

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051320\
 Data File : VV016035.D
 Acq On : 13 May 2020 13:02
 Operator : SY/MD
 Sample : L2542-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 14 02:28:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 14 02:25:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145894	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	145011	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	64553	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48427	6.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.40%
7) Chloroethane-d5	1.58	69	44355	5.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.20%
11) 1,1-Dichloroethene-d2	2.12	63	70388	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.80%
20) 2-Butanone-d5	3.93	46	116381	51.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.10%
24) Chloroform-d	4.38	84	93776	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
26) 1,2-Dichloroethane-d4	5.06	65	51702	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.08	84	179814	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.10	67	56226	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	7.34	98	161298	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
45) trans-1,3-Dichloropropene-	7.65	79	16911	4.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.80%
48) 2-Hexanone-d5	8.12	63	90419	49.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.58%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38983	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	57235	5.46	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.20%

Target Compounds

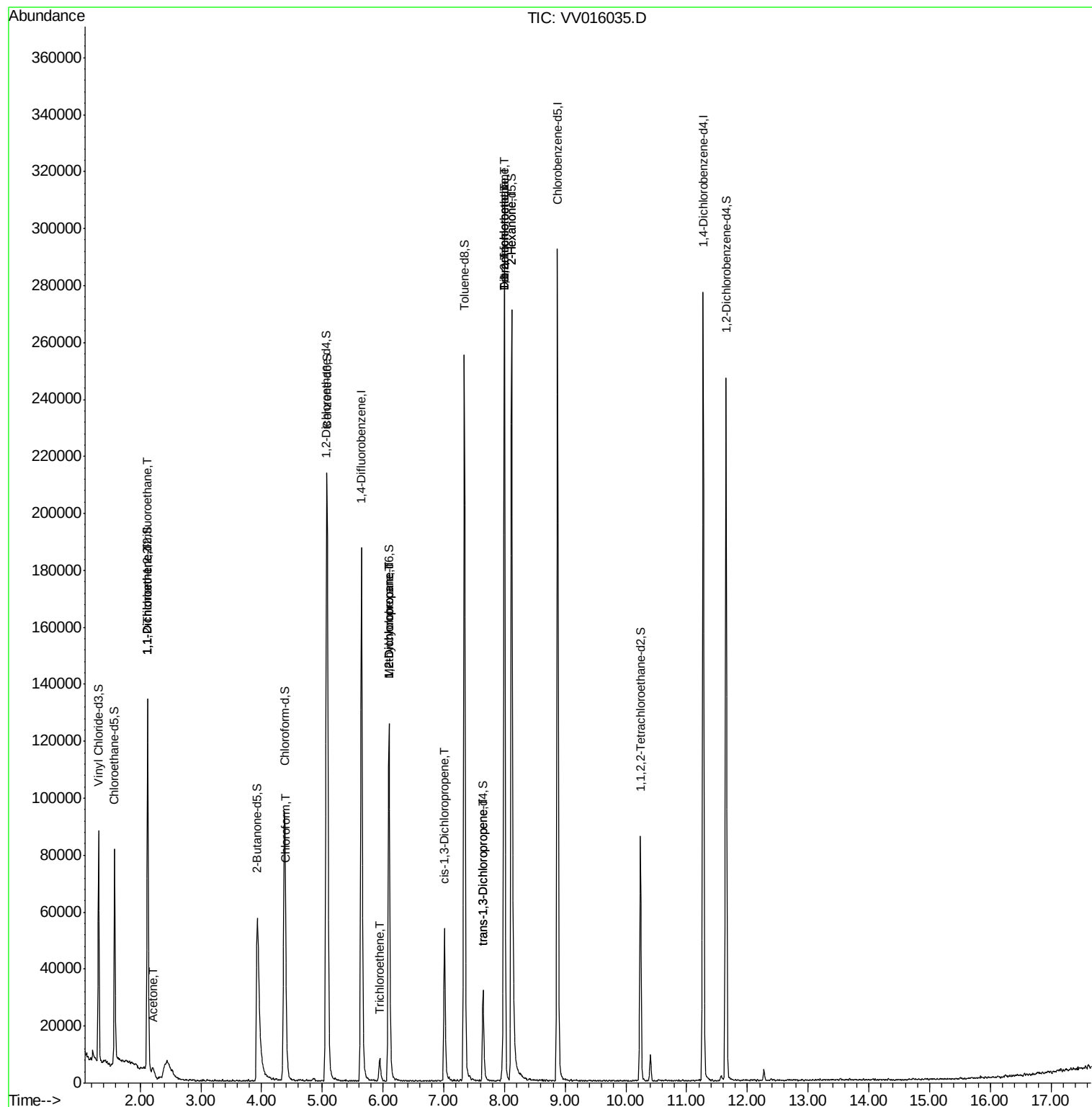
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1238	0.148	ug/L #	60
12) 1,1-Dichloroethene	2.12	96	671	0.084	ug/L #	1
13) Acetone	2.21	43	5538	3.718	ug/L	64
25) Chloroform	4.41	83	5067	0.269	ug/L	99
34) Trichloroethene	5.95	95	2605	0.250	ug/L	93
35) Methylcyclohexane	6.10	83	13247	0.841	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	7020	0.757	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1416	0.108	ug/L #	50
46) trans-1,3-Dichloropropene	7.64	75	869	0.079	ug/L	88
47) 1,1,2-Trichloroethane	8.00	97	644	0.104	ug/L #	1
49) Tetrachloroethene	8.00	164	61367	8.446	ug/L	99
50) 2-Hexanone	8.12	43	12983	3.178	ug/L #	82
51) Dibromochloromethane	8.00	129	61410	8.829	ug/L #	9

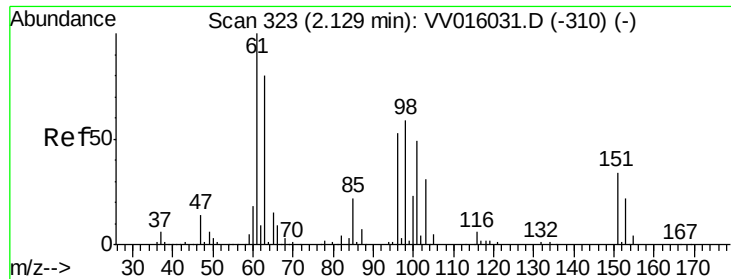
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV051320\
Data File : VV016035.D
Acq On : 13 May 2020 13:02
Operator : SY/MD
Sample : L2542-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 14 02:28:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu May 14 02:25:38 2020
Response via : Initial Calibration





#10

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

Concen: 0.148 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016035.D

Acq: 13 May 2020 13:02

Instrument :

MSVOA_V

ClientSampleId :

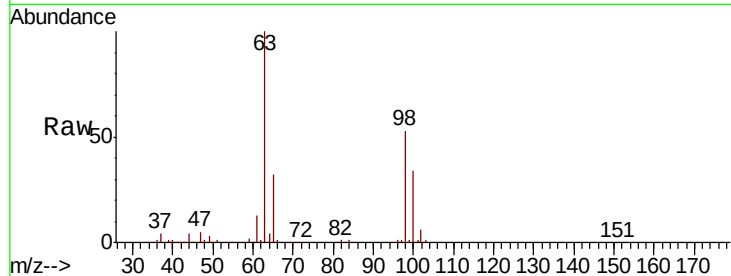
Tot Ion:101 Resp: 1238

Ion Ratio Lower Upper

101 100

85 28.0 35.7 53.5#

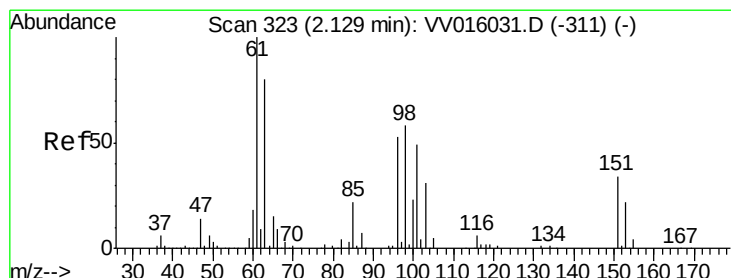
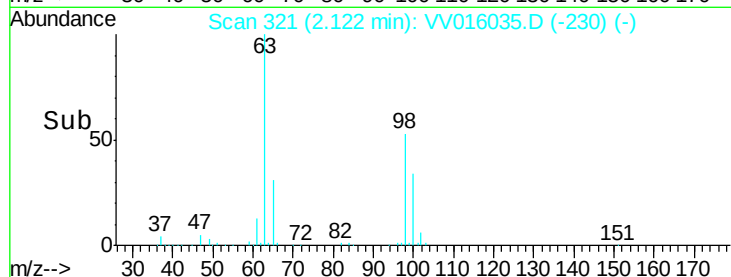
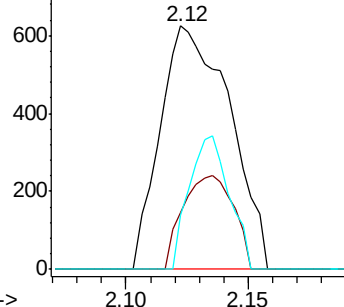
151 31.4 58.0 87.0#



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: 0.084 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016035.D

Acq: 13 May 2020 13:02

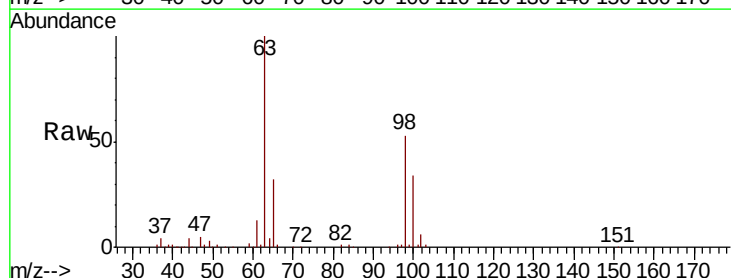
Tgt Ion: 96 Resp: 671

Ion Ratio Lower Upper

96 100

61 1681.8 139.9 259.7#

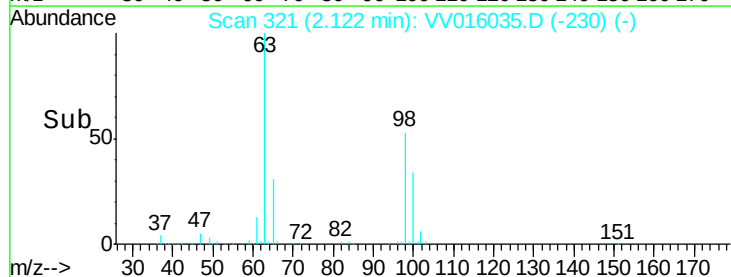
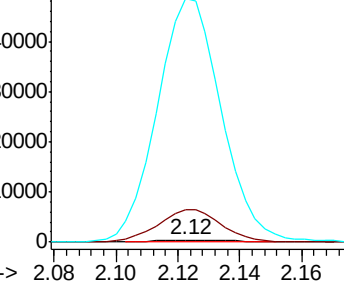
63 12639.6 106.4 197.6#

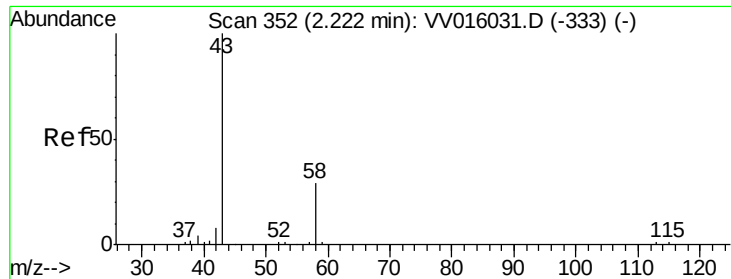


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.718 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV016035.D

Acq: 13 May 2020 13:02

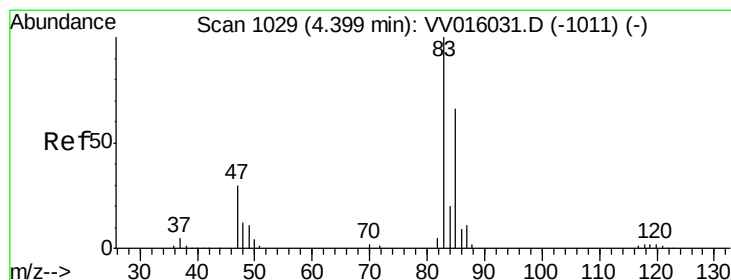
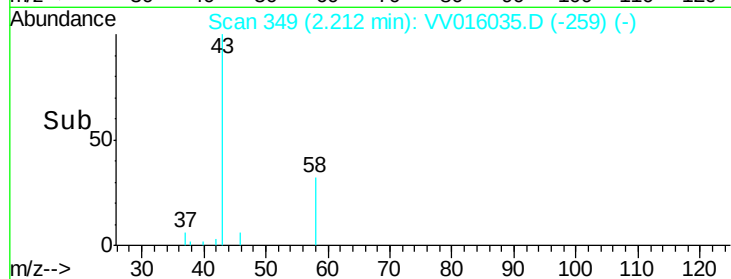
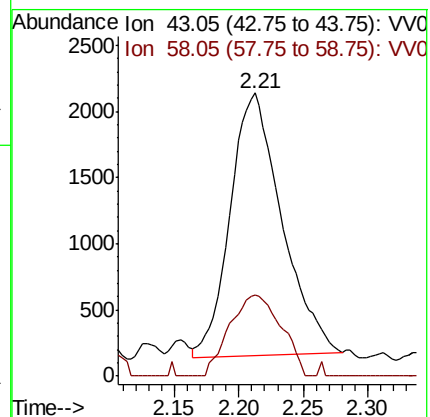
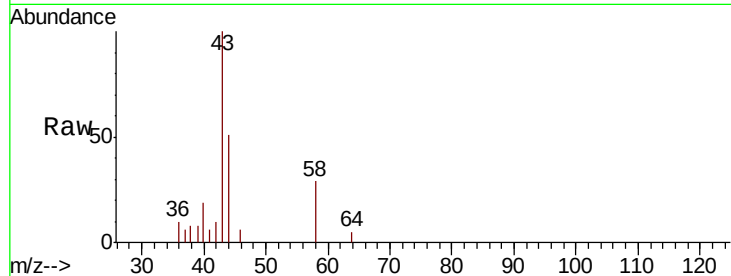
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 5538

Ion Ratio Lower Upper

43 100

58 30.6 0.0 30.8



#25

Chloroform

Concen: 0.269 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VV016035.D

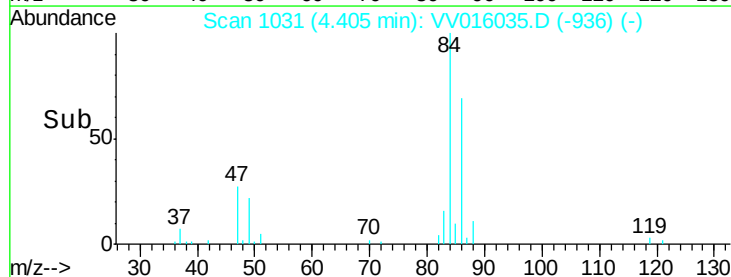
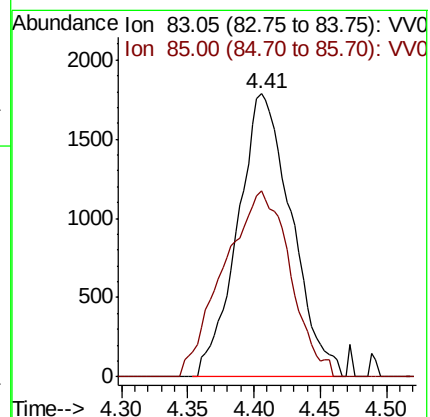
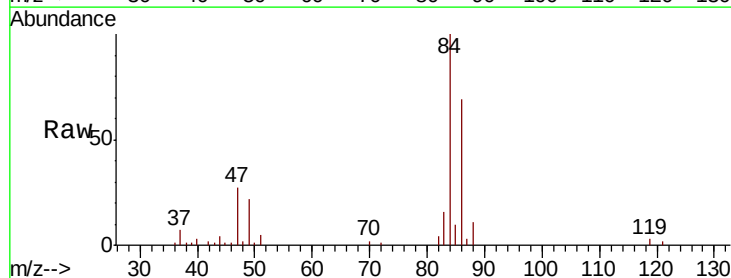
Acq: 13 May 2020 13:02

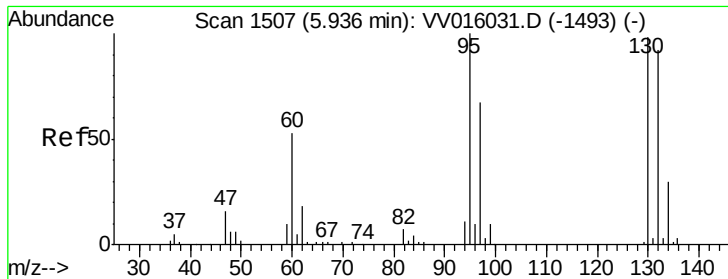
Tgt Ion: 83 Resp: 5067

Ion Ratio Lower Upper

83 100

85 65.8 45.7 84.9

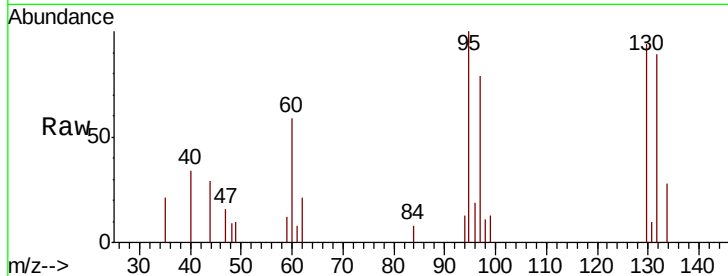




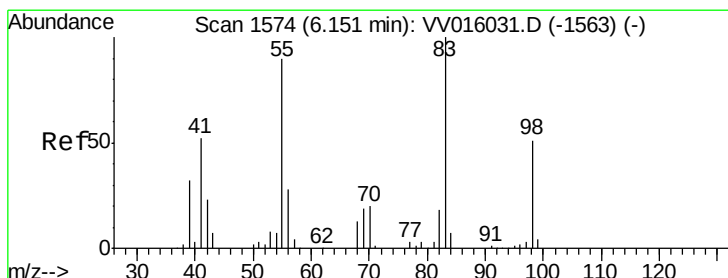
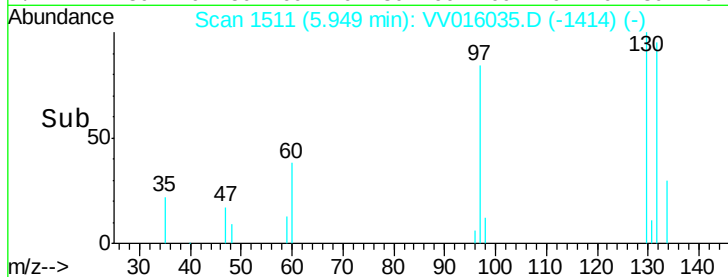
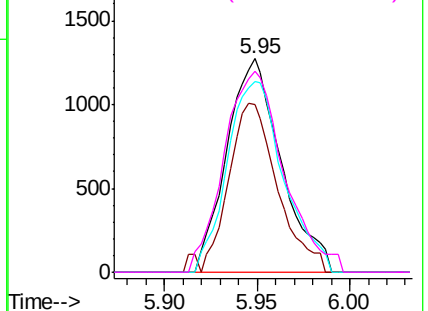
#34
 Trichloroethene
 Concen: 0.250 ug/L
 RT: 5.95 min Scan# 1511
 Delta R.T. 0.01 min
 Lab File: VV016035.D
 Acq: 13 May 2020 13:02

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 95 Resp: 2605
 Ion Ratio Lower Upper
 95 100
 97 78.6 43.3 80.5
 132 89.1 60.3 112.1
 130 94.0 66.0 122.6

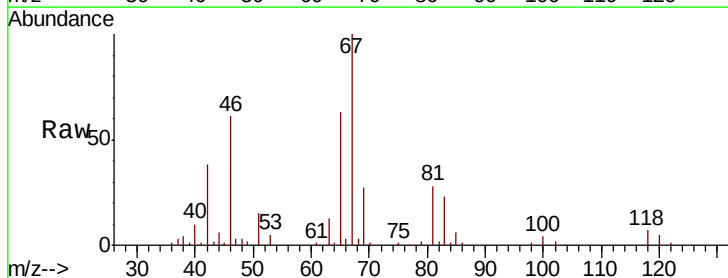


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

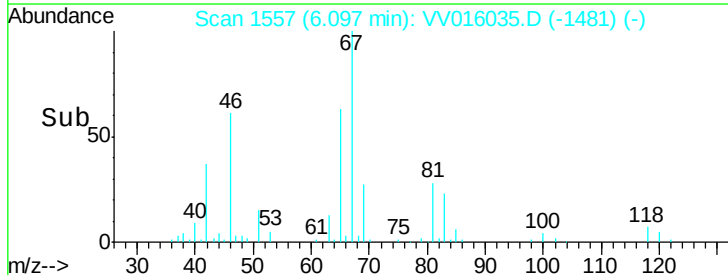
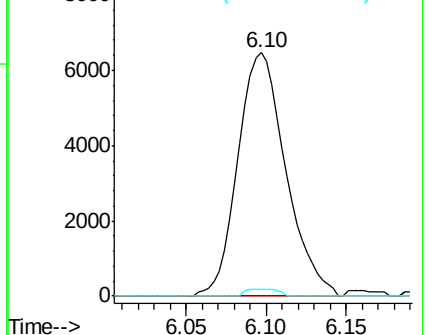


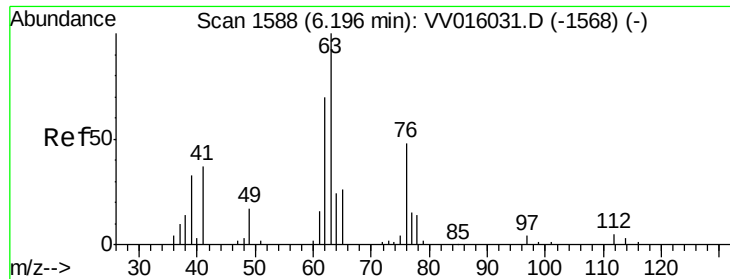
#35
 Methylcyclohexane
 Concen: 0.841 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV016035.D
 Acq: 13 May 2020 13:02

Tgt Ion: 83 Resp: 13247
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.2#
 98 1.9 37.9 56.9#



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

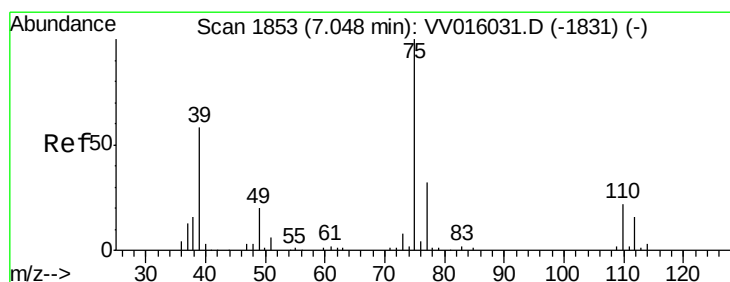
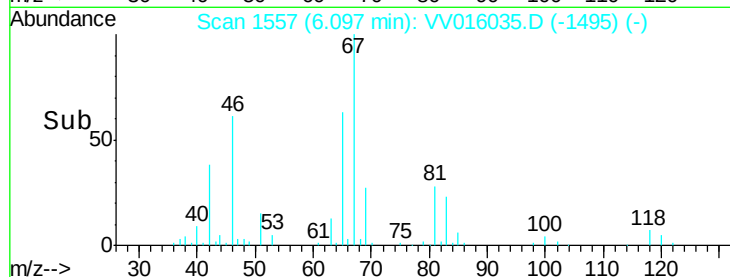
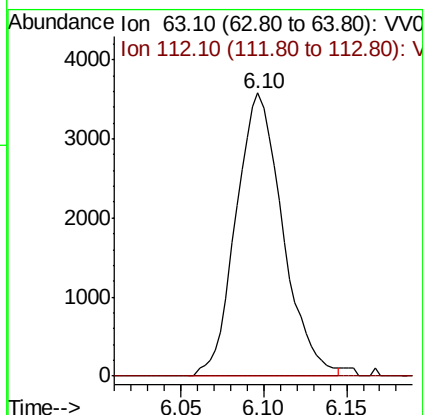
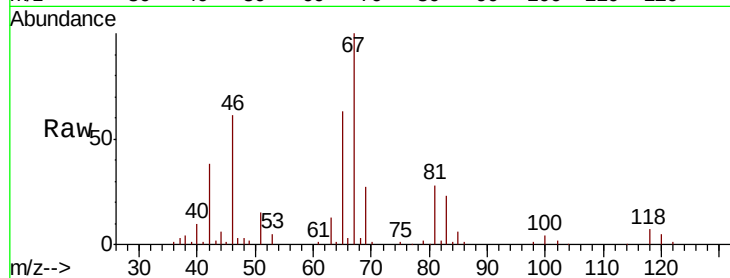




#37
 1,2-Dichloropropane
 Concen: 0.757 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016035.D
 Acq: 13 May 2020 13:02

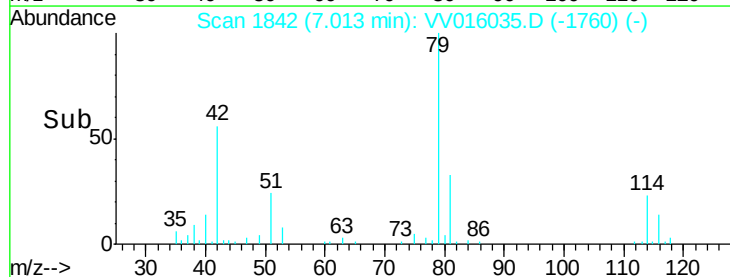
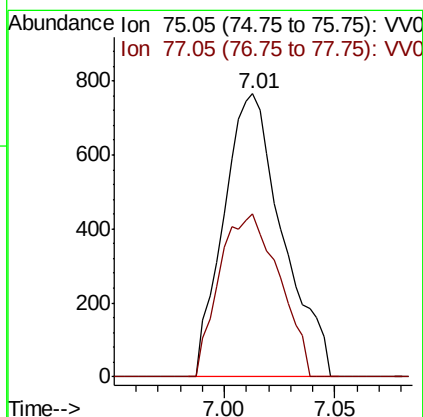
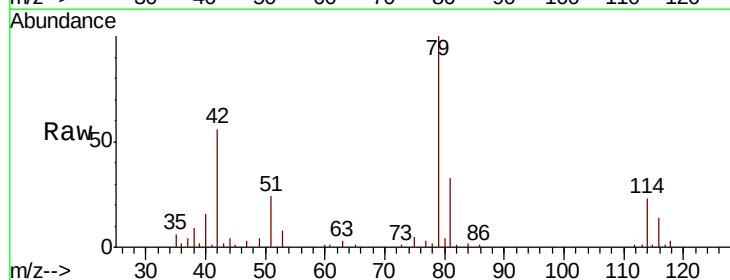
Instrument :
 MSVOA_V
 ClientSampleId :

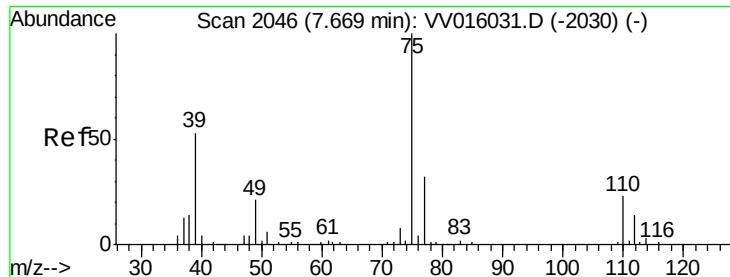
Tot Ion: 63 Resp: 7020
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.108 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016035.D
 Acq: 13 May 2020 13:02

Tgt Ion: 75 Resp: 1416
 Ion Ratio Lower Upper
 75 100
 77 57.4 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016035.D

Acq: 13 May 2020 13:02

Instrument :

MSVOA_V

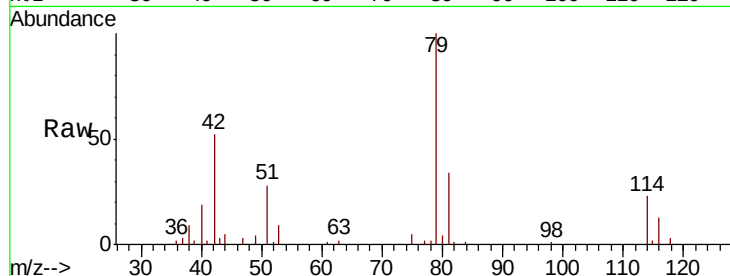
ClientSampled :

Tot Ion: 75 Resp: 869

Ion Ratio Lower Upper

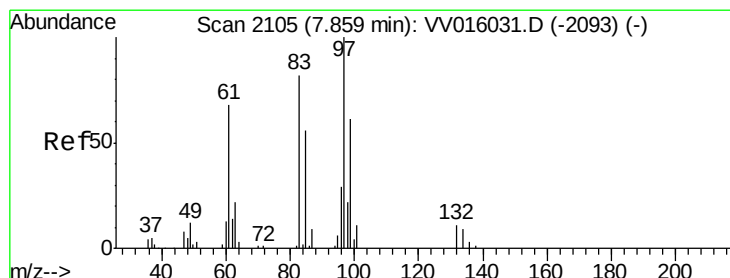
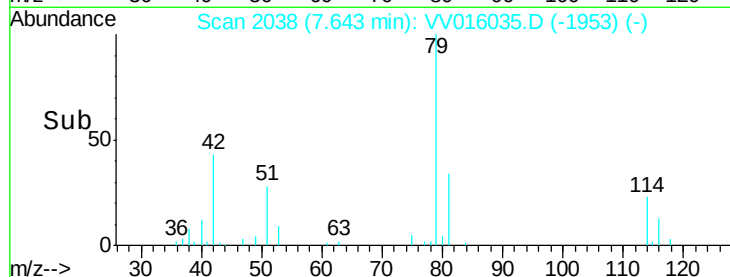
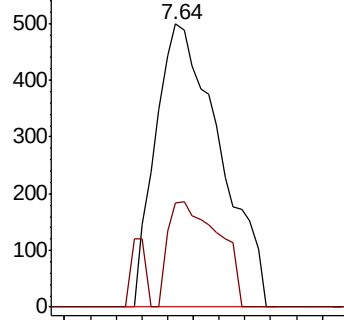
75 100

77 36.9 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

1,1,2-Trichloroethane

Concen: 0.104 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.14 min

Lab File: VV016035.D

Acq: 13 May 2020 13:02

Tgt Ion: 97 Resp: 644

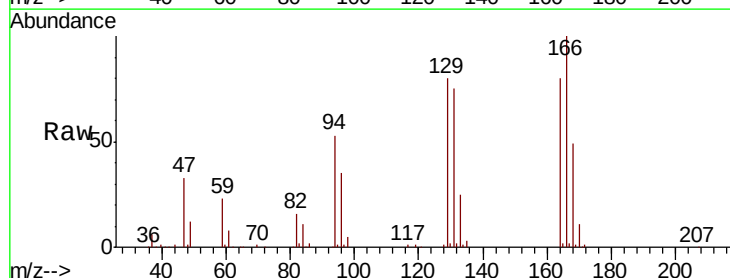
Ion Ratio Lower Upper

97 100

99 0.0 42.1 78.1#

83 262.1 59.2 110.0#

85 46.4 38.6 71.8

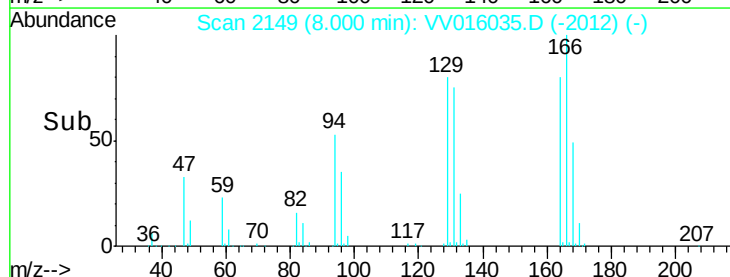
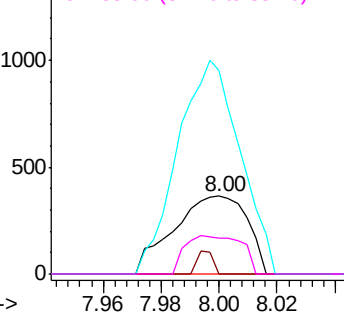


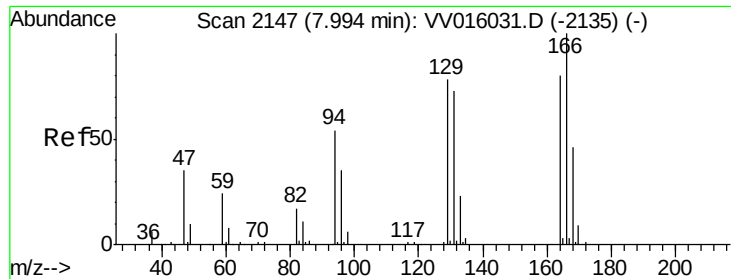
Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0





#49

Tetrachloroethene

Concen: 8.446 ug/L

RT: 8.00 min Scan# 2148

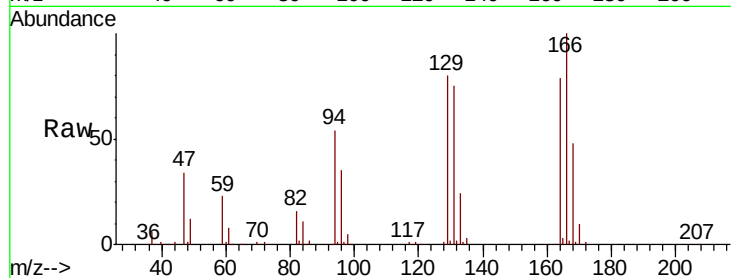
Delta R.T. 0.00 min

Lab File: VV016035.D

Acq: 13 May 2020 13:02

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164	Resp:	61367
Ion Ratio	Lower	Upper
164 100		
129 100.8	69.7	129.4
131 94.9	66.8	124.2
166 126.6	89.1	165.5

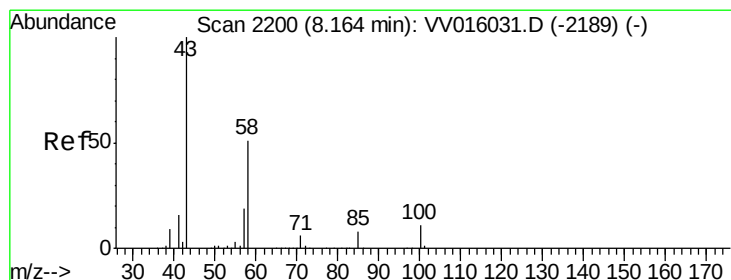
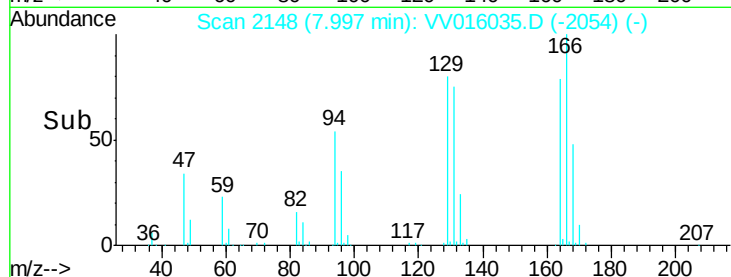
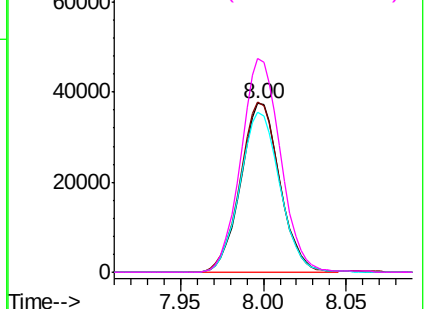


Abundance Ion 163.90 (163.60 to 164.60): V

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



#50

2-Hexanone

Concen: 3.178 ug/L

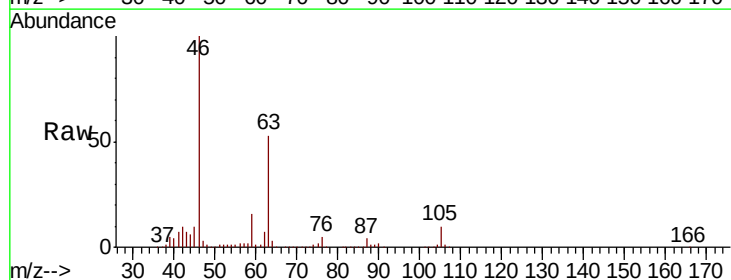
RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016035.D

Acq: 13 May 2020 13:02

Tgt	Ion: 43	Resp:	12983
Ion	Ratio	Lower	Upper
43	100		
58	42.1	40.8	61.2
57	28.9	14.7	22.1#
100	0.0	9.0	13.6#

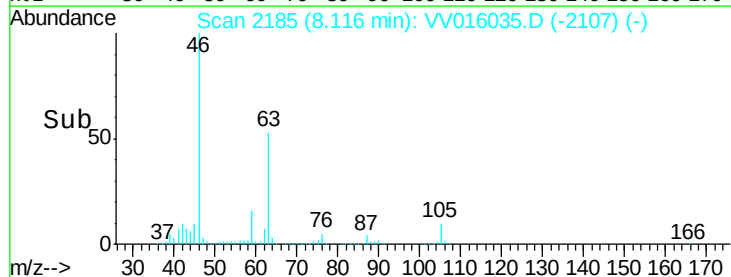
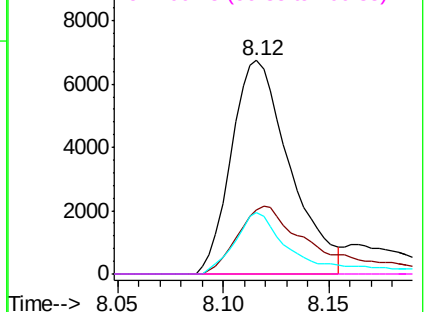


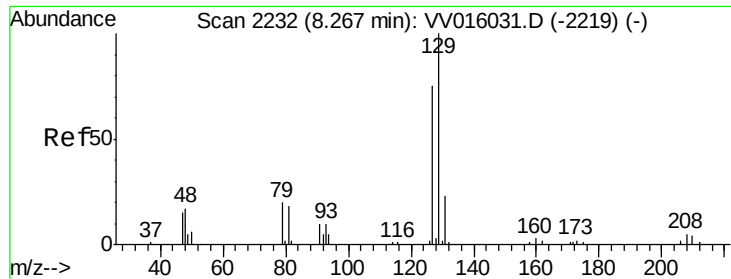
Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0





#51

Dibromochloromethane

Concen: 8.829 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV016035.D

Acq: 13 May 2020 13:02

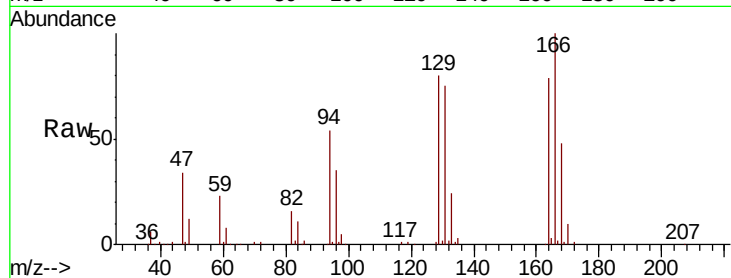
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 61410

Ion Ratio Lower Upper

129 100

127 0.0 56.0 104.0#



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

