

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015479.D
 Acq On : 14 Apr 2020 22:40
 Operator : SY/MD
 Sample : L2273-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ97

Quant Time: Apr 15 05:33:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 05:31:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	108755	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	103159	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	51339	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32302	5.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	114.40%
7) Chloroethane-d5	1.58	69	27980	5.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.80%
11) 1,1-Dichloroethene-d2	2.12	63	44560	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	3.94	46	79504	50.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.36%
24) Chloroform-d	4.38	84	57182	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.06	65	34207	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.08	84	122115	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.10	67	37735	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.34	98	112771	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.65	79	14859	4.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.80%
46) 2-Hexanone-d5	8.11	63	65638	43.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26155	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	41857	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

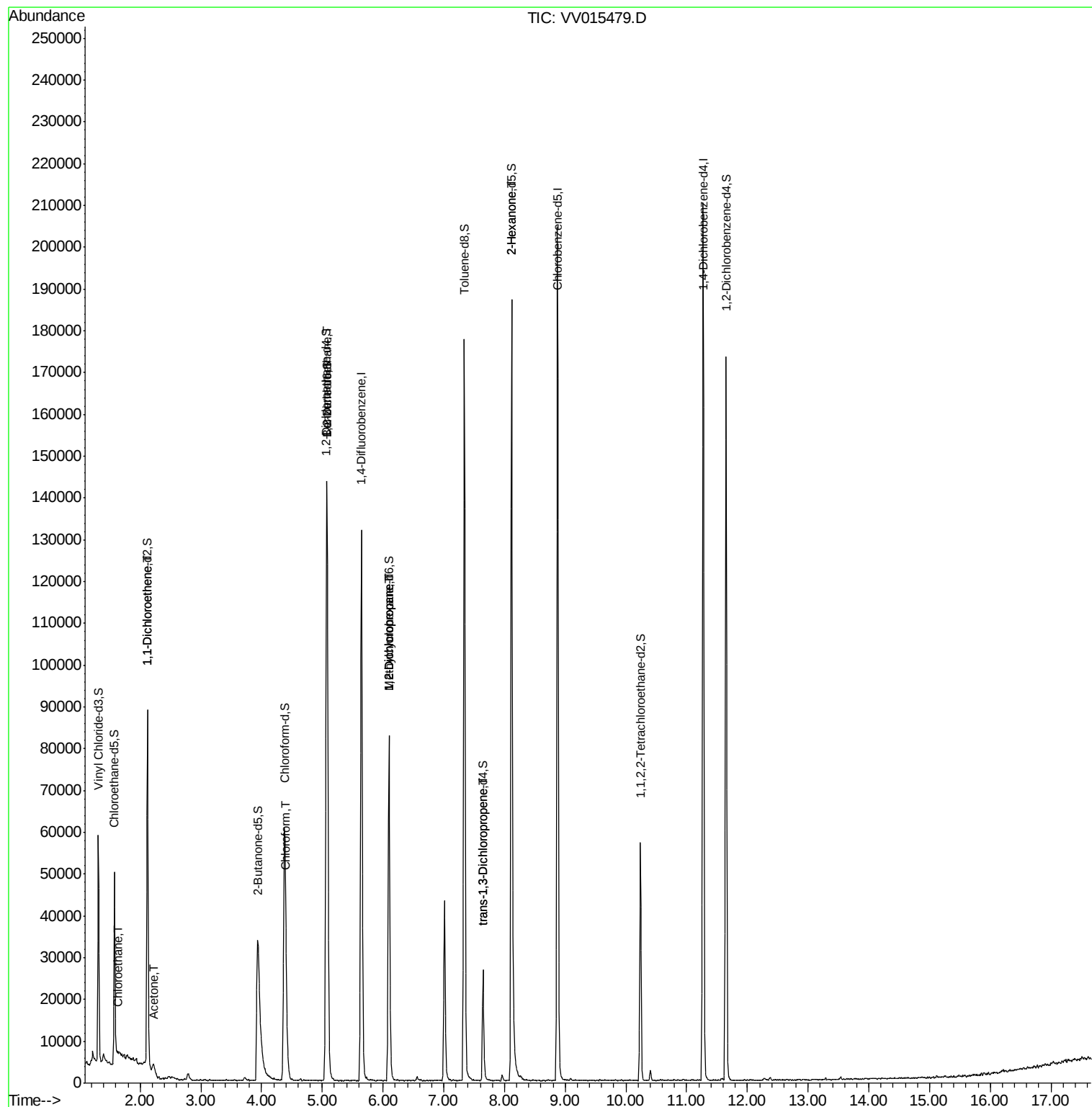
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.63	64	4307	0.752	ug/L #	55
12) 1,1-Dichloroethene	2.13	96	529	0.077	ug/L #	1
13) Acetone	2.22	43	6339	5.663	ug/L #	41
25) Chloroform	4.41	83	12520	0.844	ug/L	98
27) 1,2-Dichloroethane	5.07	62	773	0.081	ug/L #	77
35) Methylcyclohexane	6.10	83	9292	0.664	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4420	0.577	ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	604	0.061	ug/L #	48
48) 2-Hexanone	8.11	43	9271	2.639	ug/L #	76

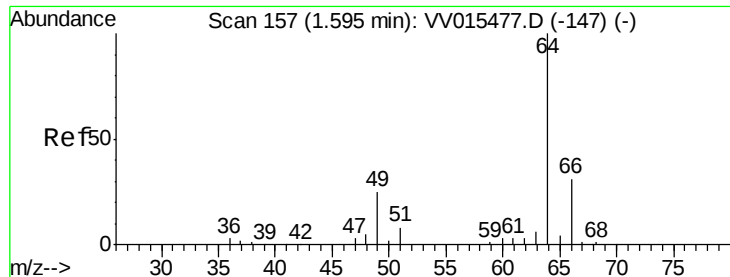
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV041420\
Data File : VV015479.D
Acq On : 14 Apr 2020 22:40
Operator : SY/MD
Sample : L2273-19
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAQ97

Quant Time: Apr 15 05:33:29 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 05:31:01 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.752 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.03 min

Lab File: VV015479.D

Acq: 14 Apr 2020 22:40

Instrument :

MSVOA_V

ClientSampleId :

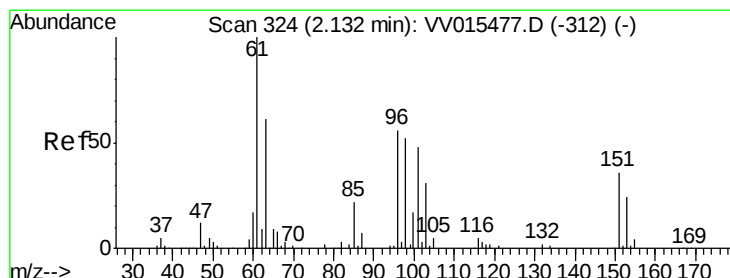
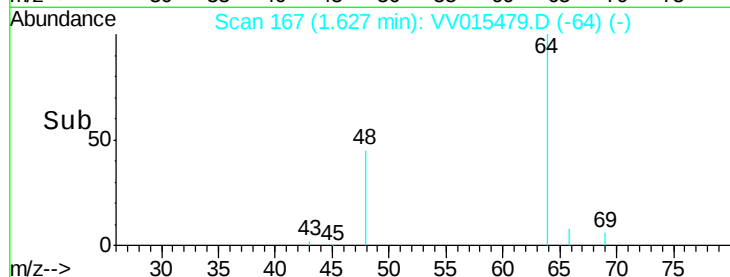
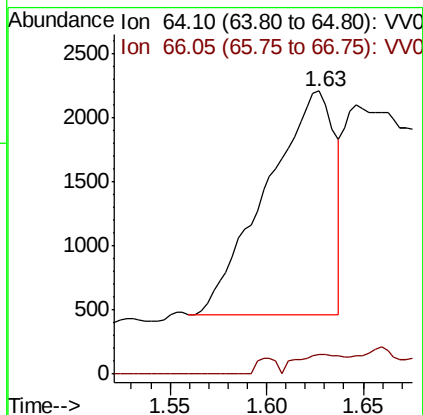
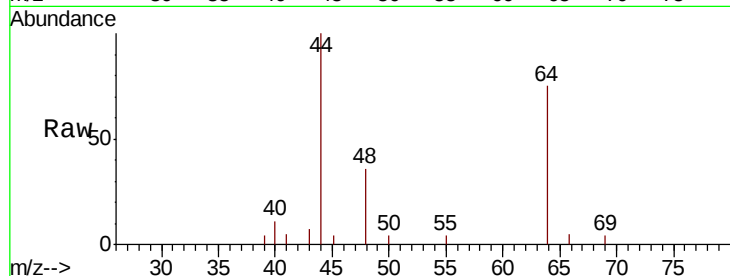
YAQ97

Tot Ion: 64 Resp: 4307

Ion Ratio Lower Upper

64 100

66 7.1 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 0.077 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015479.D

Acq: 14 Apr 2020 22:40

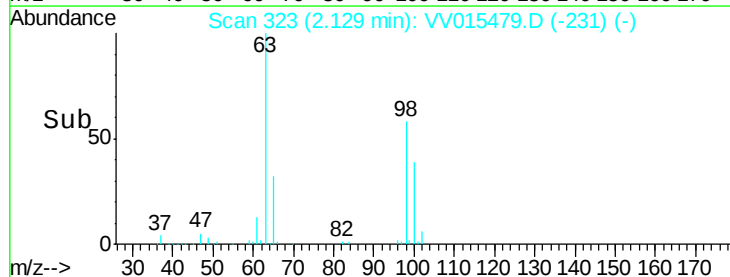
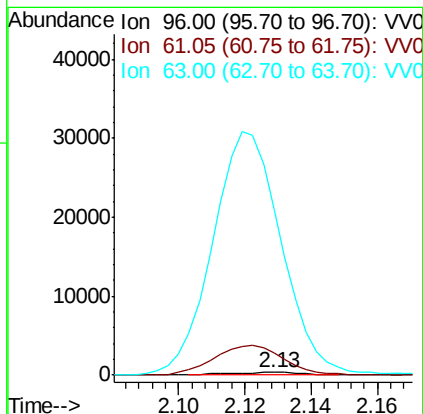
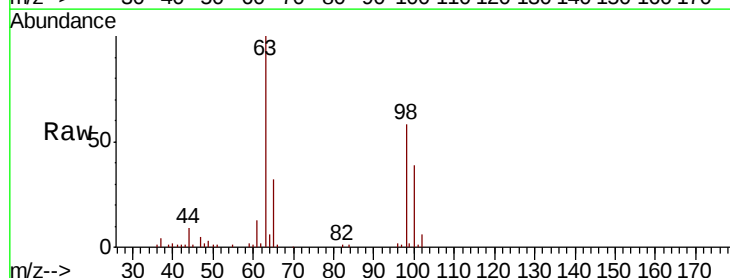
Tgt Ion: 96 Resp: 529

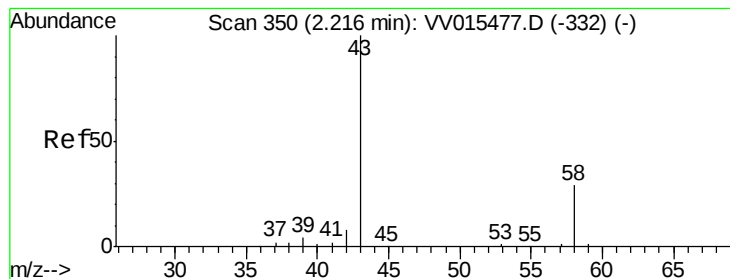
Ion Ratio Lower Upper

96 100

61 806.6 127.7 237.1#

63 5998.9 75.1 139.5#





#13

Acetone

Concen: 5.663 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV015479.D

Acq: 14 Apr 2020 22:40

Instrument :

MSVOA_V

ClientSampleId :

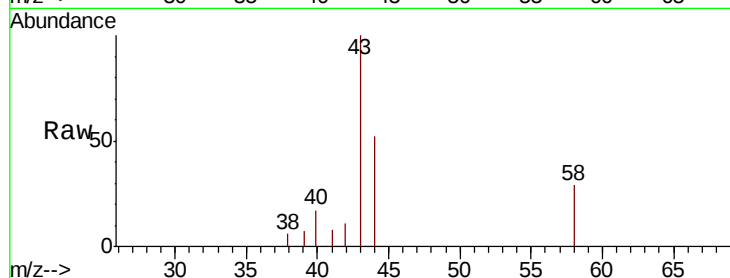
YQA97

Tot Ion: 43 Resp: 6339

Ion Ratio Lower Upper

43 100

58 33.5 0.0 22.2#



Abundance Ion 43.05 (42.75 to 43.75): VV015477.D (-332) (-)

Ion 58.05 (57.75 to 58.75): VV015477.D (-332) (-)

2.22

2000

1500

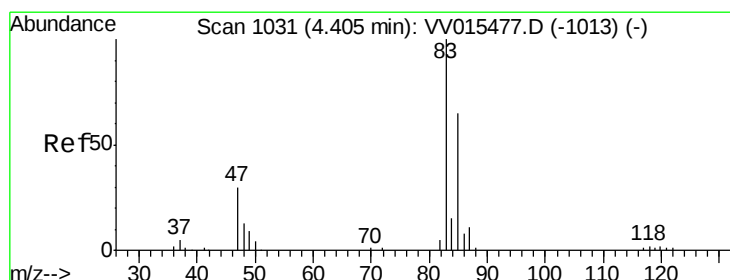
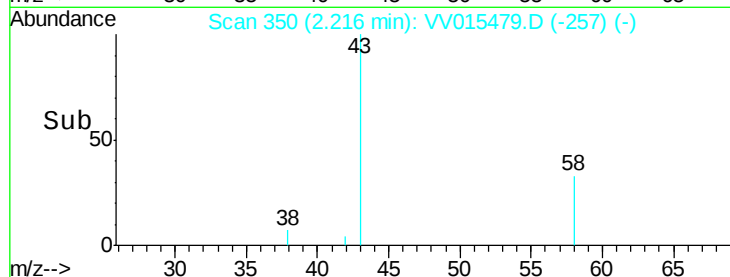
1000

500

0

Time-->

2.10 2.20 2.30



#25

Chloroform

Concen: 0.844 ug/L

RT: 4.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: VV015479.D

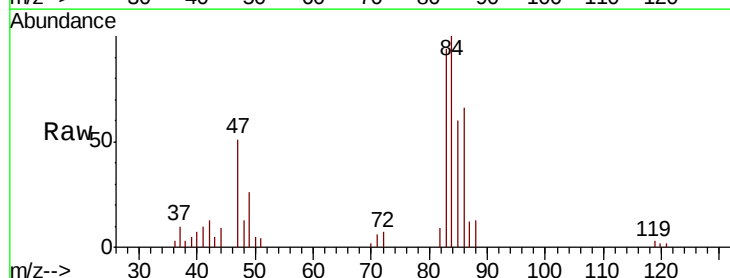
Acq: 14 Apr 2020 22:40

Tgt Ion: 83 Resp: 12520

Ion Ratio Lower Upper

83 100

85 64.2 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV015477.D (-1013) (-)

Ion 85.00 (84.70 to 85.70): VV015477.D (-1013) (-)

4.41

5000

4000

3000

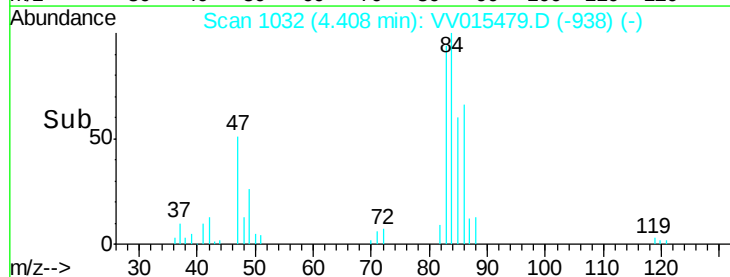
2000

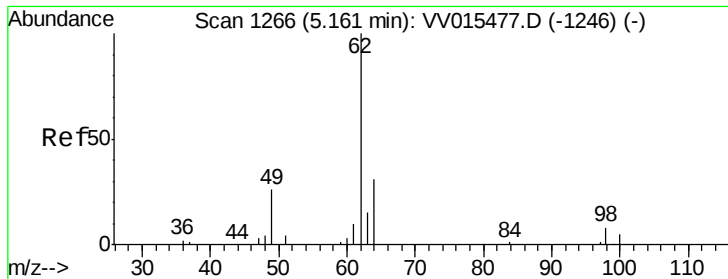
1000

0

Time-->

4.30 4.35 4.40 4.45 4.50

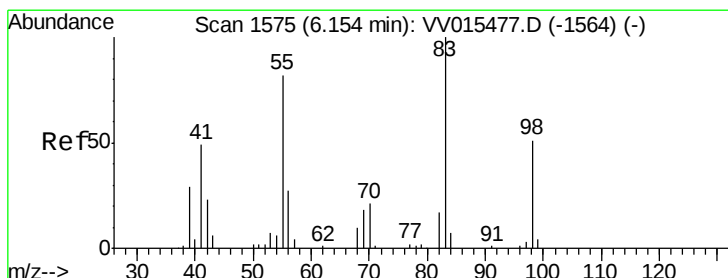
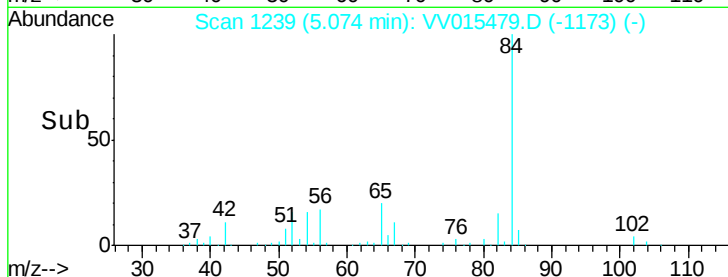
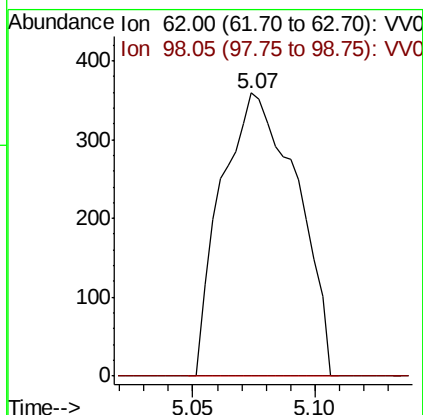
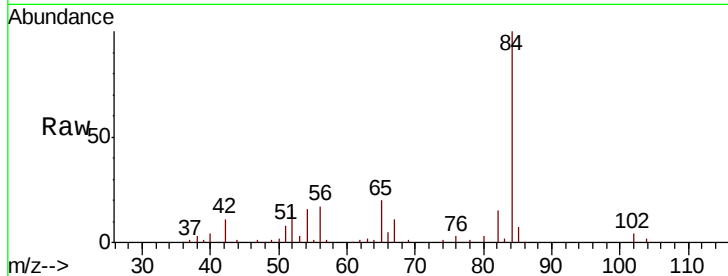




#27
 1,2-Dichloroethane
 Concen: 0.081 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.09 min
 Lab File: VV015479.D
 Acq: 14 Apr 2020 22:40

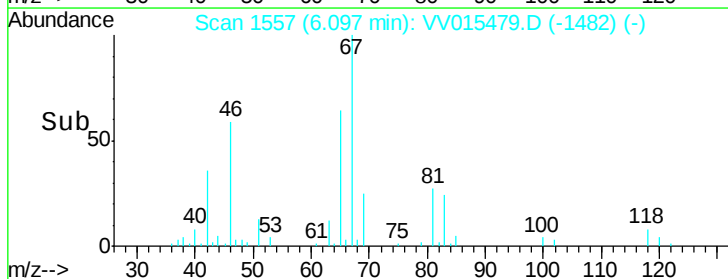
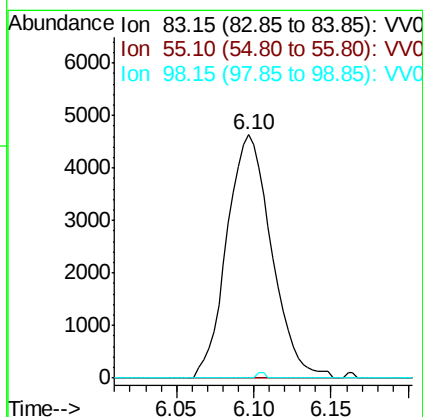
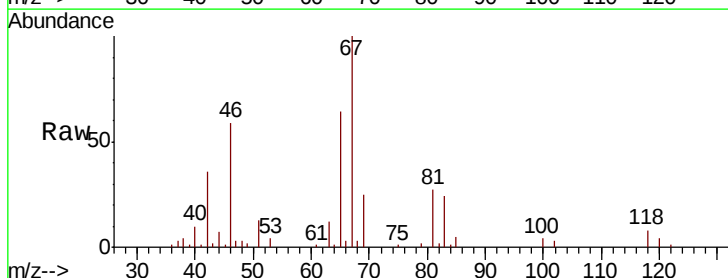
Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ97

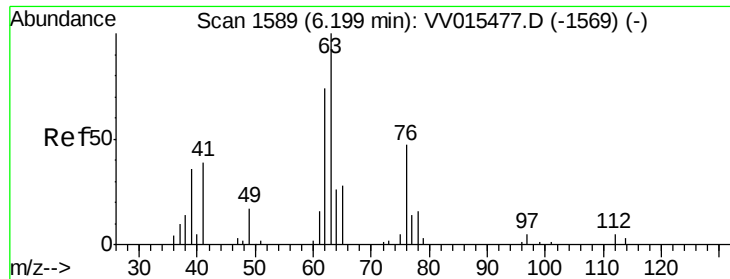
Tot Ion: 62 Resp: 773
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.664 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015479.D
 Acq: 14 Apr 2020 22:40

Tgt Ion: 83 Resp: 9292
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.5 38.7 58.1#

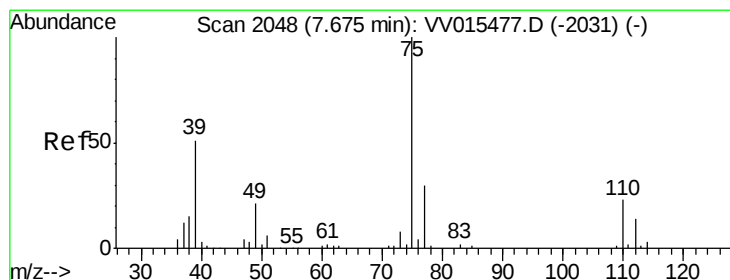
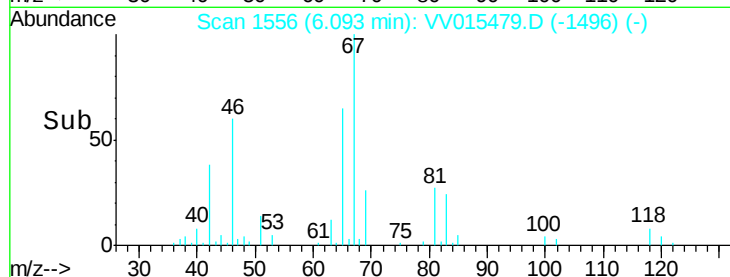
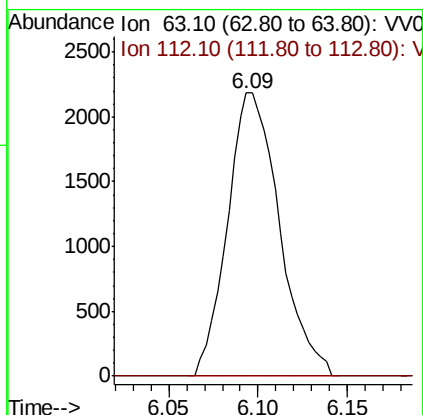
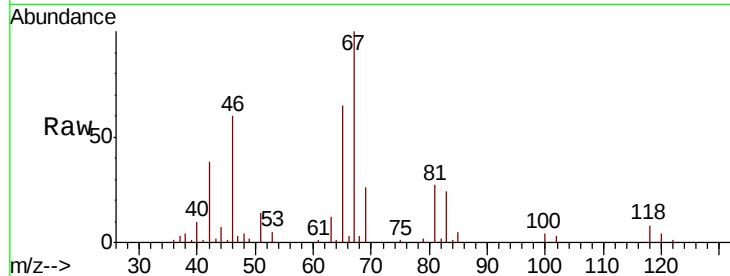




#37
 1,2-Dichloropropane
 Concen: 0.577 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.11 min
 Lab File: VV015479.D
 Acq: 14 Apr 2020 22:40

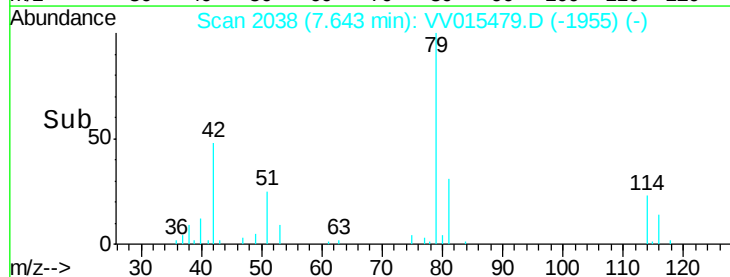
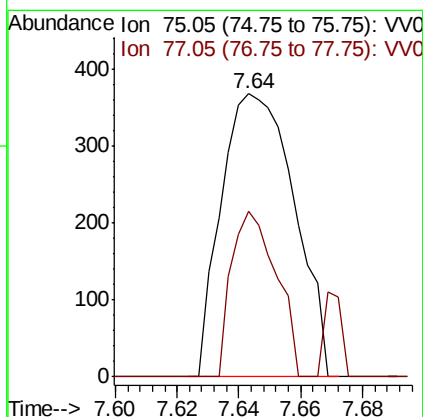
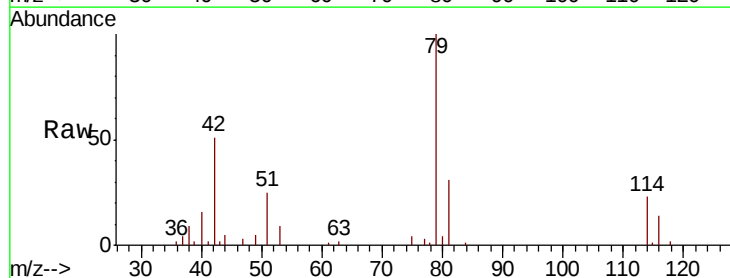
Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ97

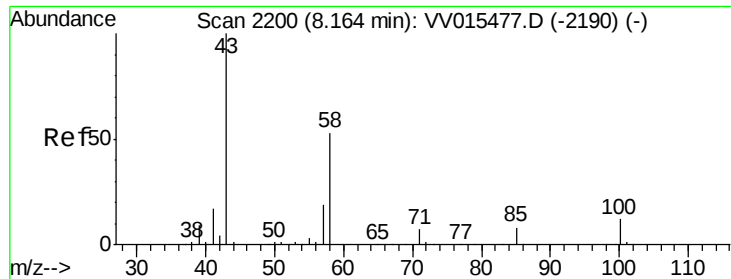
Tot Ion: 63 Resp: 4420
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.061 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015479.D
 Acq: 14 Apr 2020 22:40

Tgt Ion: 75 Resp: 604
 Ion Ratio Lower Upper
 75 100
 77 58.4 21.0 39.0#





#48

2-Hexanone

Concen: 2.639 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015479.D

Acq: 14 Apr 2020 22:40

Instrument :
MSVOA_V
ClientSampleId :
YQA97

Tot Ion: 43 Resp: 9271

Ion	Ratio	Lower	Upper
43	100		
58	31.2	41.4	62.0#
57	20.4	15.0	22.4
100	0.0	9.4	14.2#

