

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016819.D
 Acq On : 11 Jun 2020 12:10
 Operator : SY/MD
 Sample : L2929-14
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:31:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	342952	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	331593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	179314	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	93401	38.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.20%
7) Chloroethane-d5	1.55	69	67629	46.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.14%
11) 1,1-Dichloroethene-d2	2.11	63	131513	32.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.72%
21) 2-Butanone-d5	3.89	46	165787	92.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.56%
24) Chloroform-d	4.37	84	212968	43.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.56%
26) 1,2-Dichloroethane-d4	5.05	65	155098	46.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.68%
32) Benzene-d6	5.07	84	414036	43.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.64%
36) 1,2-Dichloropropane-d6	6.09	67	127473	42.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.56%
41) Toluene-d8	7.33	98	378556	43.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.32%
43) trans-1,3-Dichloropropene-	7.64	79	63389	40.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.70%
47) 2-Hexanone-d5	8.11	63	112747	86.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181608	46.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.08%
64) 1,2-Dichlorobenzene-d4	11.65	152	179125	46.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.62%

Target Compounds

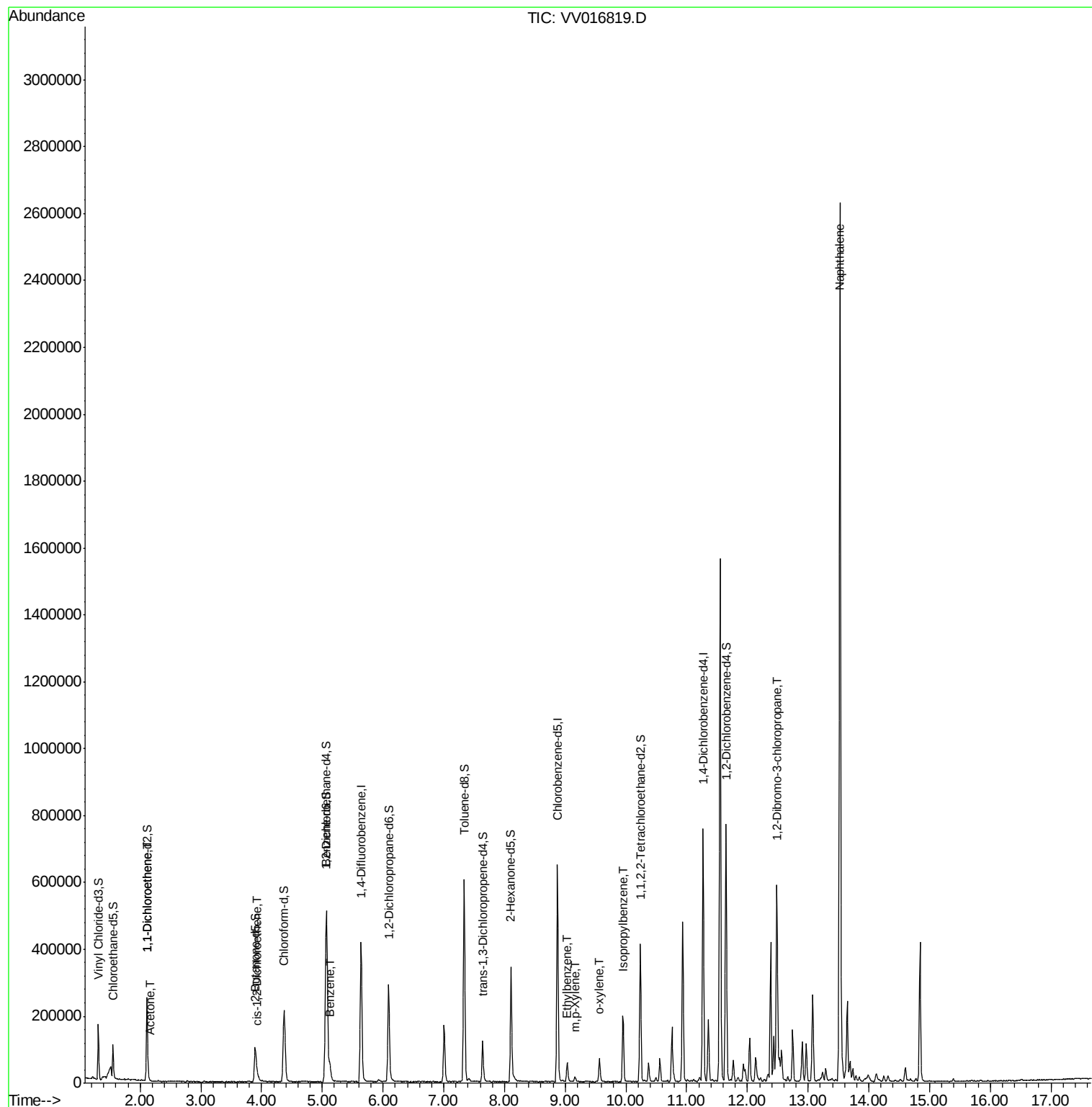
					Ovalue
12) 1,1-Dichloroethene	2.12	96	1323	0.777 ug/L #	1
13) Acetone	2.17	43	1218	1.032 ug/L	70
20) cis-1,2-Dichloroethene	3.94	96	1646	0.651 ug/L	90
33) Benzene	5.12	78	54538	5.559 ug/L	100
52) Ethylbenzene	9.03	91	37226	3.250 ug/L	99
53) m,p-Xylene	9.16	106	3687	0.864 ug/L	90
54) o-xylene	9.56	106	17705	4.209 ug/L	90
56) Isopropylbenzene	9.95	105	118620	10.494 ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	12949	14.469 ug/L #	2
69) Naphthalene	13.52	128	1833567	164.091 ug/L	100

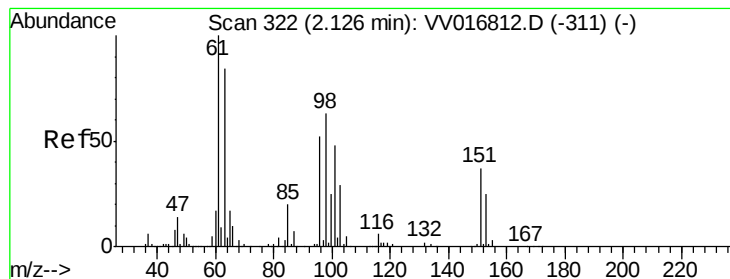
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.777 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016819.D

Acq: 11 Jun 2020 12:10

Instrument :

MSVOA_V

ClientSampled :

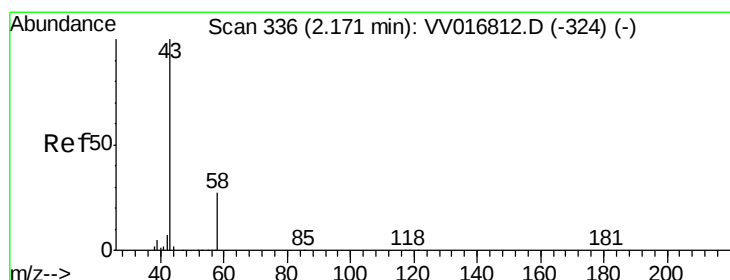
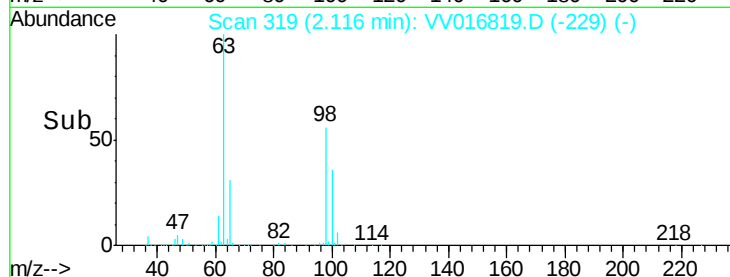
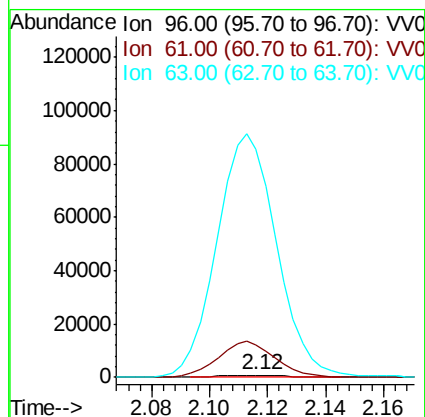
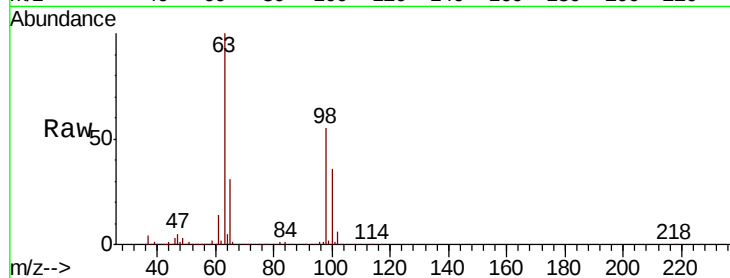
Tot Ion: 96 Resp: 1323

Ion Ratio Lower Upper

96 100

61 1689.6 130.4 242.2#

63 11683.1 103.3 191.9#



#13

Acetone

Concen: 1.032 ug/L

RT: 2.17 min Scan# 336

Delta R.T. -0.00 min

Lab File: VV016819.D

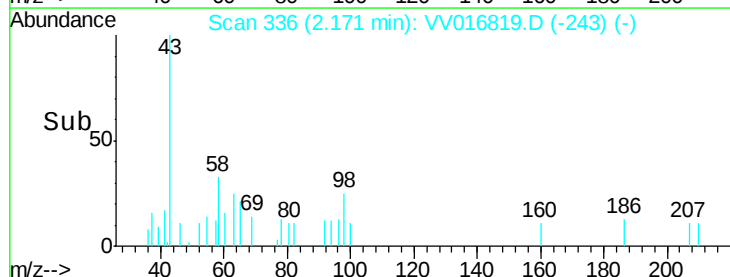
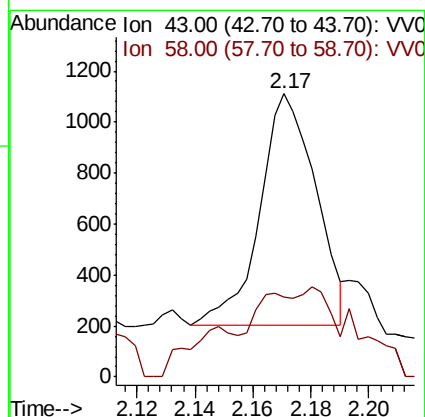
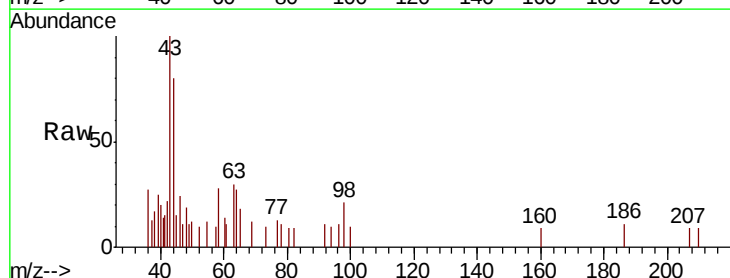
Acq: 11 Jun 2020 12:10

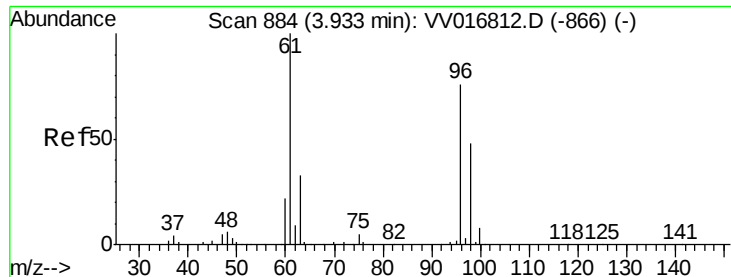
Tgt Ion: 43 Resp: 1218

Ion Ratio Lower Upper

43 100

58 11.8 0.0 55.2

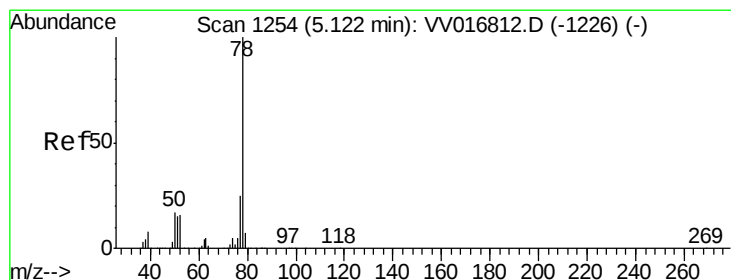
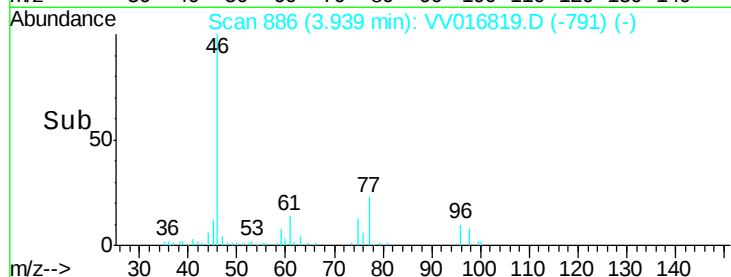
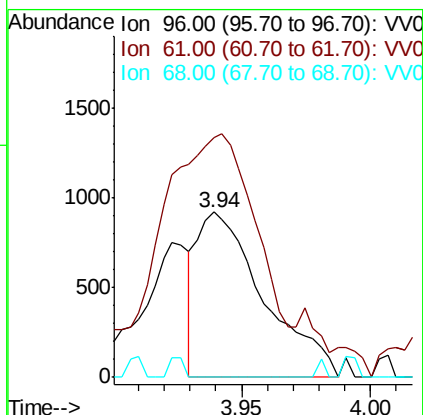
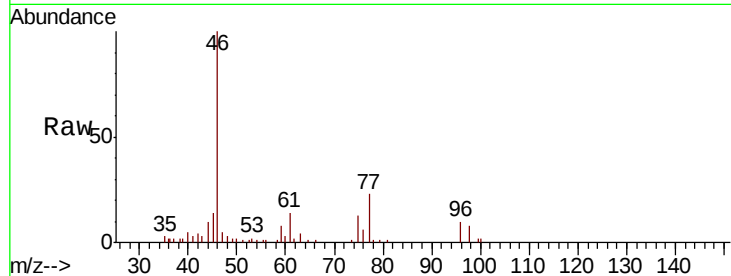




#20
 cis-1,2-Dichloroethene
 Concen: 0.651 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.01 min
 Lab File: VV016819.D
 Acq: 11 Jun 2020 12:10

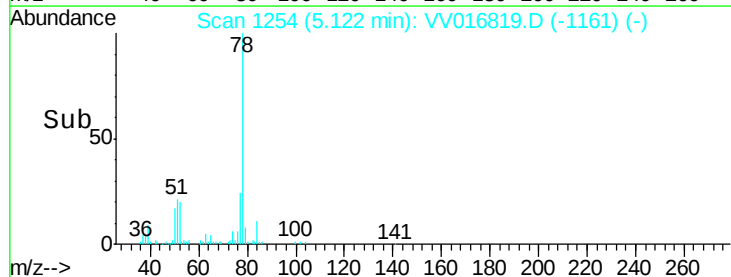
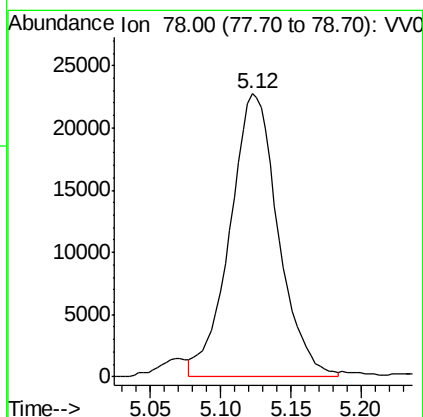
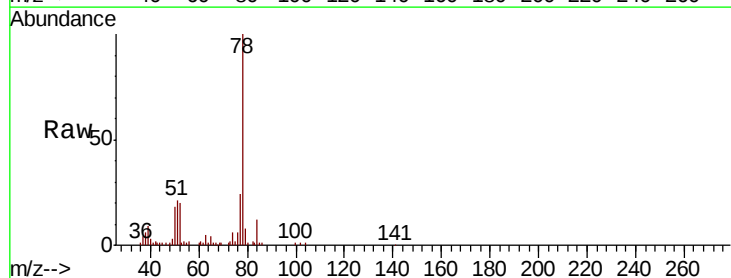
Instrument :
 MSVOA_V
 ClientSampleId :

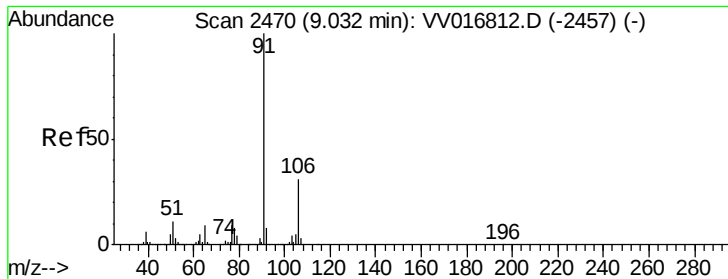
Tot Ion: 96 Resp: 1646
 Ion Ratio Lower Upper
 96 100
 61 145.0 93.4 173.4
 68 0.0 0.0 0.0



#33
 Benzene
 Concen: 5.559 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VV016819.D
 Acq: 11 Jun 2020 12:10

Tgt Ion: 78 Resp: 54538





#52

Ethylbenzene

Concen: 3.250 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016819.D

Acq: 11 Jun 2020 12:10

Instrument :

MSVOA_V

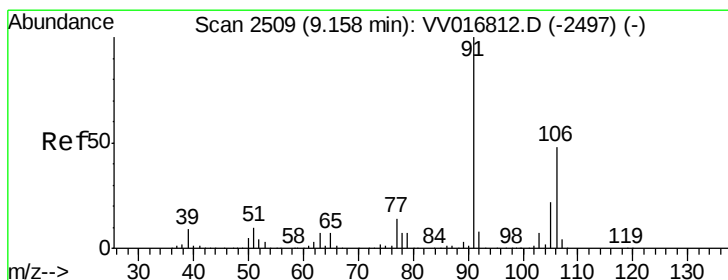
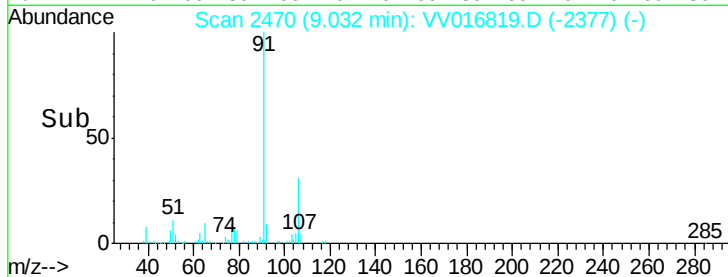
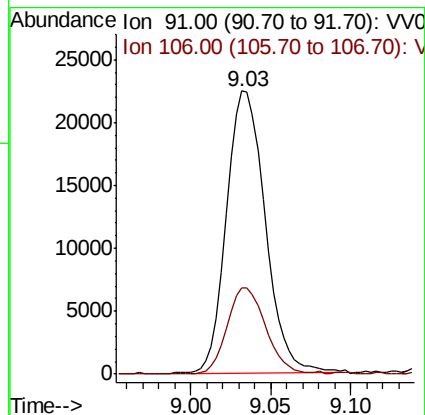
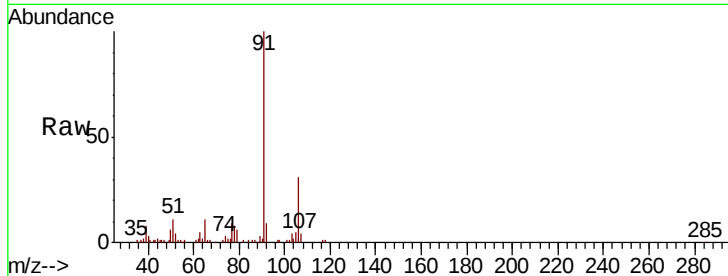
ClientSampleId :

Tot Ion: 91 Resp: 37226

Ion Ratio Lower Upper

91 100

106 30.6 21.1 39.1



#53

m,p-Xylene

Concen: 0.864 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV016819.D

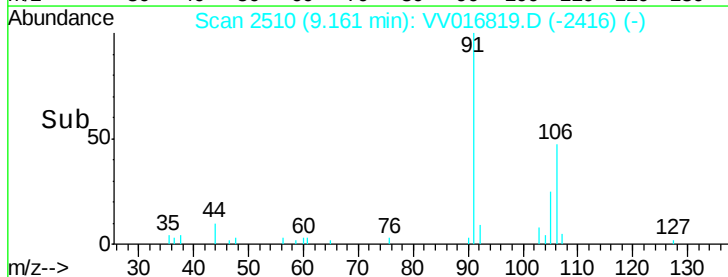
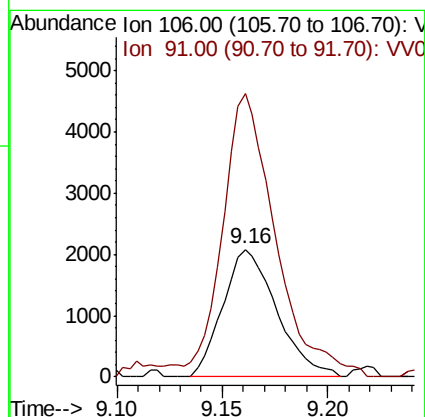
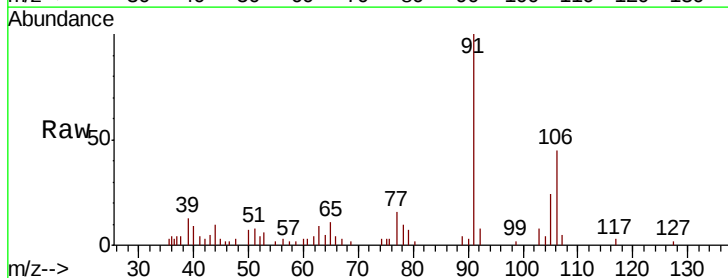
Acq: 11 Jun 2020 12:10

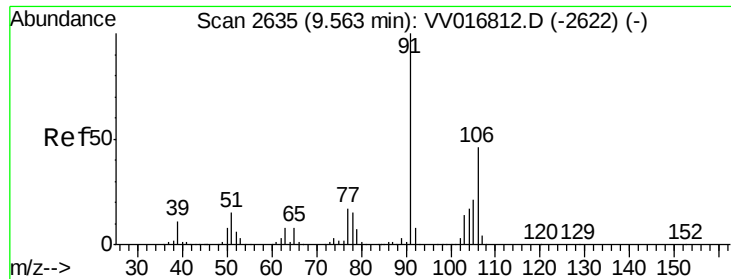
Tgt Ion: 106 Resp: 3687

Ion Ratio Lower Upper

106 100

91 222.5 144.6 268.6





#54

o-xylene

Concen: 4.209 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. -0.00 min

Lab File: VV016819.D

Acq: 11 Jun 2020 12:10

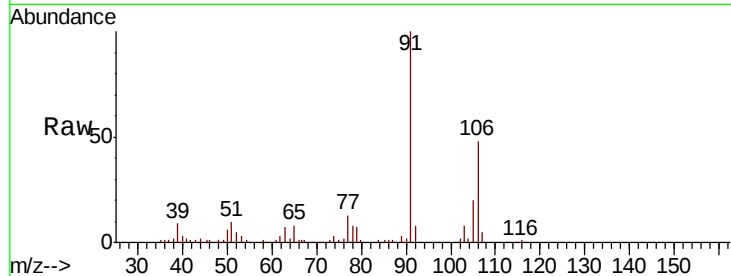
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 17705

Ion Ratio Lower Upper

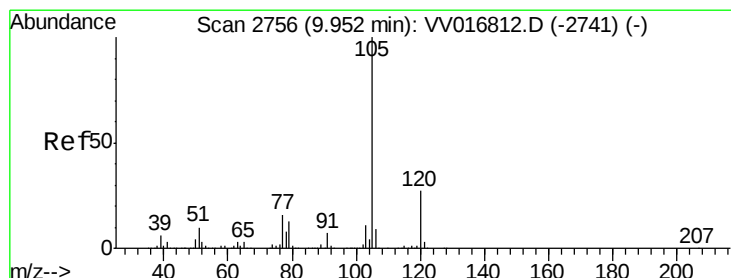
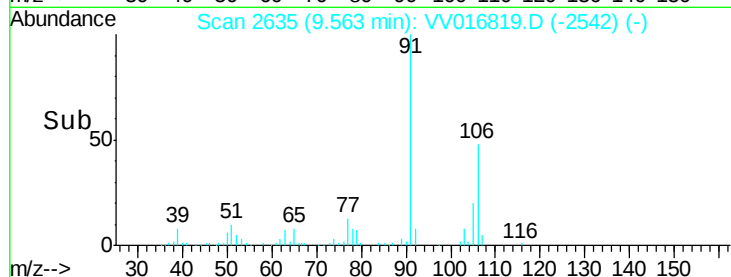
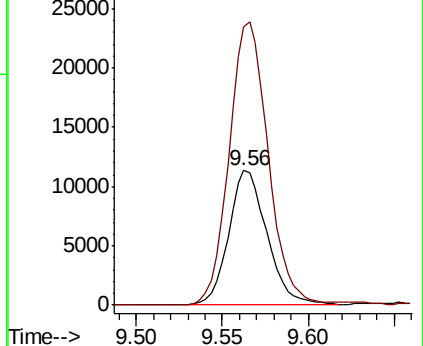
106 100

91 206.7 155.9 289.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#56

Isopropylbenzene

Concen: 10.494 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV016819.D

Acq: 11 Jun 2020 12:10

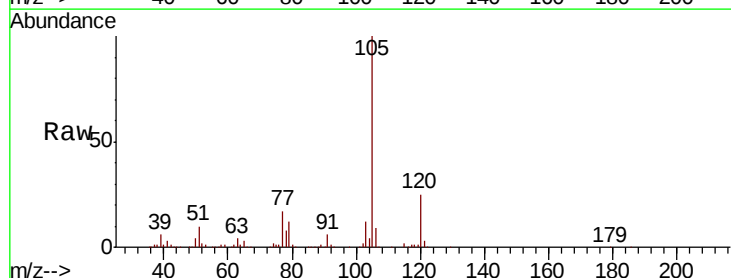
Tgt Ion:105 Resp: 118620

Ion Ratio Lower Upper

105 100

120 26.1 21.2 31.8

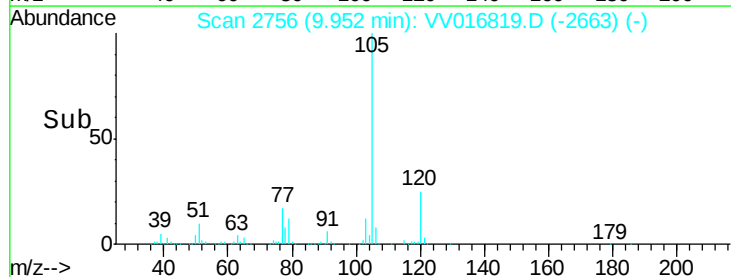
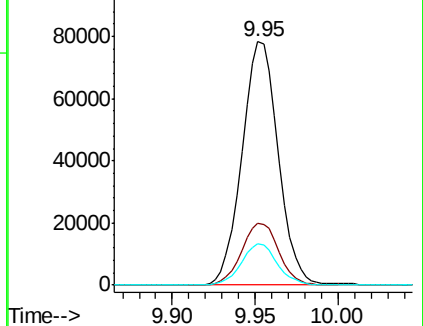
77 16.8 13.0 19.4

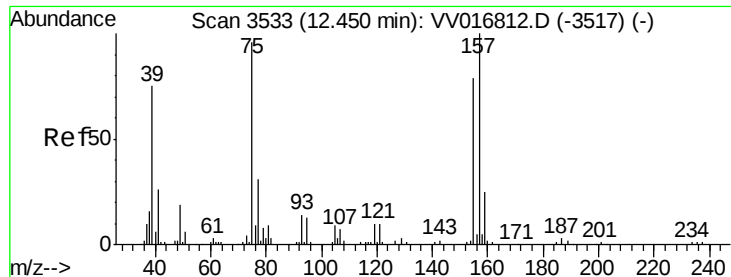


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VV0

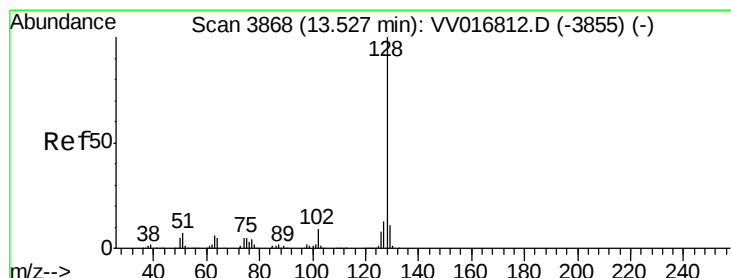
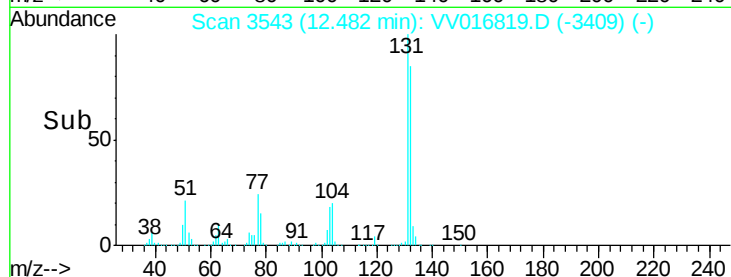
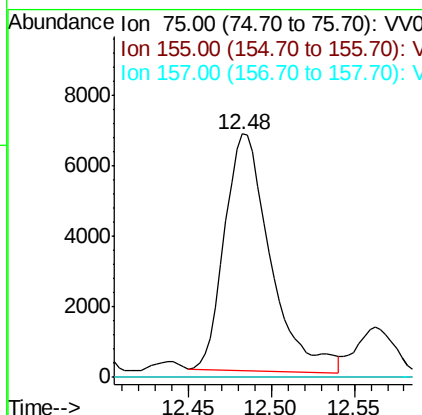
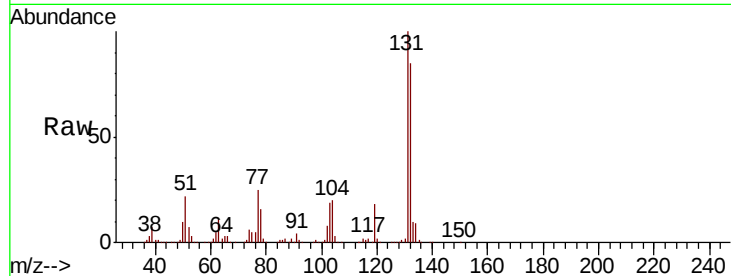




#66
 1,2-Dibromo-3-chloropropane
 Concen: 14.469 ug/L
 RT: 12.48 min Scan# 3543
 Delta R.T. 0.03 min
 Lab File: VV016819.D
 Acq: 11 Jun 2020 12:10

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 75 Resp: 12949
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.8 104.6#
 157 0.0 83.4 125.2#



#69
 Naphthalene
 Concen: 164.091 ug/L
 RT: 13.52 min Scan# 3867
 Delta R.T. -0.00 min
 Lab File: VV016819.D
 Acq: 11 Jun 2020 12:10

Tgt Ion: 128 Resp: 1833567
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.5 15.7
 129 11.1 8.7 13.1

