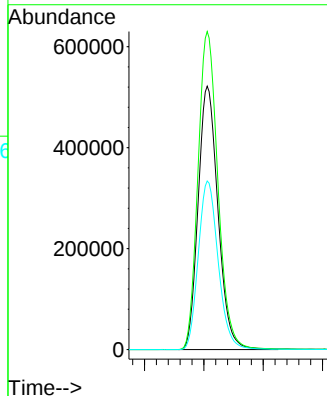
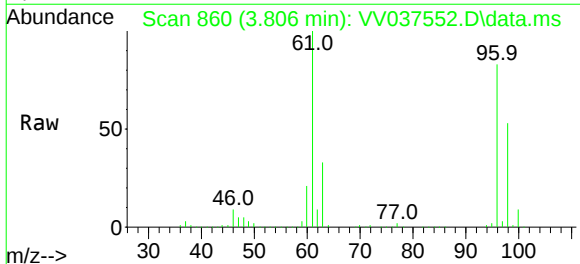
Instrument :
MSVOA_V
ClientSampleId :
EY029

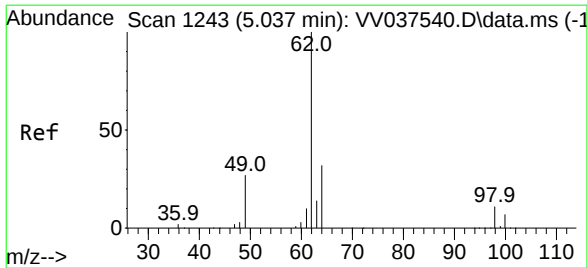
Tgt Ion: 63 Resp: 2256164
Ion Ratio Lower Upper
63 100
65 32.4 22.4 41.6
83 13.7 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 217.648 ug/L
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV037552.D
Acq: 26 Sep 2024 16:49

Tgt Ion: 96 Resp: 1213650
Ion Ratio Lower Upper
96 100
61 120.7 85.0 157.8
98 64.0 44.2 82.0

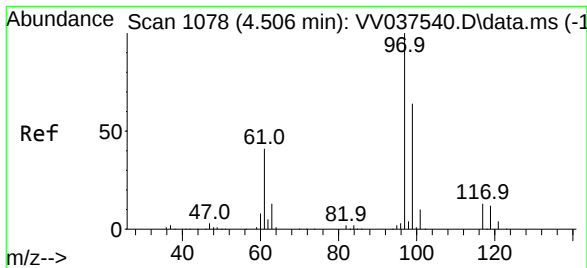
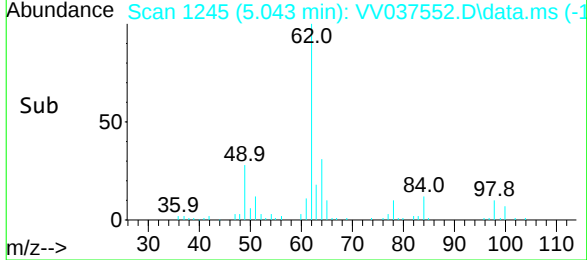
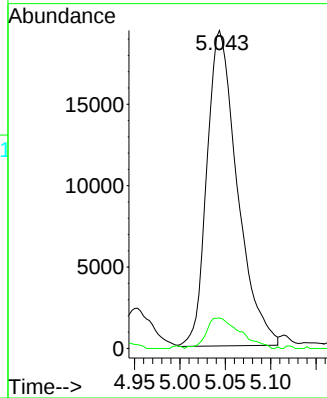
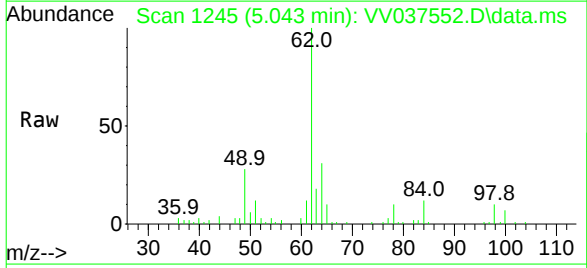




#27
1,2-Dichloroethane
Concen: 6.481 ug/L
RT: 5.043 min Scan# 12
Delta R.T. 0.006 min
Lab File: VV037552.D
Acq: 26 Sep 2024 16:49

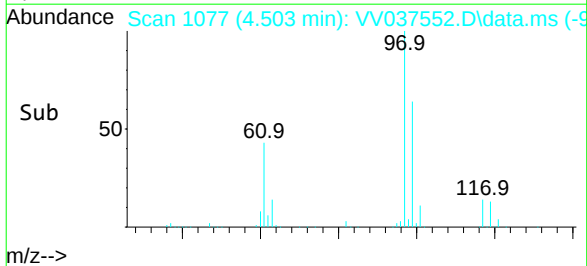
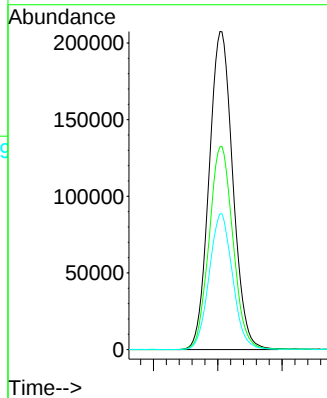
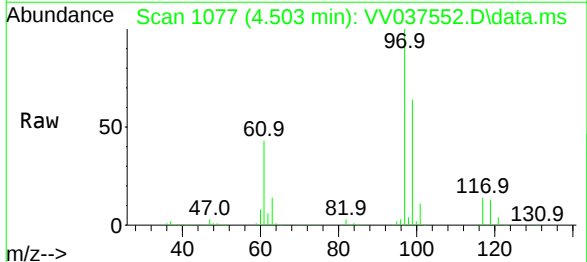
Instrument :
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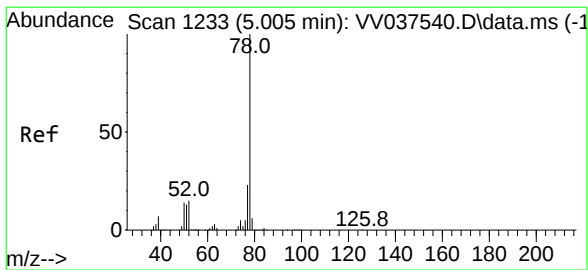
Tgt Ion: 62 Resp: 45228
Ion Ratio Lower Upper
62 100
98 9.6 8.4 12.6



#30
1,1,1-Trichloroethane
Concen: 64.473 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.003 min
Lab File: VV037552.D
Acq: 26 Sep 2024 16:49

Tgt Ion: 97 Resp: 532592
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 42.1 33.6 50.4





#33

Benzene

Concen: 1.176 ug/L

RT: 5.011 min Scan# 12

Delta R.T. 0.006 min

Lab File: VV037552.D

Acq: 26 Sep 2024 16:49

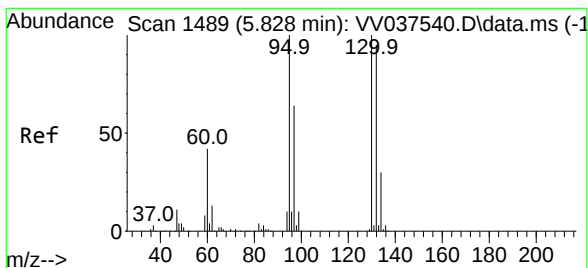
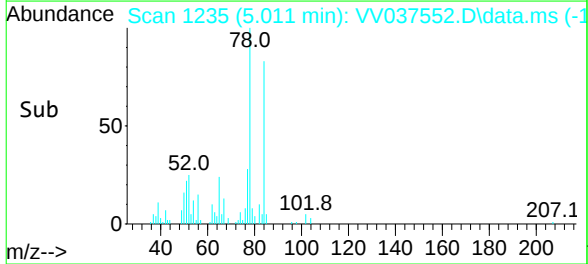
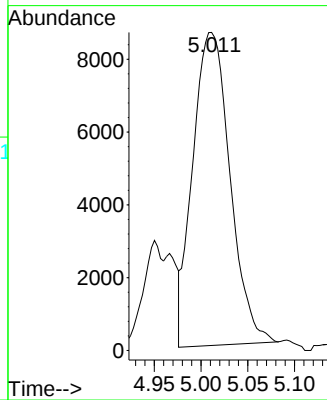
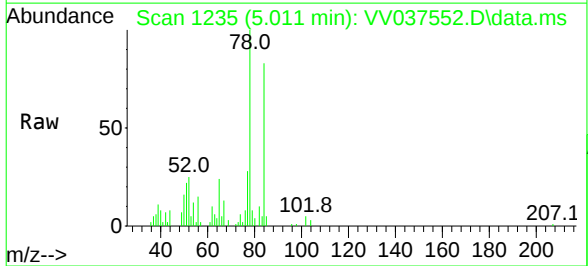
Instrument :

MSVOA_V

ClientSampleId :

EY029

Tgt Ion: 78 Resp: 23793



#34

Trichloroethene

Concen: 9.713 ug/L

RT: 5.831 min Scan# 1490

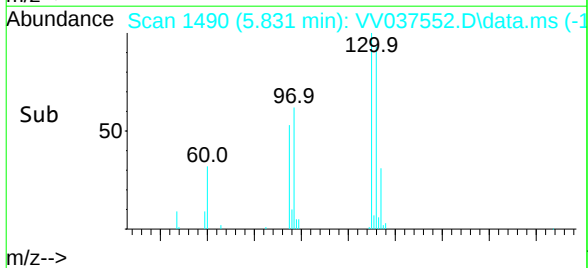
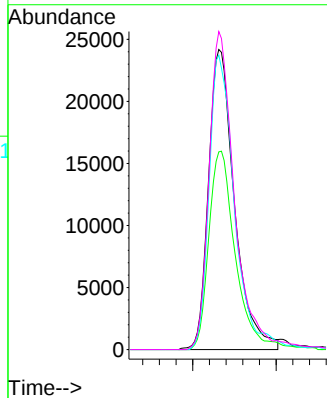
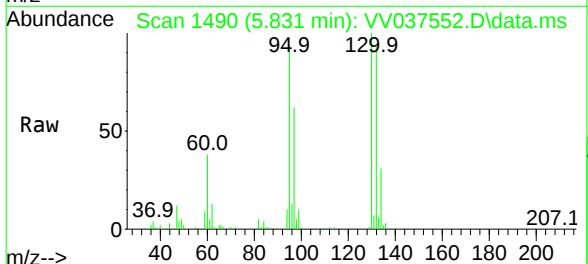
Delta R.T. 0.003 min

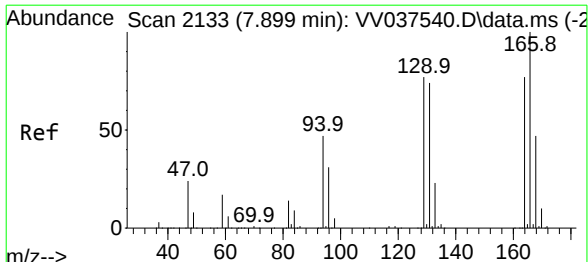
Lab File: VV037552.D

Acq: 26 Sep 2024 16:49

Tgt Ion: 95 Resp: 52323

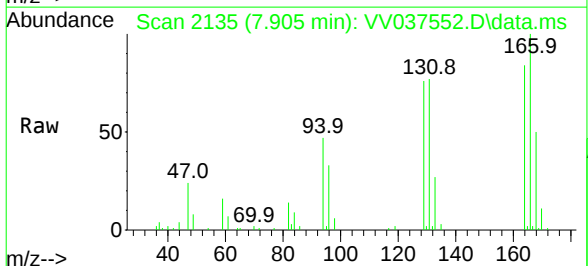
Ion	Ratio	Lower	Upper
95	100		
97	65.9	46.3	85.9
132	98.1	68.6	127.4
130	106.0	70.9	131.7





#46
 Tetrachloroethene
 Concen: 5.352 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV037552.D
 Acq: 26 Sep 2024 16:49

Instrument :
 MSVOA_V
 ClientSampleId :
 EY029



Tgt Ion:164 Resp: 22043

Ion	Ratio	Lower	Upper
164	100		
129	90.5	68.2	126.6
131	92.4	66.1	122.8
166	121.8	91.1	169.1

