

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015772.D
 Acq On : 29 Apr 2020 01:50
 Operator : SY/MD
 Sample : L2419-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 03:50:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	114887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111394	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52617	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	37302	6.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.20%
7) Chloroethane-d5	1.58	69	33594	5.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.20%
11) 1,1-Dichloroethene-d2	2.12	63	54019	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	3.91	46	84045	43.60	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.20%
24) Chloroform-d	4.38	84	59269	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.06	65	39133	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.08	84	133938	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.10	67	41577	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.34	98	120314	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
43) trans-1,3-Dichloropropene-	7.64	79	12787	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	8.11	63	58044	36.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.46%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26463	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	42602	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

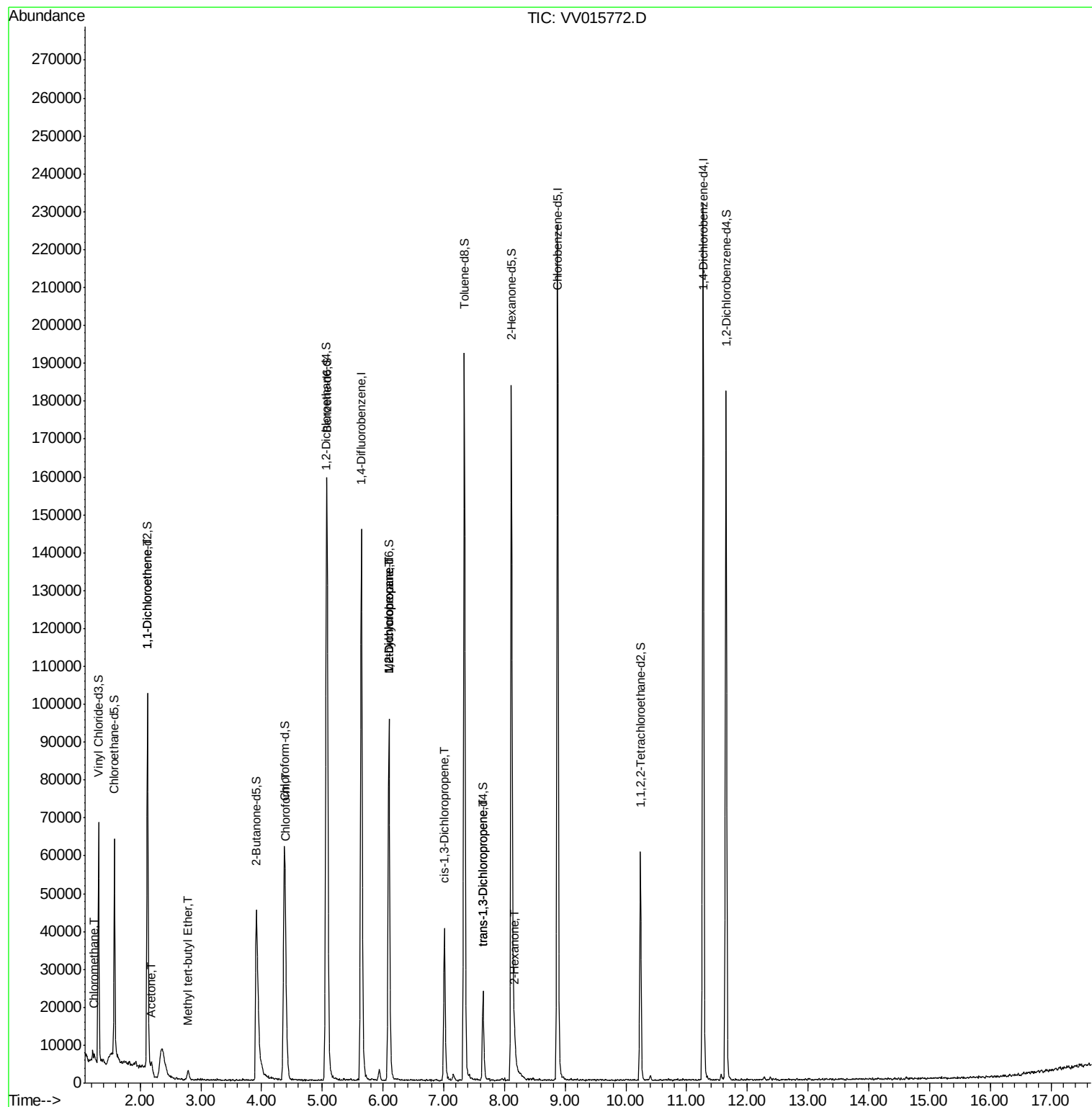
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	819	0.096	ug/L #	80
12) 1,1-Dichloroethene	2.12	96	577	0.086	ug/L #	1
13) Acetone	2.19	43	3890	2.906	ug/L	98
17) Methyl tert-butyl Ether	2.79	73	1912	0.102	ug/L #	79
25) Chloroform	4.40	83	11284	0.723	ug/L	92
35) Methylcyclohexane	6.10	83	9948	0.737	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	5274	0.652	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1062	0.094	ug/L #	67
44) trans-1,3-Dichloropropene	7.65	75	689	0.073	ug/L	96
48) 2-Hexanone	8.18	43	5429	1.450	ug/L #	89

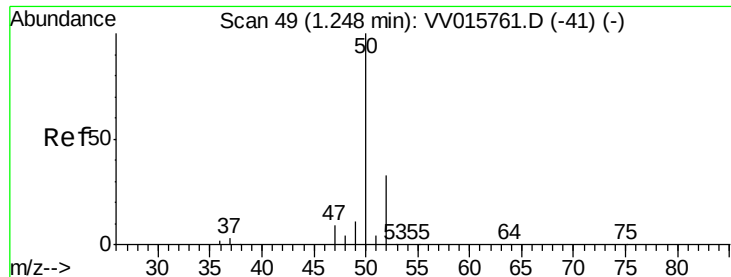
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 29 03:36:29 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.096 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV015772.D

Acq: 29 Apr 2020 01:50

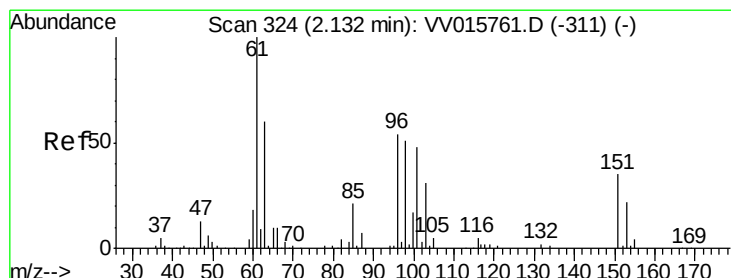
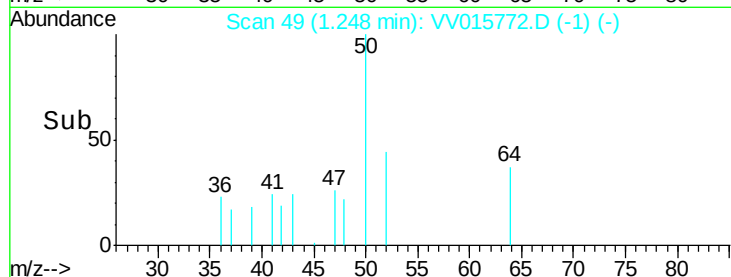
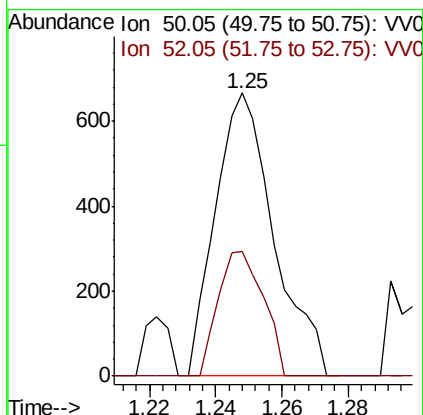
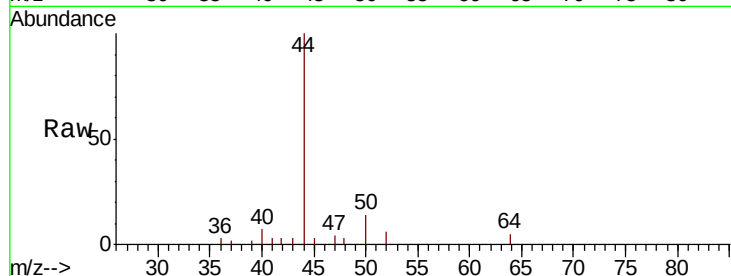
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 819

Ion Ratio Lower Upper

50 100

52 44.0 22.9 42.5#



#12

1,1-Dichloroethene

Concen: 0.086 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV015772.D

Acq: 29 Apr 2020 01:50

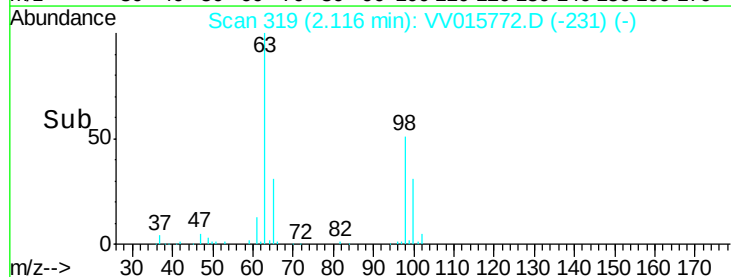
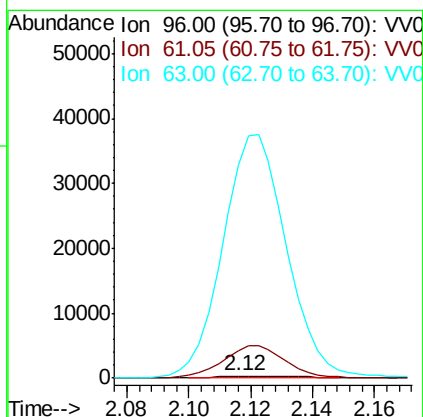
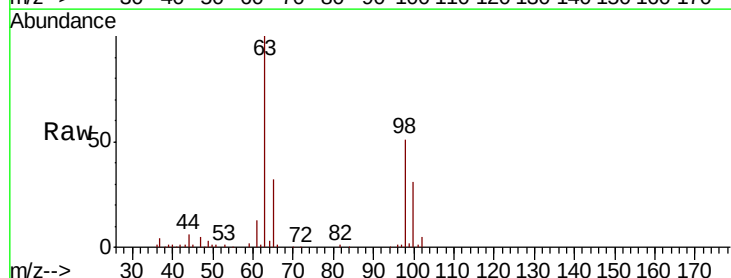
Tgt Ion: 96 Resp: 577

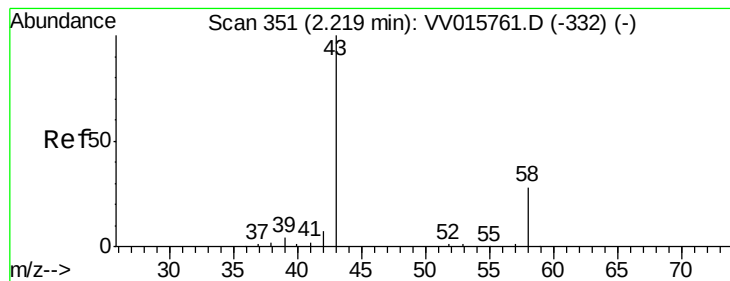
Ion Ratio Lower Upper

96 100

61 1227.1 130.1 241.7#

63 9466.3 91.4 169.8#





#13

Acetone

Concen: 2.906 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.03 min

Lab File: VV015772.D

Acq: 29 Apr 2020 01:50

Instrument :

MSVOA_V

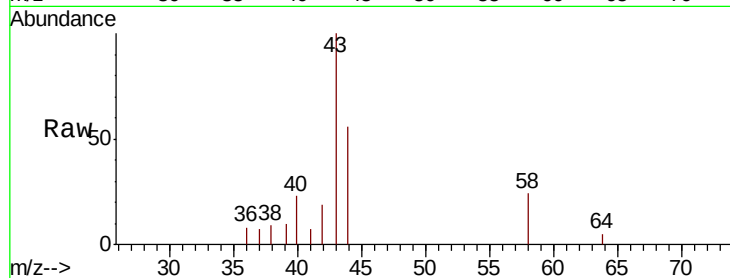
ClientSampleId :

Tot Ion: 43 Resp: 3890

Ion Ratio Lower Upper

43 100

58 29.8 0.0 57.6



Abundance Ion 43.05 (42.75 to 43.75): VV015772.D (-258) (-)

Ion 58.05 (57.75 to 58.75): VV015772.D (-258) (-)

2.19

2000

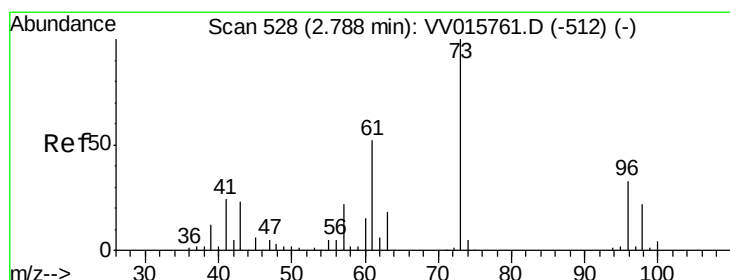
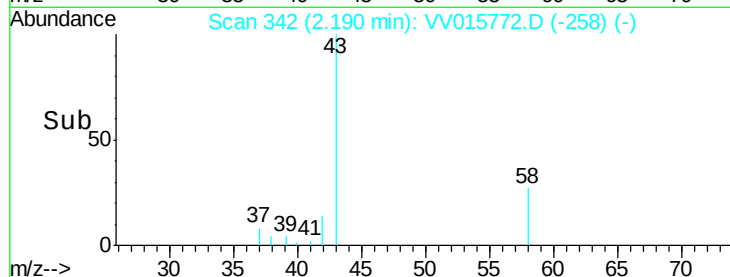
1500

1000

500

0

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.102 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV015772.D

Acq: 29 Apr 2020 01:50

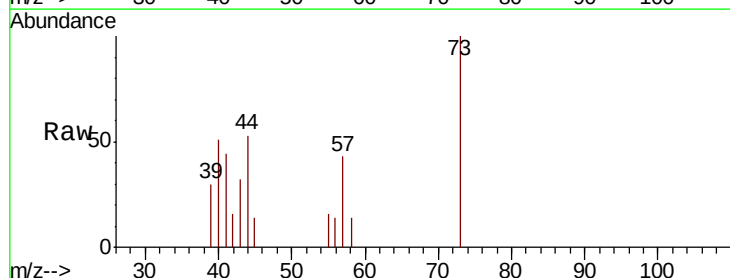
Tgt Ion: 73 Resp: 1912

Ion Ratio Lower Upper

73 100

43 10.9 20.1 30.1#

57 28.9 17.8 26.8#



Abundance Ion 73.10 (72.80 to 73.80): VV015772.D (-435) (-)

Ion 43.05 (42.75 to 43.75): VV015772.D (-435) (-)

Ion 57.10 (56.80 to 57.80): VV015772.D (-435) (-)

2.79

1000

800

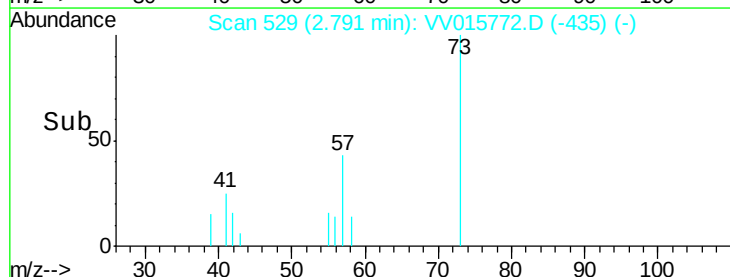
600

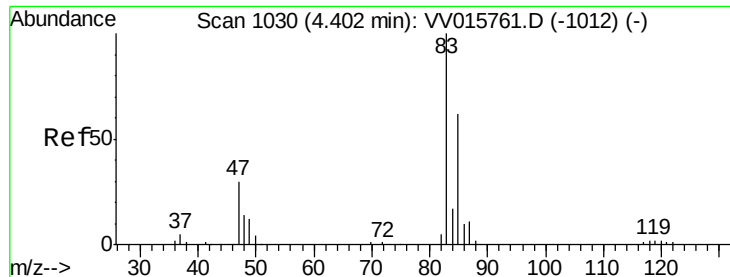
400

200

0

Time-->

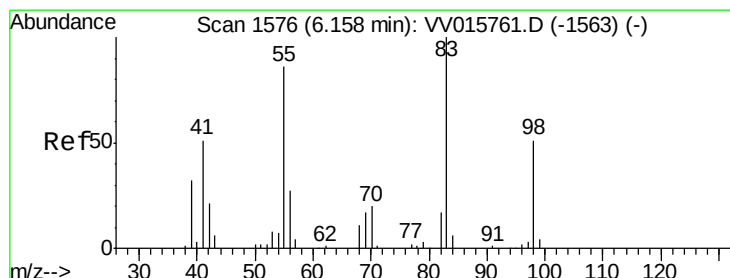
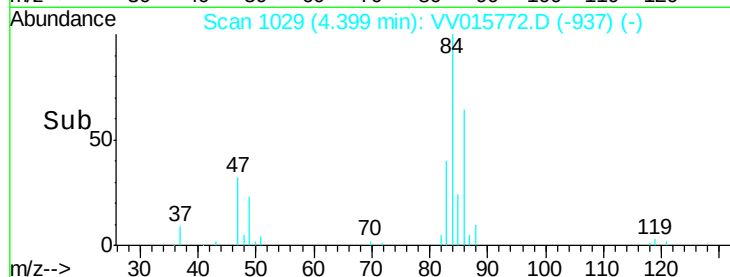
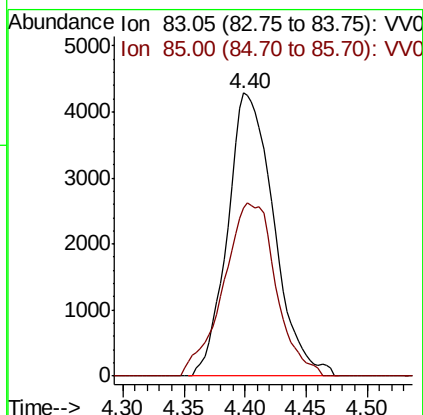
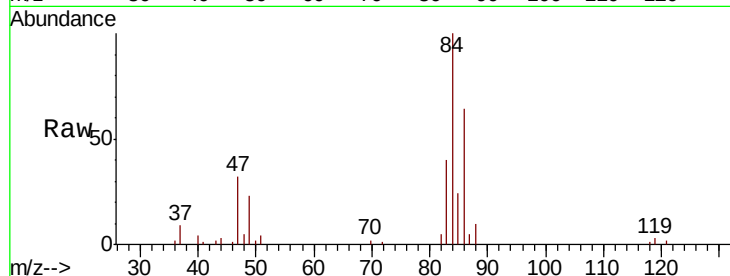




#25
Chloroform
Concen: 0.723 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015772.D
Acq: 29 Apr 2020 01:50

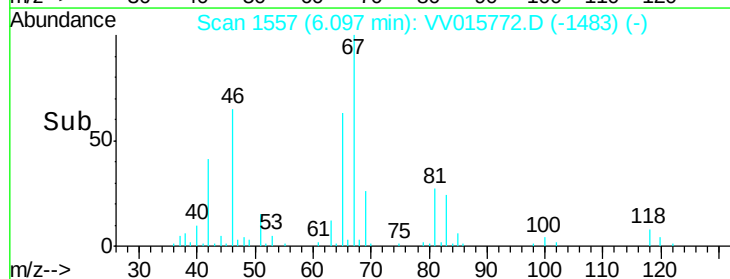
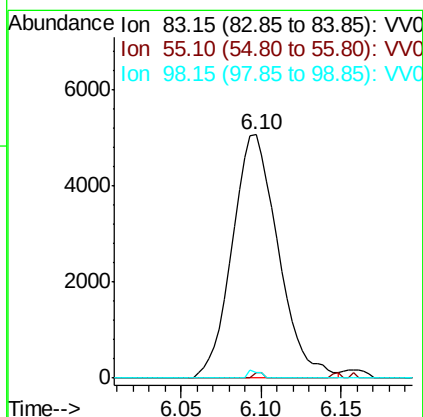
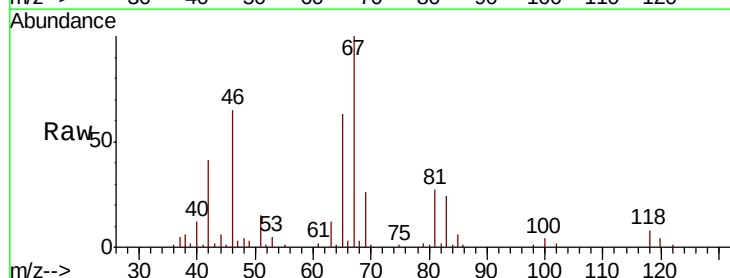
Instrument :
MSVOA_V
ClientSampled :

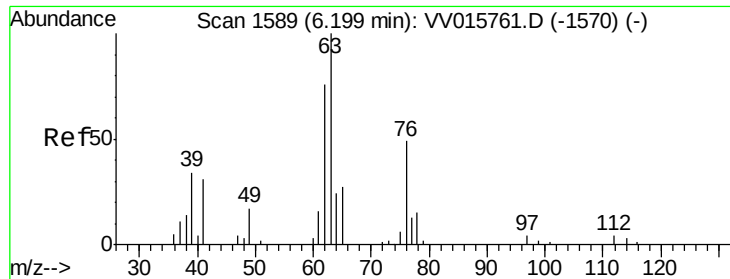
Tot Ion: 83 Resp: 11284
Ion Ratio Lower Upper
83 100
85 59.6 46.1 85.5



#35
Methylcyclohexane
Concen: 0.737 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015772.D
Acq: 29 Apr 2020 01:50

Tgt Ion: 83 Resp: 9948
Ion Ratio Lower Upper
83 100
55 0.4 66.6 99.8#
98 0.8 39.5 59.3#

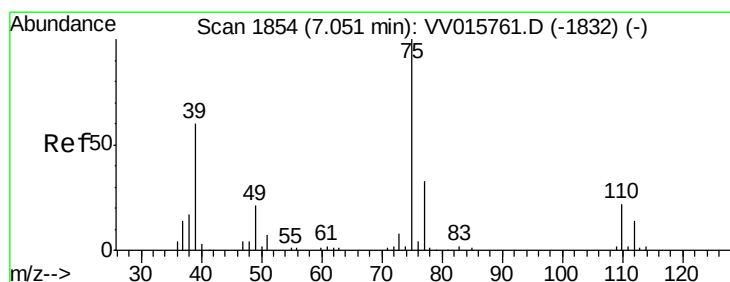
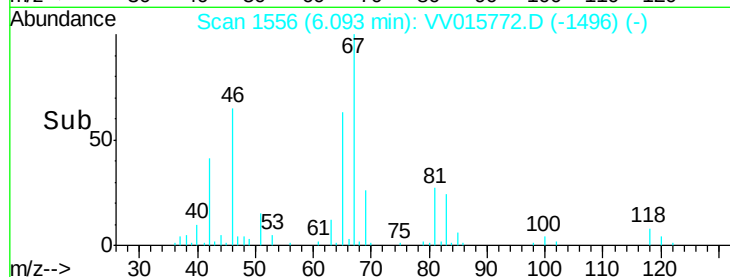
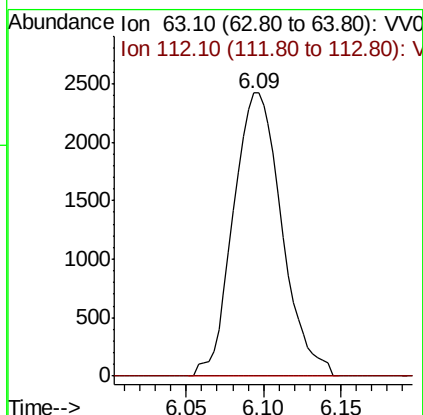
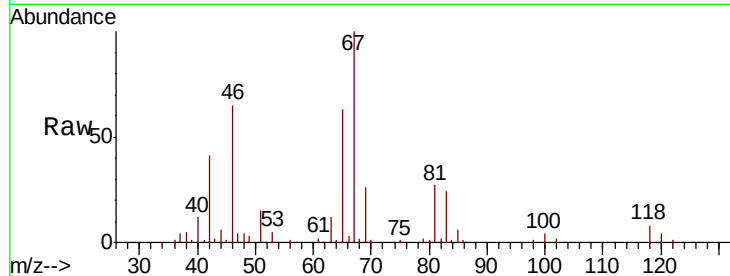




#37
 1,2-Dichloropropane
 Concen: 0.652 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV015772.D
 Acq: 29 Apr 2020 01:50

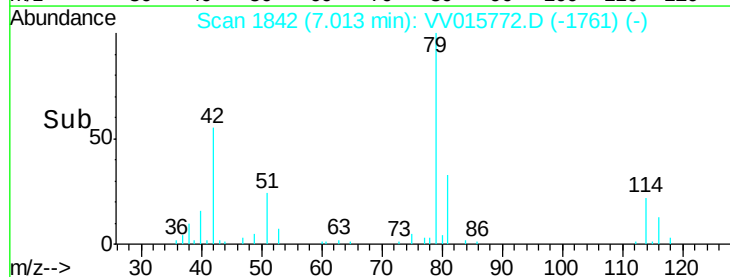
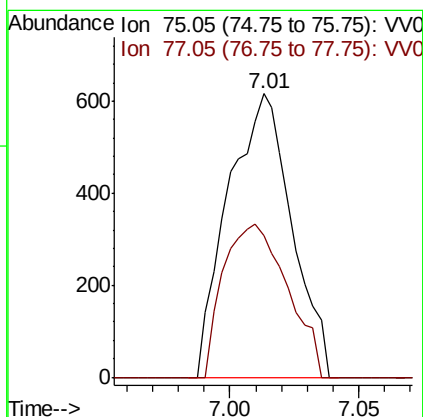
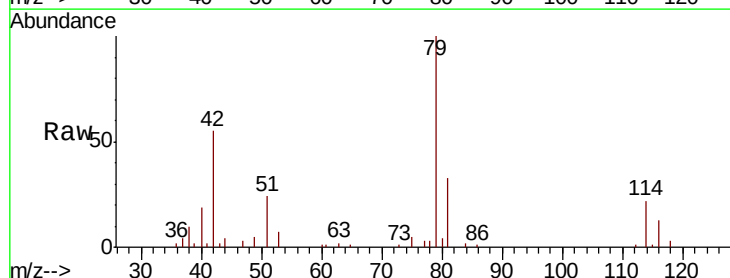
Instrument :
 MSVOA_V
 ClientSampled :

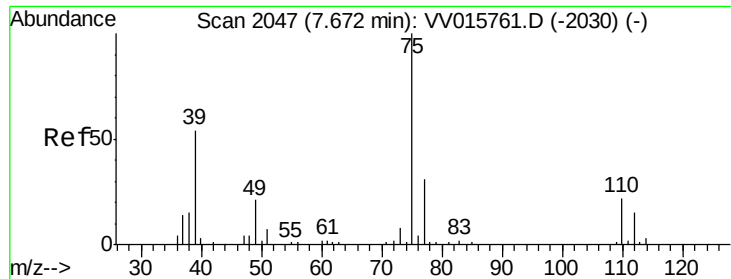
Tot Ion: 63 Resp: 5274
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.094 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV015772.D
 Acq: 29 Apr 2020 01:50

Tgt Ion: 75 Resp: 1062
 Ion Ratio Lower Upper
 75 100
 77 50.2 22.3 41.5#

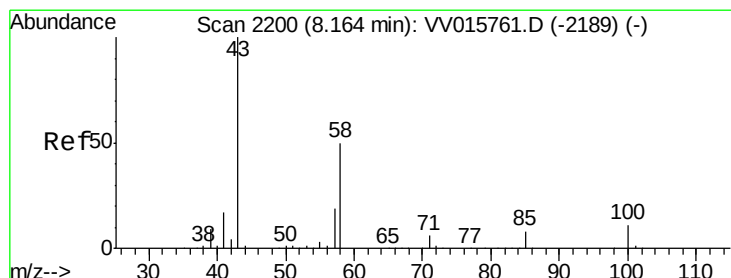
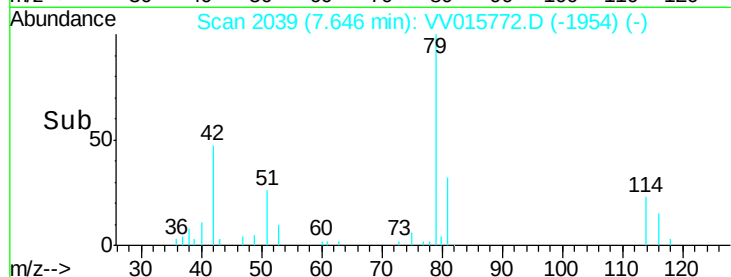
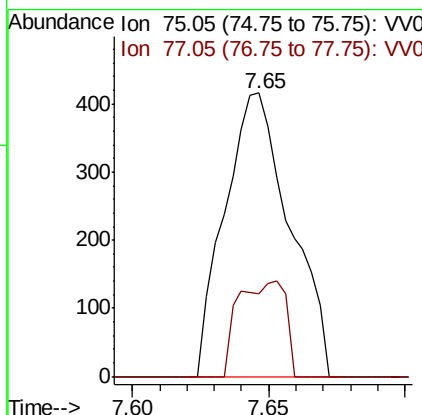
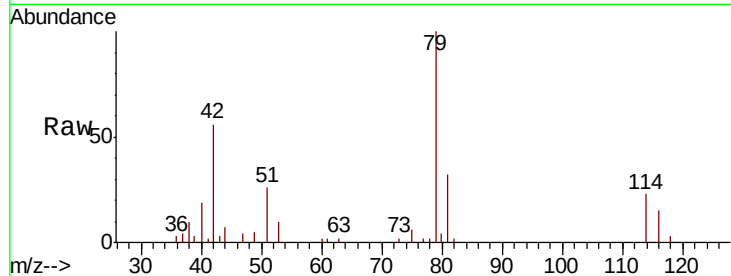




#44
trans-1,3-Dichloropropene
Concen: 0.073 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015772.D
Acq: 29 Apr 2020 01:50

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 689
Ion Ratio Lower Upper
75 100
77 29.1 21.8 40.6



#48
2-Hexanone
Concen: 1.450 ug/L
RT: 8.18 min Scan# 2204
Delta R.T. 0.01 min
Lab File: VV015772.D
Acq: 29 Apr 2020 01:50

Tgt Ion: 43 Resp: 5429
Ion Ratio Lower Upper
43 100
58 44.4 41.1 61.7
57 21.1 15.0 22.4
100 3.1 9.0 13.4#

