

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037569.D
 Acq On : 26 Sep 2024 23:44
 Operator : SY/MD
 Sample : P4184-15
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY041

Quant Time: Sep 27 03:39:02 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)

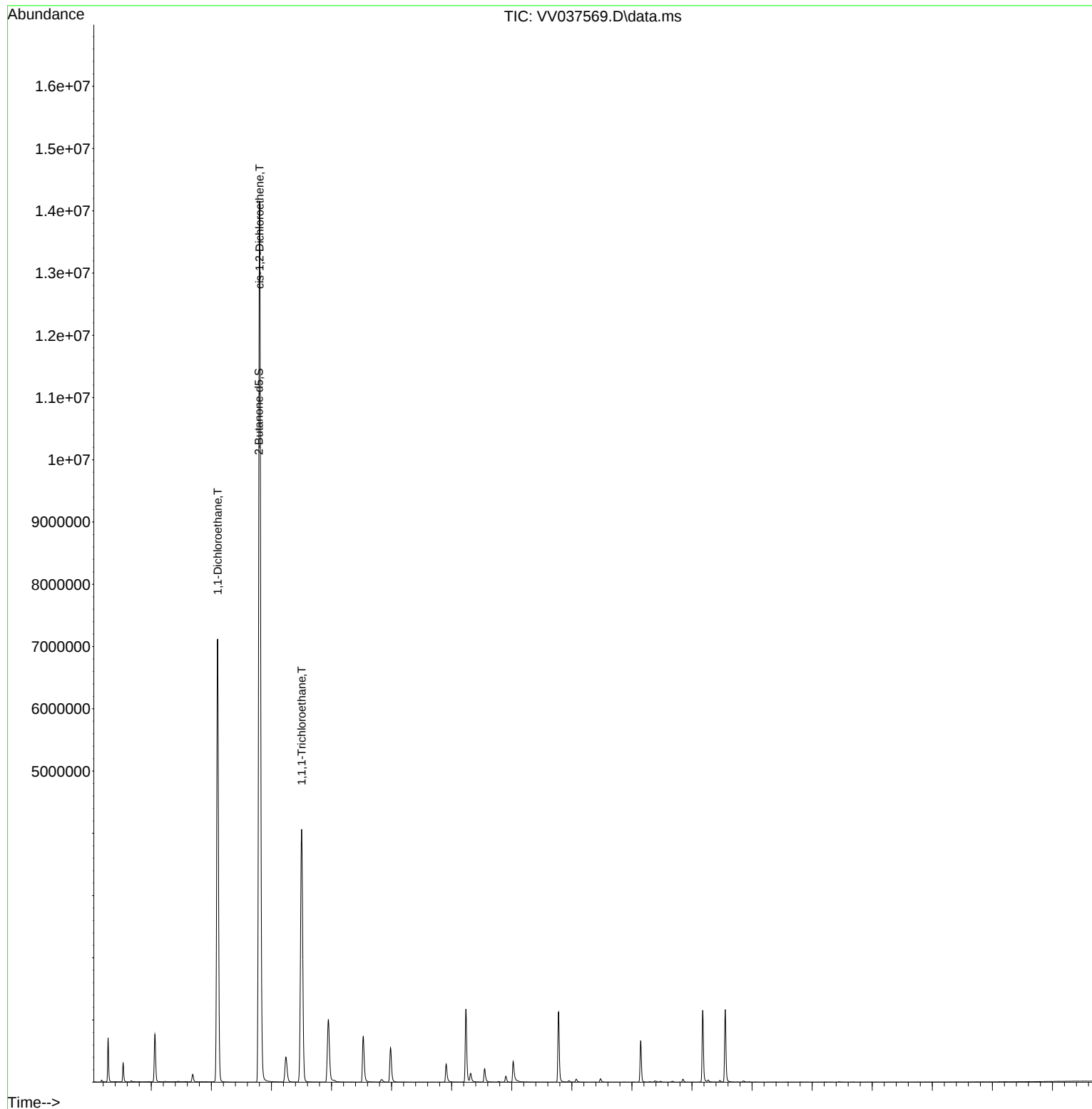
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	654313	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	624018	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	308125	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	249505	43.439	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.880%		
7) Chloroethane-d5	1.532	69	196582	44.092	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.180%		
11) 1,1-Dichloroethene-d2	2.060	65	105272	43.869	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.740%		
21) 2-Butanone-d5	3.789	46	203852	99.642	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	99.640%		
24) Chloroform-d	4.243	84	438935	42.953	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.900%		
26) 1,2-Dichloroethane-d4	4.934	65	262034	43.808	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.620%		
32) Benzene-d6	4.950	84	883238	45.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.460%		
36) 1,2-Dichloropropane-d6	5.982	67	278592	44.805	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.600%		
41) Toluene-d8	7.236	98	791666	44.711	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.420%		
43) trans-1,3-Dichloroprop...	7.548	79	118955	41.183	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.360%		
47) 2-Hexanone-d5	8.024	63	115601	88.046	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.050%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	327106	45.276	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.560%		
66) 1,2-Dichlorobenzene-d4	11.554	152	302711	46.622	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.240%		
Target Compounds					Qvalue	
5) Vinyl chloride	1.285	62	241203	41.604	ug/L	99
8) Chloroethane	1.548	64	8158	2.283	ug/L	93
12) 1,1-Dichloroethene	2.069	96	63808	14.648	ug/L #	31
17) trans-1,2-Dichloroethene	2.690	96	43045	9.341	ug/L	95
19) 1,1-Dichloroethane	3.105	63	7033730	796.625	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	7846966	1521.626	ug/L	99
27) 1,2-Dichloroethane	5.047	62	17951	2.782	ug/L	96
30) 1,1,1-Trichloroethane	4.503	97	3416161	444.489	ug/L	99
34) Trichloroethene	5.838	95	16202	3.233	ug/L	94
42) Toluene	7.317	91	115323	5.911	ug/L	100
46) Tetrachloroethene	7.902	164	22035	5.750	ug/L	97
53) m,p-Xylene	9.072	106	15226	1.863	ug/L	95
54) o-Xylene	9.477	106	16077	2.015	ug/L	92
63) 1,2,4-Trimethylbenzene	10.850	105	29183	1.852	ug/L	98

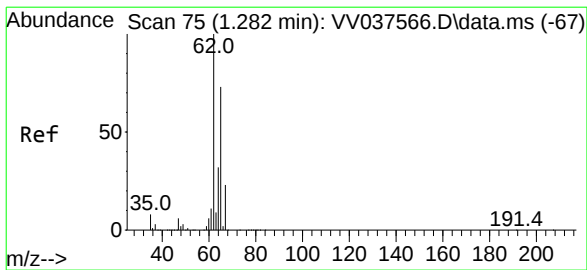
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
Data File : VV037569.D
Acq On : 26 Sep 2024 23:44
Operator : SY/MD
Sample : P4184-15
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EY041

Quant Time: Sep 27 03:39:02 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: 41.604 ug/L

RT: 1.285 min Scan# 76

Delta R.T. 0.003 min

Lab File: VV037569.D

Acq: 26 Sep 2024 23:44

Instrument :

MSVOA_V

ClientSampleId :

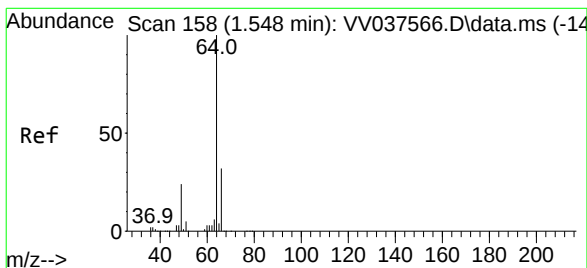
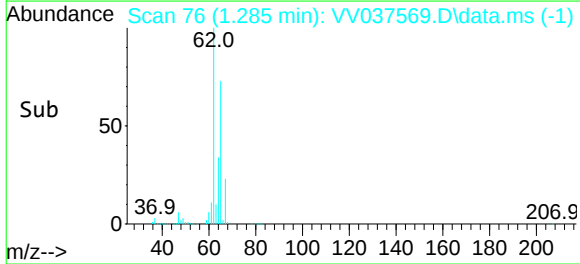
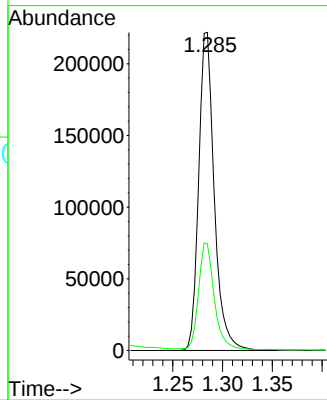
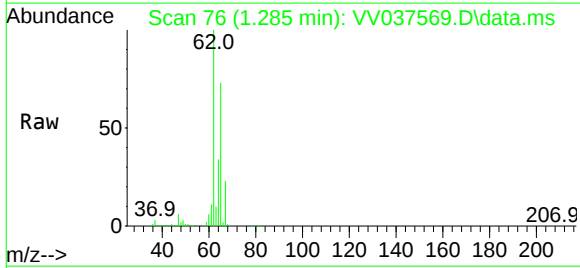
EY041

Tgt Ion: 62 Resp: 241203

Ion Ratio Lower Upper

62 100

64 33.6 23.2 43.0



#8

Chloroethane

Concen: 2.283 ug/L

RT: 1.548 min Scan# 158

Delta R.T. -0.000 min

Lab File: VV037569.D

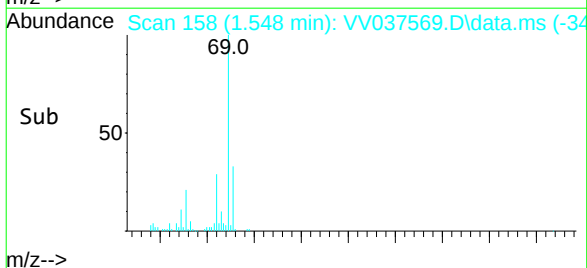
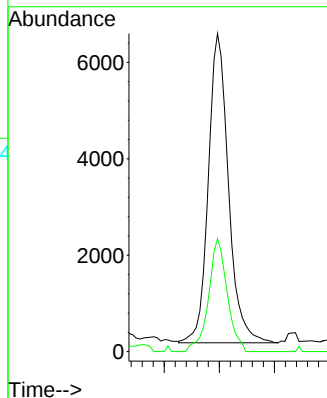
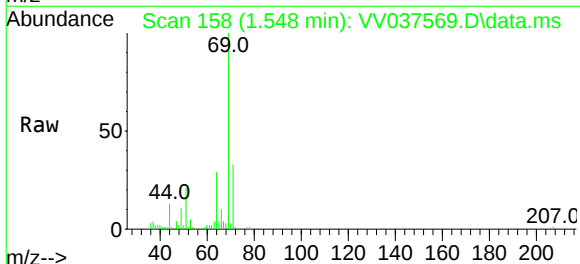
Acq: 26 Sep 2024 23:44

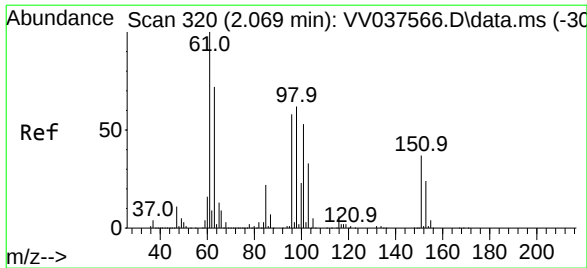
Tgt Ion: 64 Resp: 8158

Ion Ratio Lower Upper

64 100

66 35.5 22.2 41.2

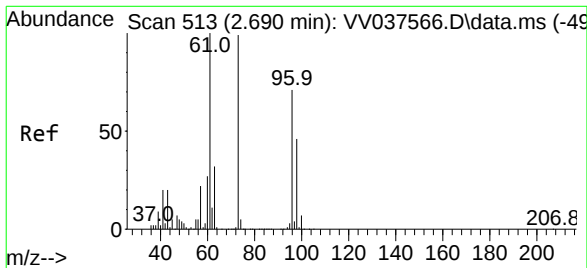
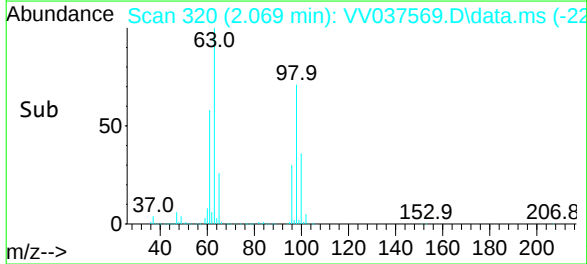
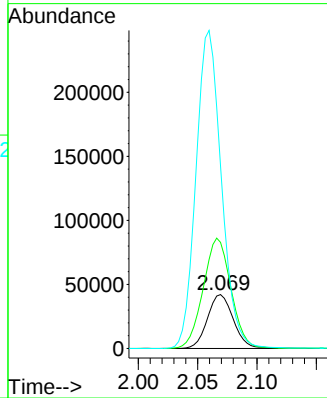
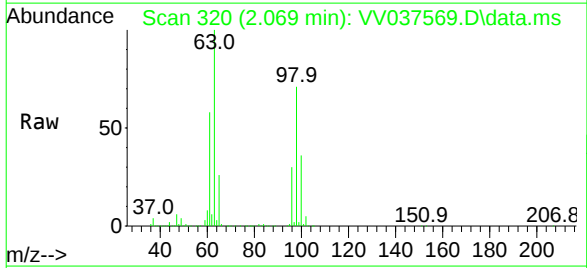




#12
1,1-Dichloroethene
Concen: 14.648 ug/L
RT: 2.069 min Scan# 320
Delta R.T. -0.000 min
Lab File: VV037569.D
Acq: 26 Sep 2024 23:44

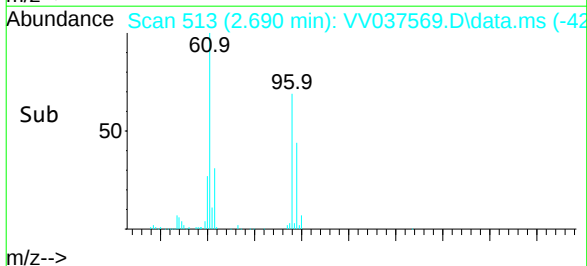
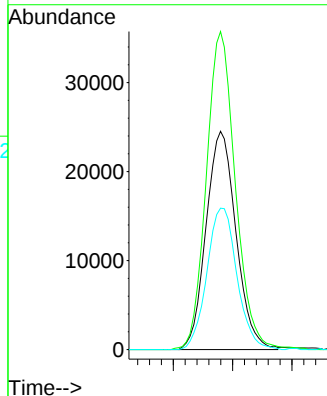
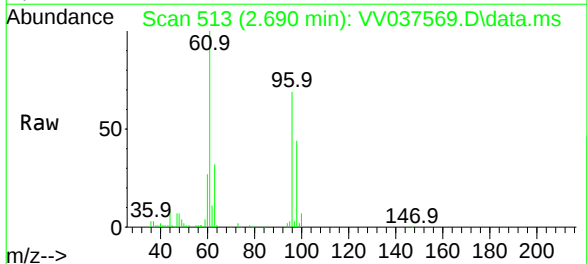
Instrument :
MSVOA_V
ClientSampleId :
EY041

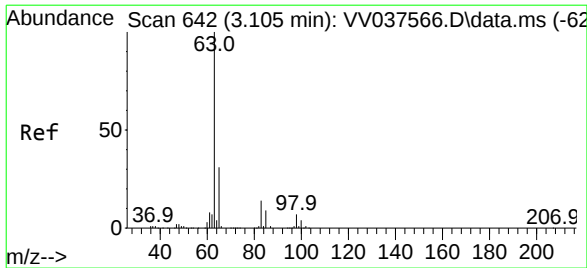
Tgt Ion: 96 Resp: 63808
Ion Ratio Lower Upper
96 100
61 196.8 122.6 227.6
63 338.3 118.0 219.2#



#17
trans-1,2-Dichloroethene
Concen: 9.341 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037569.D
Acq: 26 Sep 2024 23:44

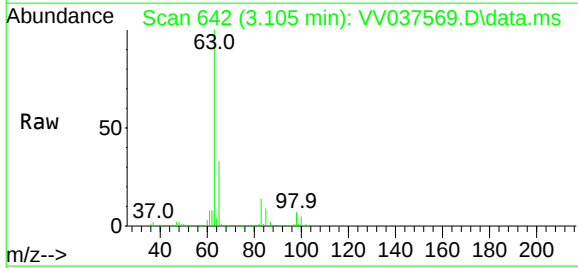
Tgt Ion: 96 Resp: 43045
Ion Ratio Lower Upper
96 100
61 145.7 97.3 180.7
98 64.8 43.9 81.5



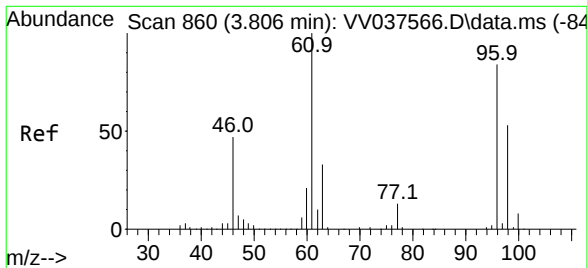
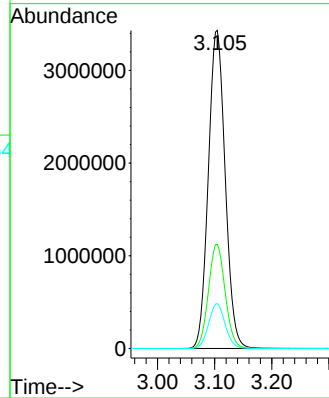
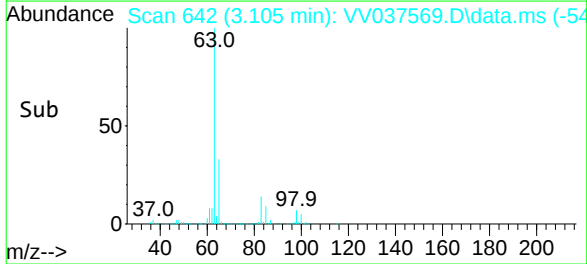


#19
1,1-Dichloroethane
Concen: 796.625 ug/L
RT: 3.105 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV037569.D
Acq: 26 Sep 2024 23:44

Instrument :
MSVOA_V
ClientSampleId :
EY041

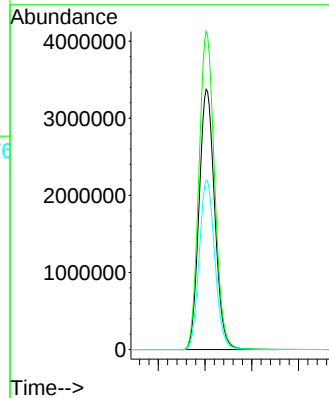
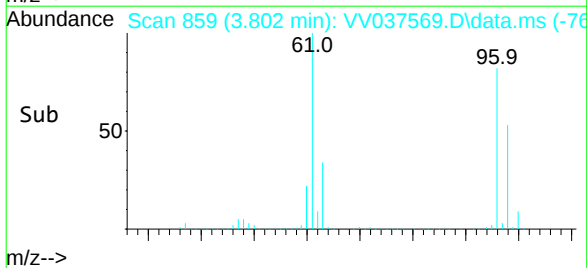
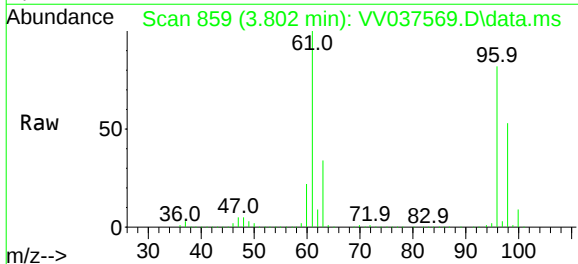


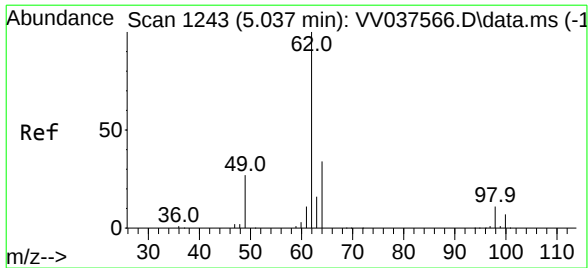
Tgt Ion: 63 Resp: 7033730
Ion Ratio Lower Upper
63 100
65 32.8 22.4 41.6
83 14.1 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 1521.626 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.003 min
Lab File: VV037569.D
Acq: 26 Sep 2024 23:44

Tgt Ion: 96 Resp: 7846966
Ion Ratio Lower Upper
96 100
61 122.2 85.0 157.8
98 65.1 44.2 82.0

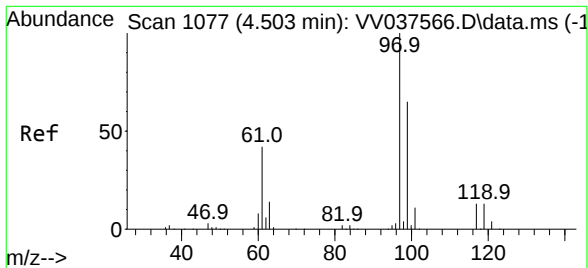
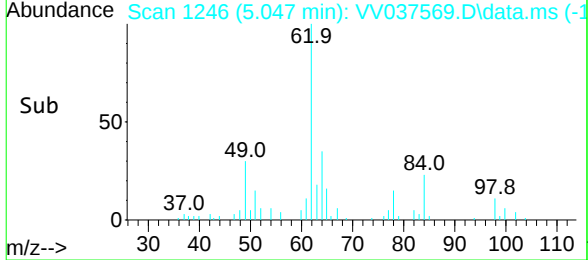
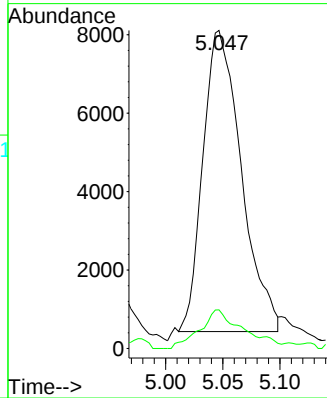
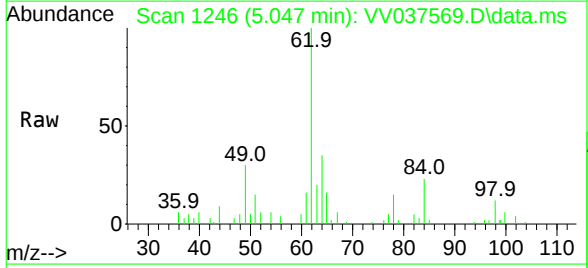




#27
1,2-Dichloroethane
Concen: 2.782 ug/L
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV037569.D
Acq: 26 Sep 2024 23:44

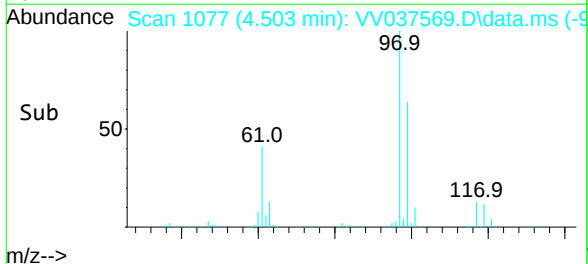
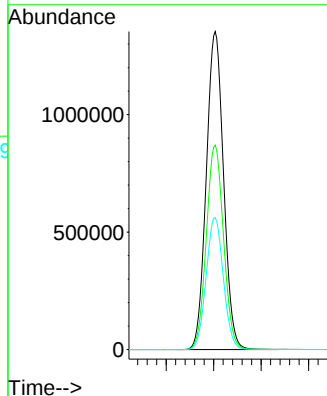
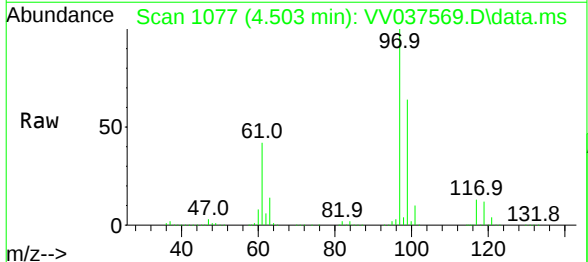
Instrument :
MSVOA_V
ClientSampleId :
EY041

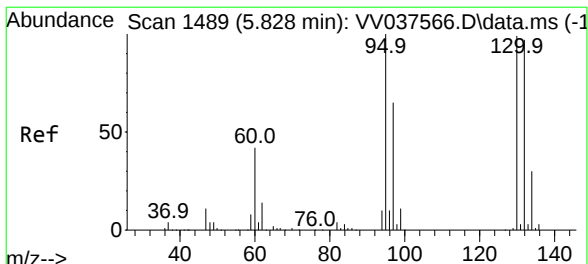
Tgt Ion:	62	Resp:	17951
Ion	Ratio	Lower	Upper
62	100		
98	12.1	8.4	12.6



#30
1,1,1-Trichloroethane
Concen: 444.489 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV037569.D
Acq: 26 Sep 2024 23:44

Tgt Ion:	97	Resp:	3416161
Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.8	77.6
61	41.4	33.6	50.4





#34

Trichloroethene

Concen: 3.233 ug/L

RT: 5.838 min Scan# 14

Delta R.T. 0.010 min

Lab File: VV037569.D

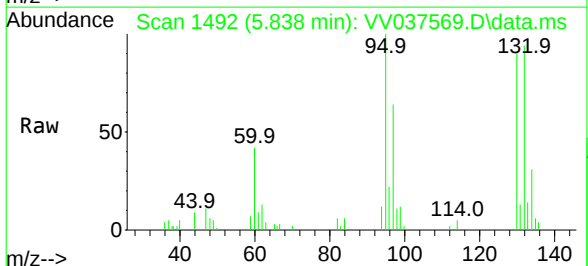
Acq: 26 Sep 2024 23:44

Instrument :

MSVOA_V

ClientSampleId :

EY041



Tgt Ion: 95 Resp: 16202

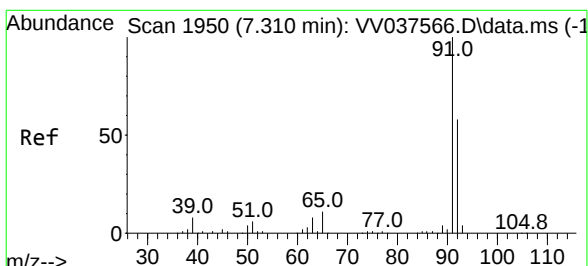
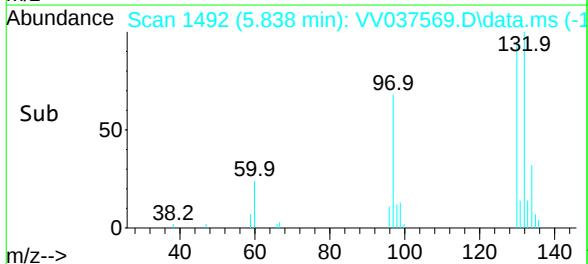
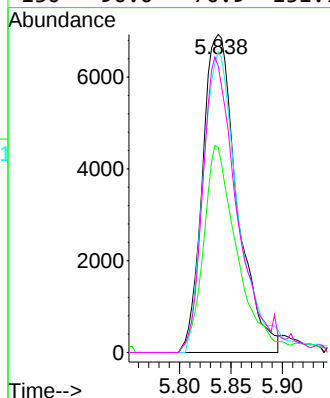
Ion Ratio Lower Upper

95 100

97 64.5 46.3 85.9

132 94.5 68.6 127.4

130 90.0 70.9 131.7



#42

Toluene

Concen: 5.911 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VV037569.D

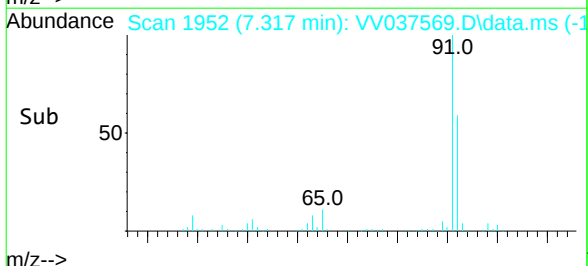
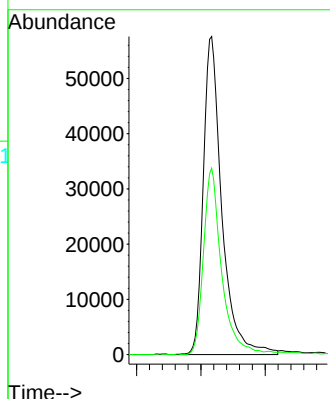
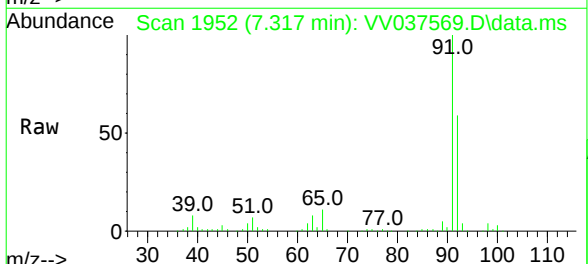
Acq: 26 Sep 2024 23:44

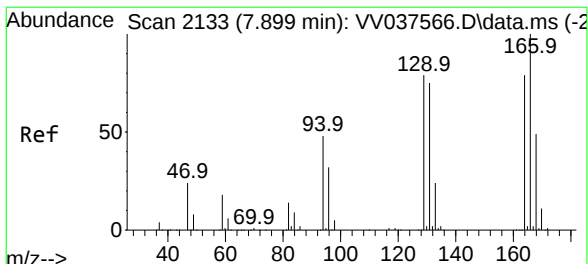
Tgt Ion: 91 Resp: 115323

Ion Ratio Lower Upper

91 100

92 58.6 41.1 76.3

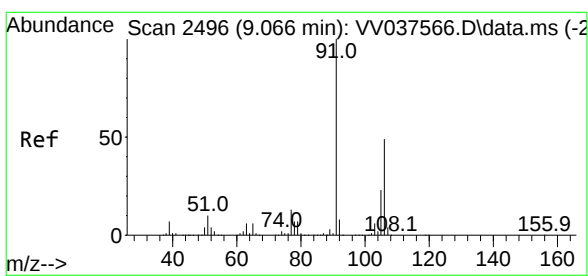
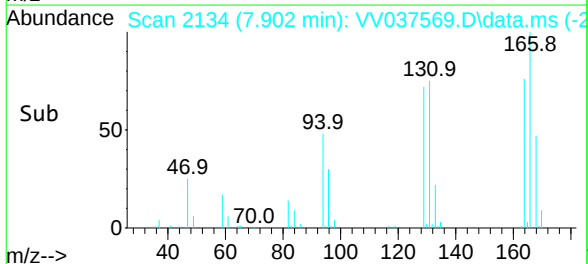
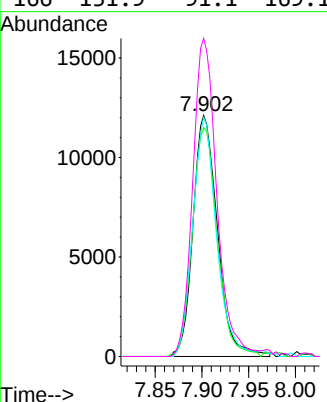
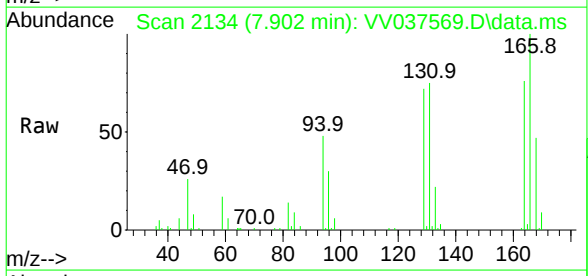




#46
 Tetrachloroethene
 Concen: 5.750 ug/L
 RT: 7.902 min Scan# 2134
 Delta R.T. 0.003 min
 Lab File: VV037569.D
 Acq: 26 Sep 2024 23:44

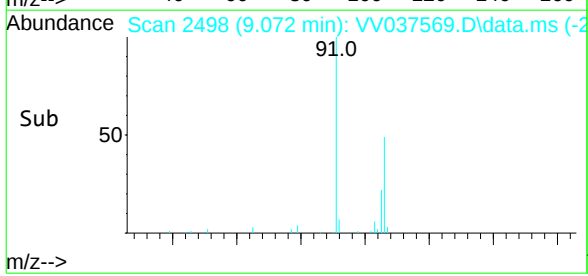
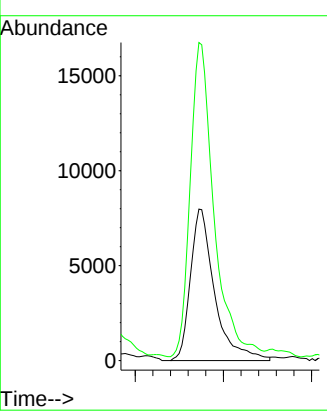
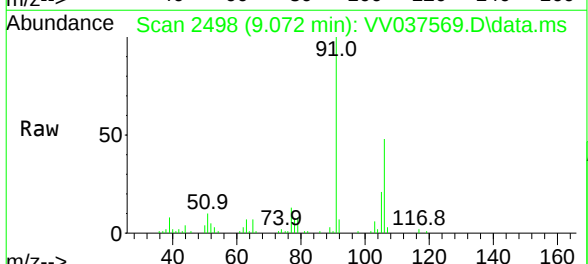
Instrument : MSVOA_V
 ClientSampleId : EY041

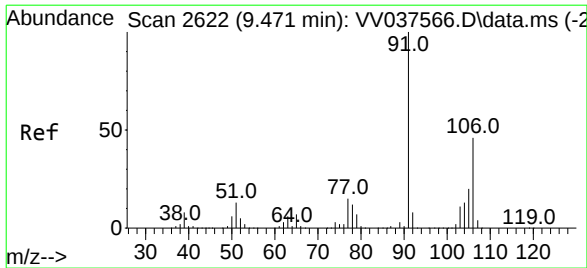
Tgt Ion:	164	Resp:	22035
Ion Ratio	Lower	Upper	
164	100		
129	95.0	68.2	126.6
131	99.1	66.1	122.8
166	131.9	91.1	169.1



#53
 m,p-Xylene
 Concen: 1.863 ug/L
 RT: 9.072 min Scan# 2498
 Delta R.T. 0.006 min
 Lab File: VV037569.D
 Acq: 26 Sep 2024 23:44

Tgt Ion:	106	Resp:	15226
Ion Ratio	Lower	Upper	
106	100		
91	210.0	142.0	263.6





#54

o-Xylene

Concen: 2.015 ug/L

RT: 9.477 min Scan# 26

Delta R.T. 0.006 min

Lab File: VV037569.D

Acq: 26 Sep 2024 23:44

Instrument :

MSVOA_V

ClientSampleId :

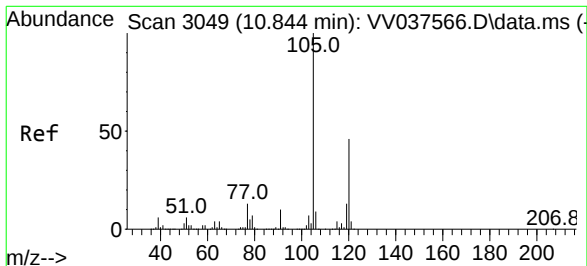
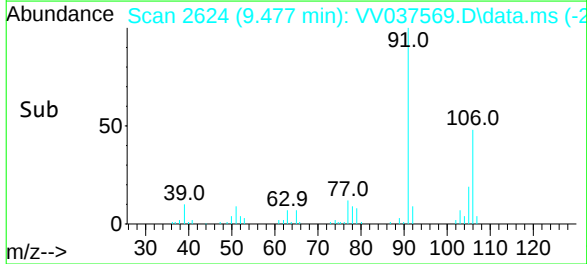
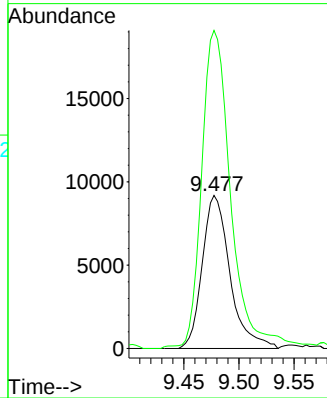
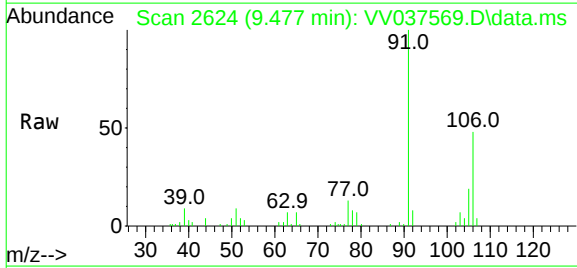
EY041

Tgt Ion:106 Resp: 16077

Ion Ratio Lower Upper

106 100

91 207.8 153.9 285.9



#63

1,2,4-Trimethylbenzene

Concen: 1.852 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VV037569.D

Acq: 26 Sep 2024 23:44

Tgt Ion:105 Resp: 29183

Ion Ratio Lower Upper

105 100

120 43.6 36.2 54.2

