

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017973.D
 Acq On : 13 Aug 2020 15:47
 Operator : SY/MD
 Sample : L3599-18ME
 Misc : 6.57µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYAOME

Quant Time: Aug 14 04:17:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	276719	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	277759	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	137304	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	83103	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.72%
7) Chloroethane-d5	1.57	69	62667	36.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.56%
11) 1,1-Dichloroethene-d2	2.10	63	137006	33.92	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.84%
21) 2-Butanone-d5	3.92	46	97745	70.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.68%
24) Chloroform-d	4.37	84	172370	44.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.70%
26) 1,2-Dichloroethane-d4	5.05	65	118598	47.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.02%
32) Benzene-d6	5.07	84	344275	44.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.94%
36) 1,2-Dichloropropane-d6	6.09	67	115176	46.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.04%
41) Toluene-d8	7.34	98	315242	45.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.58%
43) trans-1,3-Dichloropropene-	7.64	79	53701	47.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.62%
47) 2-Hexanone-d5	8.13	63	67667	84.26	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	140393	43.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.16%
64) 1,2-Dichlorobenzene-d4	11.65	152	127498	47.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.36%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	1898	0.772 ug/L #	1
12) 1,1-Dichloroethene	2.11	96	3404	1.834 ug/L #	1
16) Methylene chloride	2.52	84	4522	1.912 ug/L	96
17) trans-1,2-Dichloroethene	2.77	96	5129	2.688 ug/L	95
20) cis-1,2-Dichloroethene	3.93	96	459525	219.154 ug/L	100
34) Trichloroethene	5.94	95	6515508	2868.387 ug/L	98
39) cis-1,3-Dichloropropene	7.01	75	3195	0.962 ug/L #	69
42) Toluene	7.41	91	10659	1.189 ug/L	95
45) 1,1,2-Trichloroethane	7.81	97	1842	0.849 ug/L #	14
46) Tetrachloroethene	8.00	164	19854	11.918 ug/L	96
49) Dibromochloromethane	8.00	129	17826	8.415 ug/L #	10
53) m,p-Xylene	9.17	106	3753	1.044 ug/L	98
54) o-xylene	9.57	106	2049	0.577 ug/L	96
56) Isopropylbenzene	9.96	105	7806	0.833 ug/L	97
59) 1,2,3-Trichloropropane	11.27	75	16519	5.707 ug/L	89

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ClientSampleId :
GAYAOME

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 14 04:14:46 2020
Response via : Initial Calibration

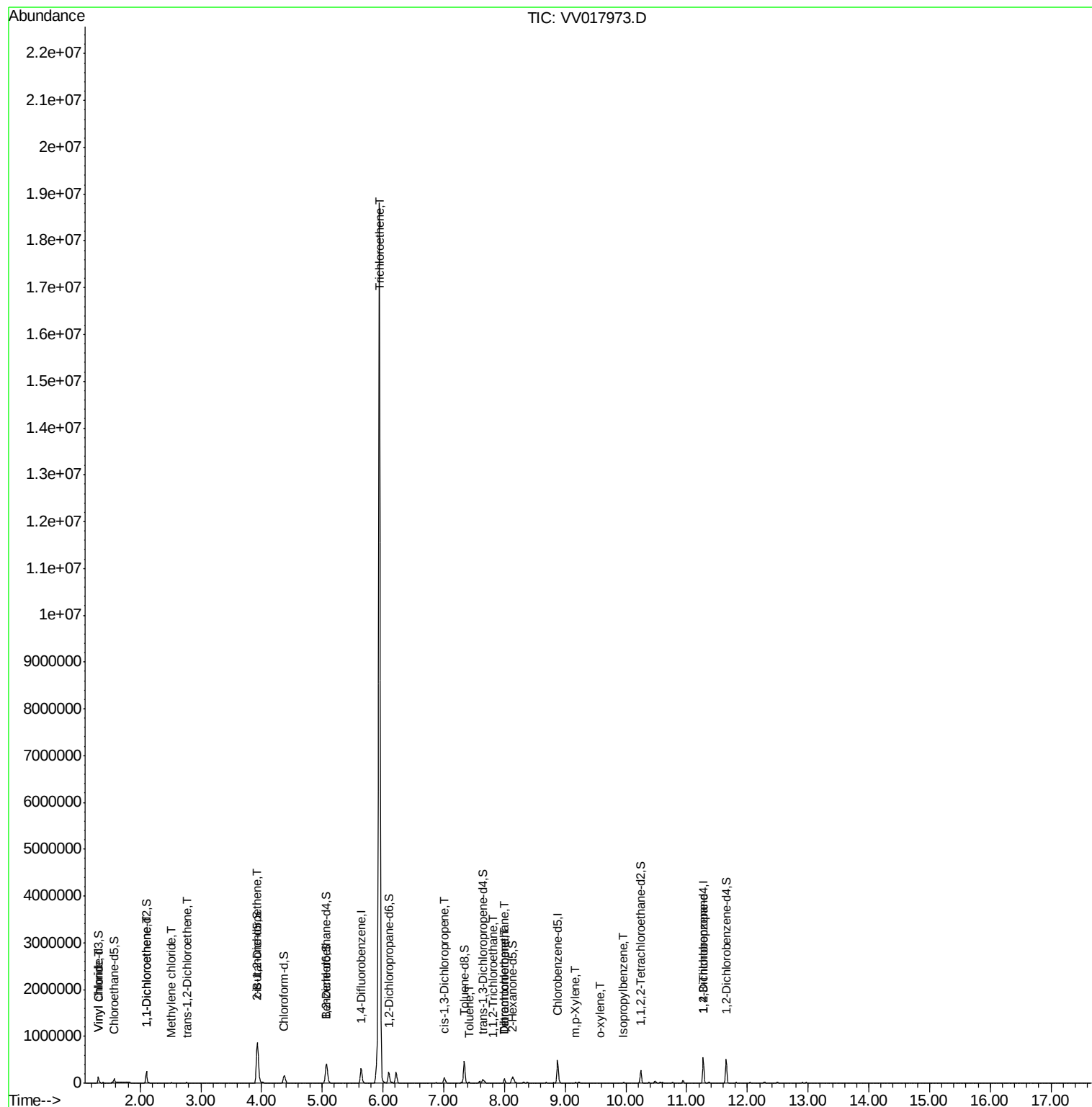
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

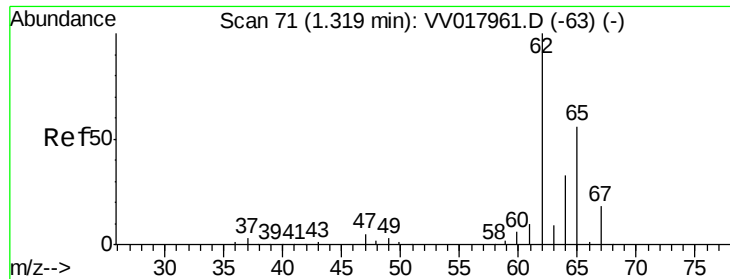
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV081320\
Data File : VV017973.D
Acq On : 13 Aug 2020 15:47
Operator : SY/MD
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 14 04:14:46 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.772 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

Instrument :

MSVOA_V

ClientSampleId :

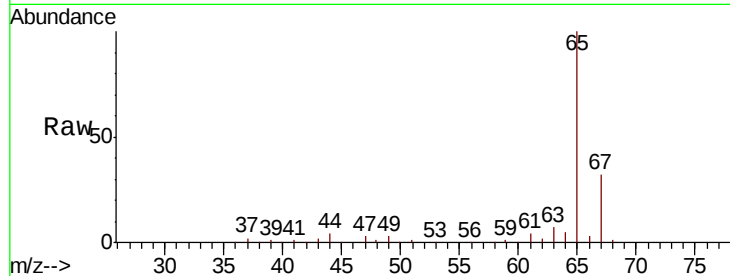
GAYAOME

Tot Ion: 62 Resp: 1898

Ion Ratio Lower Upper

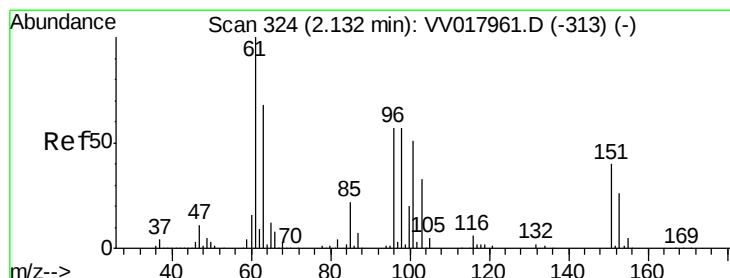
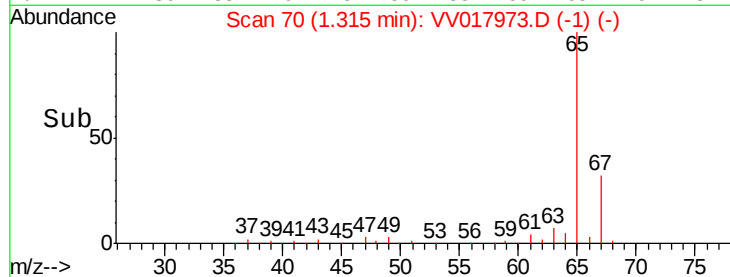
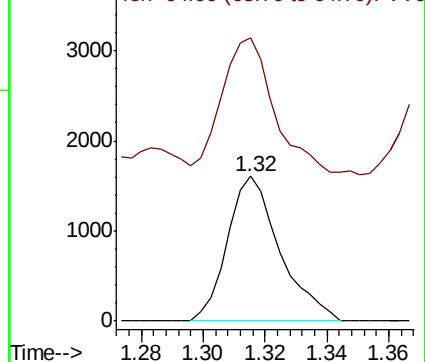
62 100

64 195.8 22.4 41.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 1.834 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.02 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

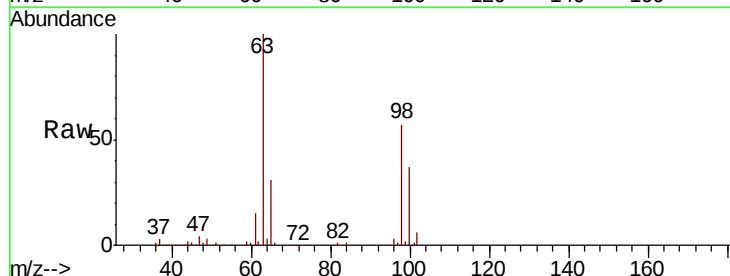
Tgt Ion: 96 Resp: 3404

Ion Ratio Lower Upper

96 100

61 477.9 127.1 236.0#

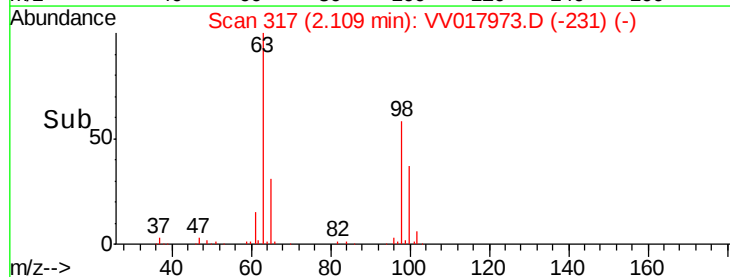
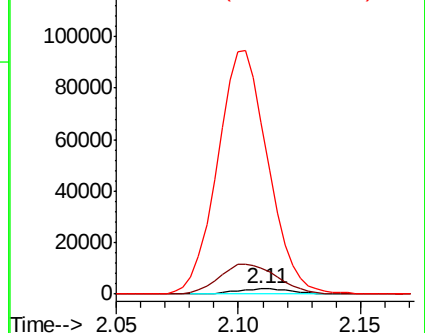
63 3167.1 95.2 176.8#

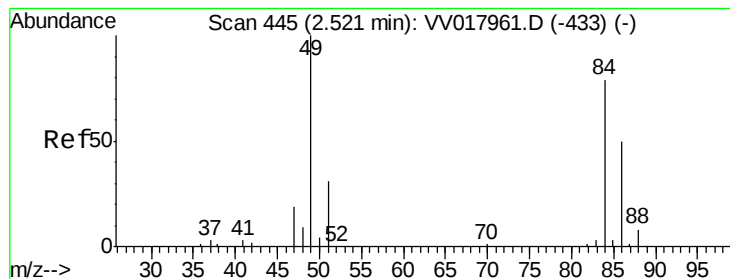


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#16

Methylene chloride

Concen: 1.912 ug/L

RT: 2.52 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

Instrument :

MSVOA_V

ClientSampleId :

GAYAOME

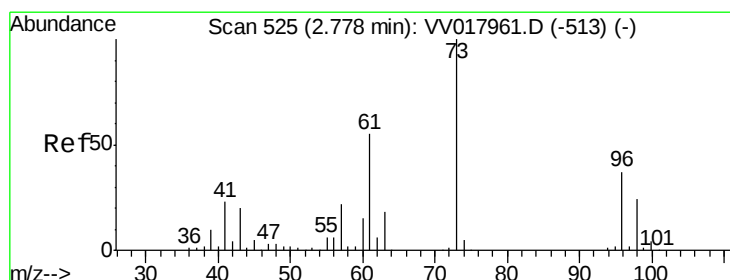
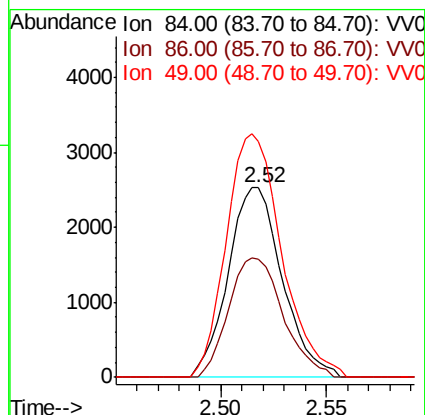
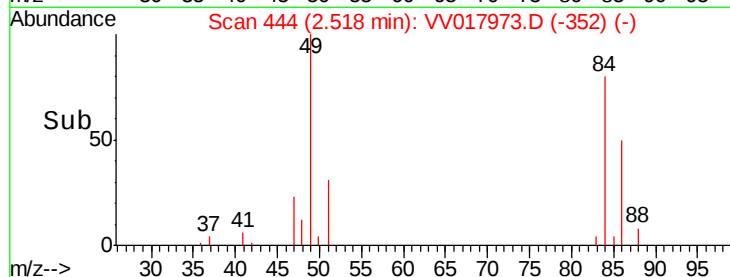
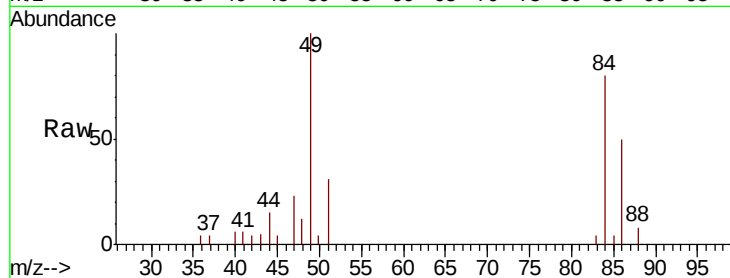
Tot Ion: 84 Resp: 4522

Ion Ratio Lower Upper

84 100

86 62.0 46.3 85.9

49 124.6 89.7 166.5



#17

trans-1,2-Dichloroethene

Concen: 2.688 ug/L

RT: 2.77 min Scan# 522

Delta R.T. -0.01 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

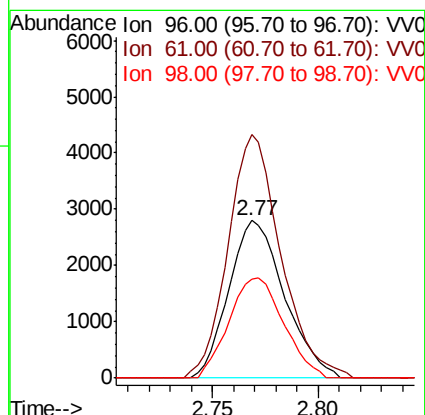
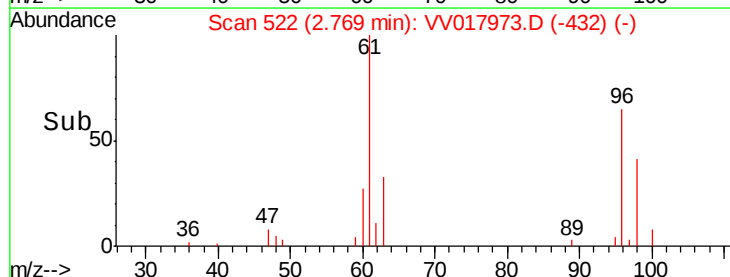
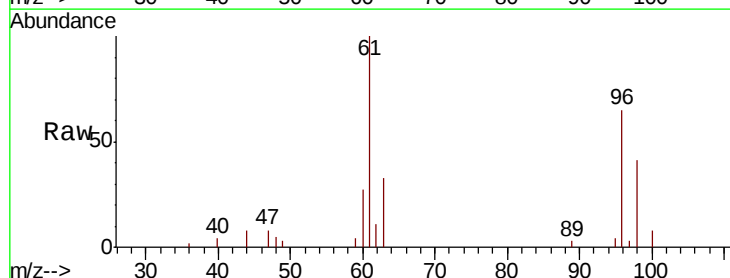
Tgt Ion: 96 Resp: 5129

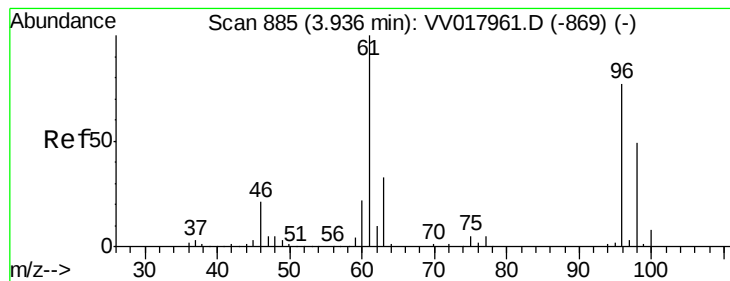
Ion Ratio Lower Upper

96 100

61 154.8 102.4 190.2

98 63.3 44.4 82.5



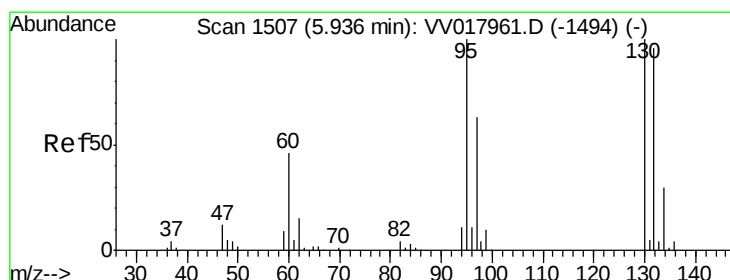
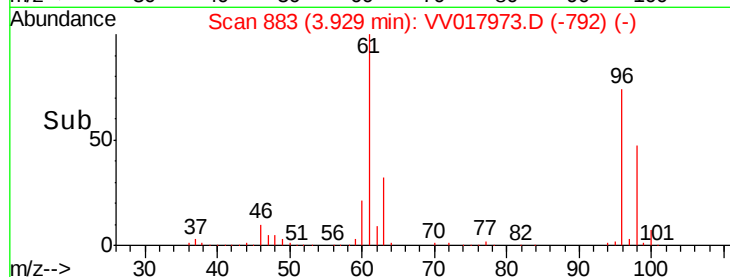
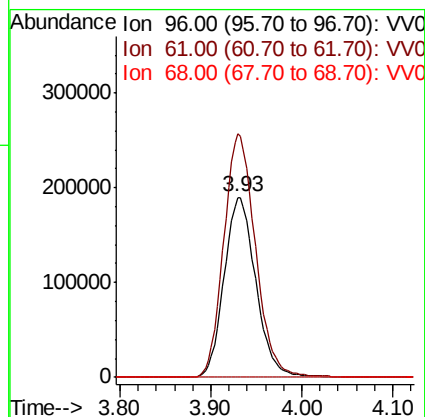
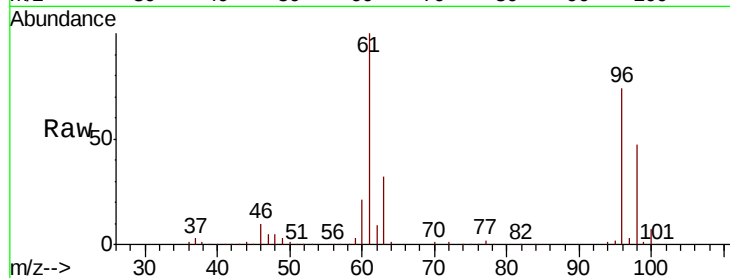


#20

cis-1,2-Dichloroethene
 Concen: 219.154 ug/L
 RT: 3.93 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: VV017973.D
 Acq: 13 Aug 2020 15:47

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYAOME

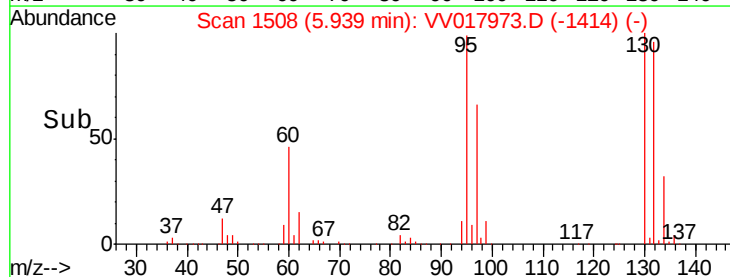
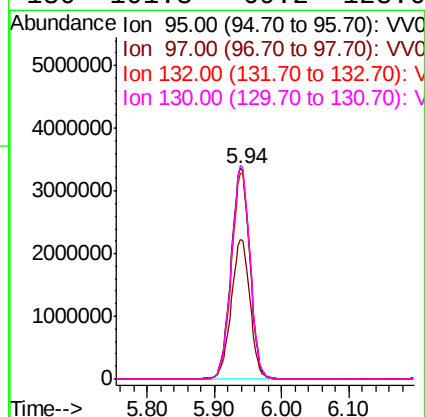
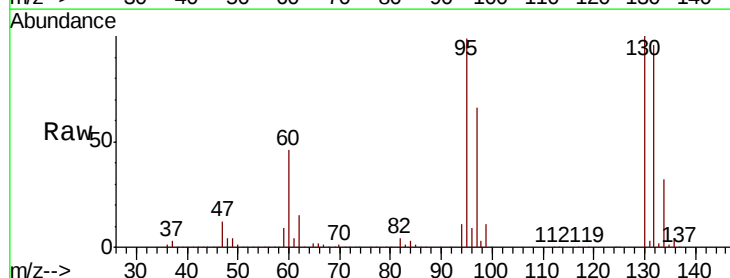
Tot Ion	Ratio	Lower	Upper
96	100		
61	135.5	95.0	176.4
68	0.0	0.0	0.0

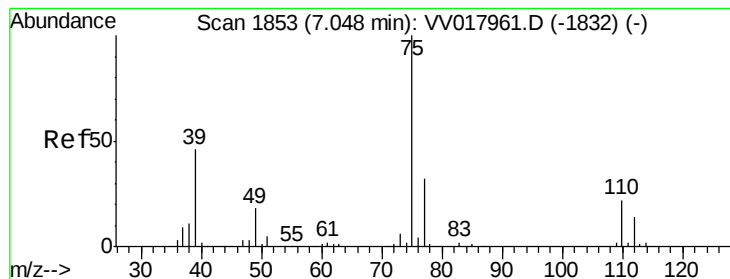


#34

Trichloroethene
 Concen: 2868.387 ug/L
 RT: 5.94 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: VV017973.D
 Acq: 13 Aug 2020 15:47

Tgt Ion	Ratio	Lower	Upper
95	100		
97	66.5	46.0	85.4
132	97.6	65.8	122.2
130	101.3	69.2	128.6



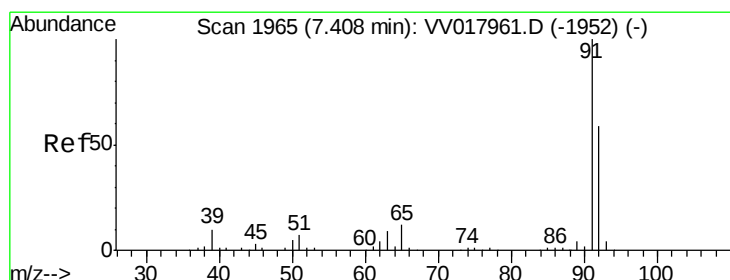
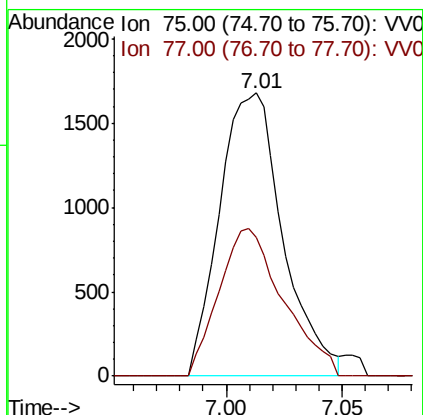
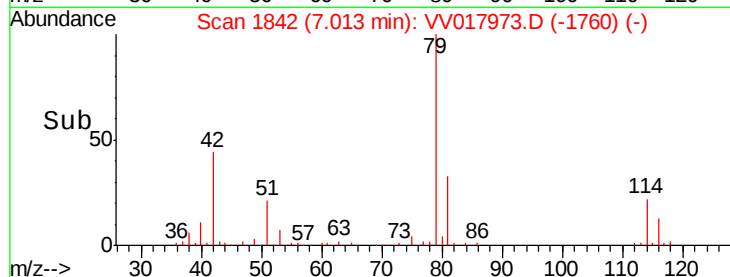
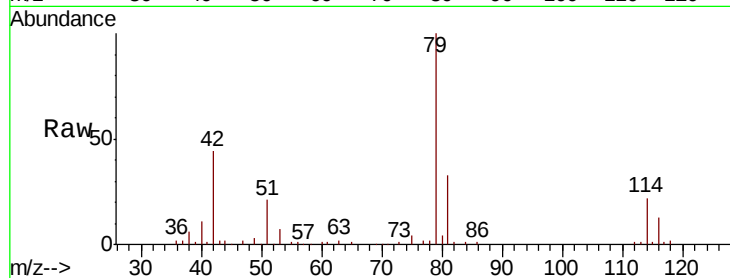


#39

cis-1,3-Dichloropropene
 Concen: 0.962 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV017973.D
 Acq: 13 Aug 2020 15:47

Instrument :
 MSVOA_V
 ClientSampleId :
 GAYAOME

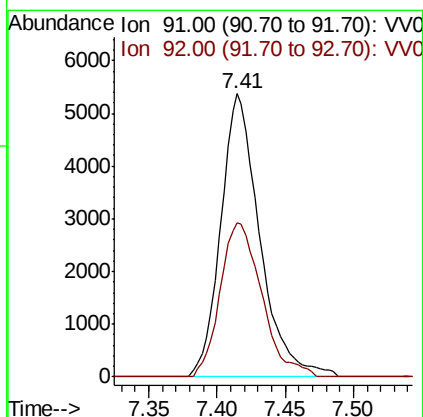
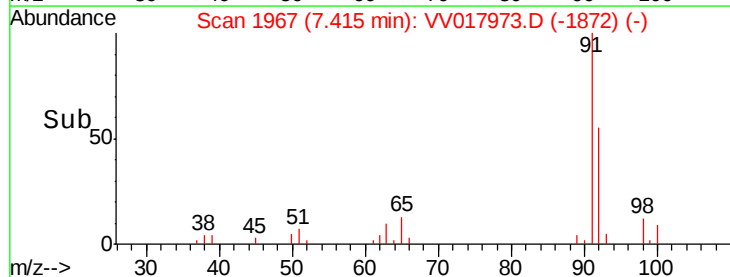
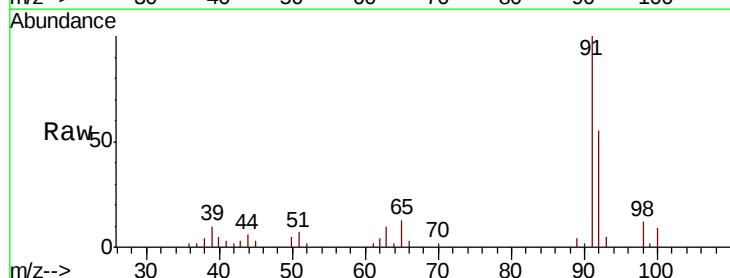
Tot Ion: 75 Resp: 3195
 Ion Ratio Lower Upper
 75 100
 77 48.9 22.3 41.5#

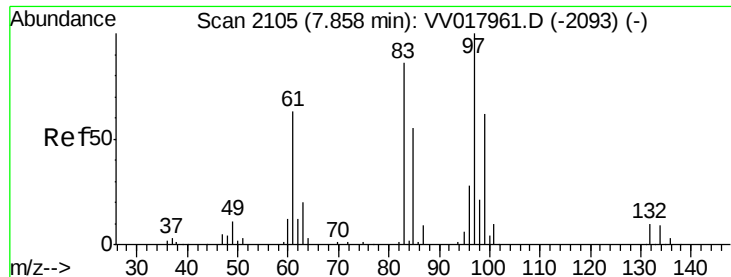


#42

Toluene
 Concen: 1.189 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV017973.D
 Acq: 13 Aug 2020 15:47

Tgt Ion: 91 Resp: 10659
 Ion Ratio Lower Upper
 91 100
 92 54.5 40.6 75.4

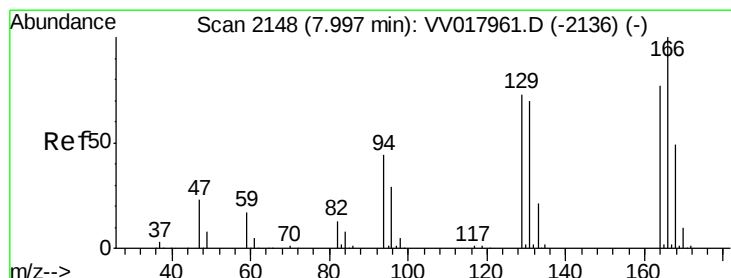
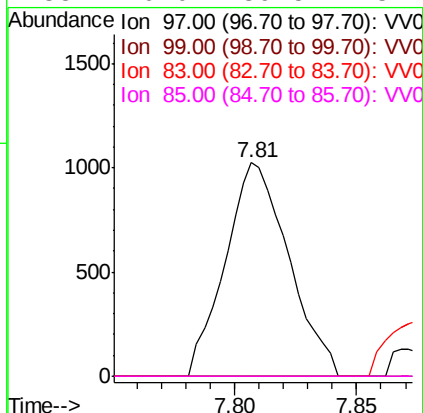
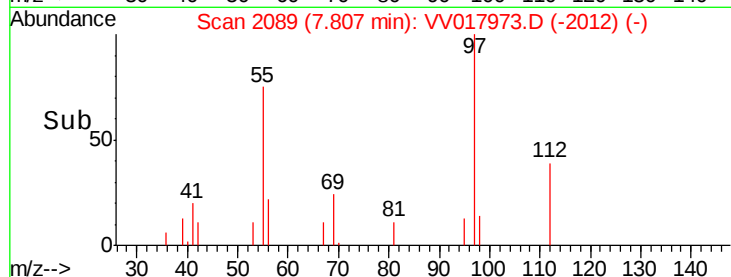
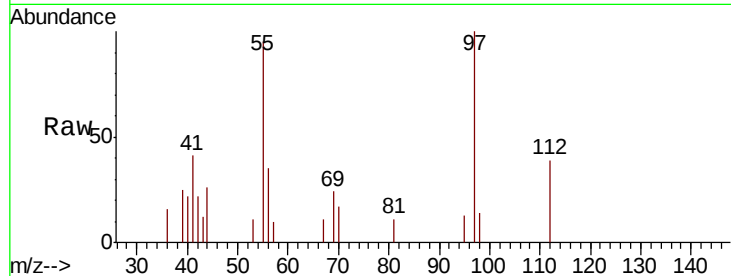




#45
 1,1,2-Trichloroethane
 Concen: 0.849 ug/L
 RT: 7.81 min Scan# 2089
 Delta R.T. -0.05 min
 Lab File: VV017973.D
 Acq: 13 Aug 2020 15:47

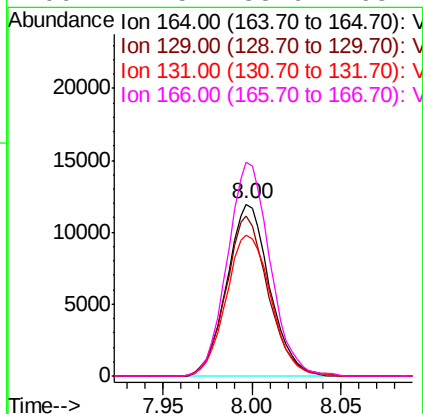
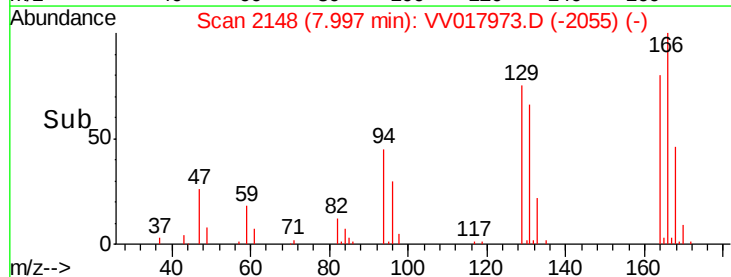
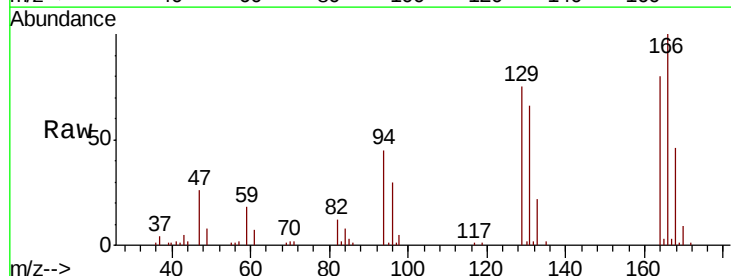
Instrument :
 MSVOA_V
 ClientSampleId :
 GAYAOME

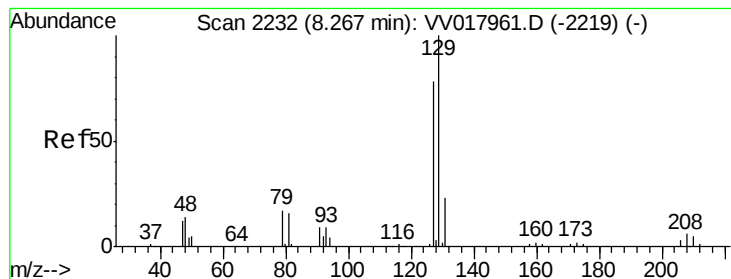
Tot Ion: 97 Resp: 1842
 Ion Ratio Lower Upper
 97 100
 99 0.0 44.2 82.2#
 83 0.0 61.0 113.4#
 85 0.0 39.5 73.4#



#46
 Tetrachloroethene
 Concen: 11.918 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017973.D
 Acq: 13 Aug 2020 15:47

Tgt Ion: 164 Resp: 19854
 Ion Ratio Lower Upper
 164 100
 129 93.0 64.8 120.3
 131 82.0 64.5 119.9
 166 124.5 88.9 165.1





#49

Dibromochloromethane

Concen: 8.415 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

Instrument :

MSVOA_V

ClientSampleId :

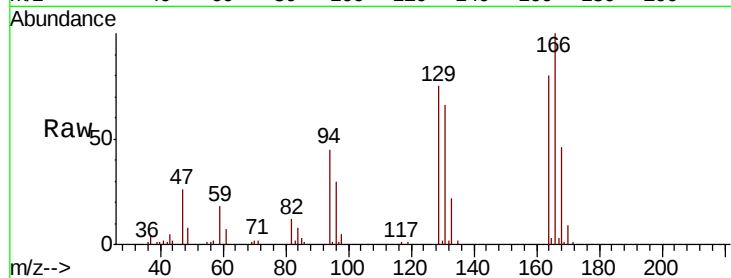
GAYAOME

Tot Ion:129 Resp: 17826

Ion Ratio Lower Upper

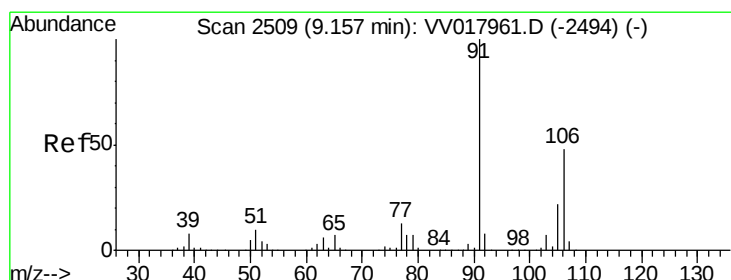
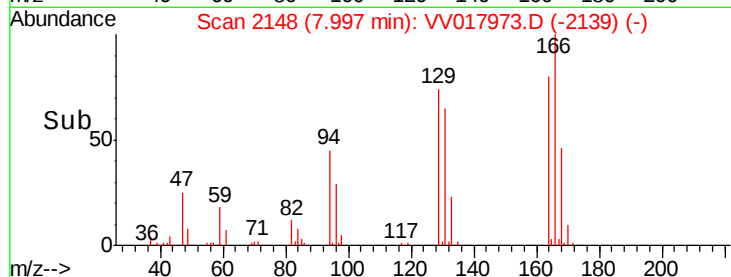
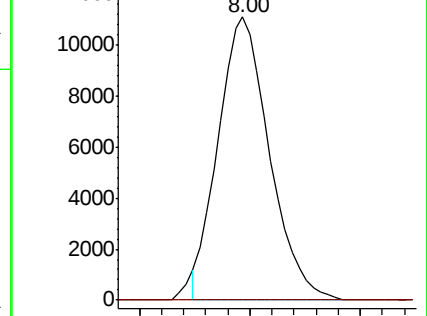
129 100

127 0.0 54.9 101.9#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#53

m,p-Xylene

Concen: 1.044 ug/L

RT: 9.17 min Scan# 2512

Delta R.T. 0.01 min

Lab File: VV017973.D

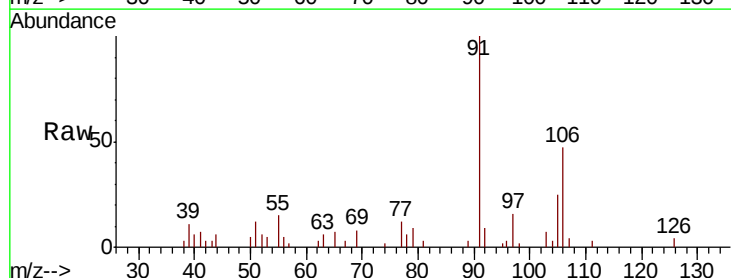
Acq: 13 Aug 2020 15:47

Tgt Ion:106 Resp: 3753

Ion Ratio Lower Upper

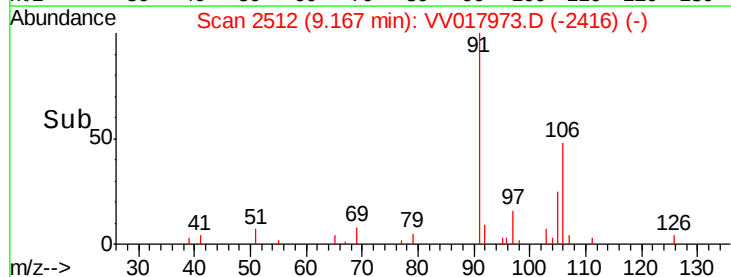
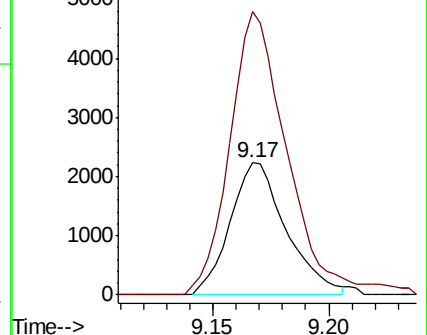
106 100

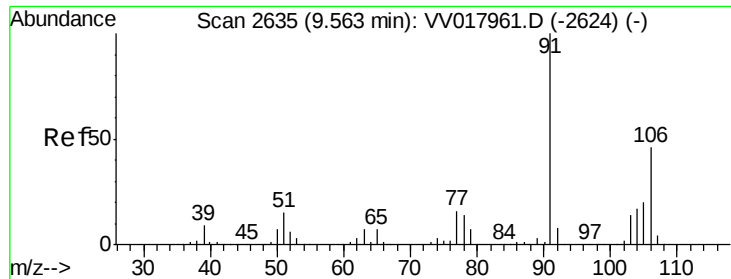
91 214.3 147.3 273.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#54

o-xylene

Concen: 0.577 ug/L

RT: 9.57 min Scan# 2638

Delta R.T. 0.01 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

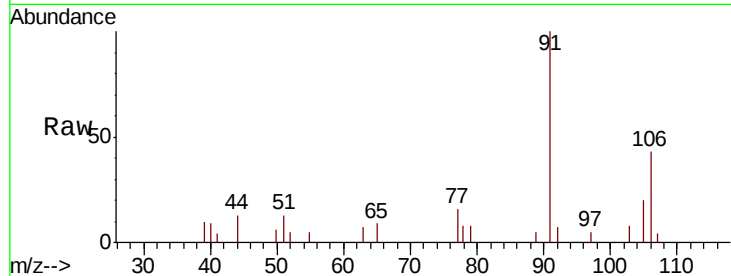
Instrument :
MSVOA_V
ClientSampleId :
GAYAOME

Tot Ion:106 Resp: 2049

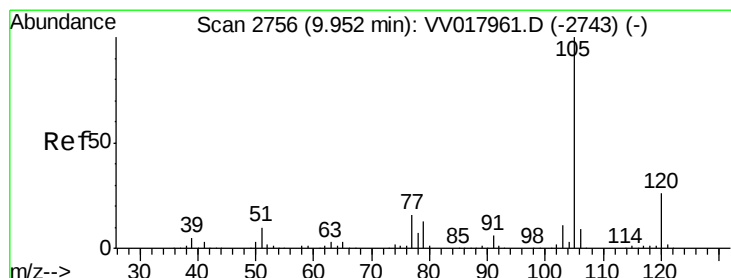
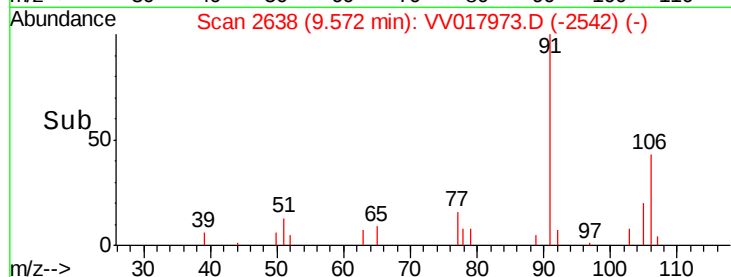
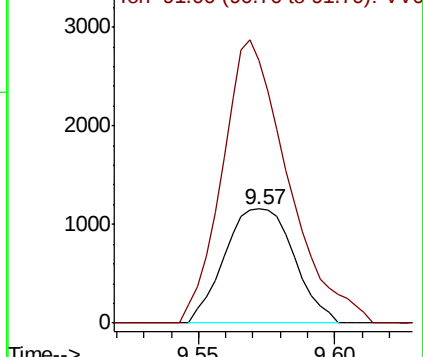
Ion Ratio Lower Upper

106 100

91 230.2 156.0 289.8



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 0.833 ug/L

RT: 9.96 min Scan# 2758

Delta R.T. 0.01 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

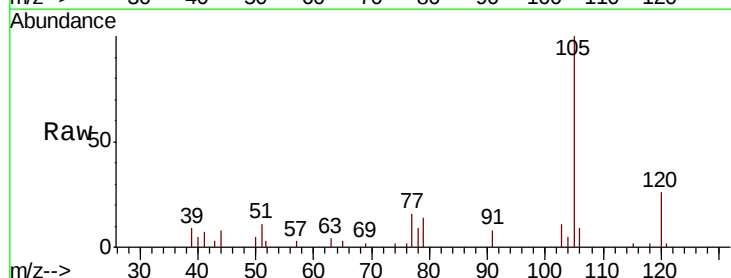
Tgt Ion:105 Resp: 7806

Ion Ratio Lower Upper

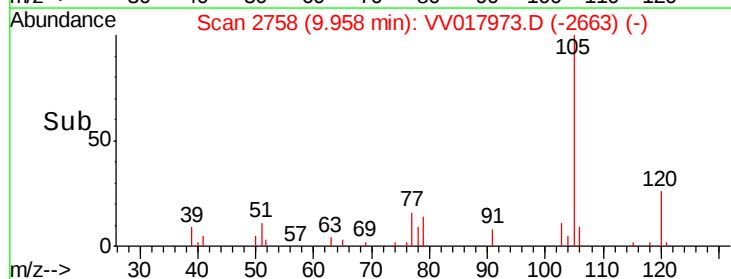
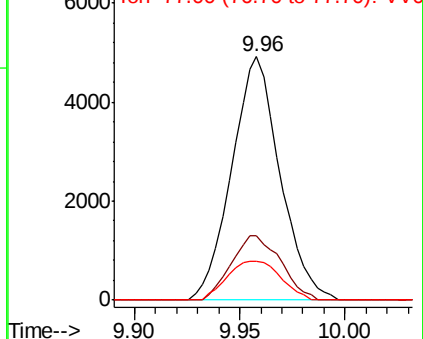
105 100

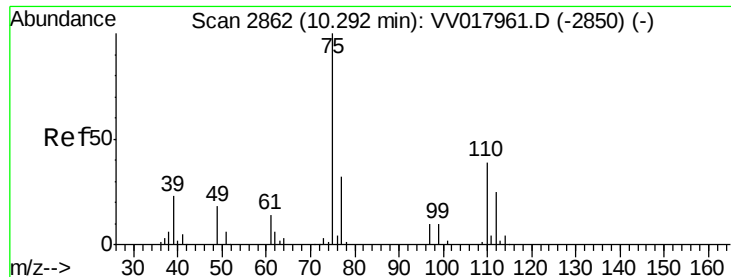
120 27.0 20.6 31.0

77 17.6 13.1 19.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V
Ion 77.00 (76.70 to 77.70): VV0





#59

1,2,3-Trichloropropane

Concen: 5.707 ug/L

RT: 11.27 min Scan# 3167

Delta R.T. 0.98 min

Lab File: VV017973.D

Acq: 13 Aug 2020 15:47

Instrument :

MSVOA_V

ClientSampleId :

GAYAOME

Tot Ion: 75 Resp: 16519

Ion Ratio Lower Upper

75 100

77 38.1 25.7 38.5

