

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015629.D
 Acq On : 22 Apr 2020 18:25
 Operator : SY/MD
 Sample : L2361-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:09:57 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	131044	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	122532	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	62445	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33168	4.84	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	1.57	69	32361	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.12	63	53063	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.95	46	113682	51.70	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.40%
24) Chloroform-d	4.38	84	78228	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.06	65	45942	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.07	84	150882	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.09	67	47852	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.34	98	138433	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.65	79	16320	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.11	63	88533	50.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.48%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33802	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	53325	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

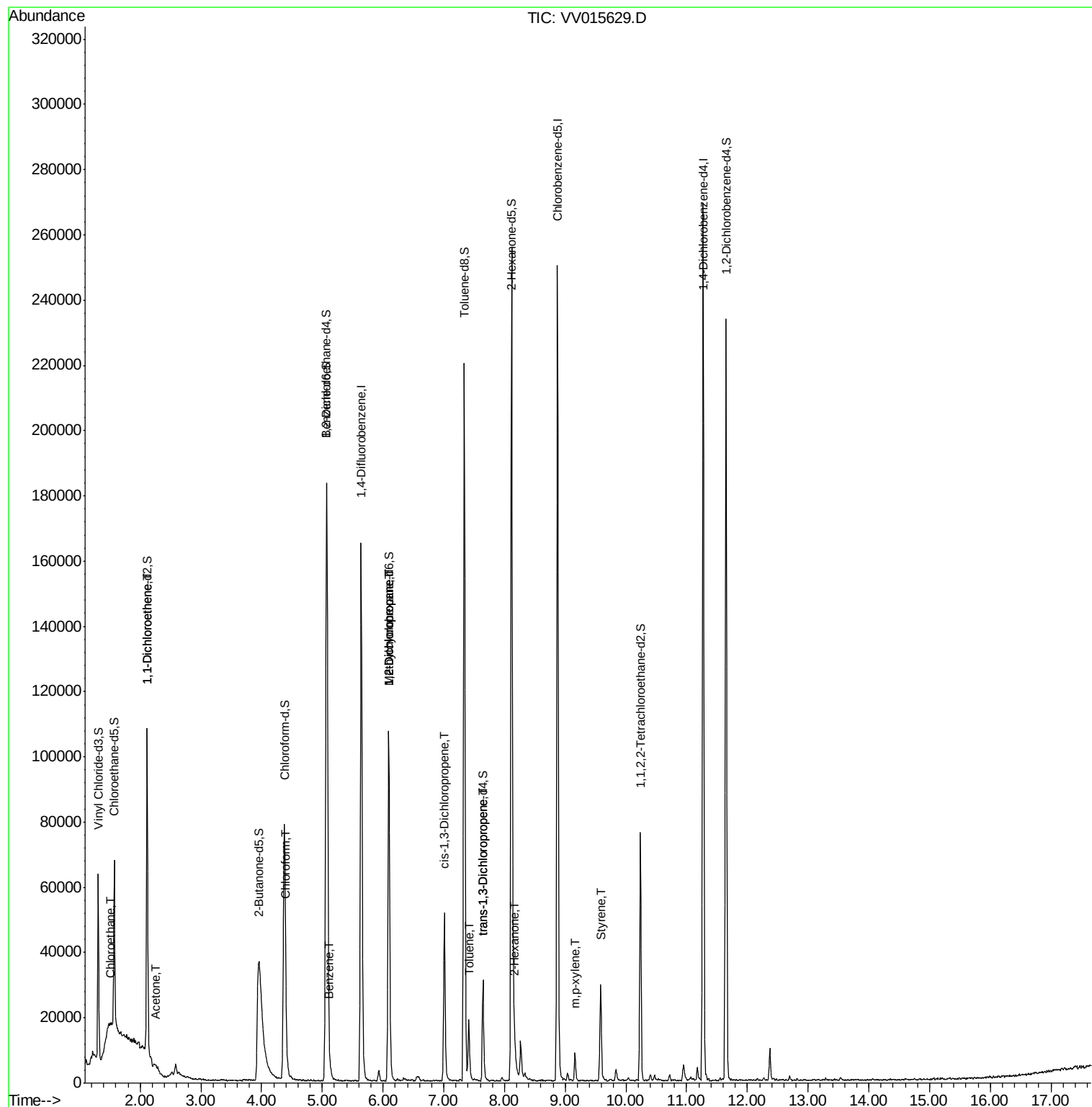
					Ovalue
8) Chloroethane	1.51	64	32129	4.717 ug/L #	54
12) 1,1-Dichloroethene	2.12	96	565	0.074 ug/L #	1
13) Acetone	2.25	43	8654	5.668 ug/L	86
25) Chloroform	4.41	83	3409	0.191 ug/L	98
33) Benzene	5.13	78	2399	0.069 ug/L	100
35) Methylcyclohexane	6.10	83	11611	0.783 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	6016	0.676 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1522	0.123 ug/L #	78
42) Toluene	7.41	91	12448	0.333 ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	965	0.093 ug/L	96
48) 2-Hexanone	8.17	43	5447	1.323 ug/L #	89
53) m,p-xylene	9.16	106	2205	0.139 ug/L	96
55) Styrene	9.59	104	13819	0.531 ug/L	99

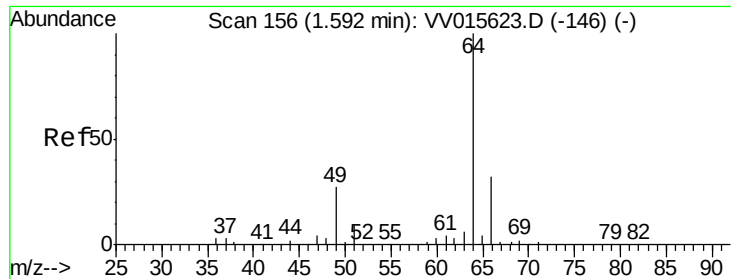
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 4.717 ug/L

RT: 1.51 min Scan# 129

Delta R.T. -0.09 min

Lab File: VV015629.D

Acq: 22 Apr 2020 18:25

Instrument :

MSVOA_V

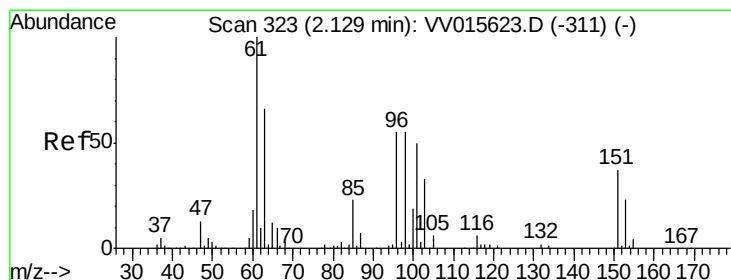
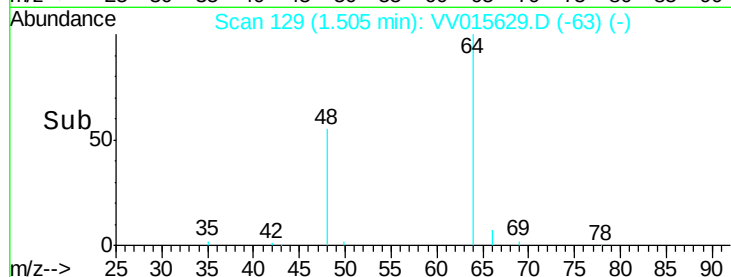
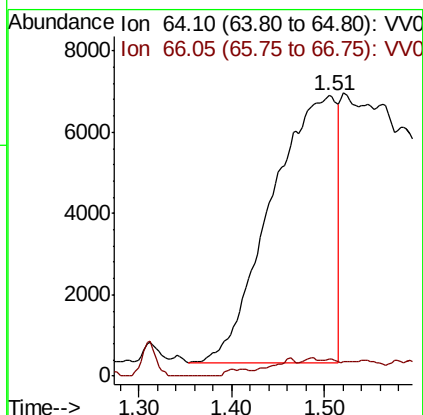
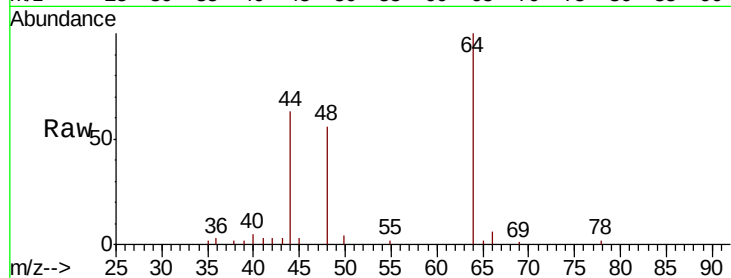
ClientSampleId :

Tot Ion: 64 Resp: 32129

Ion Ratio Lower Upper

64 100

66 6.2 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 0.074 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015629.D

Acq: 22 Apr 2020 18:25

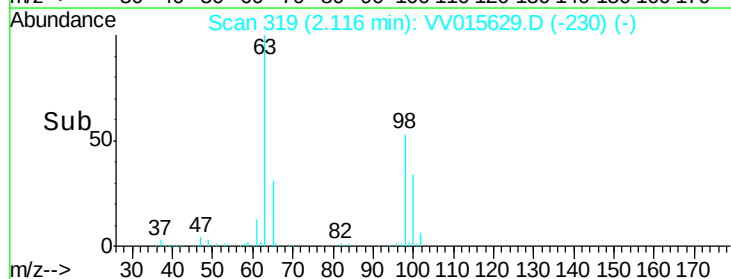
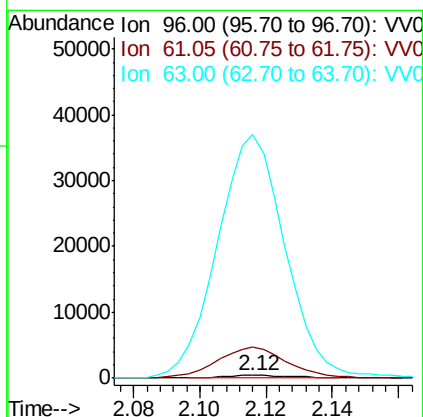
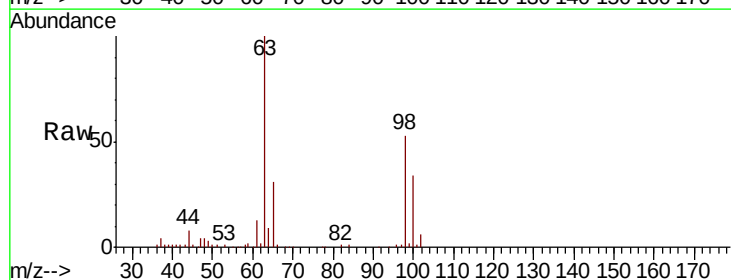
Tgt Ion: 96 Resp: 565

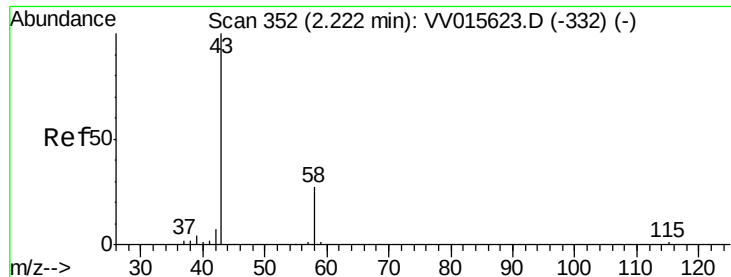
Ion Ratio Lower Upper

96 100

61 1184.2 130.1 241.7#

63 9271.2 91.4 169.8#





#13

Acetone

Concen: 5.668 ug/L

RT: 2.25 min Scan# 361

Delta R.T. 0.03 min

Lab File: VV015629.D

Acq: 22 Apr 2020 18:25

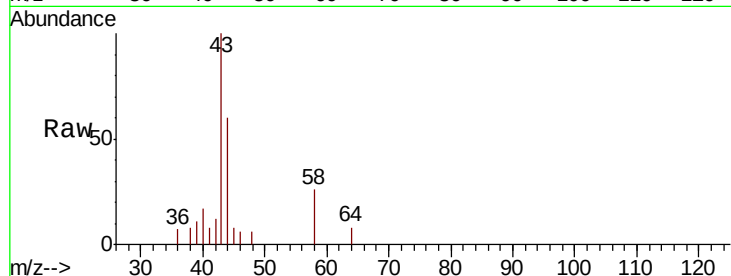
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8654

Ion Ratio Lower Upper

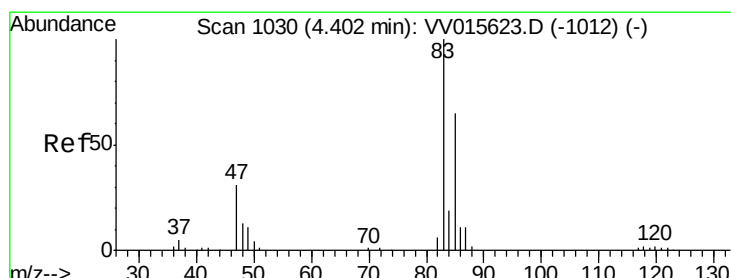
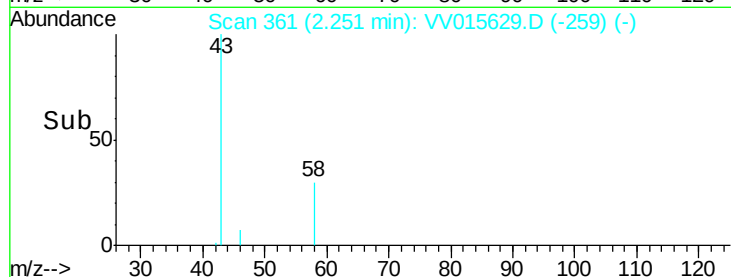
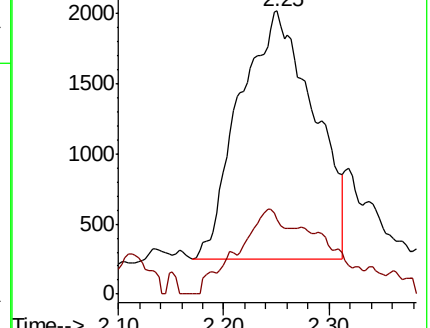
43 100

58 21.3 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015623.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015623.D (-332) (-)



#25

Chloroform

Concen: 0.191 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015629.D

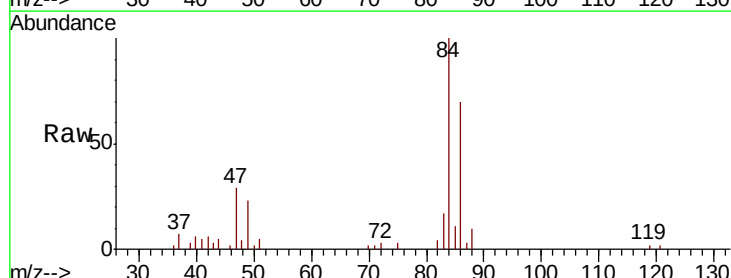
Acq: 22 Apr 2020 18:25

Tgt Ion: 83 Resp: 3409

Ion Ratio Lower Upper

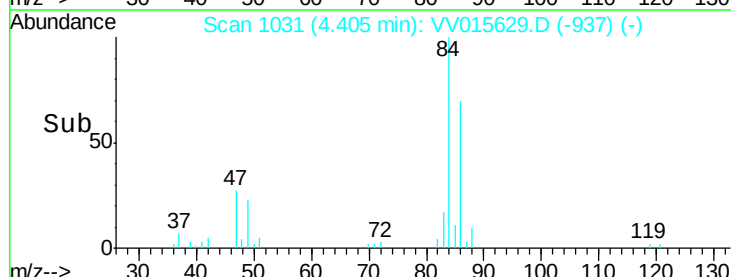
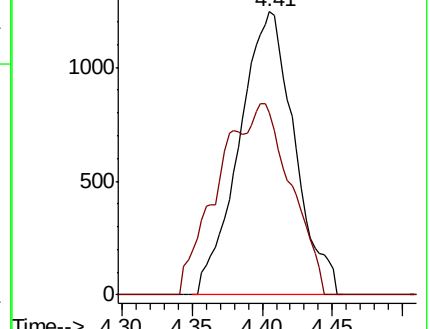
83 100

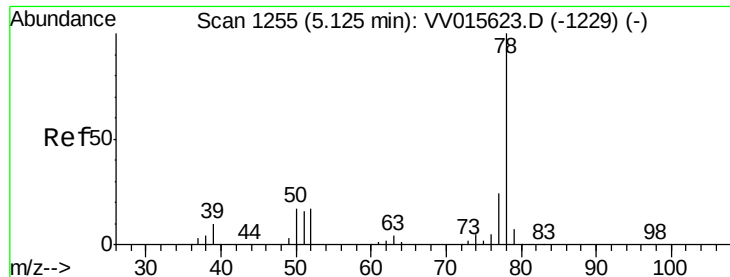
85 64.3 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015623.D (-1012) (-)

Ion 85.00 (84.70 to 85.70): VV015623.D (-1012) (-)

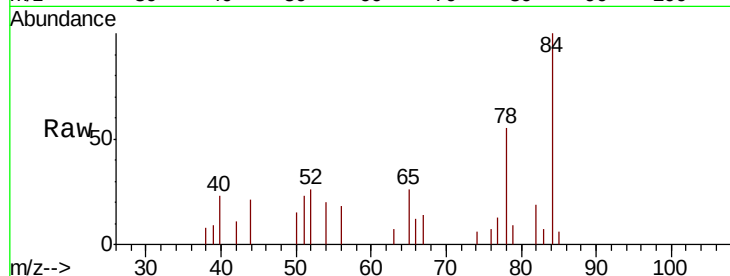




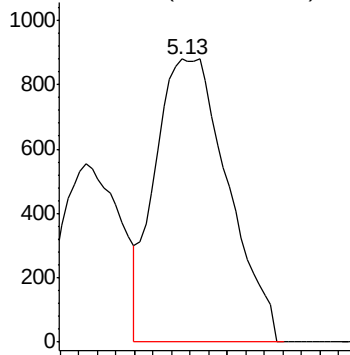
#33
Benzene
Concen: 0.069 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. 0.00 min
Lab File: VV015629.D
Acq: 22 Apr 2020 18:25

Instrument :
MSVOA_V
ClientSampleId :

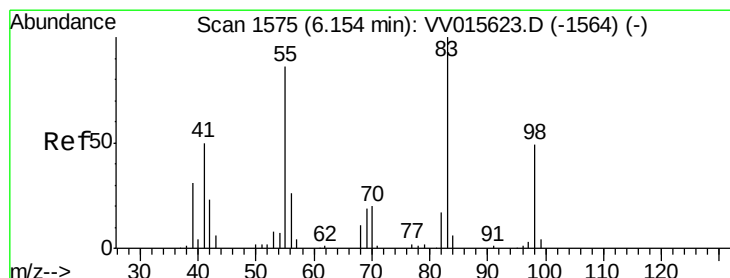
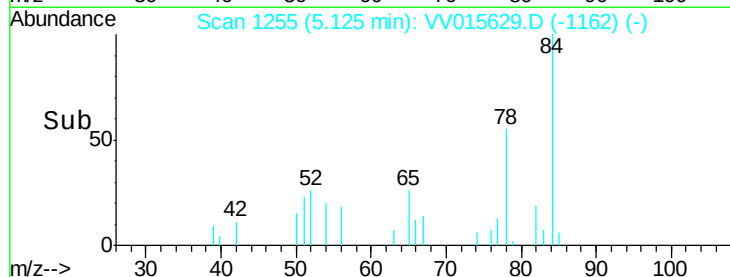
Tgt Ion: 78 Resp: 2399



Abundance Ion 78.10 (77.80 to 78.80): VV0

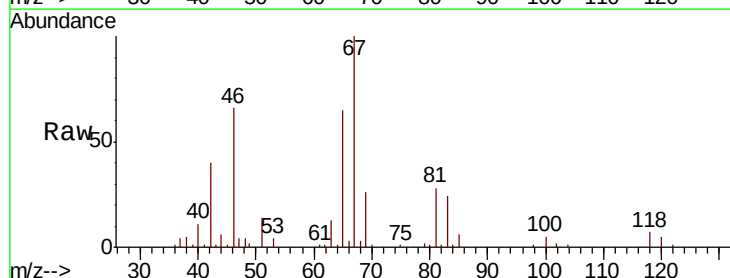


Time-->



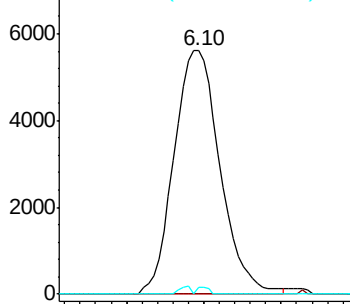
#35
Methylcyclohexane
Concen: 0.783 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015629.D
Acq: 22 Apr 2020 18:25

Tgt Ion: 83 Resp: 11611
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 0.7 39.5 59.3#

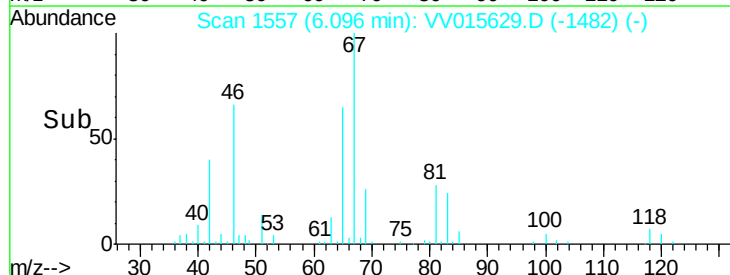


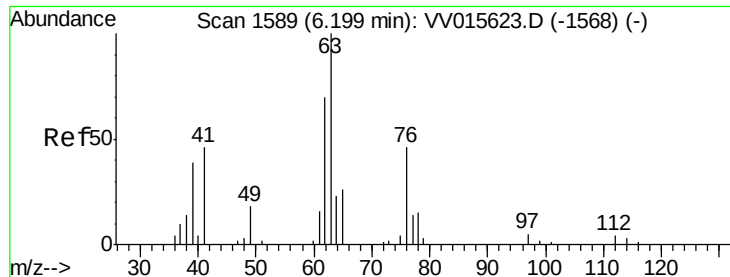
Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



Time-->

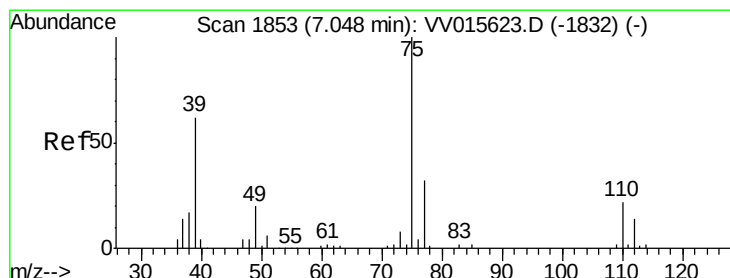
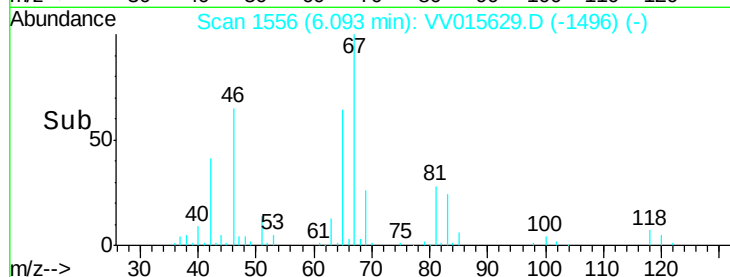
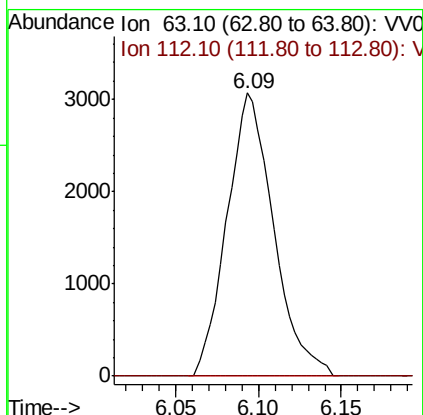
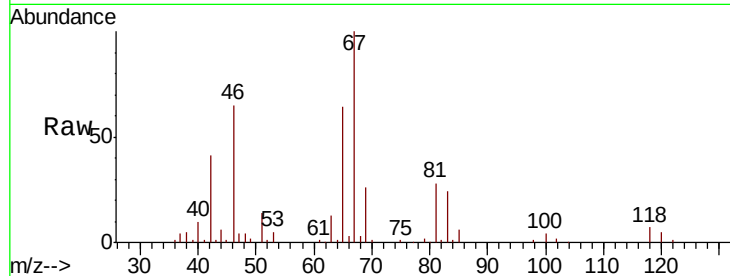




#37
 1,2-Dichloropropane
 Concen: 0.676 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV015629.D
 Acq: 22 Apr 2020 18:25

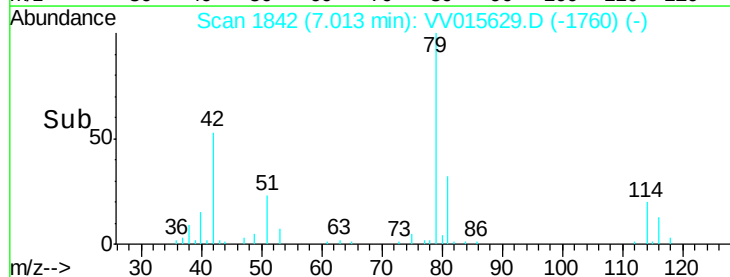
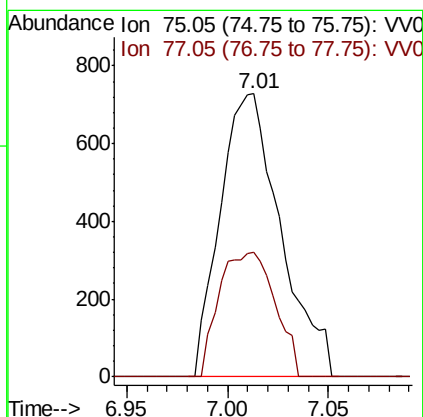
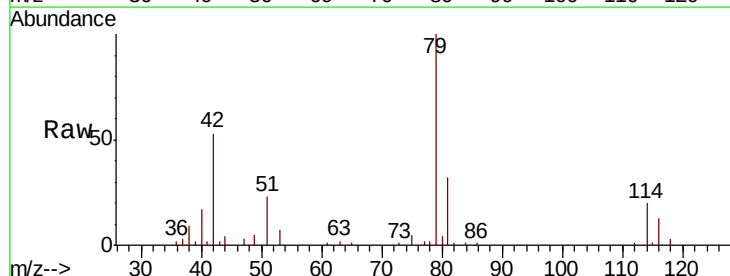
Instrument :
 MSVOA_V
 ClientSampleId :

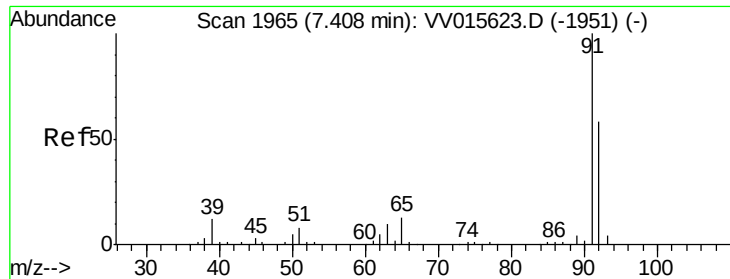
Tot Ion: 63 Resp: 6016
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.123 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015629.D
 Acq: 22 Apr 2020 18:25

Tgt Ion: 75 Resp: 1522
 Ion Ratio Lower Upper
 75 100
 77 44.2 22.3 41.5#





#42

Toluene

Concen: 0.333 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.00 min

Lab File: VV015629.D

Acq: 22 Apr 2020 18:25

Instrument :

MSVOA_V

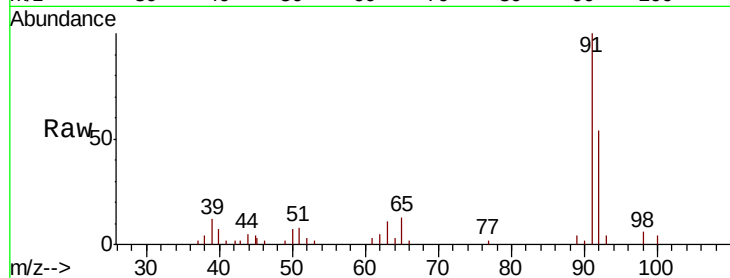
ClientSampleId :

Tot Ion: 91 Resp: 12448

Ion Ratio Lower Upper

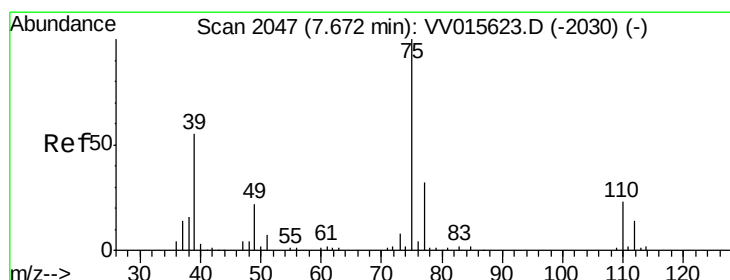
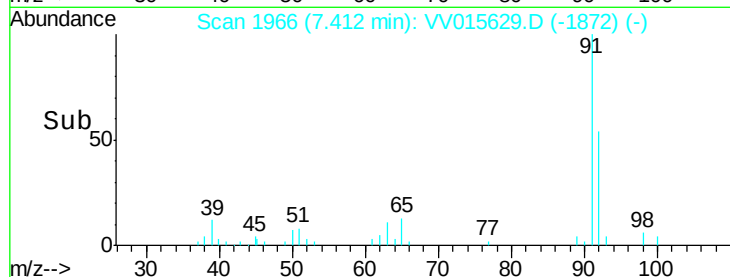
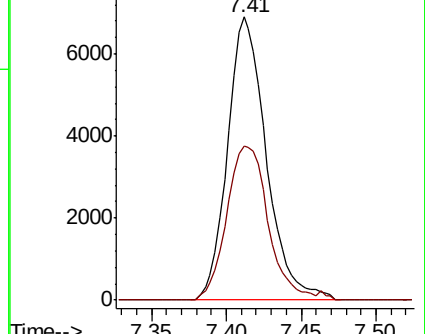
91 100

92 54.4 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: 0.093 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015629.D

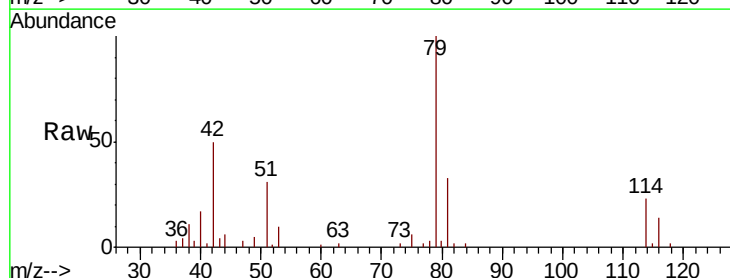
Acq: 22 Apr 2020 18:25

Tgt Ion: 75 Resp: 965

Ion Ratio Lower Upper

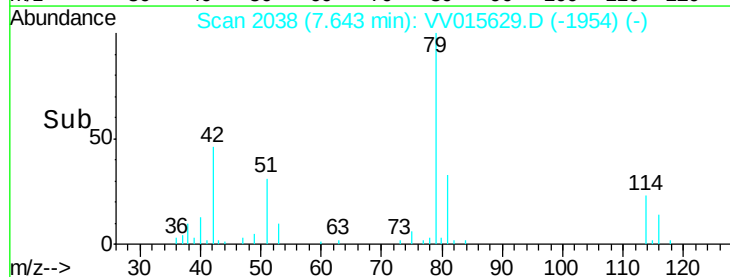
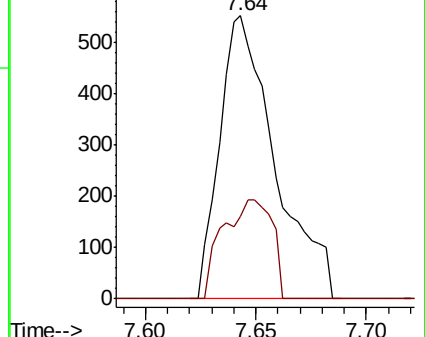
75 100

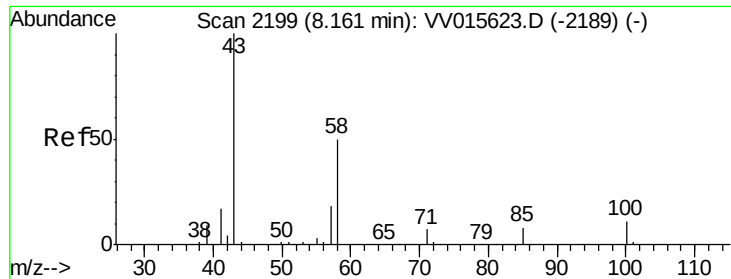
77 29.2 21.8 40.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

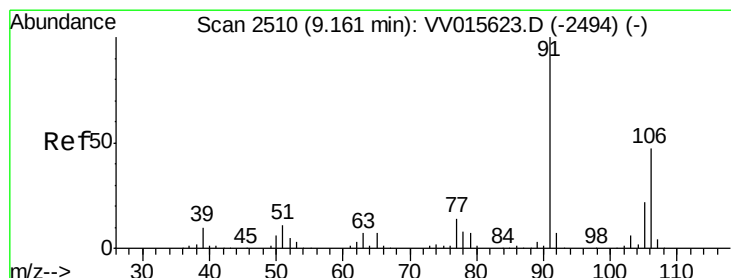
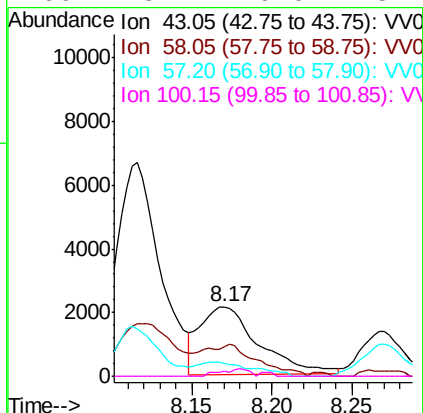
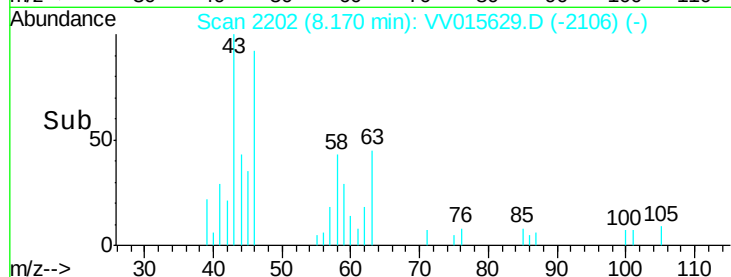
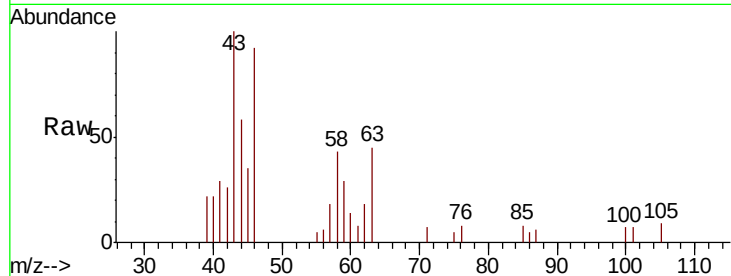




#48
2-Hexanone
Concen: 1.323 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015629.D
Acq: 22 Apr 2020 18:25

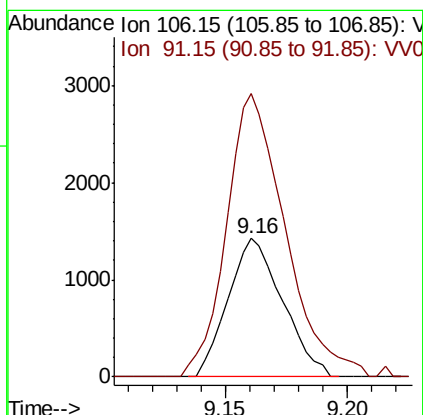
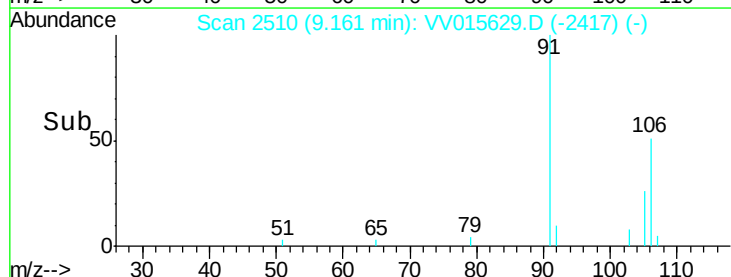
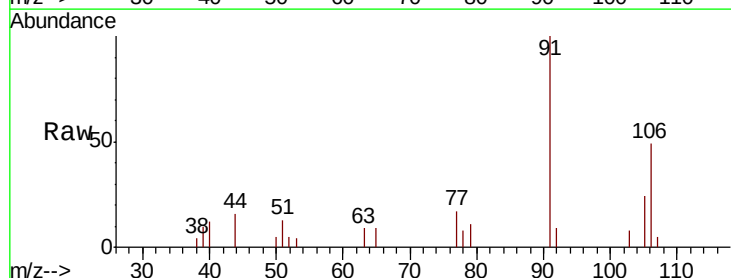
Instrument :
MSVOA_V
ClientSampled :

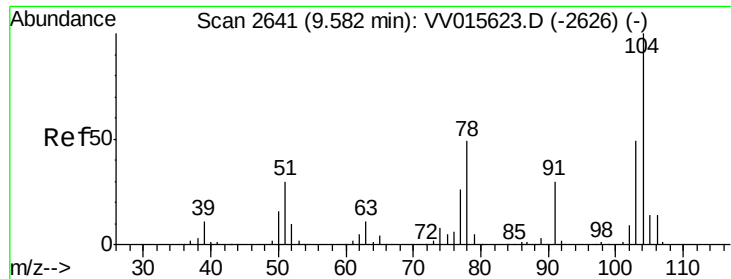
Tot Ion: 43 Resp: 5447
Ion Ratio Lower Upper
43 100
58 42.6 41.1 61.7
57 19.9 15.0 22.4
100 5.1 9.0 13.4#



#53
m,p-xylene
Concen: 0.139 ug/L
RT: 9.16 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VV015629.D
Acq: 22 Apr 2020 18:25

Tgt Ion: 106 Resp: 2205
Ion Ratio Lower Upper
106 100
91 204.9 147.8 274.4





#55

Stvrene

Concen: 0.531 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV015629.D

Acq: 22 Apr 2020 18:25

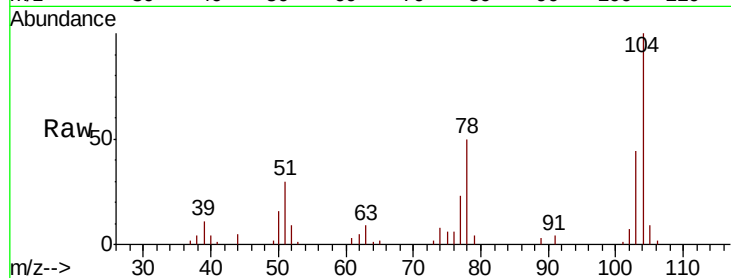
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:104 Resp: 13819

Ion Ratio Lower Upper

104 100

78 49.7 34.5 64.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0

