

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051920\
 Data File : VV016115.D
 Acq On : 19 May 2020 11:46
 Operator : SY/MD
 Sample : L2634-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 20 01:22:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 20 01:20:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	149652	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	148983	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67662	5.00	ug/L	0.00

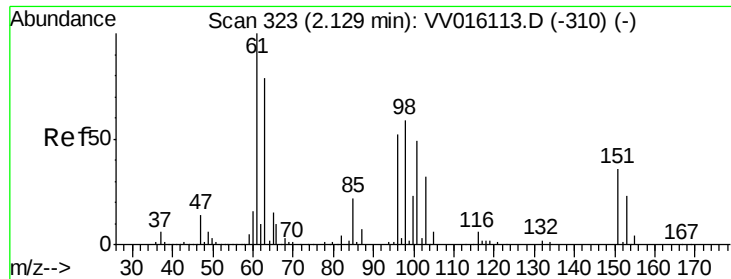
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38684	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	40531	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	61001	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.94	46	133067	57.46	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.92%
24) Chloroform-d	4.38	84	93008	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.06	65	52119	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.07	84	175068	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.10	67	57006	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.34	98	151628	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
45) trans-1,3-Dichloropropene-	7.65	79	18893	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
48) 2-Hexanone-d5	8.12	63	91871	49.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.48%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	39812	5.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	57140	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	616	0.072	ug/L #	20
12) 1,1-Dichloroethene	2.12	96	624	0.076	ug/L #	1
13) Acetone	2.21	43	20901	13.681	ug/L	64
14) Carbon disulfide	2.31	76	3354	0.123	ug/L #	91
15) Methyl Acetate	2.41	43	848	0.240	ug/L #	51
21) 2-Butanone	4.13	43	12152	5.223	ug/L #	56
25) Chloroform	4.41	83	36124	1.871	ug/L	99
35) Methylcyclohexane	6.09	83	14112	0.872	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	7151	0.751	ug/L #	87
38) Bromodichloromethane	6.54	83	1125	0.093	ug/L #	77
50) 2-Hexanone	8.12	43	15940	3.798	ug/L #	70

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.072 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

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MSVOA_V

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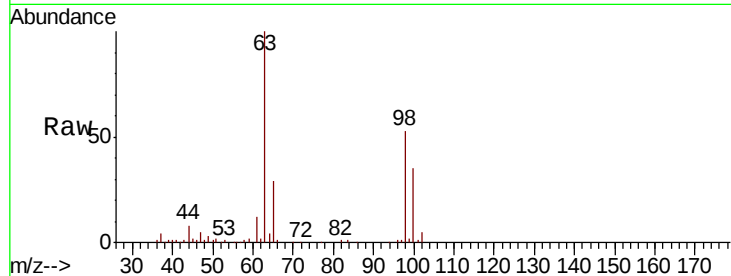
Tot Ion:101 Resp: 616

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

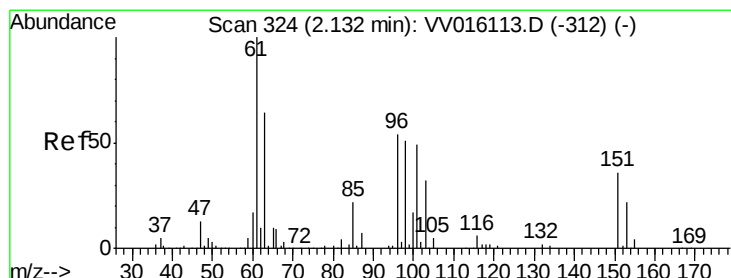
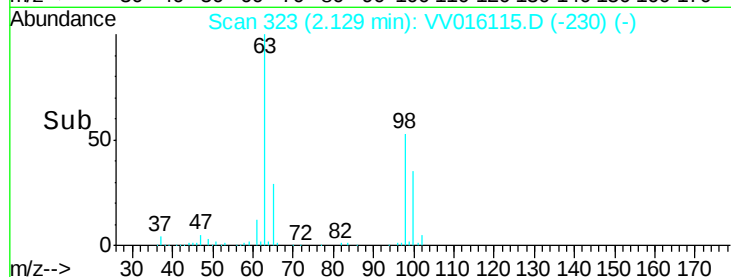
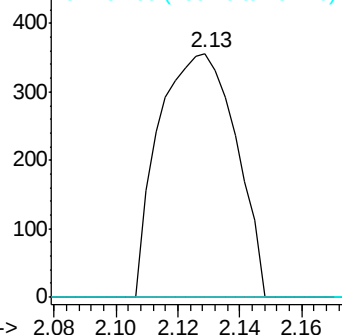
151 0.0 58.0 87.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.076 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016115.D

Acq: 19 May 2020 11:46

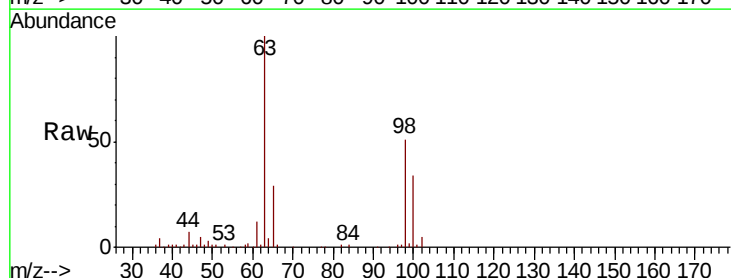
Tgt Ion: 96 Resp: 624

Ion Ratio Lower Upper

96 100

61 1313.7 139.9 259.7#

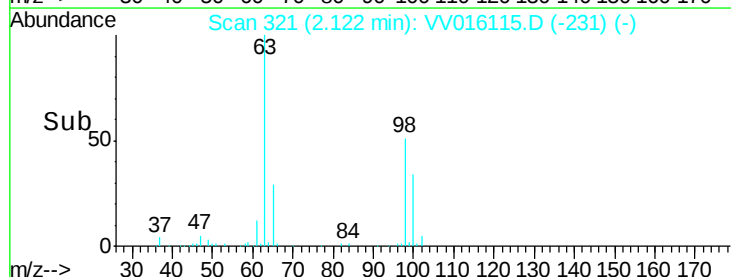
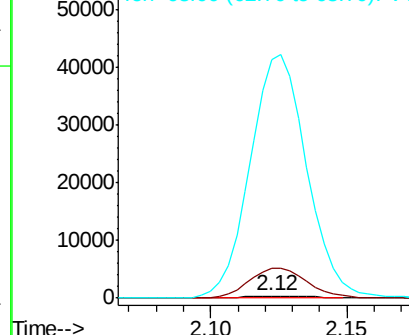
63 10679.1 106.4 197.6#

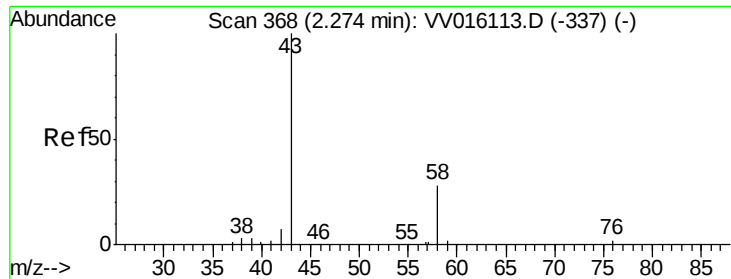


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 13.681 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.06 min

Lab File: VV016115.D

Acq: 19 May 2020 11:46

Instrument :

MSVOA_V

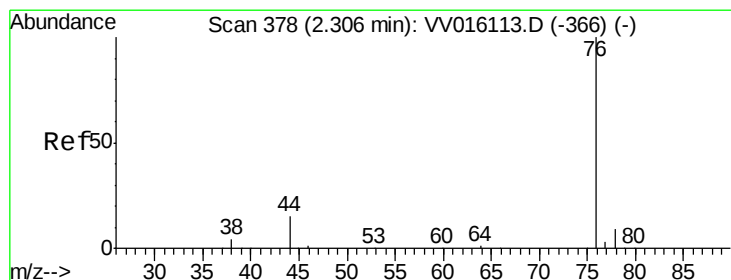
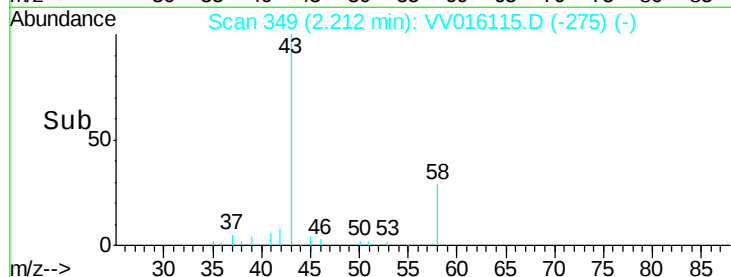
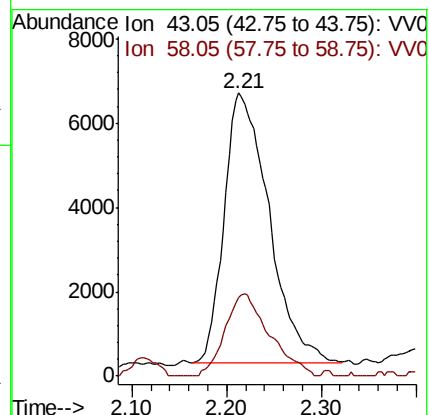
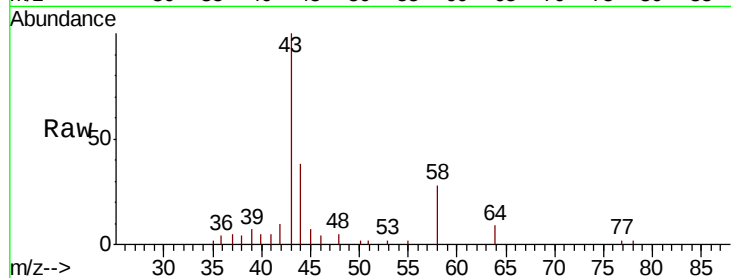
ClientSampleId :

Tot Ion: 43 Resp: 20901

Ion Ratio Lower Upper

43 100

58 30.5 0.0 30.8



#14

Carbon disulfide

Concen: 0.123 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.01 min

Lab File: VV016115.D

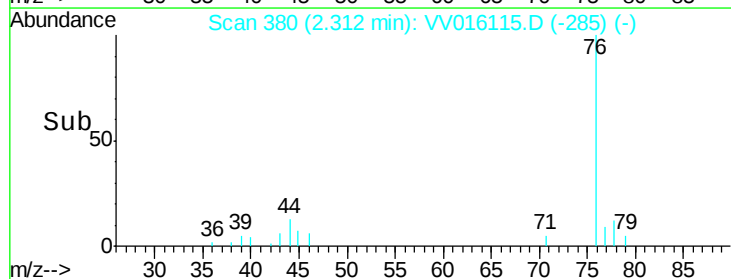
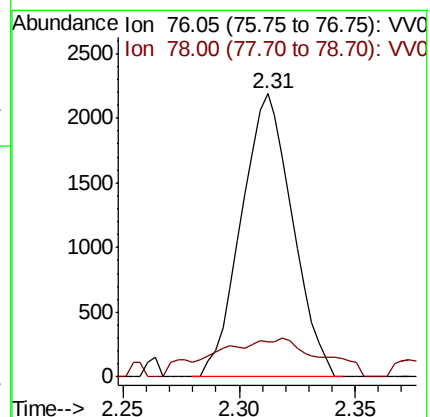
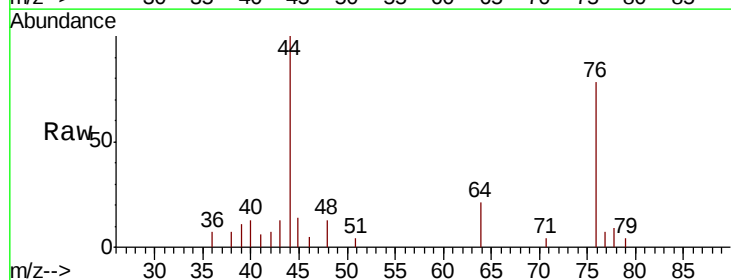
Acq: 19 May 2020 11:46

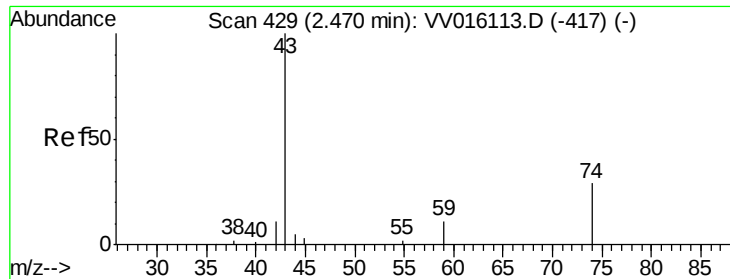
Tgt Ion: 76 Resp: 3354

Ion Ratio Lower Upper

76 100

78 12.2 7.0 10.6#

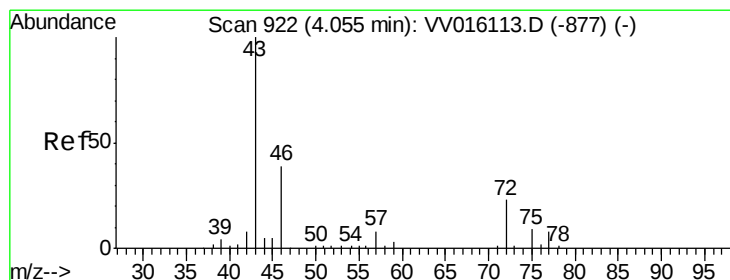
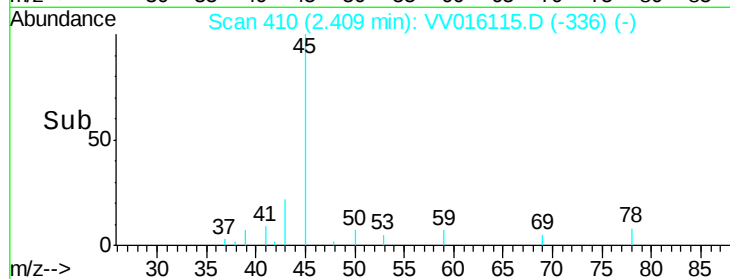
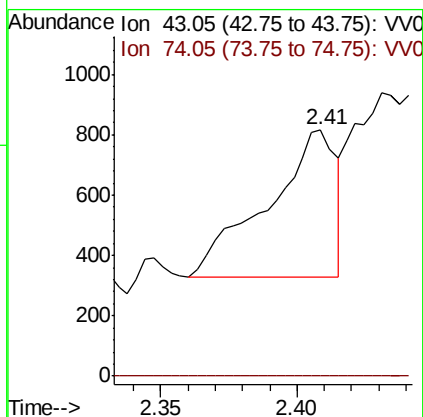
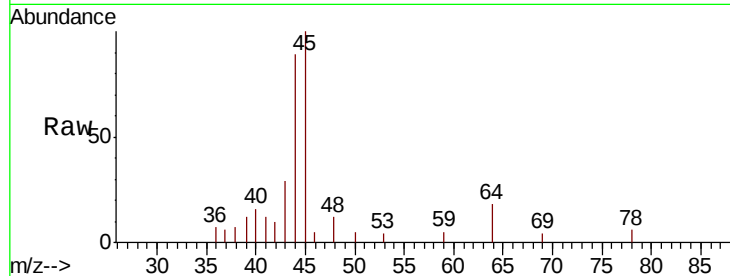




#15
Methvl Acetate
Concen: 0.240 ug/L
RT: 2.41 min Scan# 410
Delta R.T. -0.06 min
Lab File: VV016115.D
Acq: 19 May 2020 11:46

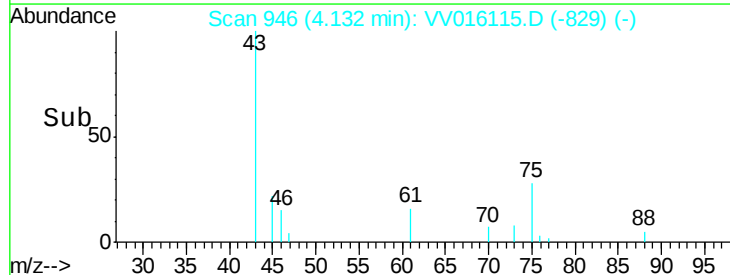
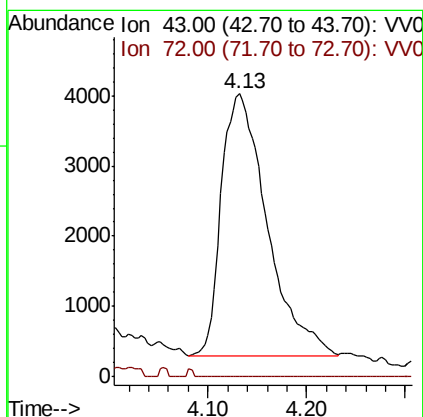
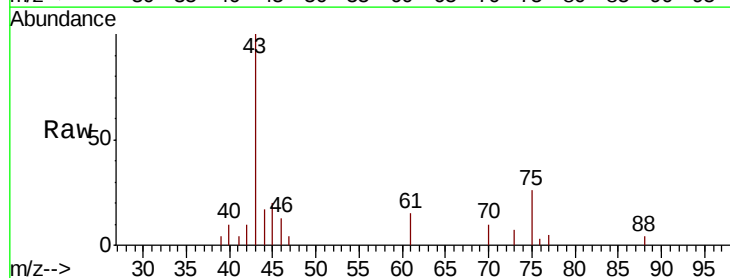
Instrument :
MSVOA_V
ClientSampleId :

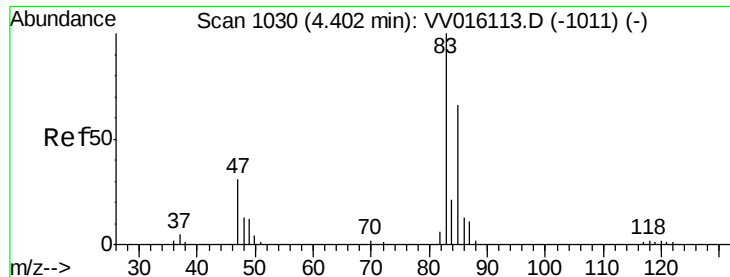
Tot Ion: 43 Resp: 848
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#21
2-Butanone
Concen: 5.223 ug/L
RT: 4.13 min Scan# 946
Delta R.T. 0.08 min
Lab File: VV016115.D
Acq: 19 May 2020 11:46

Tgt Ion: 43 Resp: 12152
Ion Ratio Lower Upper
43 100
72 0.3 10.5 31.5#

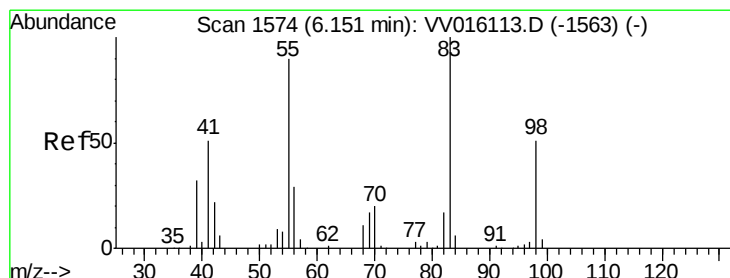
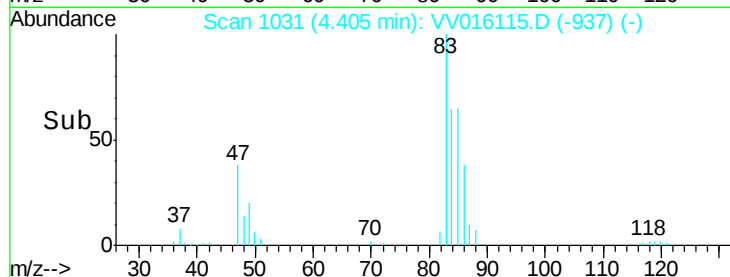
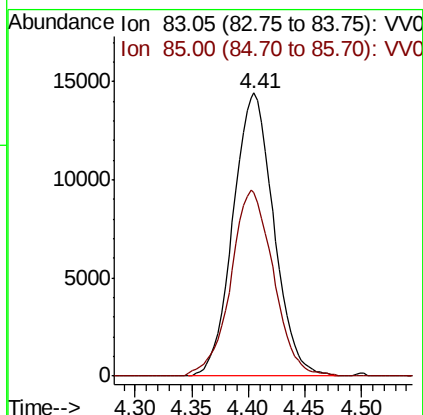
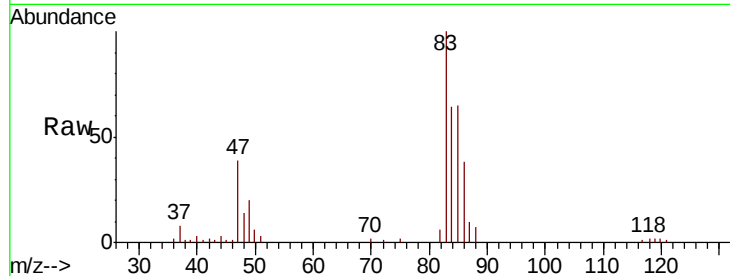




#25
Chloroform
Concen: 1.871 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016115.D
Acq: 19 May 2020 11:46

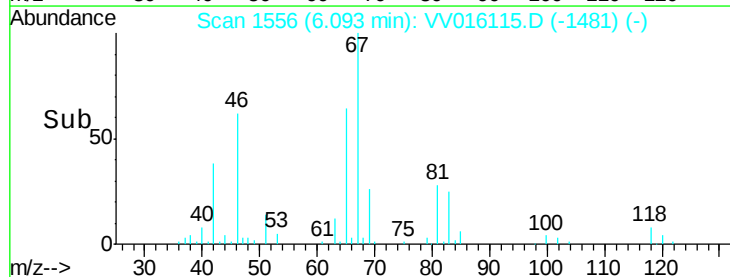
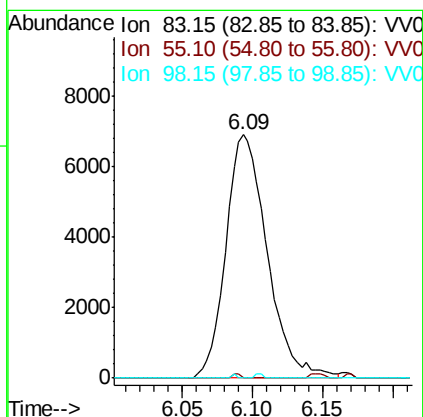
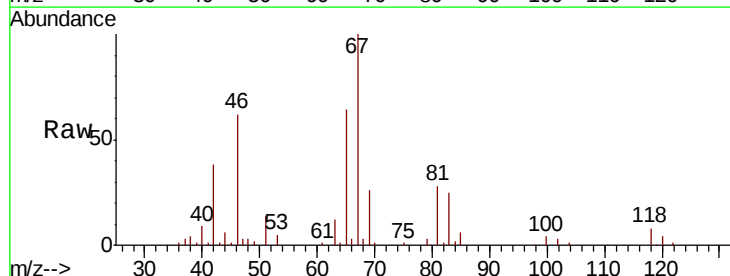
Instrument :
MSVOA_V
ClientSampleId :

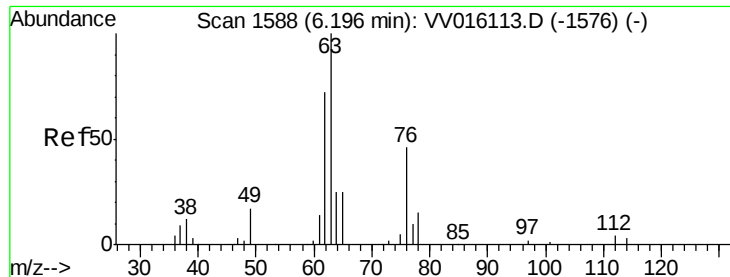
Tot Ion: 83 Resp: 36124
Ion Ratio Lower Upper
83 100
85 64.7 45.7 84.9



#35
Methylcyclohexane
Concen: 0.872 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV016115.D
Acq: 19 May 2020 11:46

Tgt Ion: 83 Resp: 14112
Ion Ratio Lower Upper
83 100
55 0.3 66.2 99.2#
98 0.1 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.751 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016115.D

Acq: 19 May 2020 11:46

Instrument :

MSVOA_V

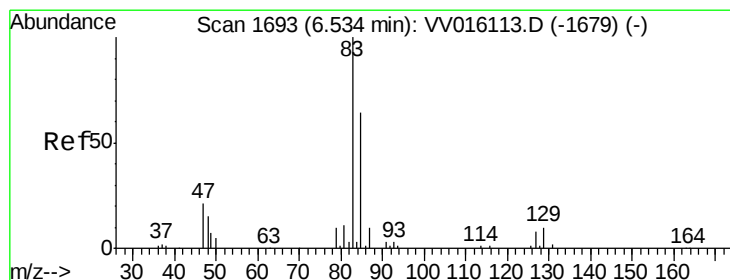
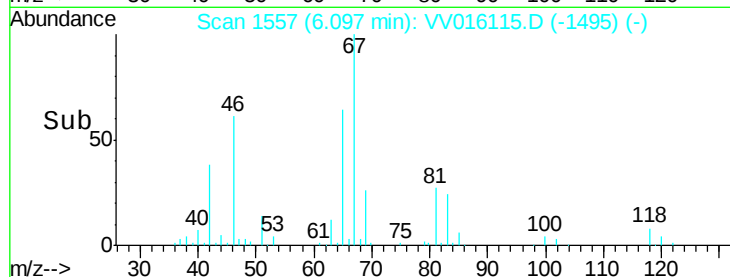
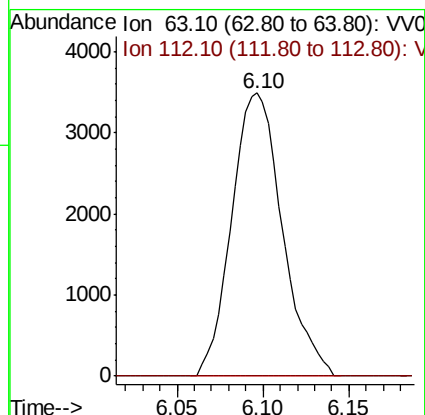
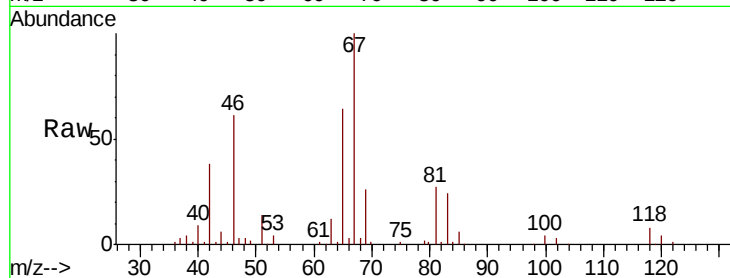
ClientSampleId :

Tot Ion: 63 Resp: 7151

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



#38

Bromodichloromethane

Concen: 0.093 ug/L

RT: 6.54 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VV016115.D

Acq: 19 May 2020 11:46

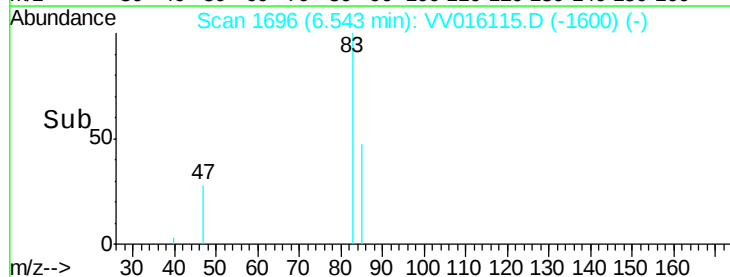
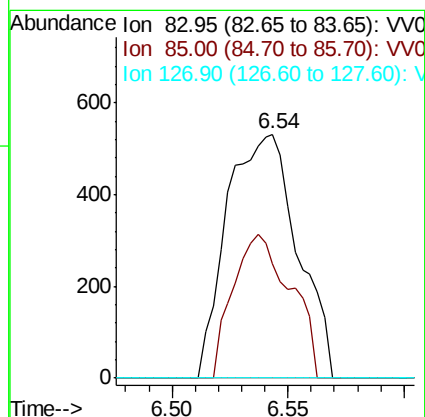
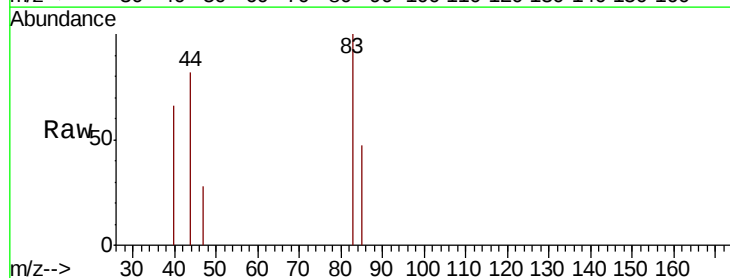
Tgt Ion: 83 Resp: 1125

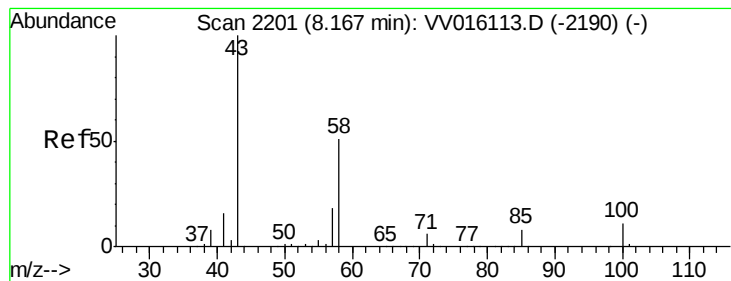
Ion Ratio Lower Upper

83 100

85 46.7 45.5 84.5

127 0.0 6.2 9.4#





#50
 2-Hexanone
 Concen: 3.798 ug/L
 RT: 8.12 min Scan# 2186
 Delta R.T. -0.05 min
 Lab File: VV016115.D
 Acq: 19 May 2020 11:46

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 15940
 Ion Ratio Lower Upper
 43 100
 58 27.2 40.8 61.2#
 57 26.3 14.7 22.1#
 100 0.3 9.0 13.6#

