

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 :

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
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3526	0.756	ug/L #	23
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
31) Carbon tetrachloride	4.503	117	444435	66.513	ug/L	100
34) Trichloroethene	5.838	95	16202	3.233	ug/L	94
39) cis-1,3-Dichloropropene	6.908	75	7706	0.993	ug/L #	74
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

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 :

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

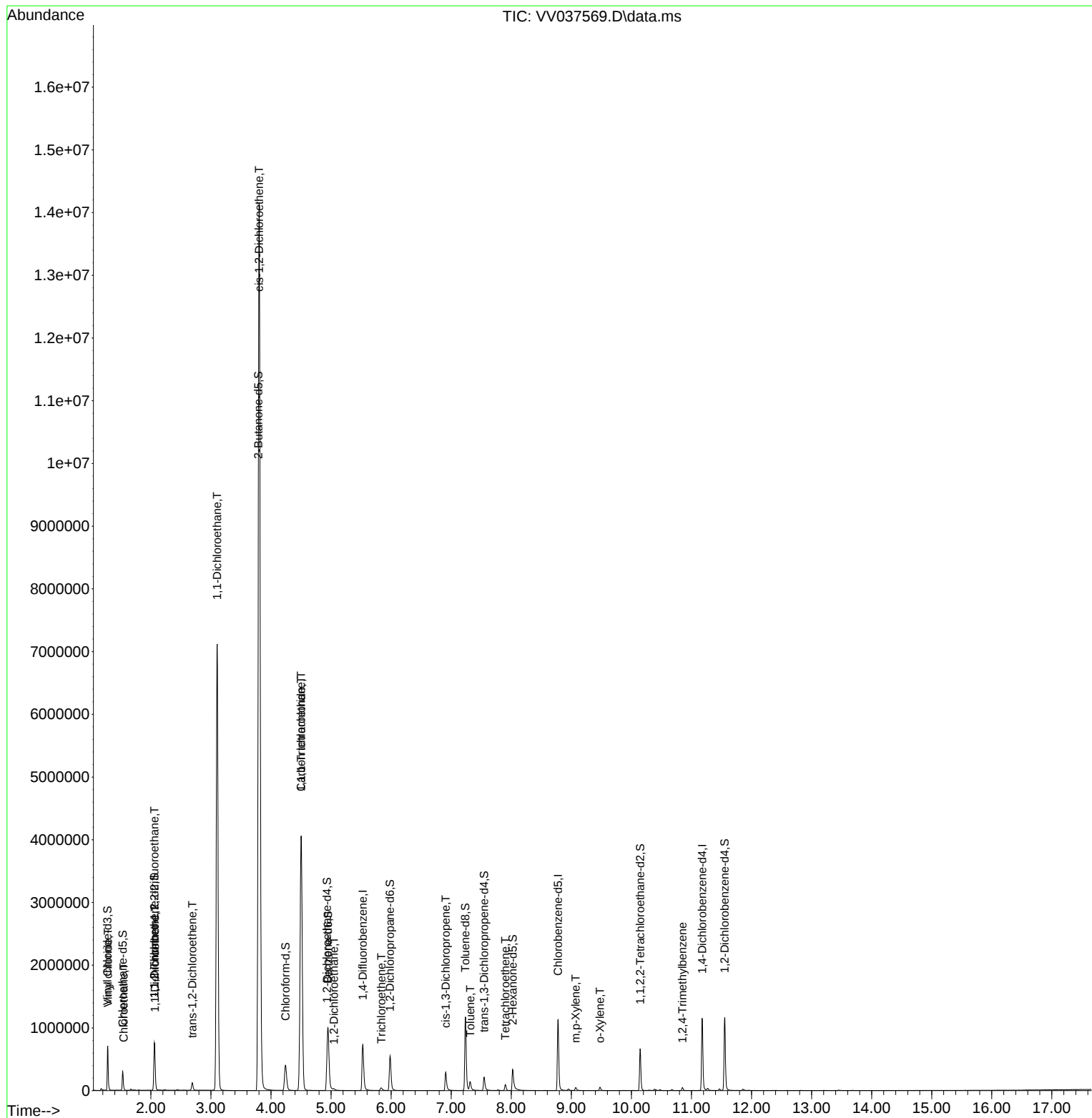
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

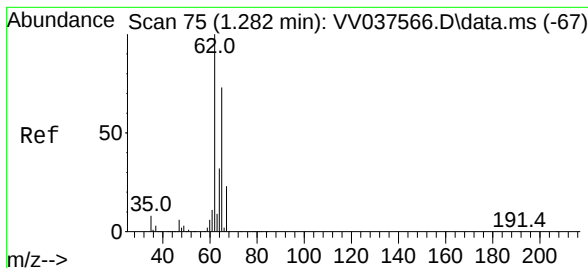
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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 :

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# 75

Delta R.T. 0.003 min

Lab File: VV037569.D

Acq: 26 Sep 2024 23:44

Instrument :

MSVOA_V

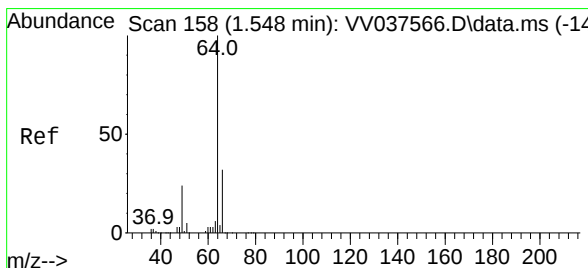
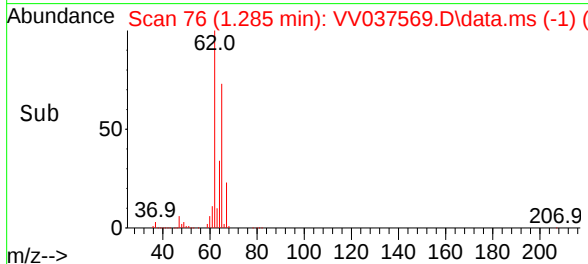
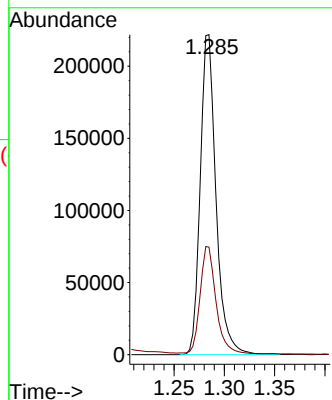
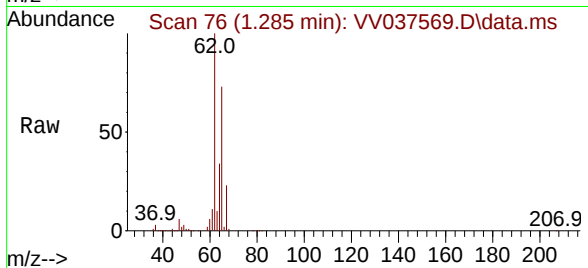
ClientSampleId :

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

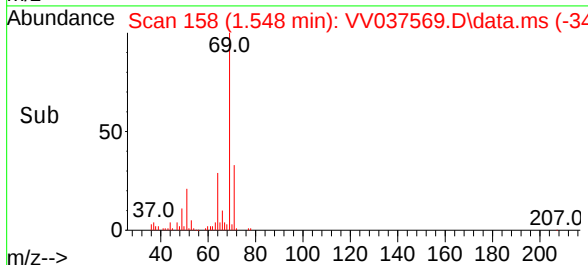
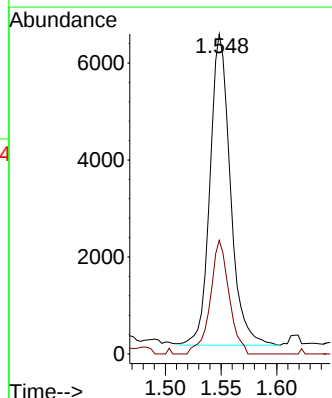
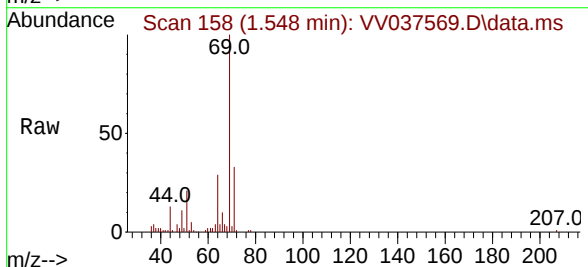
Acq: 26 Sep 2024 23:44

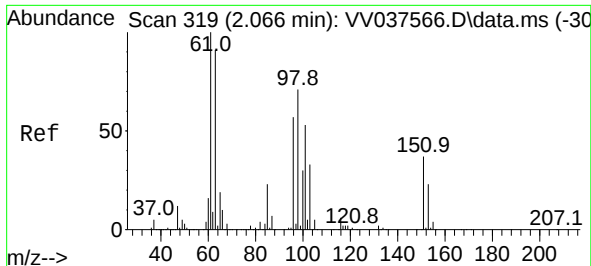
Tgt Ion: 64 Resp: 8158

Ion Ratio Lower Upper

64 100

66 35.5 22.2 41.2

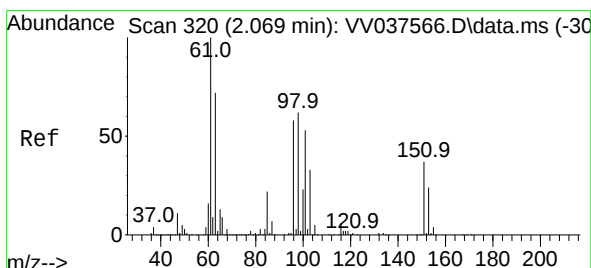
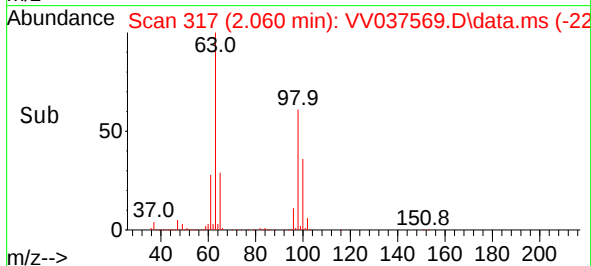
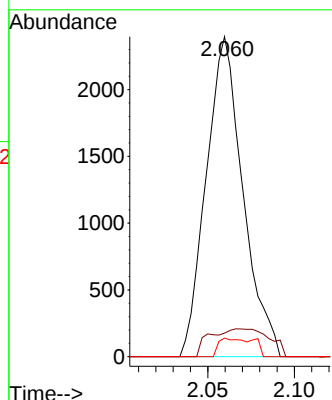
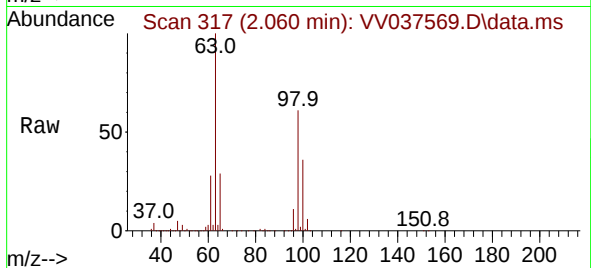




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.756 ug/L
RT: 2.060 min Scan# 319
Delta R.T. -0.006 min
Lab File: VV037569.D
Acq: 26 Sep 2024 23:44

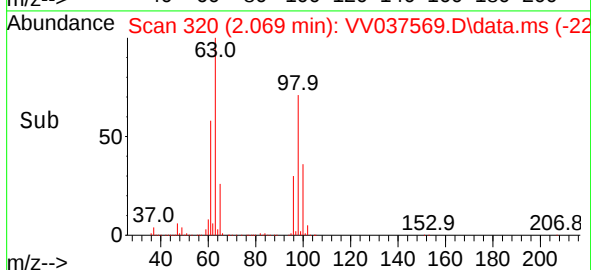
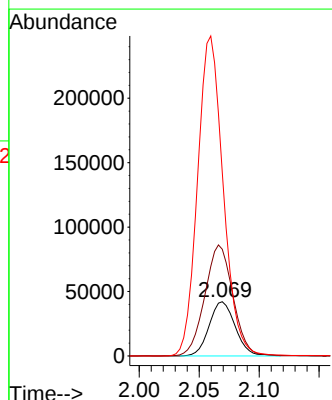
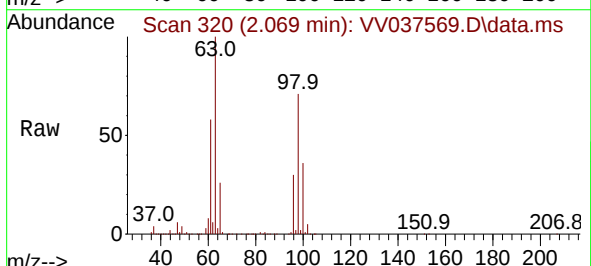
Instrument :
MSVOA_V
ClientSampleId :

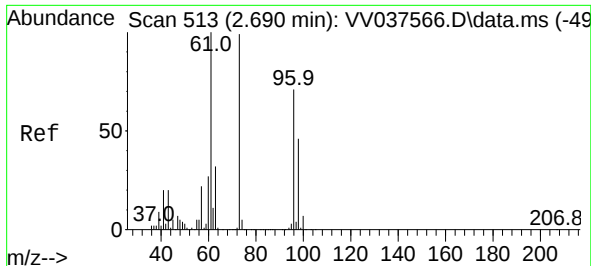
Tgt Ion:101 Resp: 3526
Ion Ratio Lower Upper
101 100
85 2.0 34.6 52.0#
151 2.1 57.5 86.3#



#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

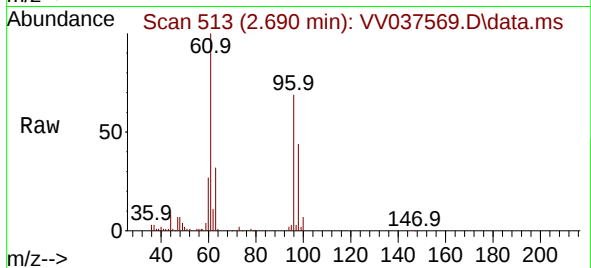
Tgt Ion: 96 Resp: 63808
Ion Ratio Lower Upper
96 100
61 196.8 122.6 227.6
63 338.3 118.0 219.2#



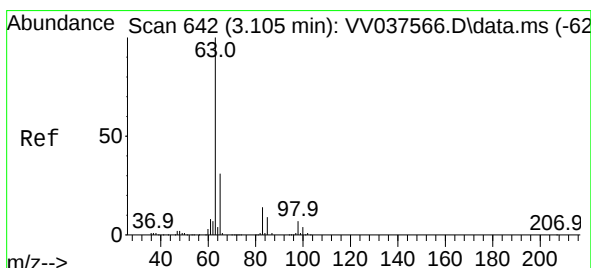
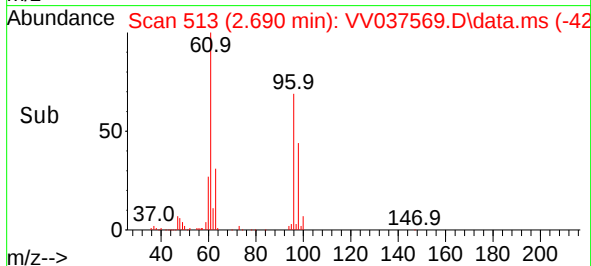
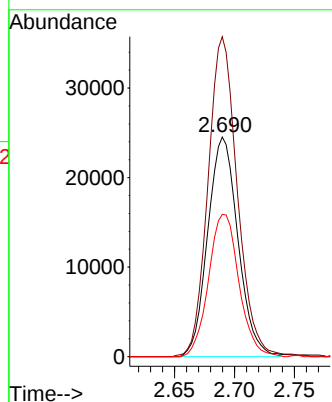


#17
trans-1,2-Dichloroethene
Concen: 9.341 ug/L
RT: 2.690 min Scan# 513
Delta R.T. -0.000 min
Lab File: VV037569.D
Acq: 26 Sep 2024 23:44

Instrument :
MSVOA_V
ClientSampleId :

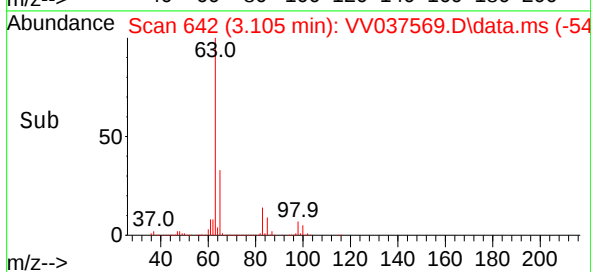
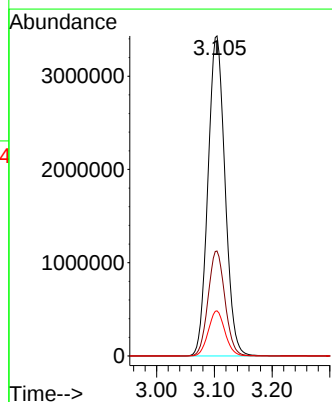
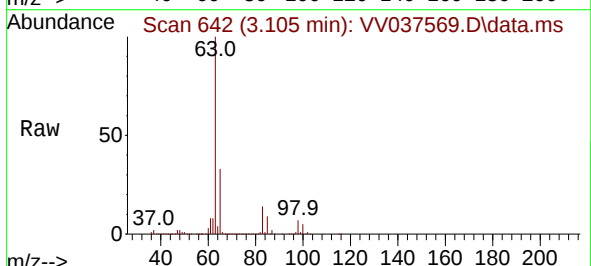


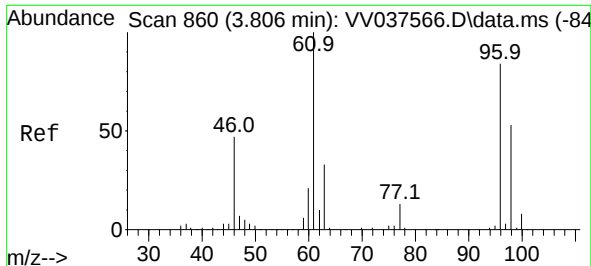
Tgt Ion: 96 Resp: 43045
Ion Ratio Lower Upper
96 100
61 145.7 97.3 180.7
98 64.8 43.9 81.5



#19
1,1-Dichloroethane
Concen: 796.625 ug/L
RT: 3.105 min Scan# 642
Delta R.T. -0.000 min
Lab File: VV037569.D
Acq: 26 Sep 2024 23:44

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# 860

Delta R.T. -0.003 min

Lab File: VV037569.D

Acq: 26 Sep 2024 23:44

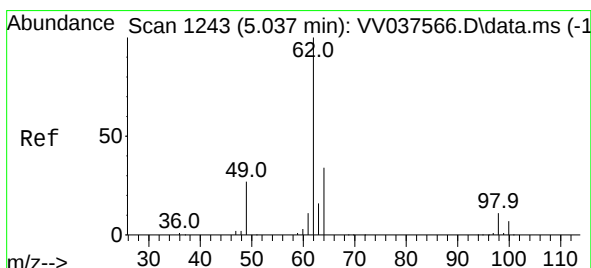
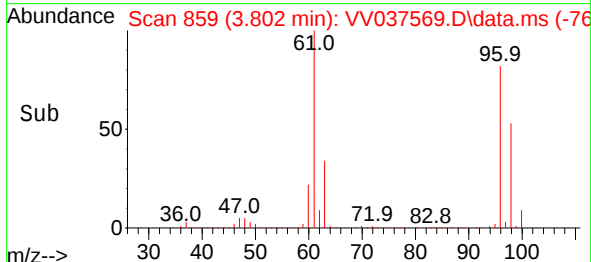
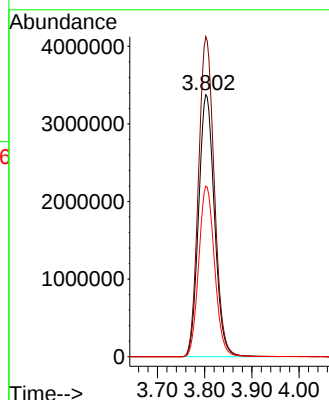
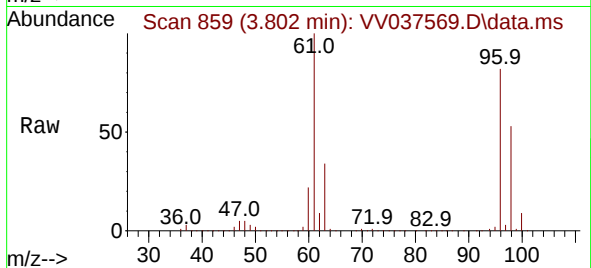
Instrument :

MSVOA_V

ClientSampleId :

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

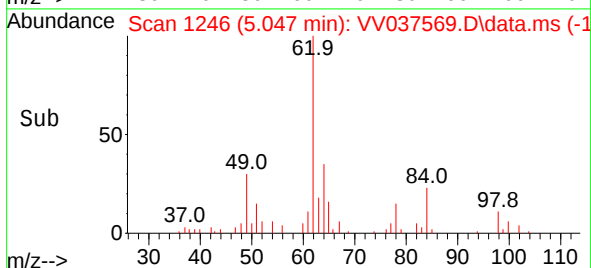
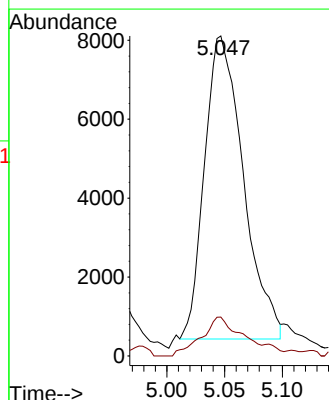
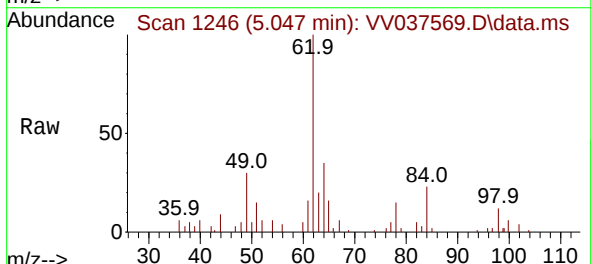
Delta R.T. 0.010 min

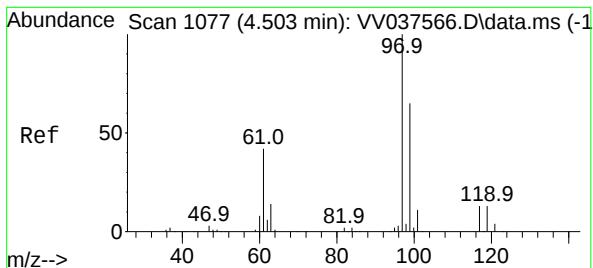
Lab File: VV037569.D

Acq: 26 Sep 2024 23:44

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

Instrument :

MSVOA_V

ClientSampleId :

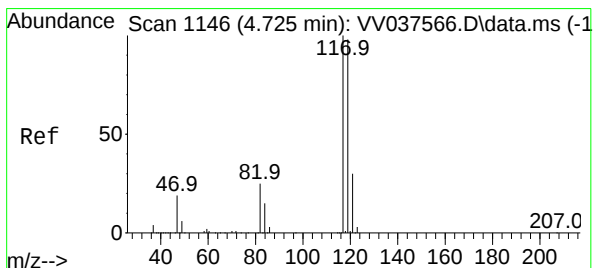
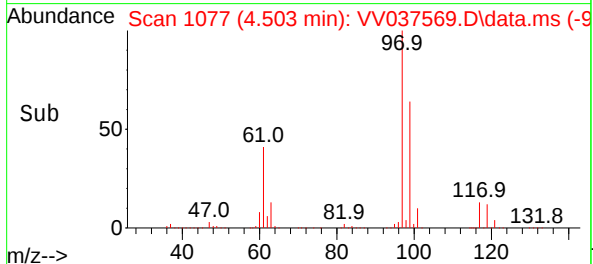
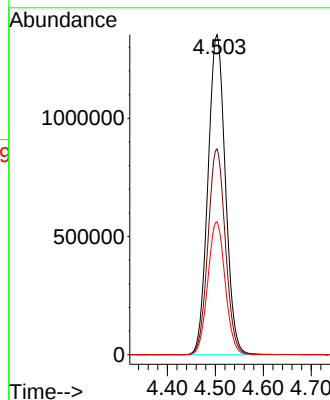
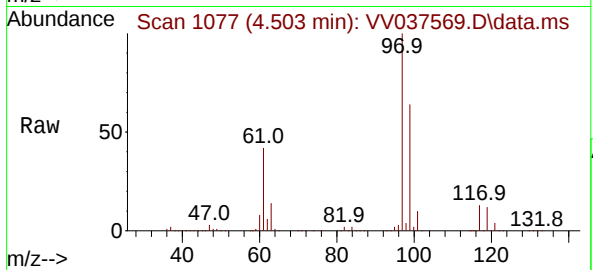
Tgt Ion: 97 Resp: 3416161

Ion Ratio Lower Upper

97 100

99 64.3 51.8 77.6

61 41.4 33.6 50.4



#31

Carbon tetrachloride

Concen: 66.513 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.222 min

Lab File: VV037569.D

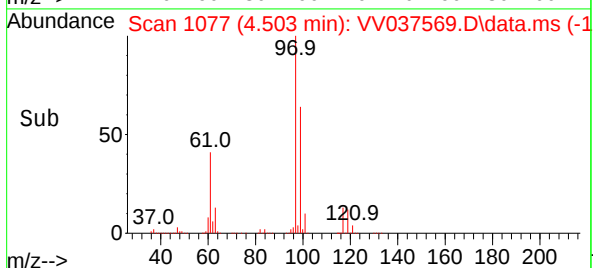
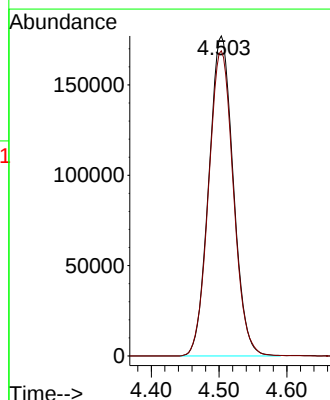
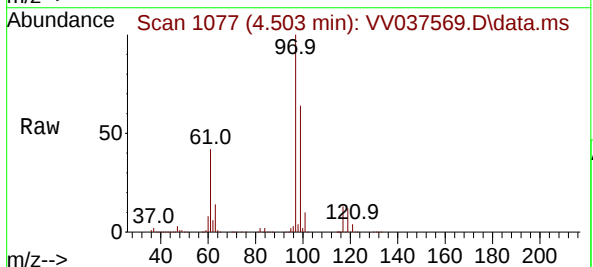
Acq: 26 Sep 2024 23:44

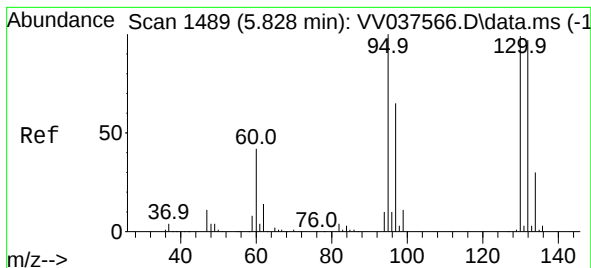
Tgt Ion:117 Resp: 444435

Ion Ratio Lower Upper

117 100

119 96.5 76.9 115.3





#34

Trichloroethene

Concen: 3.233 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.010 min

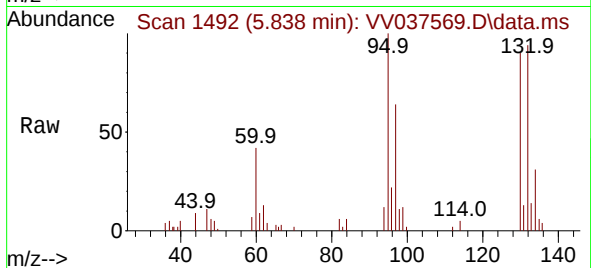
Lab File: VV037569.D

Acq: 26 Sep 2024 23:44

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 16202

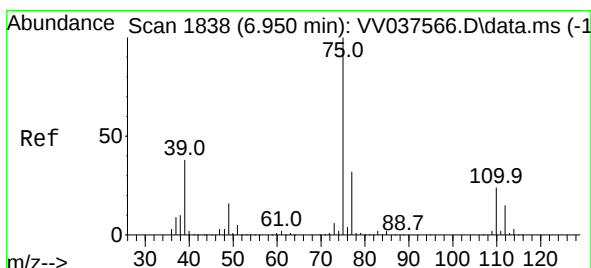
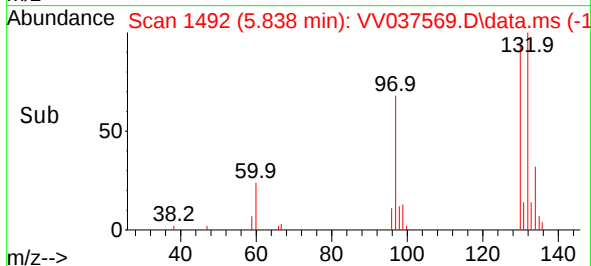
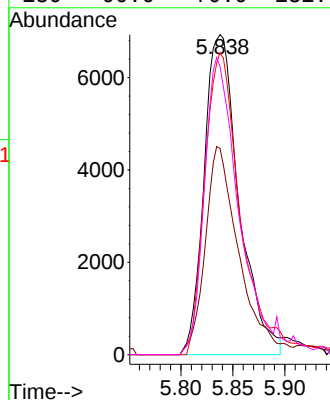
Ion Ratio Lower Upper

95 100

97 64.5 46.3 85.9

132 94.5 68.6 127.4

130 90.0 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.993 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.042 min

Lab File: VV037569.D

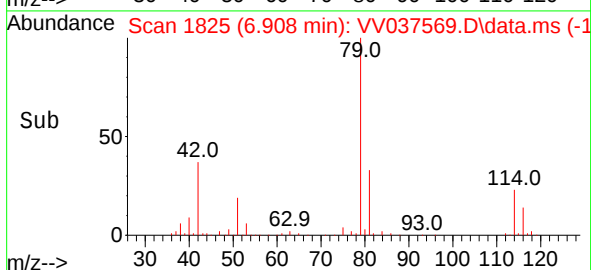
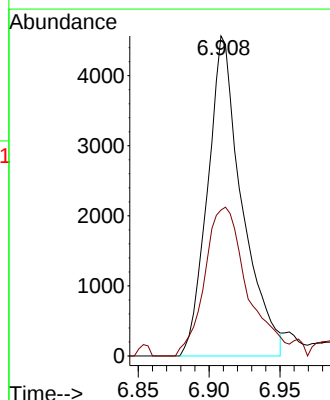
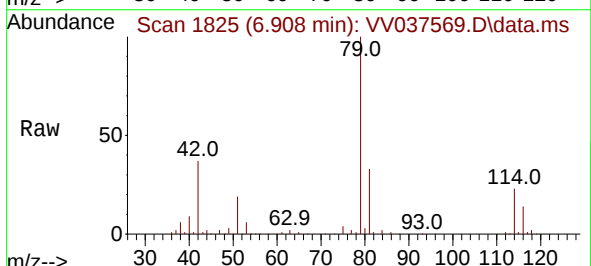
Acq: 26 Sep 2024 23:44

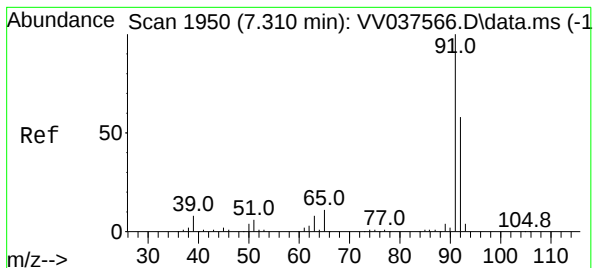
Tgt Ion: 75 Resp: 7706

Ion Ratio Lower Upper

75 100

77 45.6 21.8 40.4#





#42

Toluene

Concen: 5.911 ug/L

RT: 7.317 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV037569.D

Acq: 26 Sep 2024 23:44

Instrument :

MSVOA_V

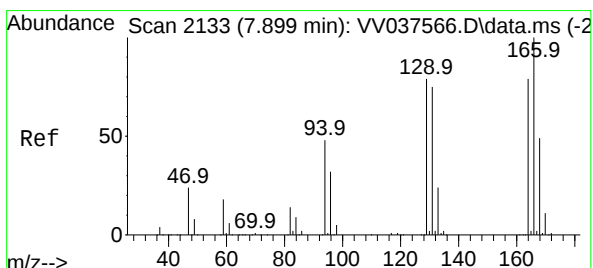
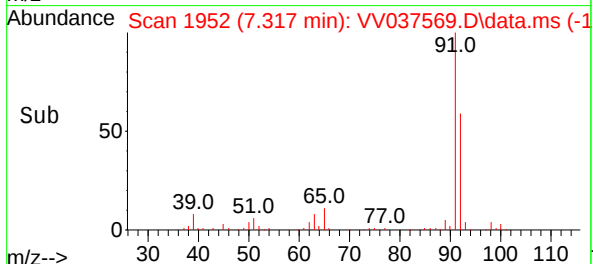
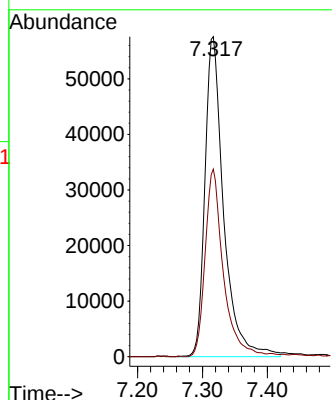
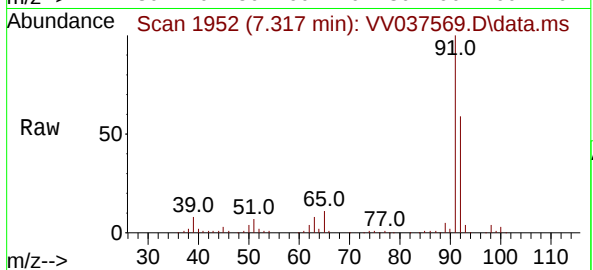
ClientSampleId :

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

Tgt Ion: 164 Resp: 22035

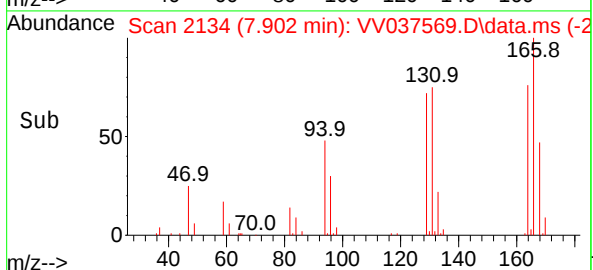
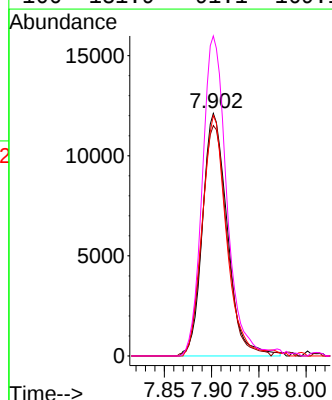
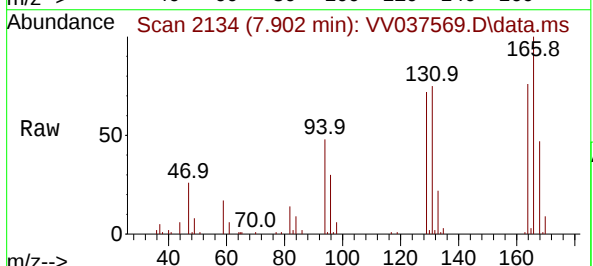
Ion Ratio Lower Upper

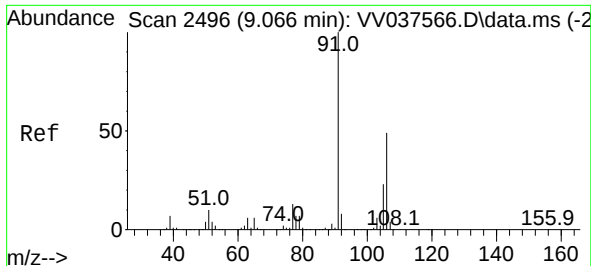
164 100

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# 2496

Delta R.T. 0.006 min

Lab File: VV037569.D

Acq: 26 Sep 2024 23:44

Instrument :

MSVOA_V

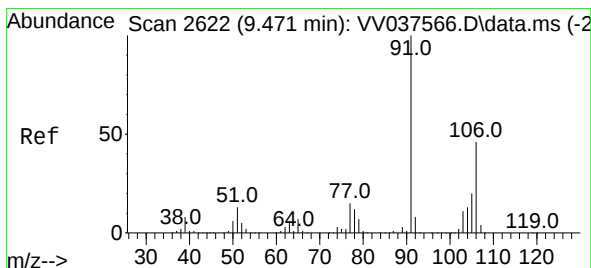
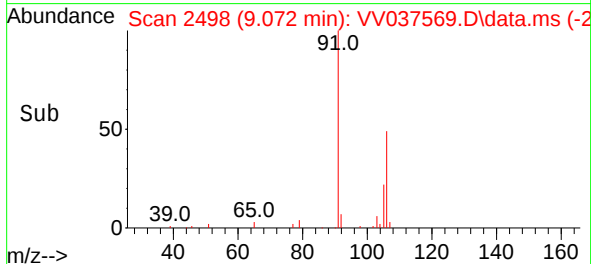
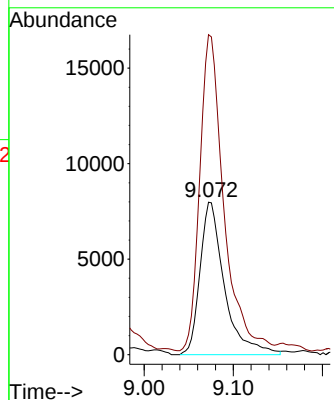
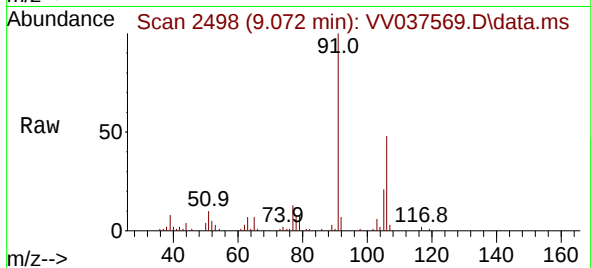
ClientSampleId :

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# 2624

Delta R.T. 0.006 min

Lab File: VV037569.D

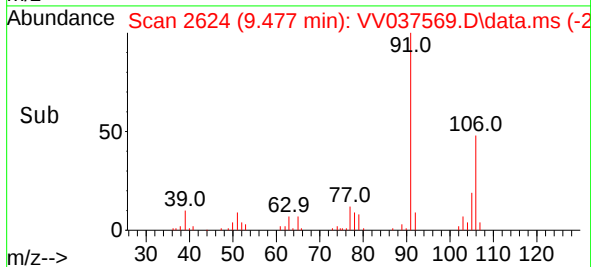
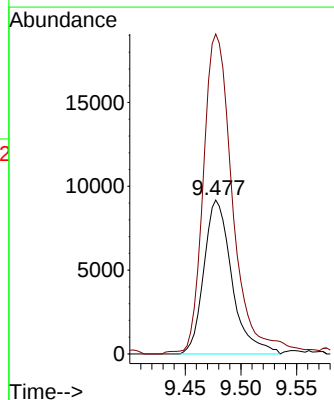
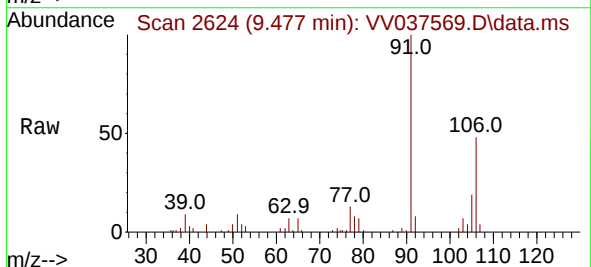
Acq: 26 Sep 2024 23:44

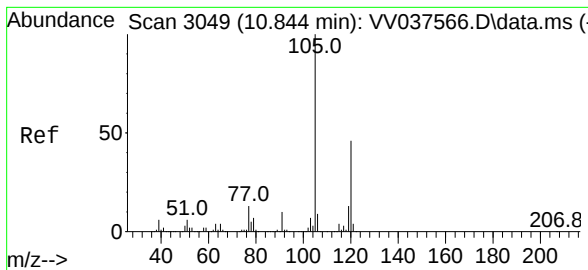
Tgt Ion:106 Resp: 16077

Ion Ratio Lower Upper

106 100

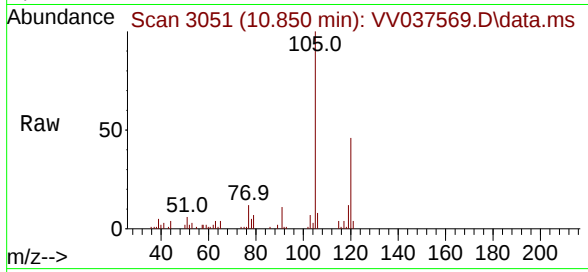
91 207.8 153.9 285.9





#63
 1,2,4-Trimethylbenzene
 Concen: 1.852 ug/L
 RT: 10.850 min Scan# 30
 Delta R.T. 0.006 min
 Lab File: VV037569.D
 Acq: 26 Sep 2024 23:44

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:105 Resp: 29183
 Ion Ratio Lower Upper
 105 100
 120 43.6 36.2 54.2

