

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015635.D
 Acq On : 22 Apr 2020 20:46
 Operator : SY/MD
 Sample : L2366-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:11:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	127700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124720	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	59425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	31914	4.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.60%
7) Chloroethane-d5	1.58	69	32002	4.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.60%
11) 1,1-Dichloroethene-d2	2.12	63	50477	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.91	46	105949	49.44	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.88%
24) Chloroform-d	4.38	84	74689	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.06	65	43427	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.08	84	144480	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.09	67	45905	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.34	98	132500	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	7.64	79	14632	3.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.60%
46) 2-Hexanone-d5	8.11	63	79767	44.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	31731	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	50599	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

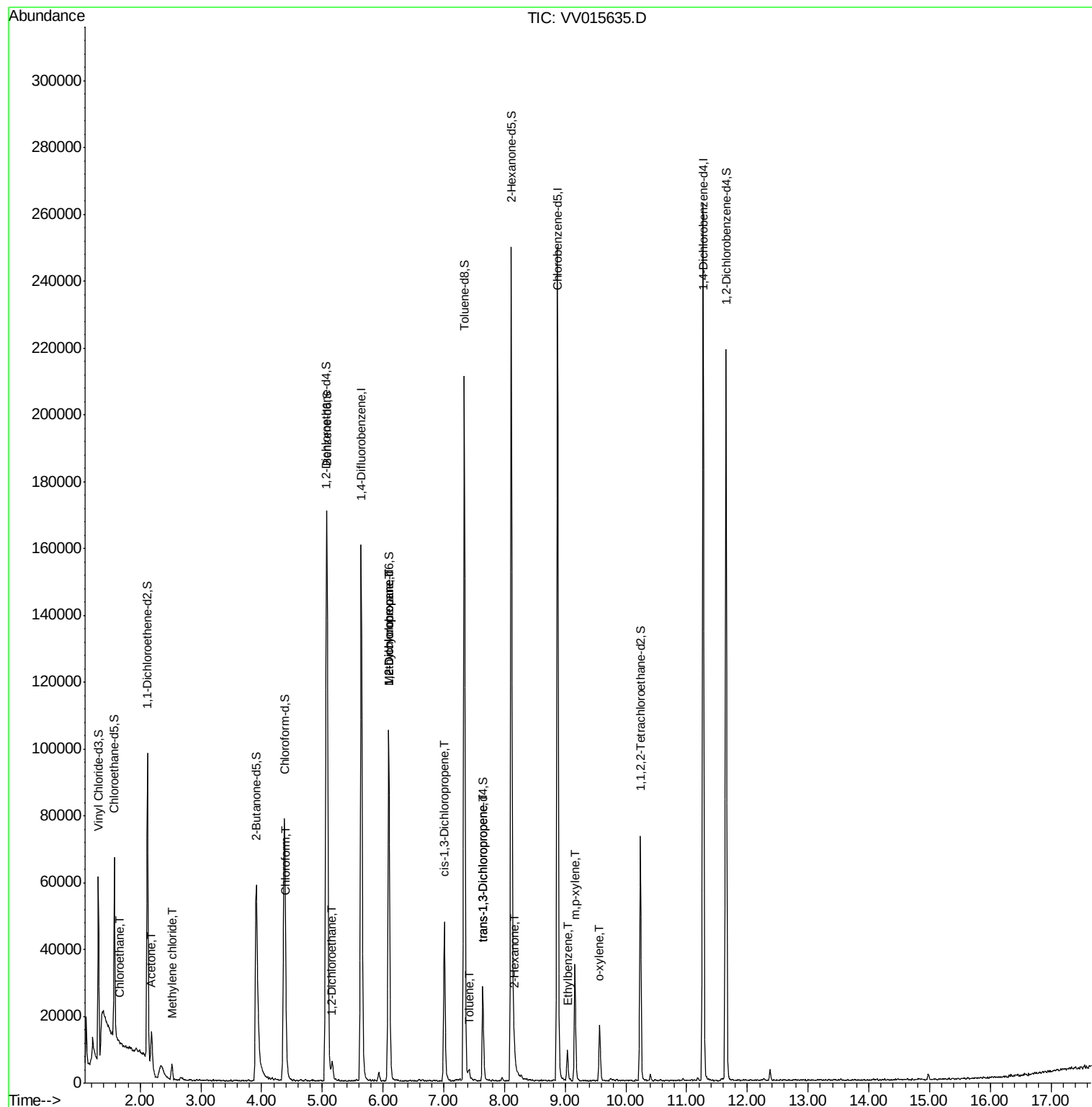
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.67	64	1043	0.157	ug/L #	53
13) Acetone	2.19	43	14443	9.707	ug/L	99
16) Methylene chloride	2.53	84	1776	0.194	ug/L	96
25) Chloroform	4.41	83	2275	0.131	ug/L	79
27) 1,2-Dichloroethane	5.16	62	4808	0.422	ug/L #	95
35) Methylcyclohexane	6.09	83	11464	0.759	ug/L #	15
37) 1,2-Dichloropropane	6.09	63	5954	0.657	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1341	0.106	ug/L #	52
42) Toluene	7.41	91	2413	0.063	ug/L	97
44) trans-1,3-Dichloropropene	7.64	75	782	0.074	ug/L	97
48) 2-Hexanone	8.17	43	2802	0.668	ug/L #	50
52) Ethylbenzene	9.04	91	6299	0.143	ug/L	95
53) m,p-xylene	9.16	106	9101	0.564	ug/L	93
54) o-xylene	9.57	106	4106	0.263	ug/L	81

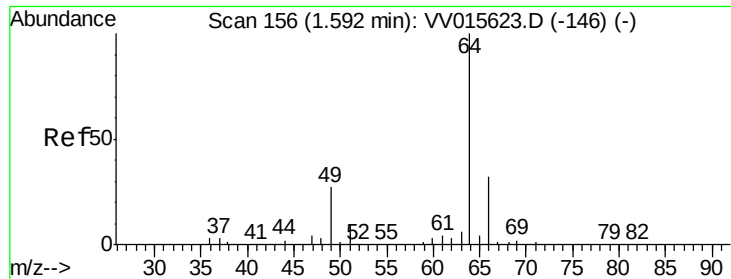
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Apr 23 03:05:46 2020
Response via : Initial Calibration

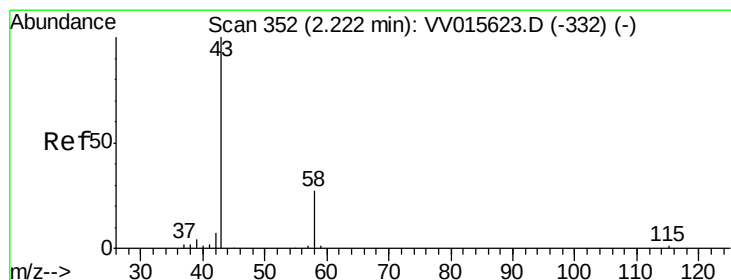
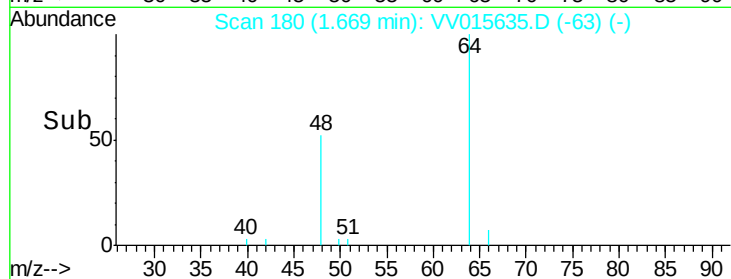
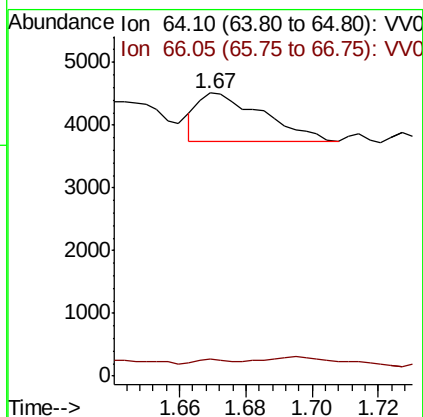
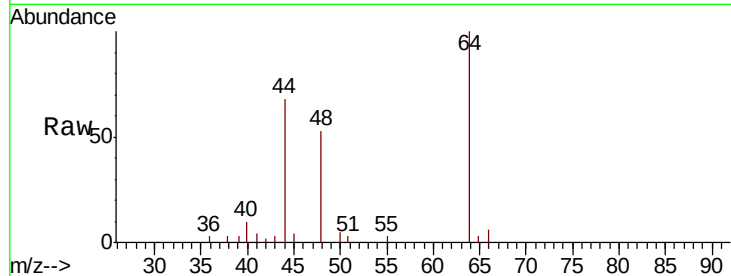




#8
Chloroethane
Concen: 0.157 ug/L
RT: 1.67 min Scan# 180
Delta R.T. 0.08 min
Lab File: VV015635.D
Acq: 22 Apr 2020 20:46

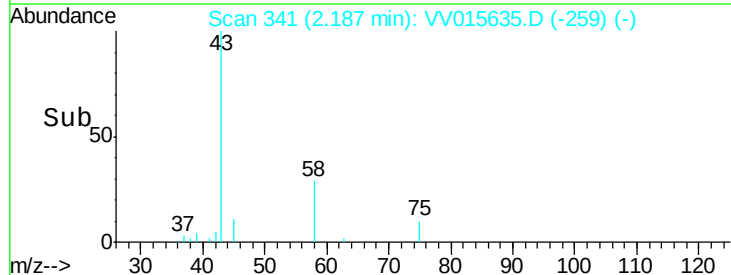
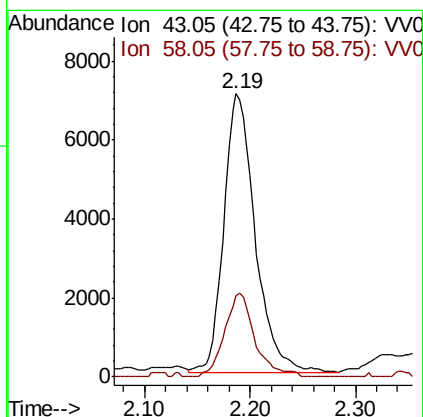
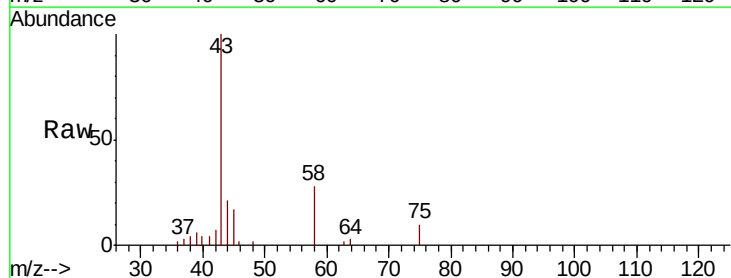
Instrument :
MSVOA_V
ClientSampled :

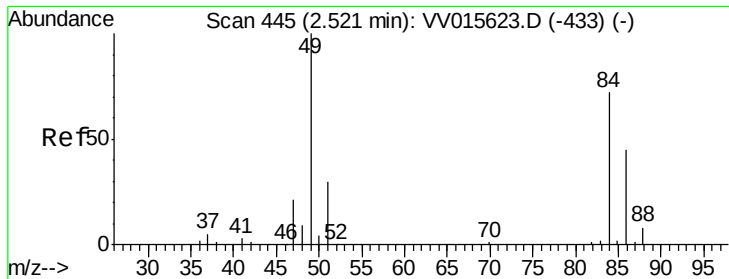
Tot Ion: 64 Resp: 1043
Ion Ratio Lower Upper
64 100
66 6.0 22.3 41.5#



#13
Acetone
Concen: 9.707 ug/L
RT: 2.19 min Scan# 341
Delta R.T. -0.04 min
Lab File: VV015635.D
Acq: 22 Apr 2020 20:46

Tgt Ion: 43 Resp: 14443
Ion Ratio Lower Upper
43 100
58 29.4 0.0 57.6

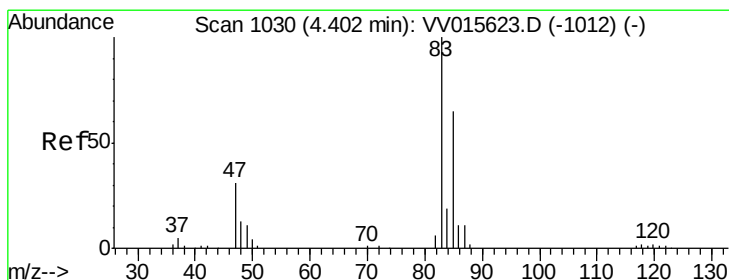
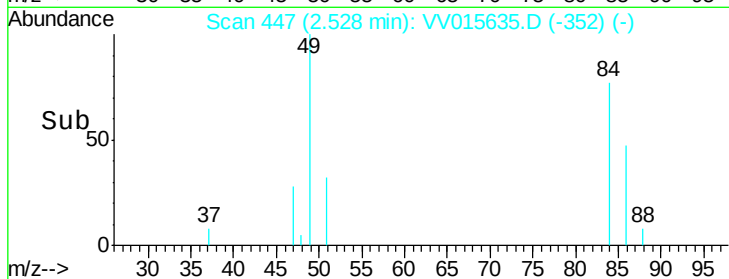
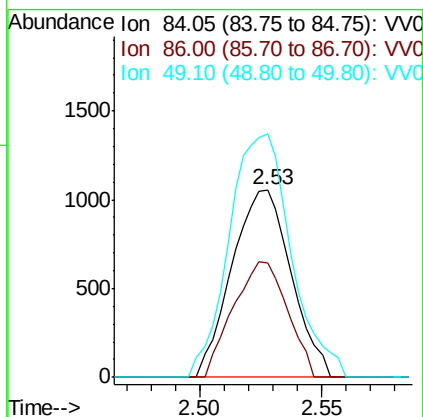
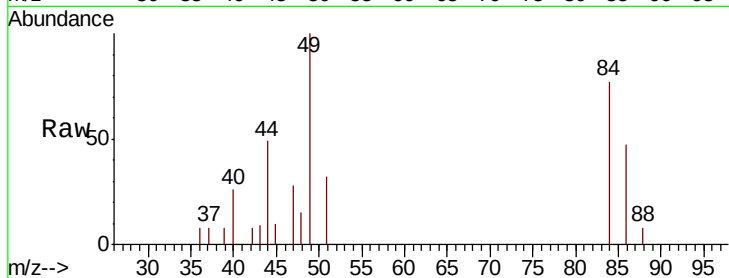




#16
Methylene chloride
Concen: 0.194 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV015635.D
Acq: 22 Apr 2020 20:46

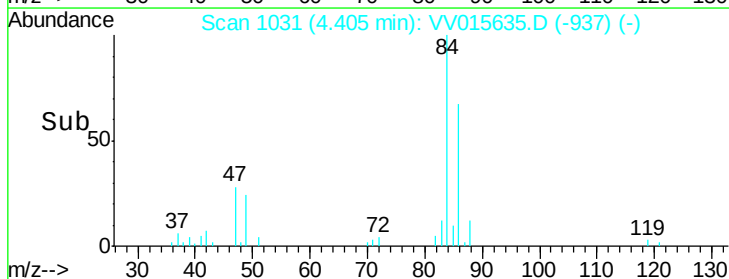
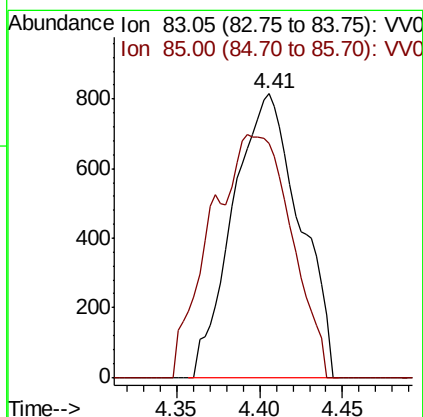
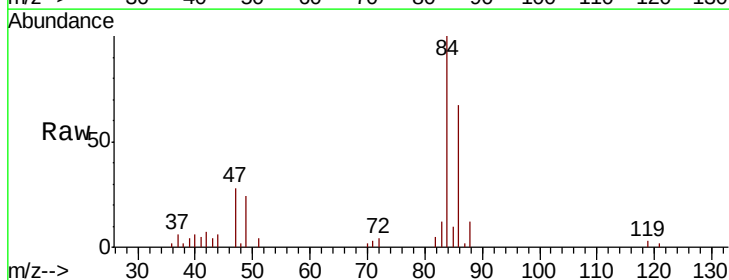
Instrument :
MSVOA_V
ClientSampleId :

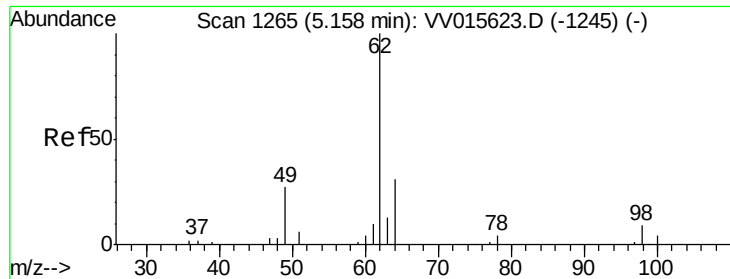
Tot Ion: 84 Resp: 1776
Ion Ratio Lower Upper
84 100
86 61.1 45.1 83.7
49 129.7 94.4 175.4



#25
Chloroform
Concen: 0.131 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015635.D
Acq: 22 Apr 2020 20:46

Tgt Ion: 83 Resp: 2275
Ion Ratio Lower Upper
83 100
85 82.3 46.1 85.5

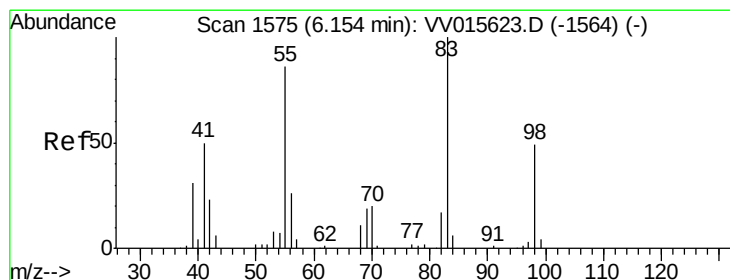
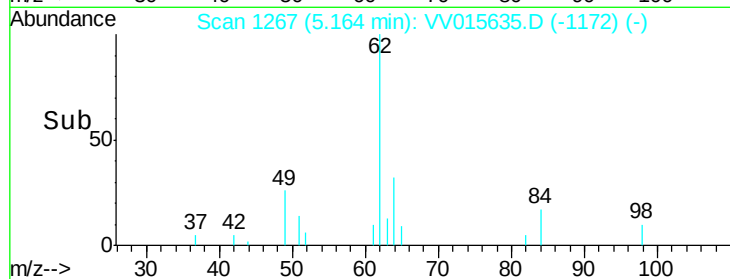
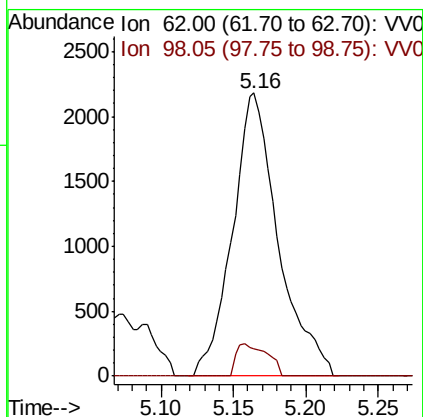
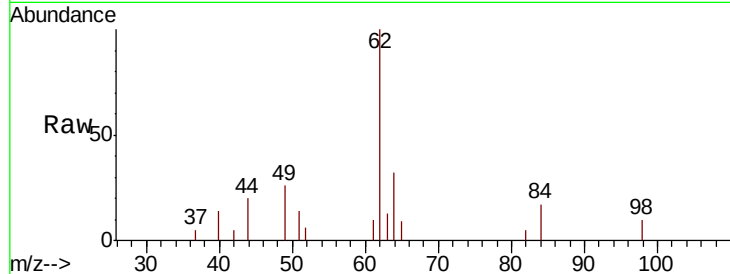




#27
 1,2-Dichloroethane
 Concen: 0.422 ug/L
 RT: 5.16 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VV015635.D
 Acq: 22 Apr 2020 20:46

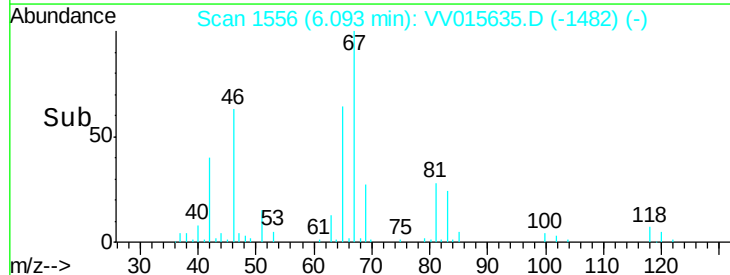
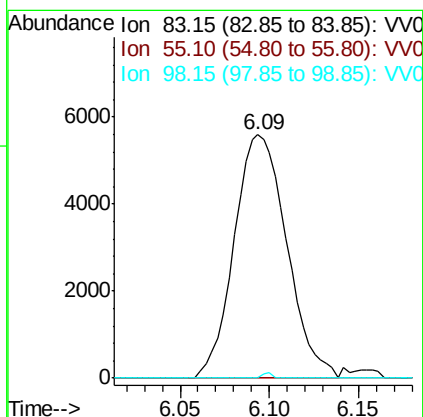
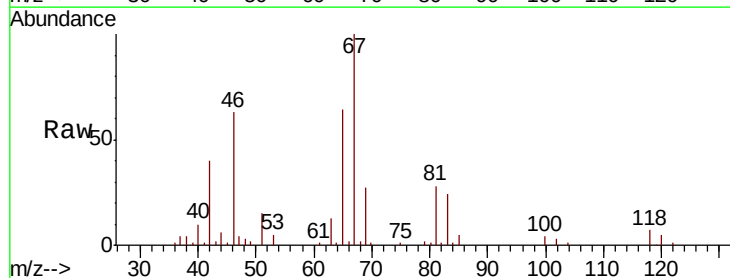
Instrument :
 MSVOA_V
 ClientSampleId :

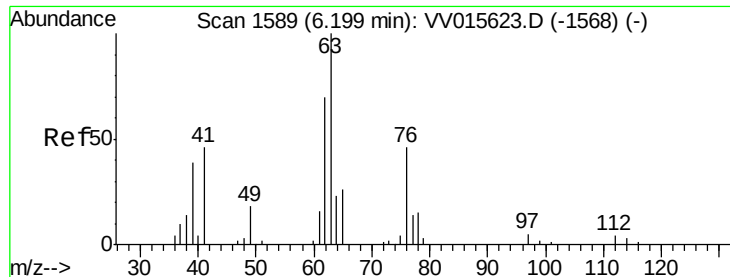
Tot Ion: 62 Resp: 4808
 Ion Ratio Lower Upper
 62 100
 98 9.8 6.3 9.5#



#35
 Methylcyclohexane
 Concen: 0.759 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015635.D
 Acq: 22 Apr 2020 20:46

Tgt Ion: 83 Resp: 11464
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.4 39.5 59.3#

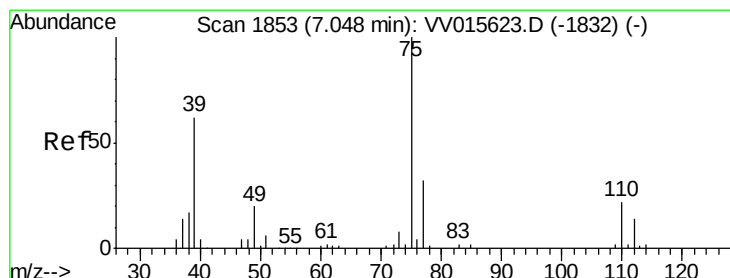
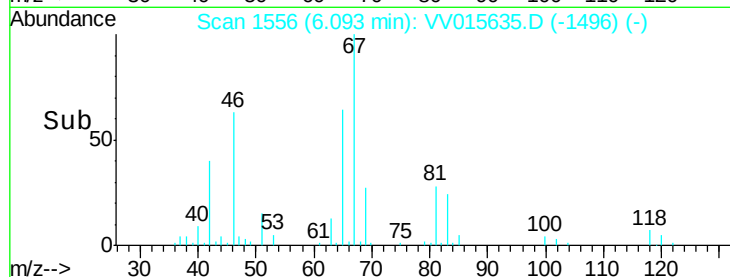
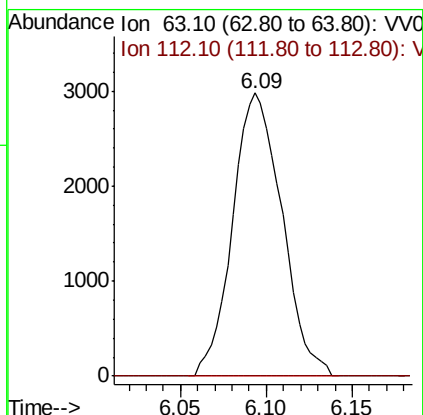
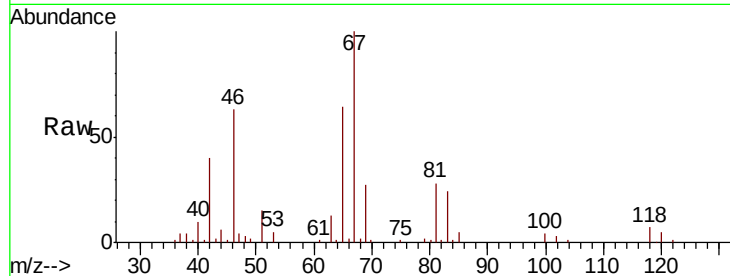




#37
 1,2-Dichloropropane
 Concen: 0.657 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV015635.D
 Acq: 22 Apr 2020 20:46

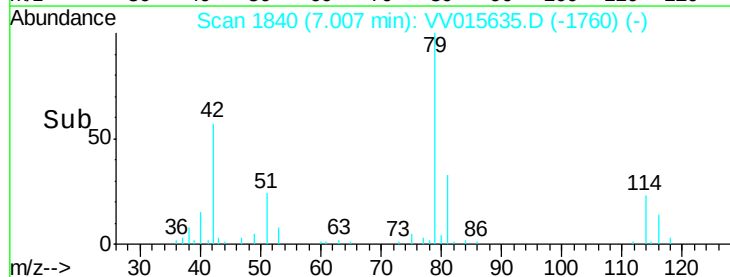
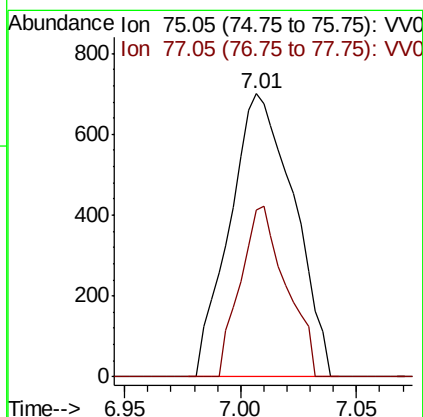
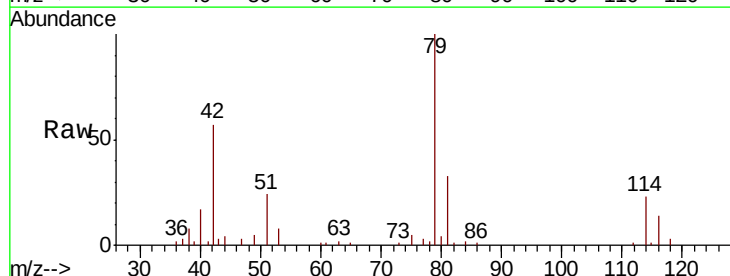
Instrument :
 MSVOA_V
 ClientSampleId :

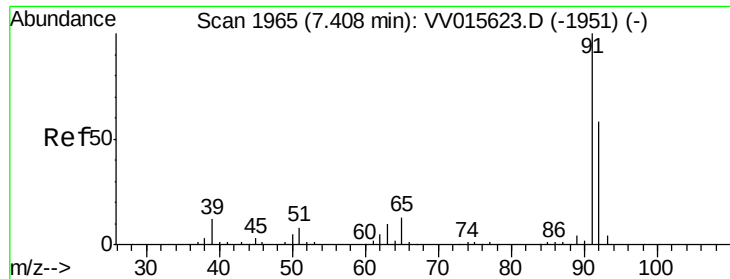
Tot Ion: 63 Resp: 5954
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015635.D
 Acq: 22 Apr 2020 20:46

Tgt Ion: 75 Resp: 1341
 Ion Ratio Lower Upper
 75 100
 77 58.9 22.3 41.5#





#42

Toluene

Concen: 0.063 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015635.D

Acq: 22 Apr 2020 20:46

Instrument :

MSVOA_V

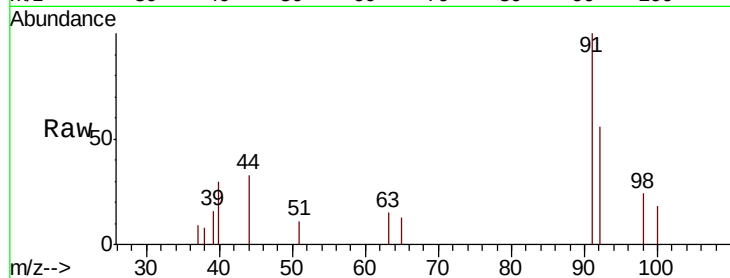
ClientSampled :

Tot Ion: 91 Resp: 2413

Ion Ratio Lower Upper

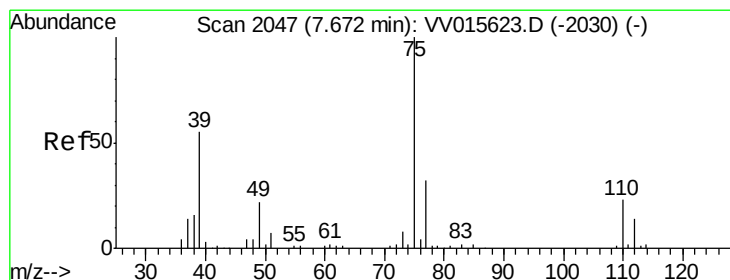
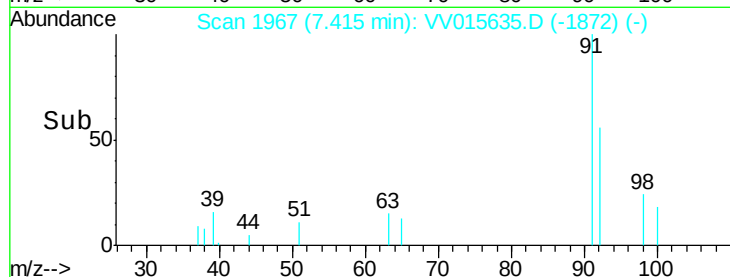
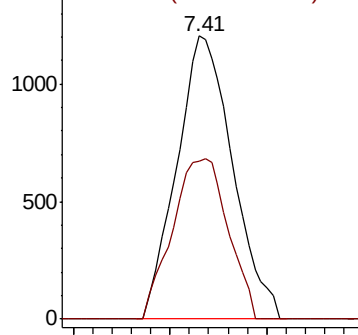
91 100

92 55.7 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015635.D

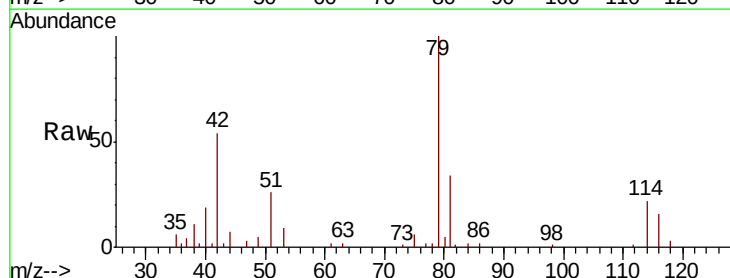
Acq: 22 Apr 2020 20:46

Tgt Ion: 75 Resp: 782

Ion Ratio Lower Upper

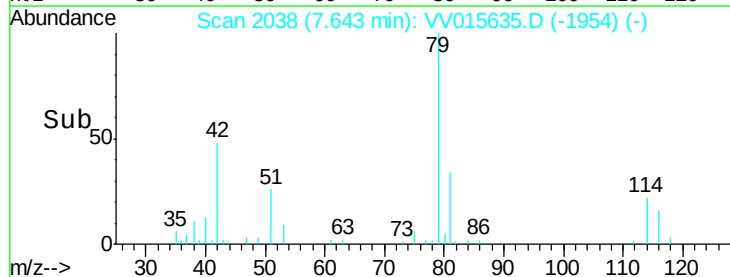
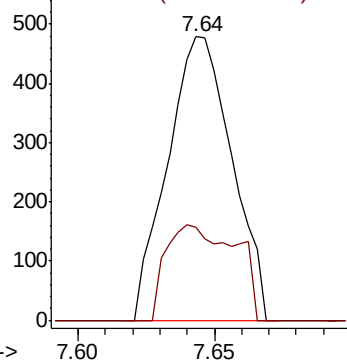
75 100

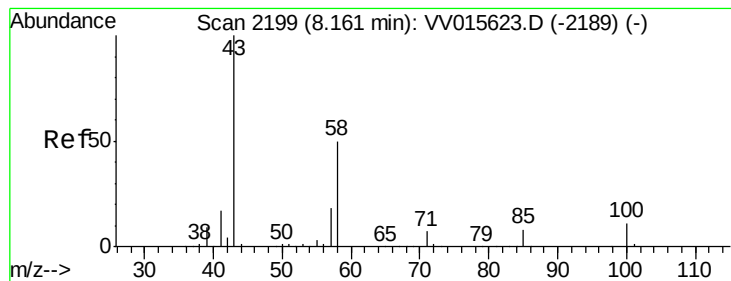
77 32.8 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0





#48

2-Hexanone

Concen: 0.668 ug/L

RT: 8.17 min Scan# 2201

Delta R.T. 0.01 min

Lab File: VV015635.D

Acq: 22 Apr 2020 20:46

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 43 Resp: 2802

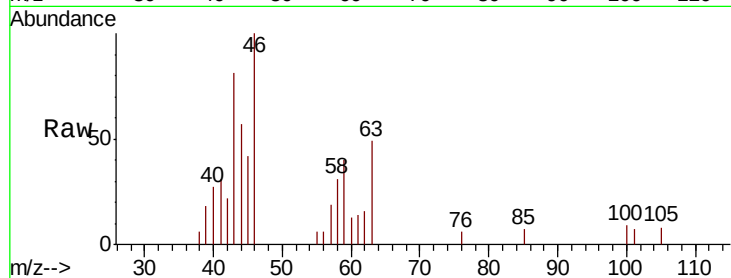
Ion Ratio Lower Upper

43 100

58 0.0 41.1 61.7#

57 15.3 15.0 22.4

100 7.0 9.0 13.4#

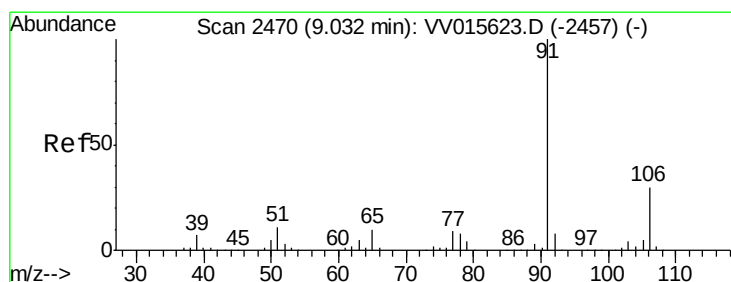
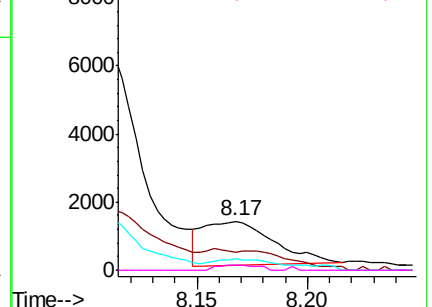
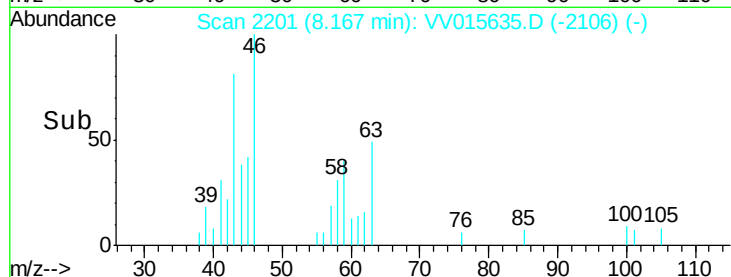


Abundance Ion 43.05 (42.75 to 43.75): VV015623.D (-2189) (-)

Ion 58.05 (57.75 to 58.75): VV015623.D (-2189) (-)

Ion 57.20 (56.90 to 57.90): VV015623.D (-2189) (-)

Ion 100.15 (99.85 to 100.85): VV015623.D (-2189) (-)



#52

Ethylbenzene

Concen: 0.143 ug/L

RT: 9.04 min Scan# 2472

Delta R.T. 0.01 min

Lab File: VV015635.D

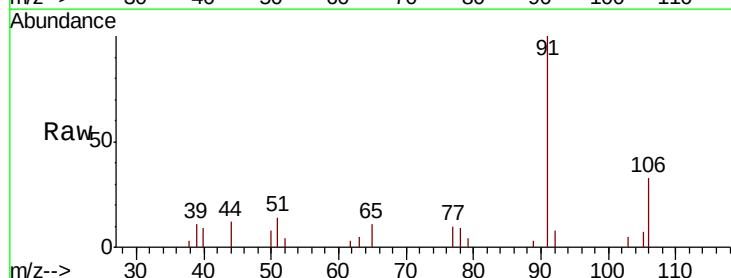
Acq: 22 Apr 2020 20:46

Tgt Ion: 91 Resp: 6299

Ion Ratio Lower Upper

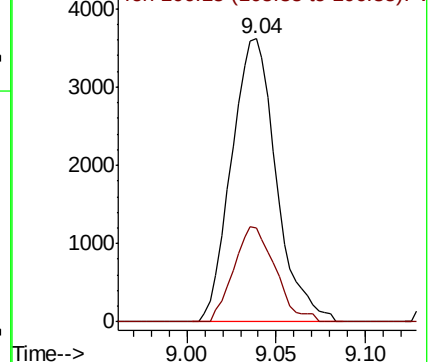
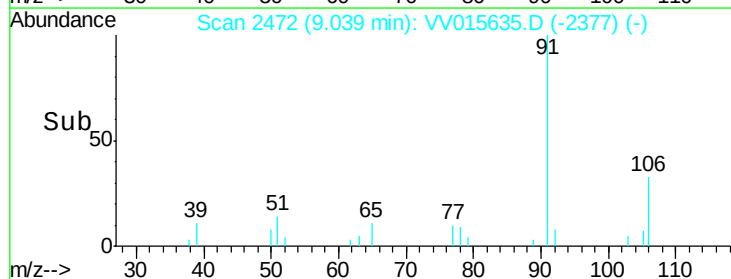
91 100

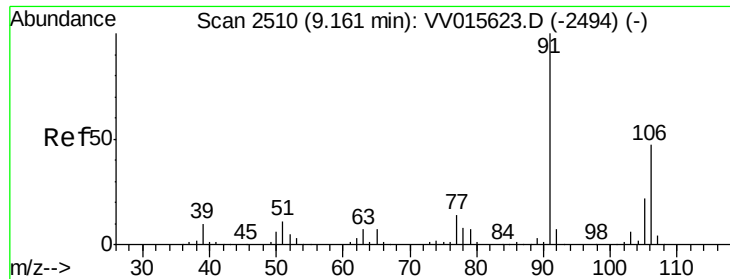
106 33.2 21.3 39.5



Abundance Ion 91.15 (90.85 to 91.85): VV015623.D (-2457) (-)

Ion 106.15 (105.85 to 106.85): VV015623.D (-2457) (-)

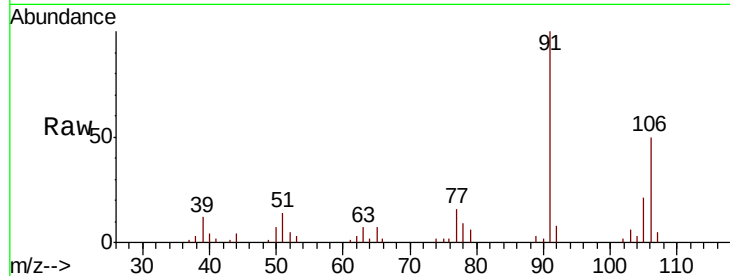




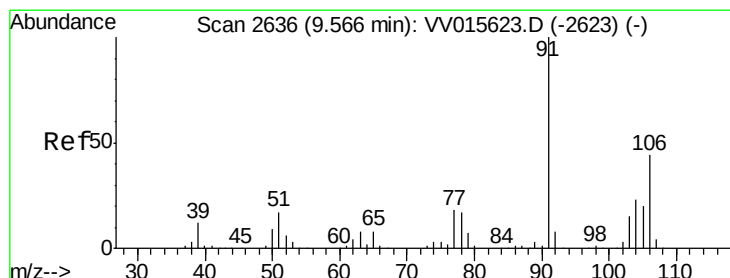
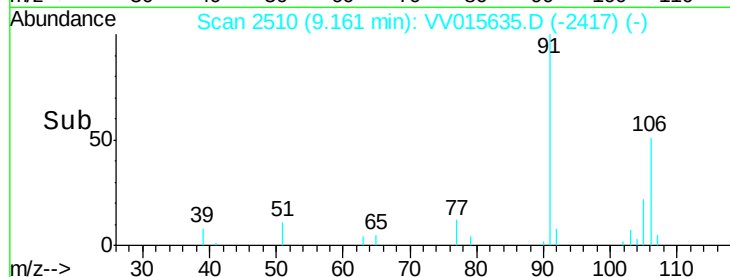
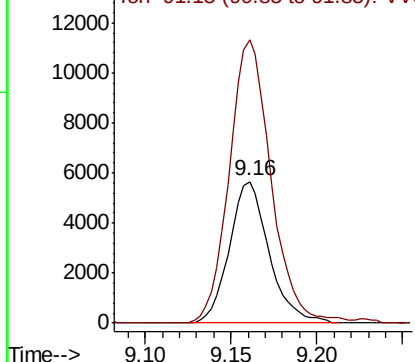
#53
m,p-xylene
Concen: 0.564 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV015635.D
Acq: 22 Apr 2020 20:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:106 Resp: 9101
Ion Ratio Lower Upper
106 100
91 199.9 147.8 274.4

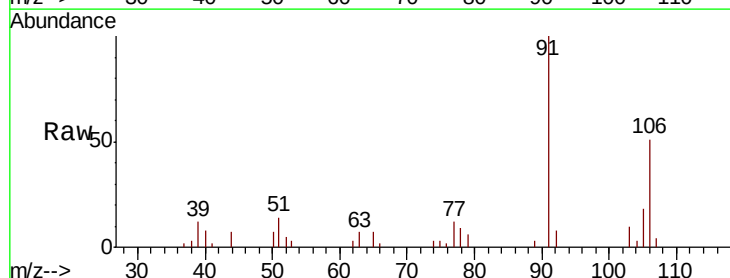


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#54
o-xylene
Concen: 0.263 ug/L
RT: 9.57 min Scan# 2637
Delta R.T. 0.00 min
Lab File: VV015635.D
Acq: 22 Apr 2020 20:46

Tgt Ion:106 Resp: 4106
Ion Ratio Lower Upper
106 100
91 196.4 159.8 296.8



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

