

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041720\
 Data File : VV015565.D
 Acq On : 17 Apr 2020 19:10
 Operator : SY/MD
 Sample : L2333-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 00:42:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 00:37:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	90343	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85523	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	41306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21616	4.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.20%
7) Chloroethane-d5	1.58	69	22411	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.12	63	34272	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.91	46	71435	54.27	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.54%
24) Chloroform-d	4.38	84	52526	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.06	65	29687	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.08	84	98633	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.09	67	30937	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.34	98	88898	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.65	79	7518	2.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.40%
46) 2-Hexanone-d5	8.11	63	57869	46.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.38%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22132	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.65	152	33381	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

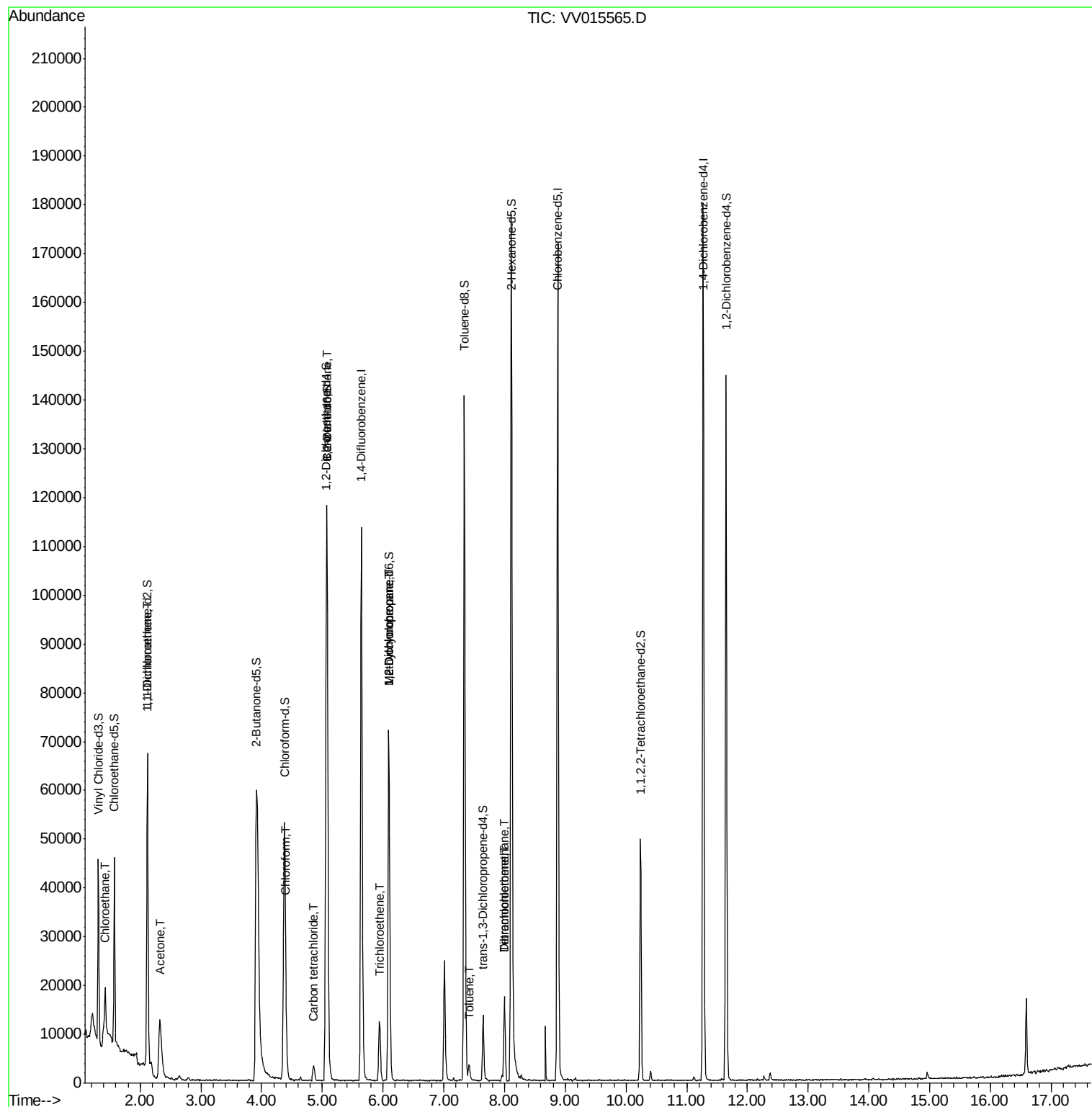
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.42	64	6112	1.285	ug/L #	54
12) 1,1-Dichloroethene	2.13	96	447	0.079	ug/L #	1
13) Acetone	2.32	43	6438	6.923	ug/L	77
25) Chloroform	4.41	83	2229	0.181	ug/L	98
27) 1,2-Dichloroethane	5.07	62	583	0.073	ug/L #	77
31) Carbon tetrachloride	4.86	117	2320	0.240	ug/L	99
34) Trichloroethene	5.94	95	4252	0.617	ug/L	97
35) Methylcyclohexane	6.09	83	7949	0.685	ug/L #	16
37) 1,2-Dichloropropane	6.09	63	3983	0.627	ug/L #	86
42) Toluene	7.41	91	2479	0.089	ug/L	85
47) Tetrachloroethene	8.00	164	3581	0.702	ug/L	97
49) Dibromochloromethane	8.00	129	3470	0.679	ug/L #	10

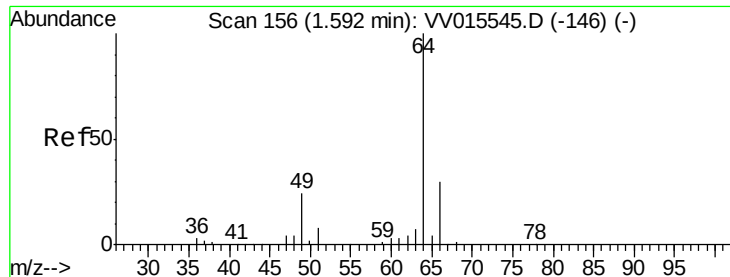
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV041720\
Data File : VV015565.D
Acq On : 17 Apr 2020 19:10
Operator : SY/MD
Sample : L2333-05
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Apr 18 00:42:15 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 18 00:37:52 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.285 ug/L

RT: 1.42 min Scan# 103

Delta R.T. -0.17 min

Lab File: VV015565.D

Acq: 17 Apr 2020 19:10

Instrument :

MSVOA_V

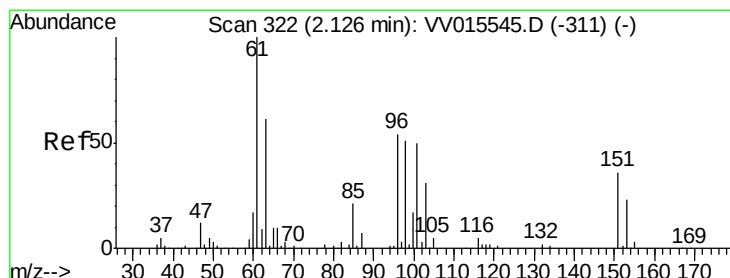
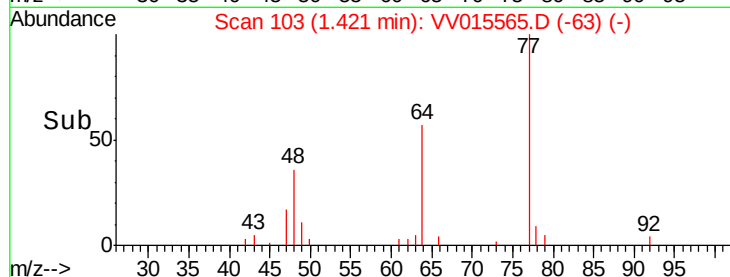
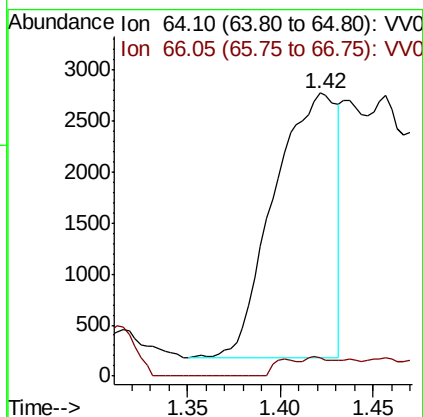
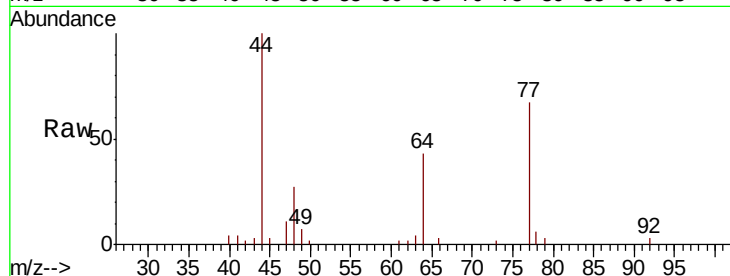
ClientSampleId :

Tot Ion: 64 Resp: 6112

Ion Ratio Lower Upper

64 100

66 6.4 22.3 41.5#



#12

1,1-Dichloroethene

Concen: 0.079 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.01 min

Lab File: VV015565.D

Acq: 17 Apr 2020 19:10

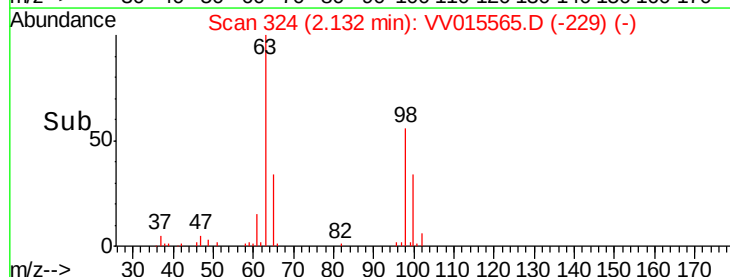
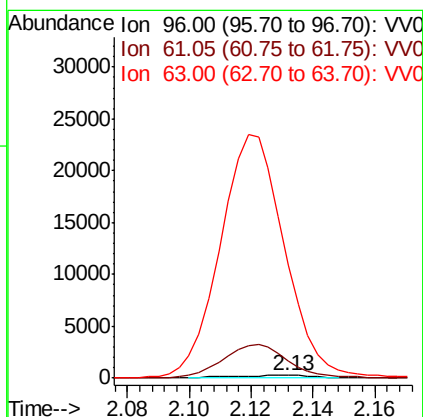
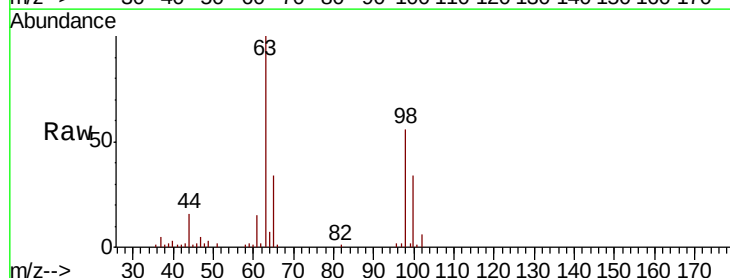
Tgt Ion: 96 Resp: 447

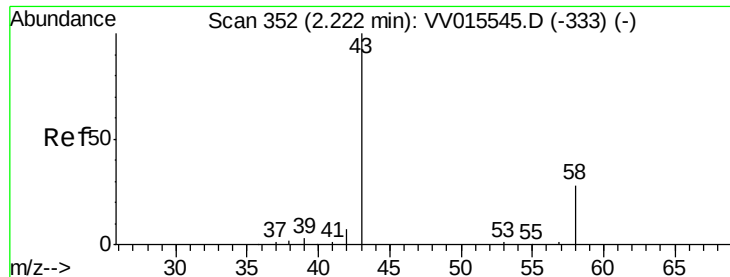
Ion Ratio Lower Upper

96 100

61 628.9 127.7 237.1#

63 4158.6 75.1 139.5#





#13

Acetone

Concen: 6.923 ug/L

RT: 2.32 min Scan# 384

Delta R.T. 0.10 min

Lab File: VV015565.D

Acq: 17 Apr 2020 19:10

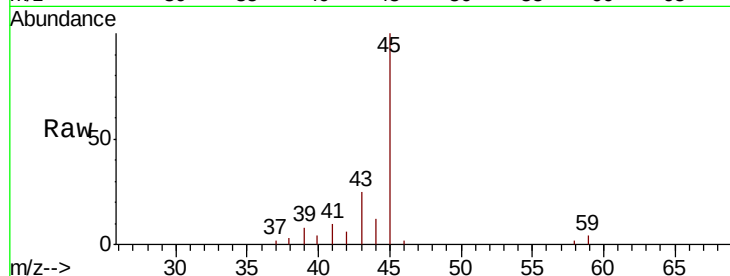
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6438

Ion Ratio Lower Upper

43 100

58 2.5 0.0 22.2



Abundance Ion 43.05 (42.75 to 43.75): VV015565.D (-384) (-)

Ion 58.05 (57.75 to 58.75): VV015565.D (-384) (-)

2.32

2000

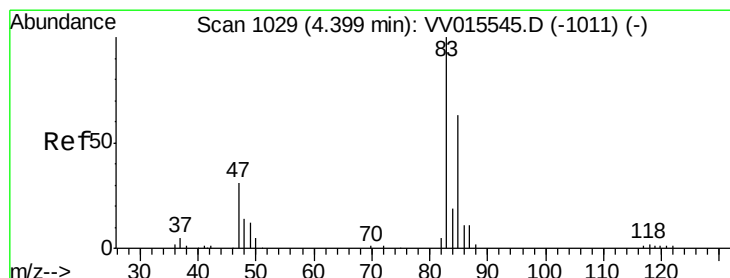
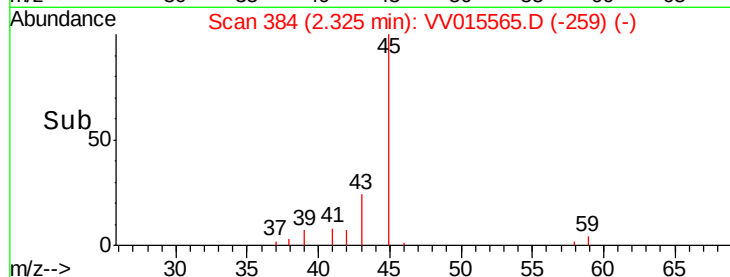
1500

1000

500

0

Time-->



#25

Chloroform

Concen: 0.181 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV015565.D

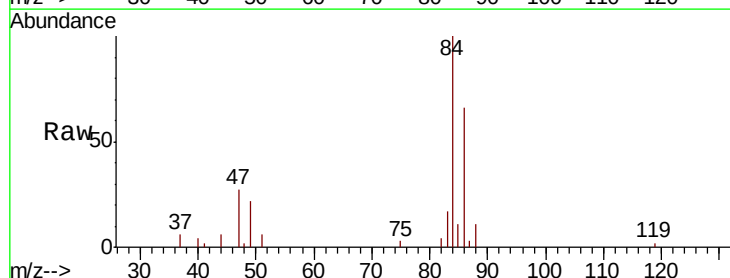
Acq: 17 Apr 2020 19:10

Tgt Ion: 83 Resp: 2229

Ion Ratio Lower Upper

83 100

85 63.8 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV015565.D (-1031) (-)

Ion 85.00 (84.70 to 85.70): VV015565.D (-1031) (-)

4.41

1000

800

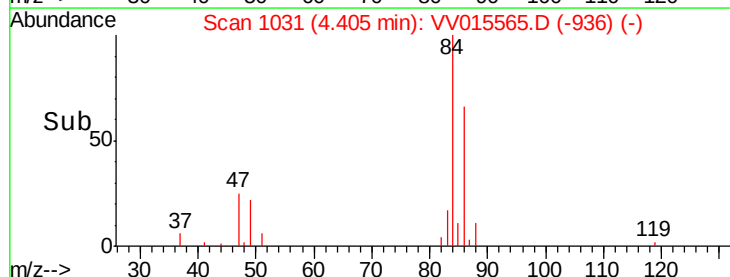
600

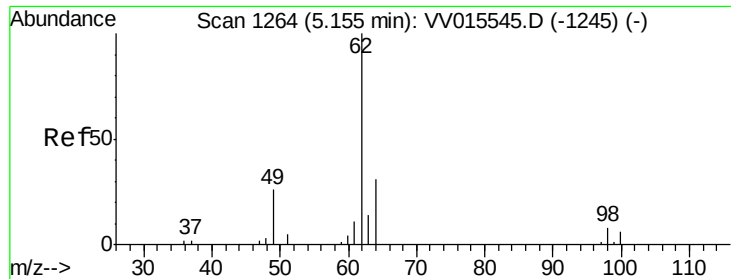
400

200

0

Time-->

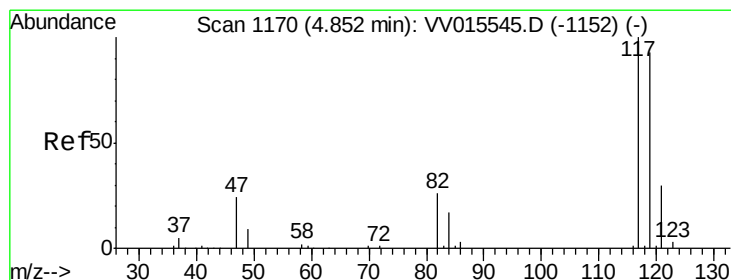
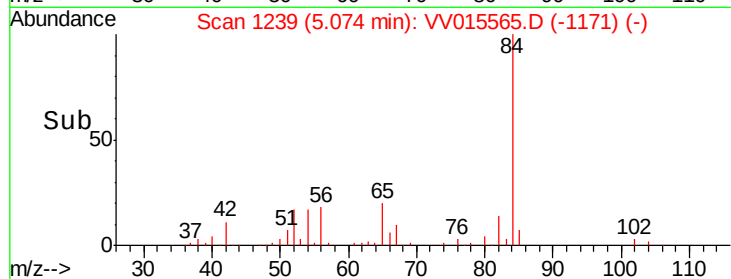
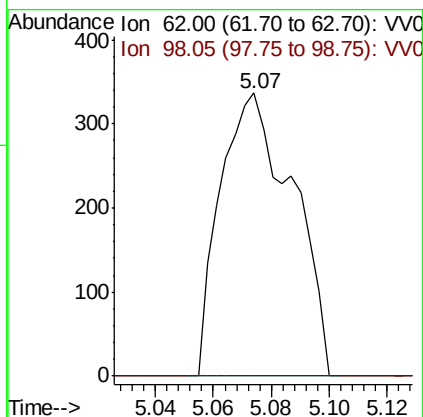
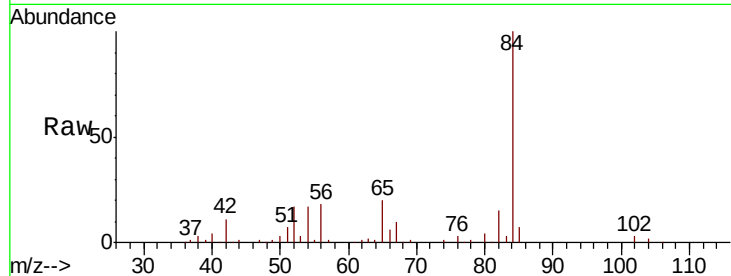




#27
 1,2-Dichloroethane
 Concen: 0.073 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015565.D
 Acq: 17 Apr 2020 19:10

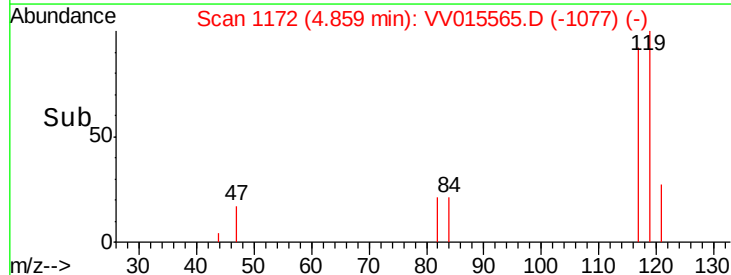
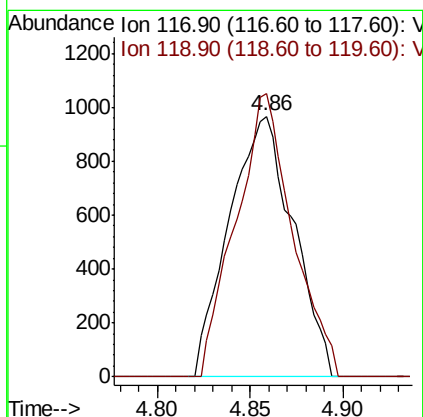
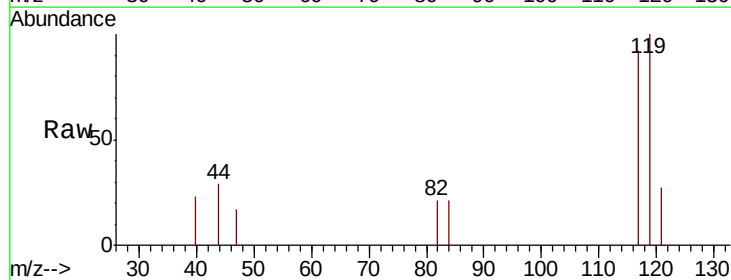
Instrument :
 MSVOA_V
 ClientSampleId :

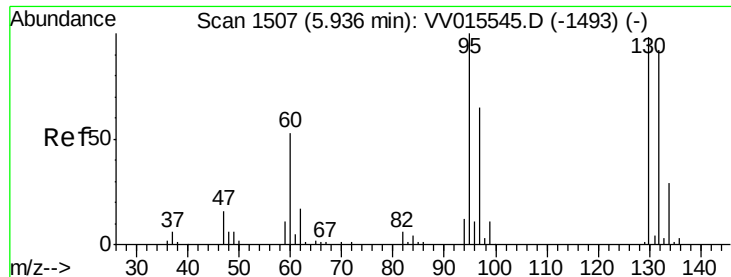
Tot Ion: 62 Resp: 583
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#31
 Carbon tetrachloride
 Concen: 0.240 ug/L
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: VV015565.D
 Acq: 17 Apr 2020 19:10

Tgt Ion: 117 Resp: 2320
 Ion Ratio Lower Upper
 117 100
 119 96.4 76.6 115.0





#34

Trichloroethene

Concen: 0.617 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV015565.D

Acq: 17 Apr 2020 19:10

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 4252

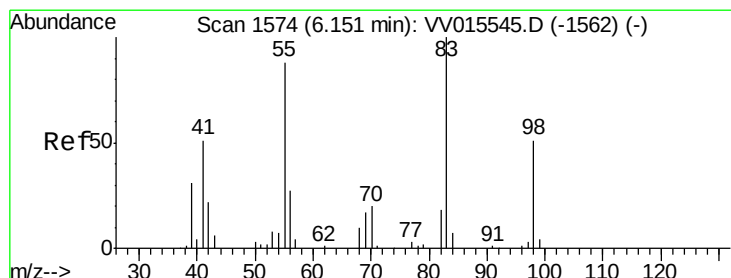
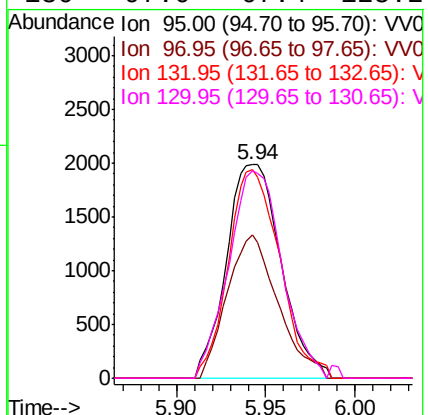
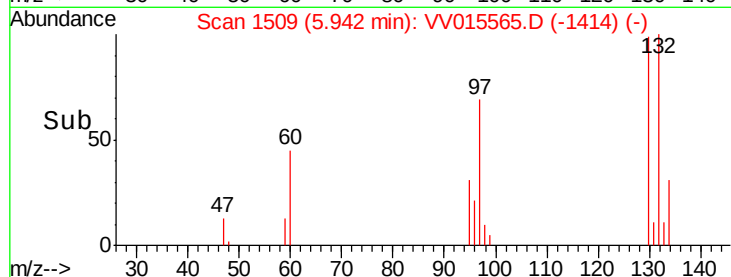
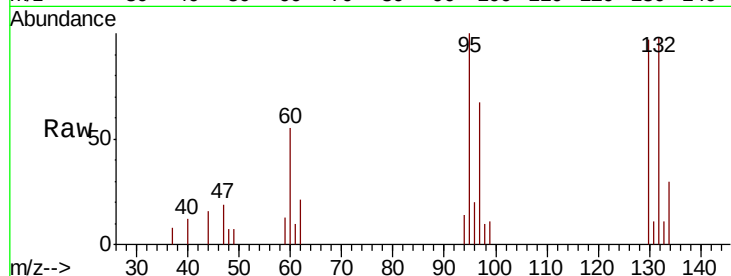
Ion Ratio Lower Upper

95 100

97 67.3 45.4 84.4

132 97.6 64.8 120.4

130 97.0 67.4 125.2



#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV015565.D

Acq: 17 Apr 2020 19:10

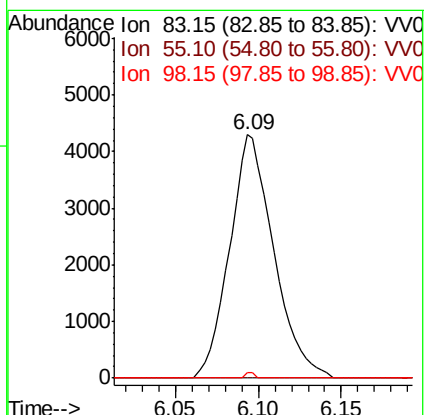
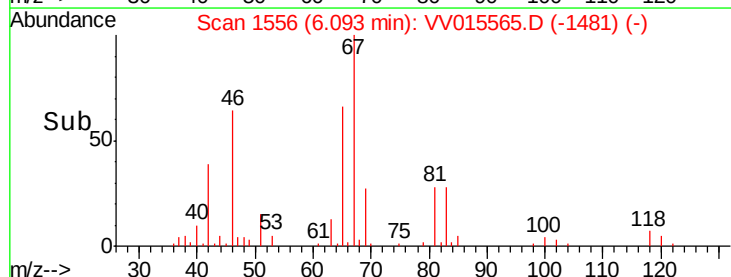
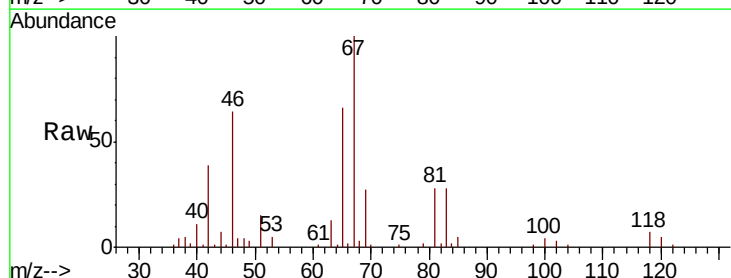
Tgt Ion: 83 Resp: 7949

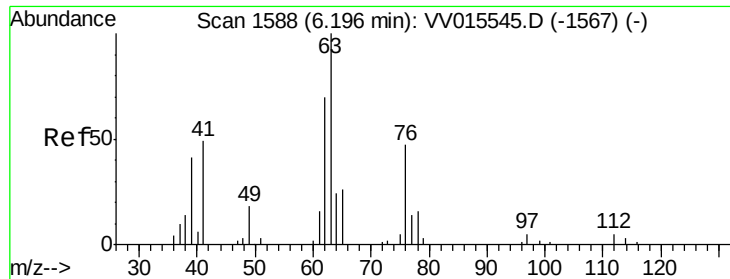
Ion Ratio Lower Upper

83 100

55 0.0 66.6 99.8#

98 0.5 38.7 58.1#

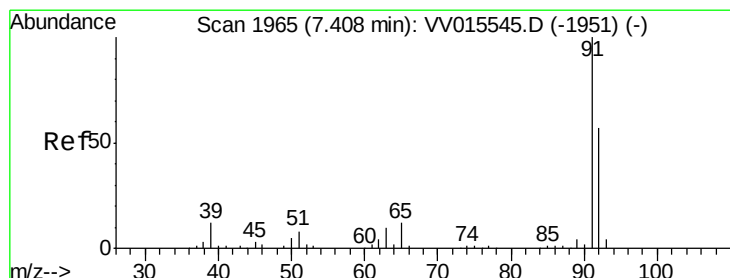
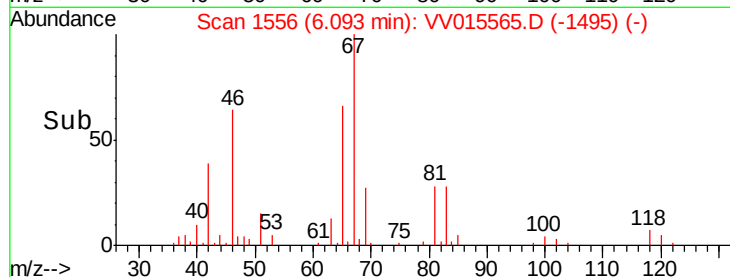
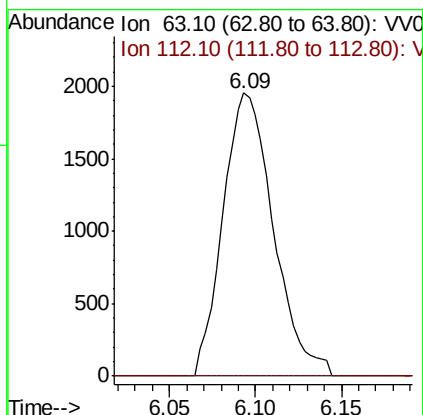
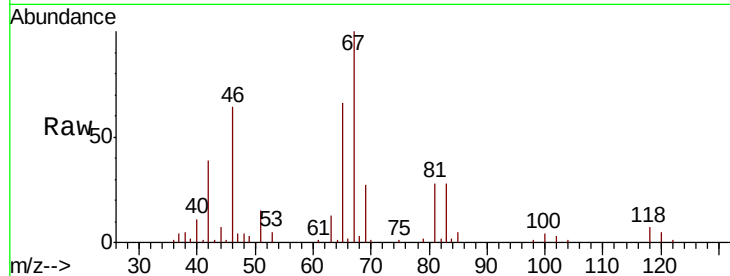




#37
 1,2-Dichloropropane
 Concen: 0.627 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015565.D
 Acq: 17 Apr 2020 19:10

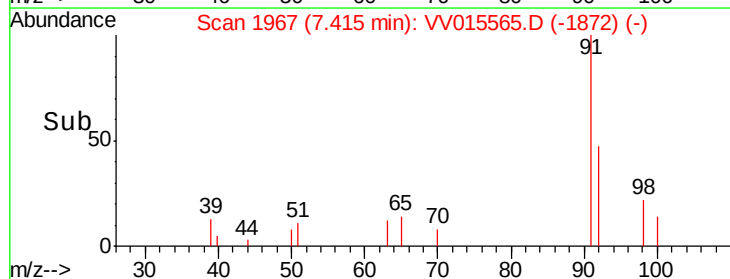
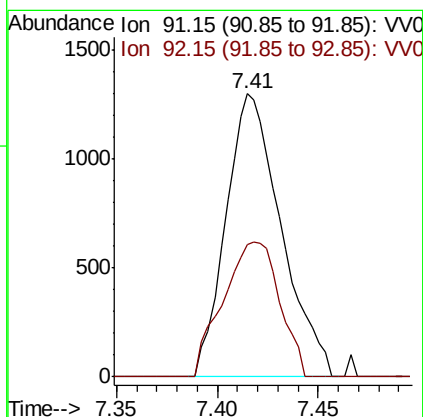
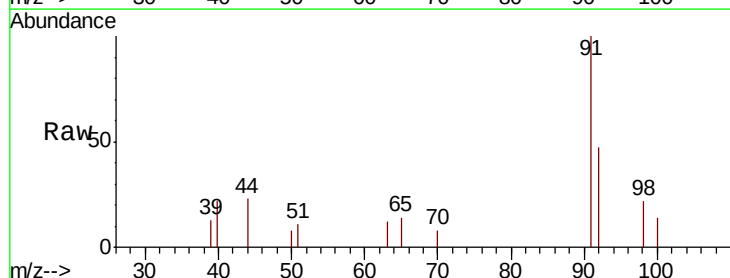
Instrument :
 MSVOA_V
 ClientSampleId :

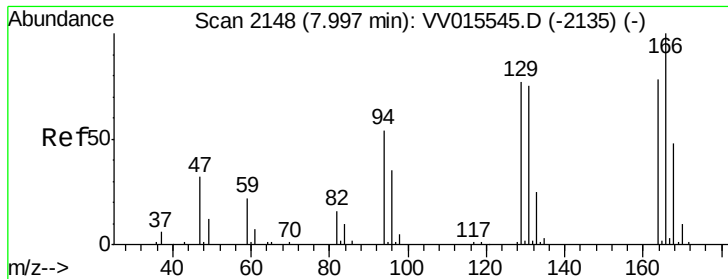
Tot Ion: 63 Resp: 3983
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 Toluene
 Concen: 0.089 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV015565.D
 Acq: 17 Apr 2020 19:10

Tgt Ion: 91 Resp: 2479
 Ion Ratio Lower Upper
 91 100
 92 46.6 40.2 74.6

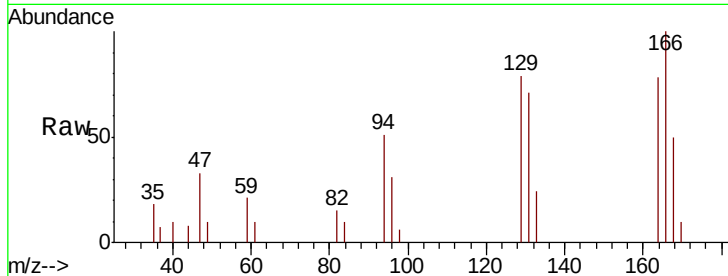




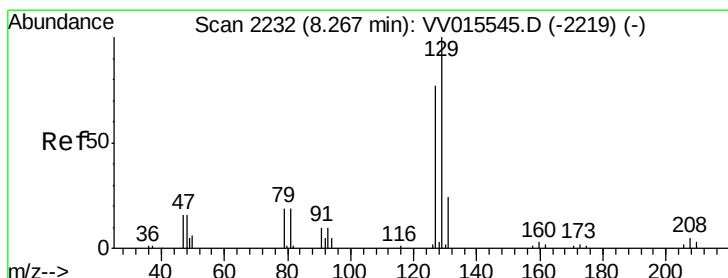
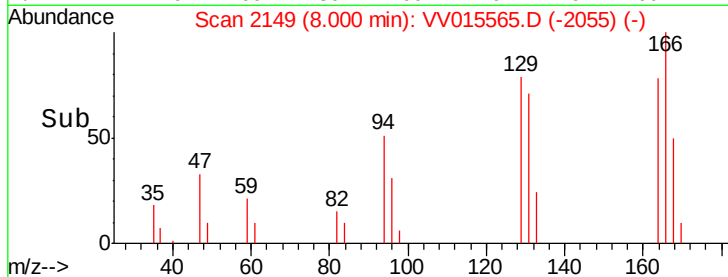
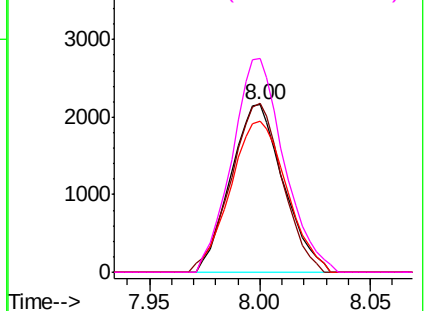
#47
Tetrachloroethene
Concen: 0.702 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. 0.00 min
Lab File: VV015565.D
Acq: 17 Apr 2020 19:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 3581
Ion Ratio Lower Upper
164 100
129 101.3 70.6 131.0
131 90.1 68.3 126.8
166 127.7 88.3 163.9

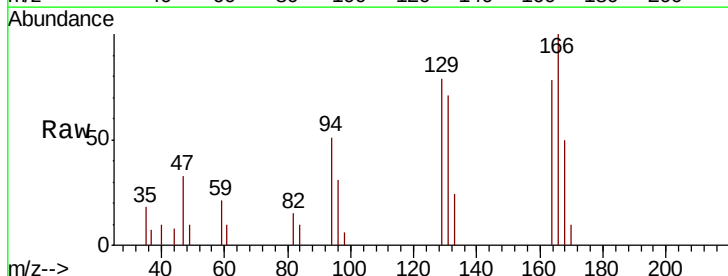


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49
Dibromochloromethane
Concen: 0.679 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV015565.D
Acq: 17 Apr 2020 19:10

Tgt Ion:129 Resp: 3470
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

