

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006933.D
 Acq On : 08 Aug 2018 14:57
 Operator : SY/MD
 Sample : J4357-18
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 09 07:07:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	206198	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	200160	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	78090	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	83760	6.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	135.40%#
7) Chloroethane-d5	1.58	69	62904	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.13	63	109105	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	3.97	46	211580	53.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.26%
24) Chloroform-d	4.41	84	133011	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	70693	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.11	84	262853	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.12	67	91714	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.37	98	207463	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.67	79	27839	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.15	63	117604	49.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	64103	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	66515	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

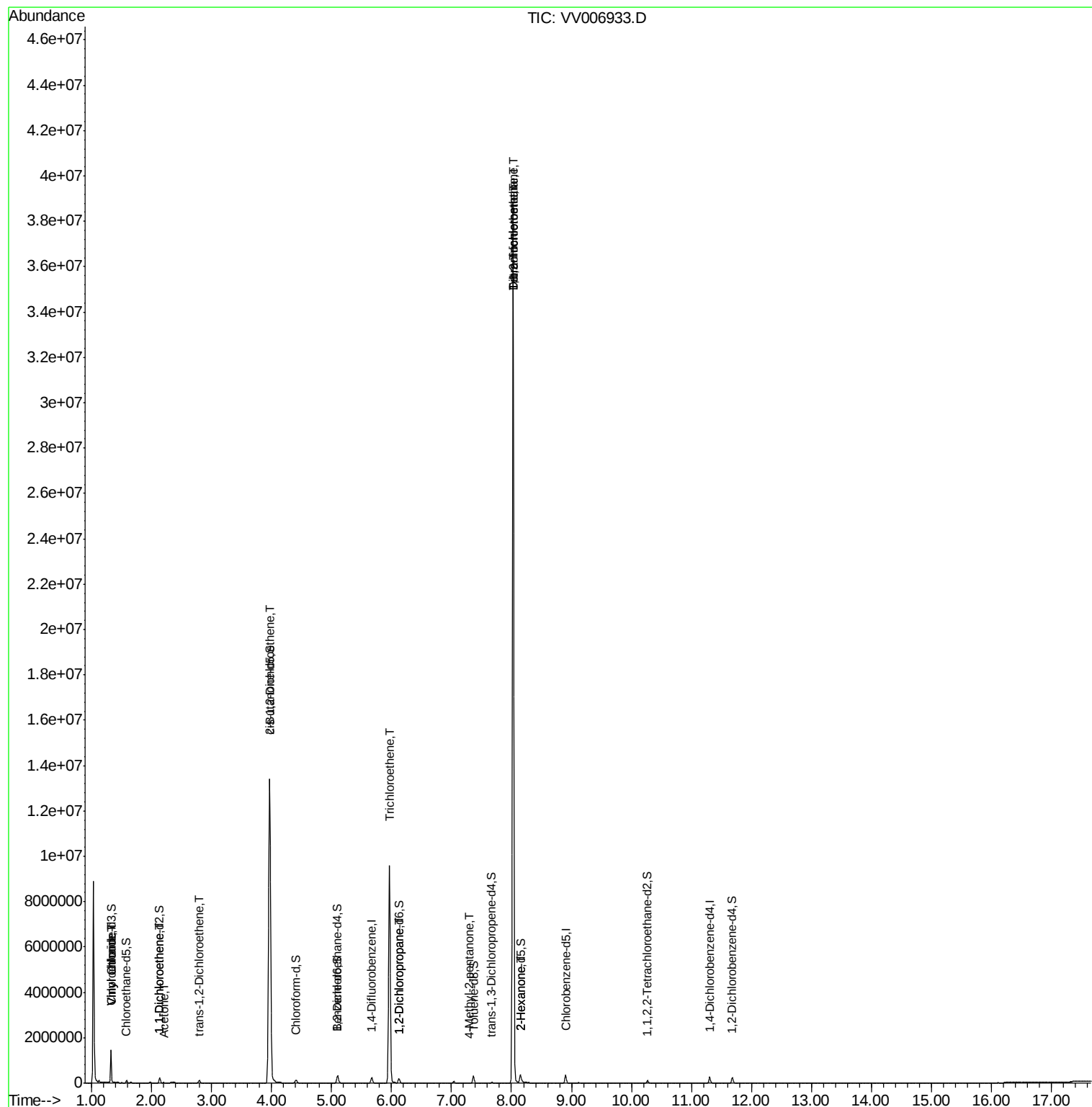
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	816546	42.128	ug/L	99
8) Chloroethane	1.32	64	256424	20.995	ug/L #	43
12) 1,1-Dichloroethene	2.15	96	16207	1.188	ug/L #	15
13) Acetone	2.21	43	9045	3.513	ug/L	80
18) trans-1,2-Dichloroethene	2.79	96	36940	2.494	ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	7234670	488.220	ug/L	98
34) Trichloroethene	5.96	95	3295396	229.440	ug/L	99
37) 1,2-Dichloropropane	6.12	63	9777	0.570	ug/L #	89
40) 4-Methyl-2-pentanone	7.29	43	2072	0.216	ug/L #	72
45) 1,1,2-Trichloroethane	8.03	97	72729	6.757	ug/L #	1
47) Tetrachloroethene	8.03	164	8508208	778.565	ug/L	97
48) 2-Hexanone	8.15	43	16603	2.478	ug/L #	90
49) Dibromochloromethane	8.03	129	7828126	687.364	ug/L #	9

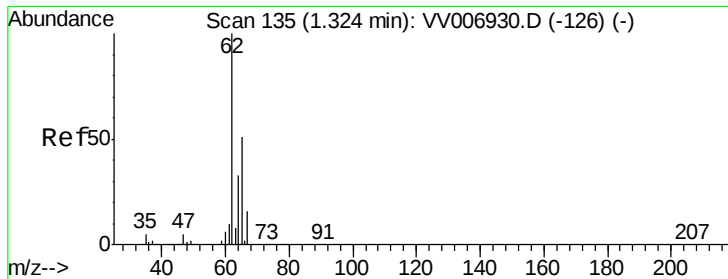
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 09 07:05:51 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 42.128 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Instrument :

MSVOA_V

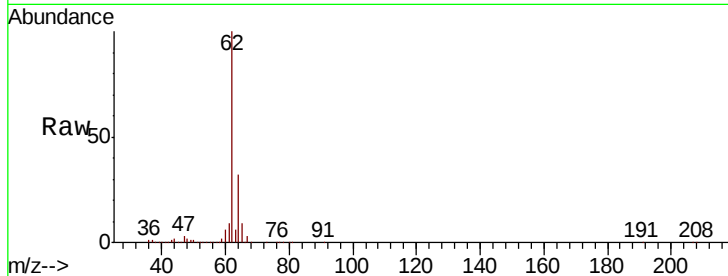
ClientSampleId :

Tot Ion: 62 Resp: 816546

Ion Ratio Lower Upper

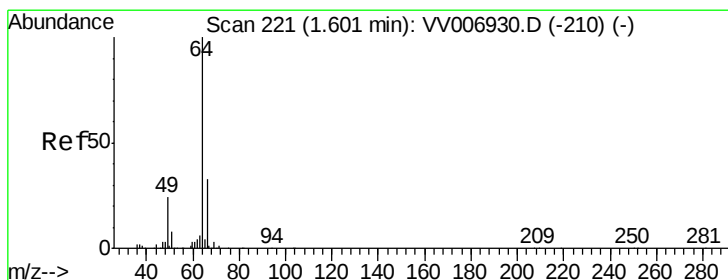
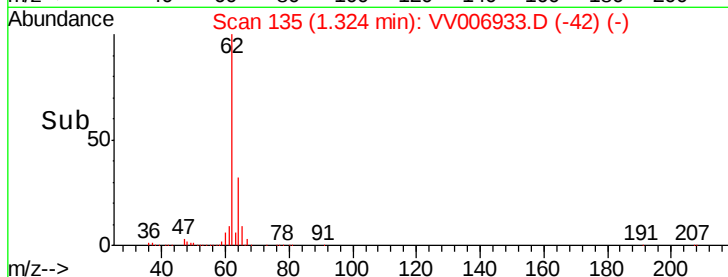
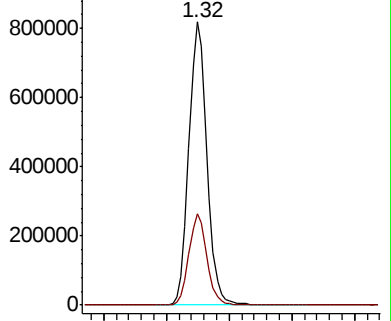
62 100

64 32.1 22.1 41.1



Abundance Ion 62.00 (61.70 to 62.70): VV006933.D (-126) (-)

Ion 64.10 (63.80 to 64.80): VV006933.D (-126) (-)



#8

Chloroethane

Concen: 20.995 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.28 min

Lab File: VV006933.D

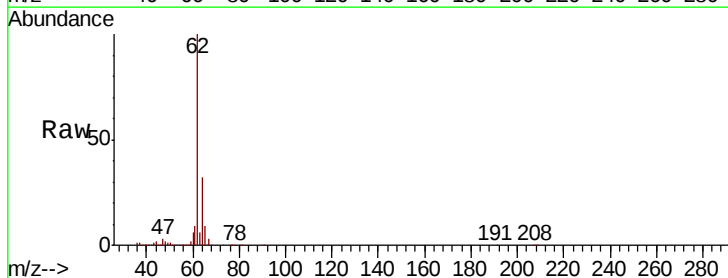
Acq: 08 Aug 2018 14:57

Tgt Ion: 64 Resp: 256424

Ion Ratio Lower Upper

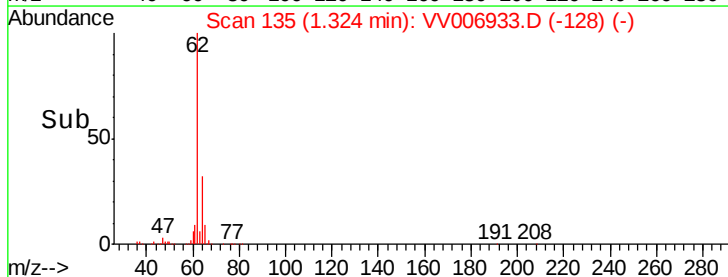
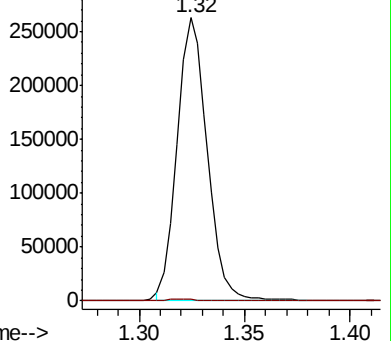
64 100

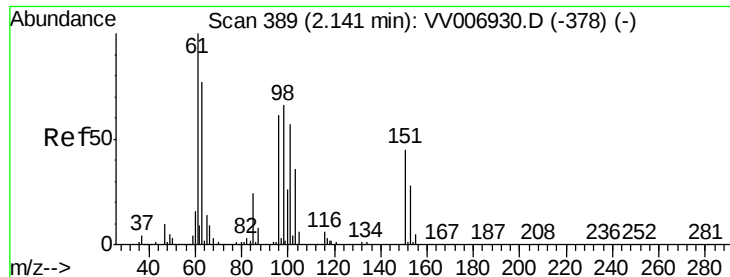
66 0.6 22.6 42.0#



Abundance Ion 64.10 (63.80 to 64.80): VV006933.D (-210) (-)

Ion 66.05 (65.75 to 66.75): VV006933.D (-210) (-)





#12

1,1-Dichloroethene

Concen: 1.188 ug/L

RT: 2.15 min Scan# 391

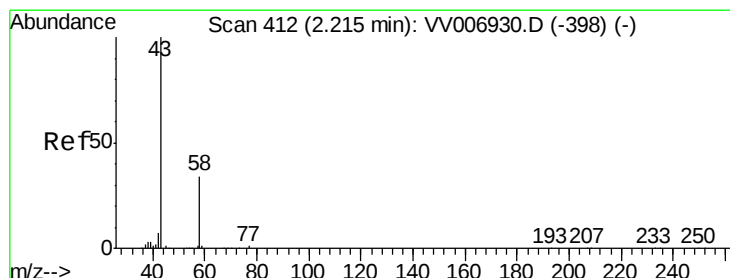
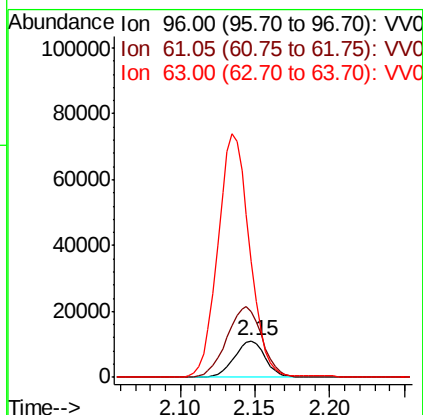
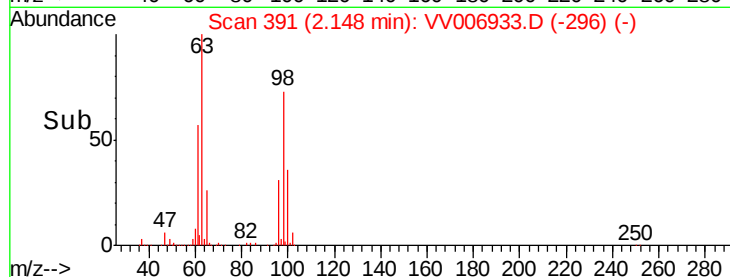
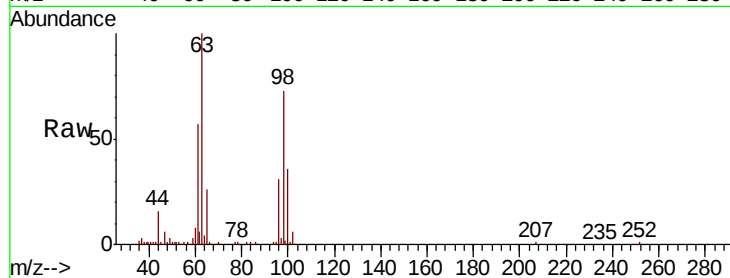
Delta R.T. 0.01 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 16207
Ion Ratio Lower Upper
96 100
61 181.8 119.0 221.0
63 319.2 73.6 136.6#



#13

Acetone

Concen: 3.513 ug/L

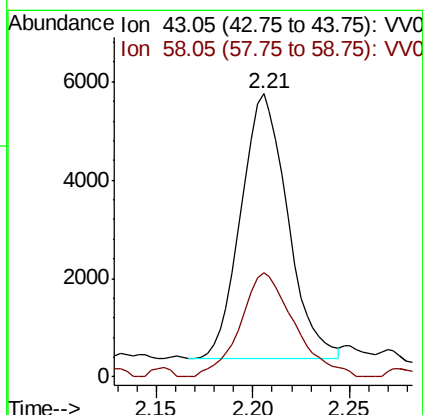
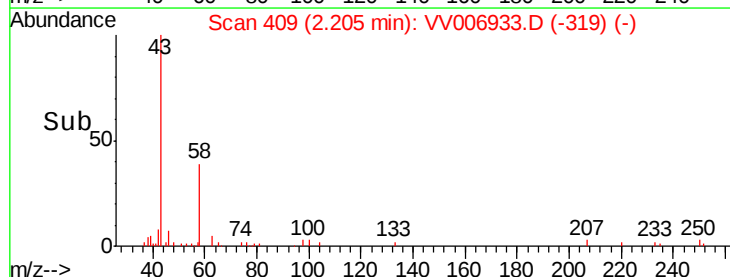
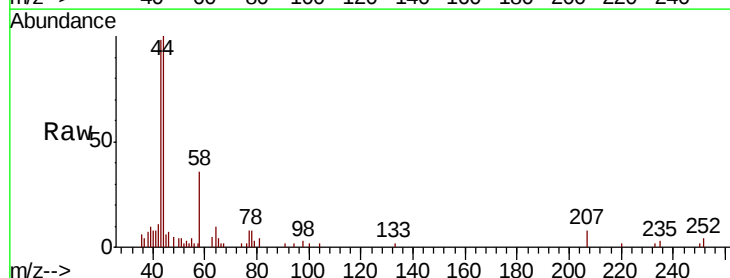
RT: 2.21 min Scan# 409

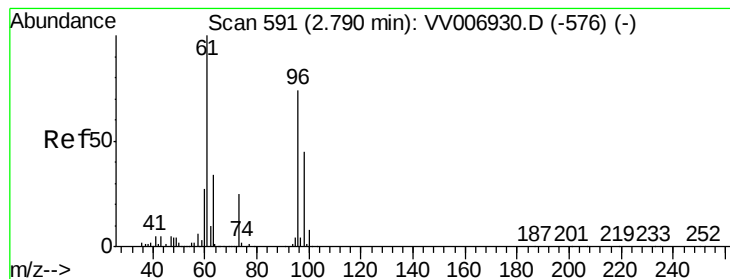
Delta R.T. -0.01 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Tgt Ion: 43 Resp: 9045
Ion Ratio Lower Upper
43 100
58 45.5 0.0 68.0





#18

trans-1,2-Dichloroethene

Concen: 2.494 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Instrument :

MSVOA_V

ClientSampleId :

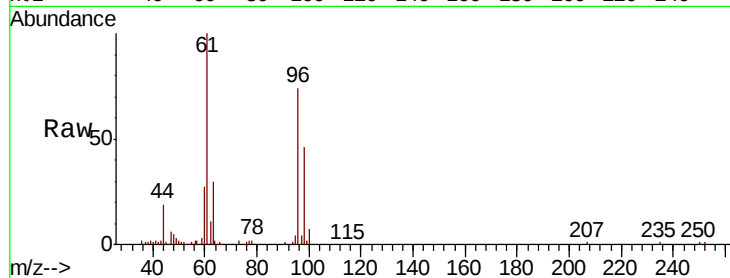
Tot Ion: 96 Resp: 36940

Ion Ratio Lower Upper

96 100

61 135.8 97.3 180.7

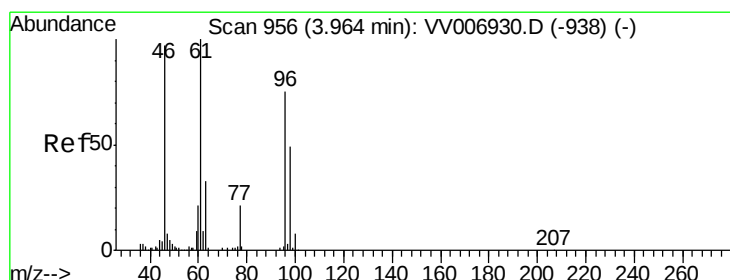
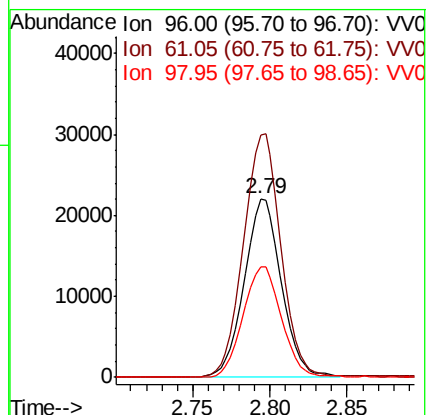
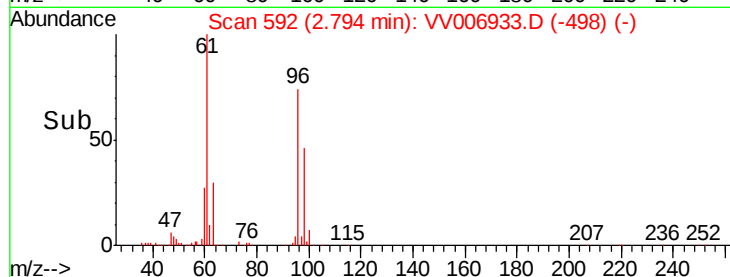
98 61.9 42.8 79.6



Abundance Ion 96.00 (95.70 to 96.70): VV006933.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006933.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006933.D (-498) (-)



#22

cis-1,2-Dichloroethene

Concen: 488.220 ug/L

RT: 3.97 min Scan# 958

Delta R.T. 0.01 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

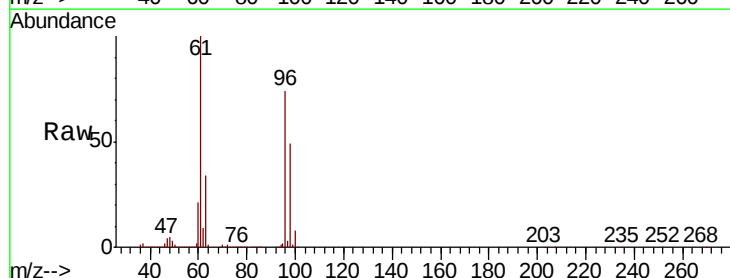
Tgt Ion: 96 Resp: 7234670

Ion Ratio Lower Upper

96 100

61 134.4 95.5 177.4

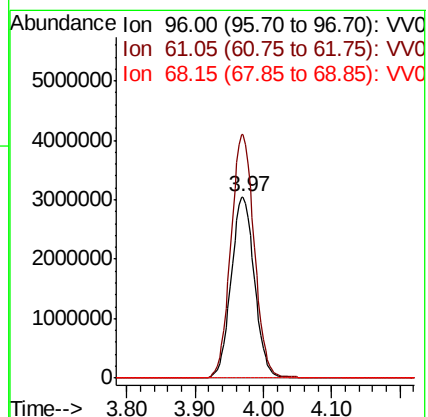
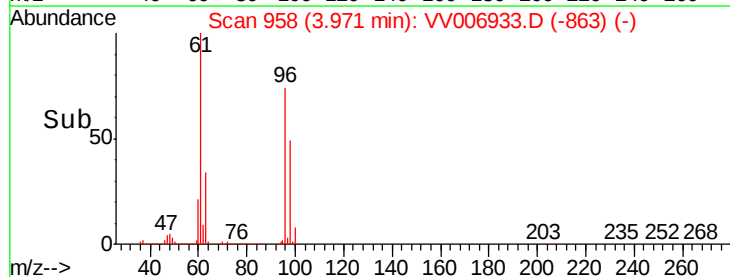
68 0.0 0.0 0.0

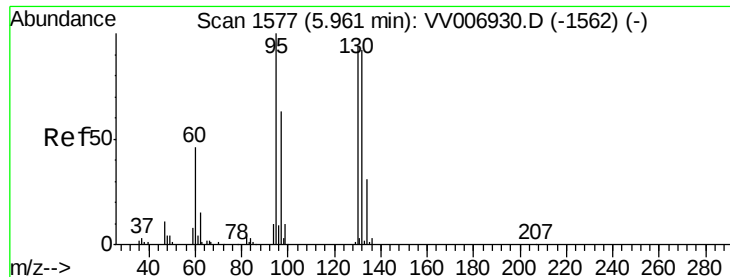


Abundance Ion 96.00 (95.70 to 96.70): VV006933.D (-863) (-)

Ion 61.05 (60.75 to 61.75): VV006933.D (-863) (-)

Ion 68.15 (67.85 to 68.85): VV006933.D (-863) (-)





#34

Trichloroethene

Concen: 229.440 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 95 Resp: 3295396

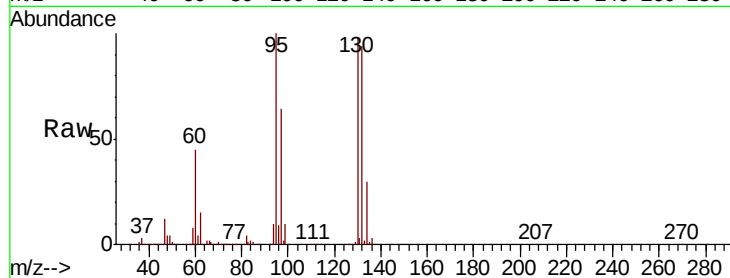
Ion	Ratio	Lower	Upper
95	100		
97	64.1	44.4	82.4
132	94.0	65.6	121.8
130	97.8	68.8	127.8

95 100

97 64.1 44.4 82.4

132 94.0 65.6 121.8

130 97.8 68.8 127.8

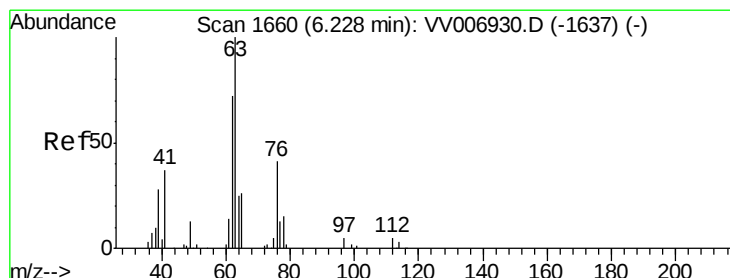
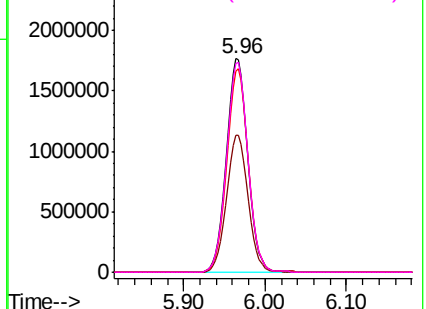
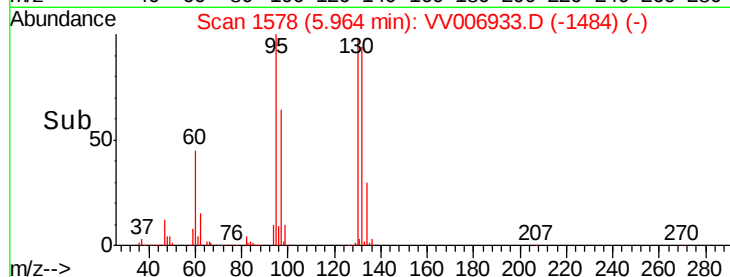


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006933.D

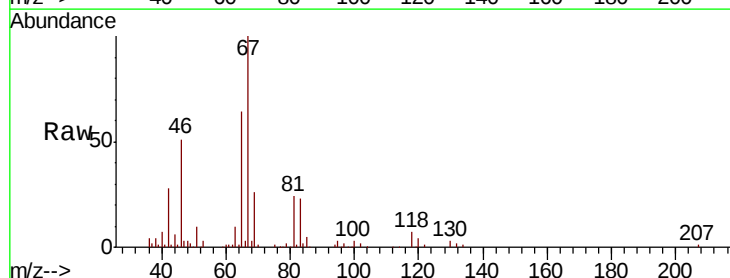
Acq: 08 Aug 2018 14:57

Tgt Ion: 63 Resp: 9777

Ion	Ratio	Lower	Upper
63	100		
112	0.7	3.5	5.3#

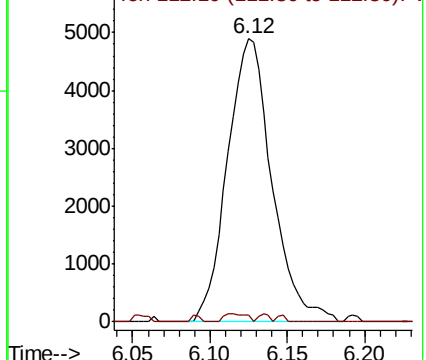
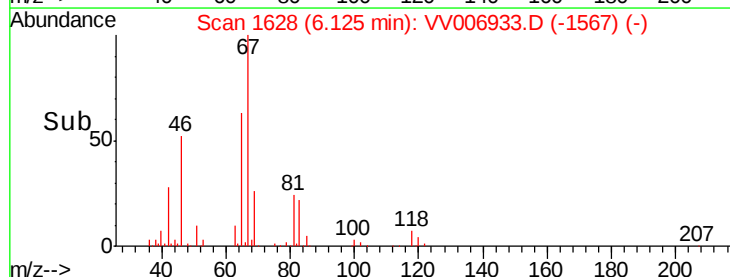
63 100

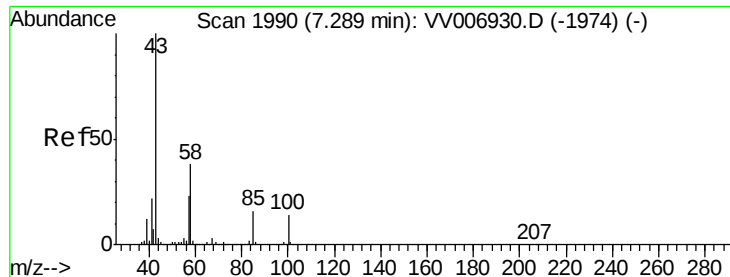
112 0.7 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

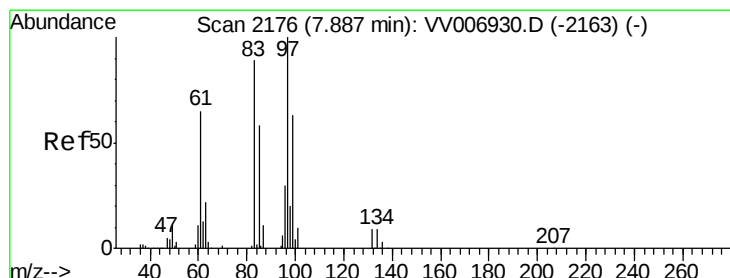
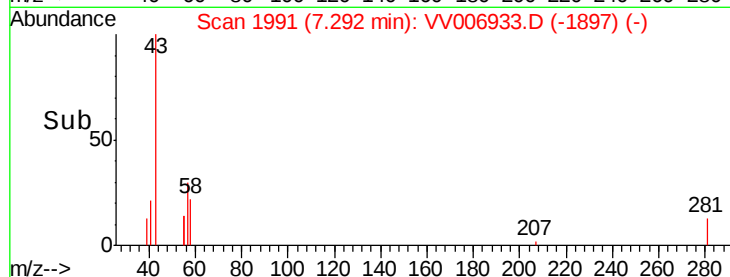
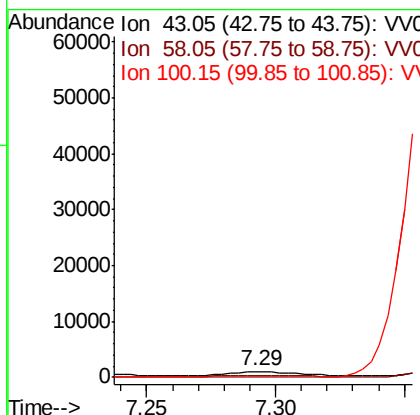
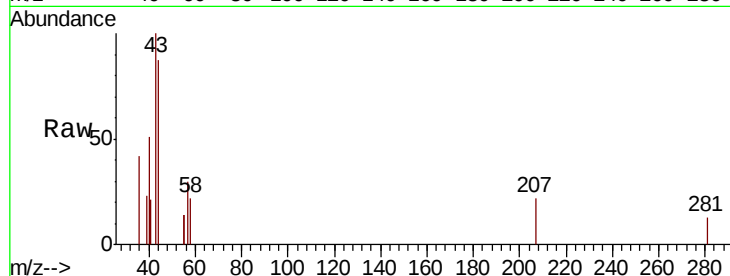




#40
4-Methyl-2-pentanone
Concen: 0.216 ug/L
RT: 7.29 min Scan# 1991
Delta R.T. 0.00 min
Lab File: VV006933.D
Acq: 08 Aug 2018 14:57

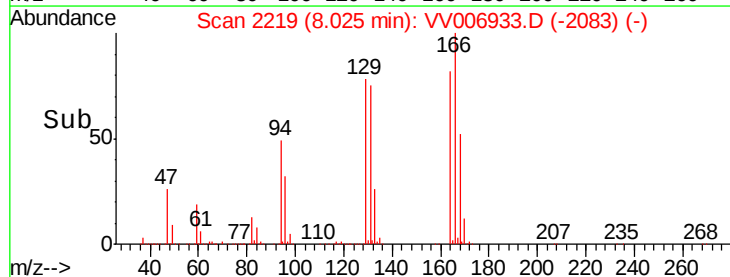
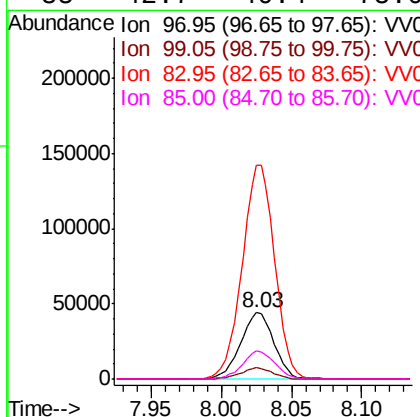
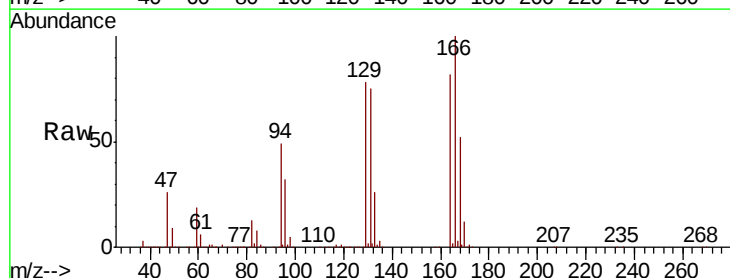
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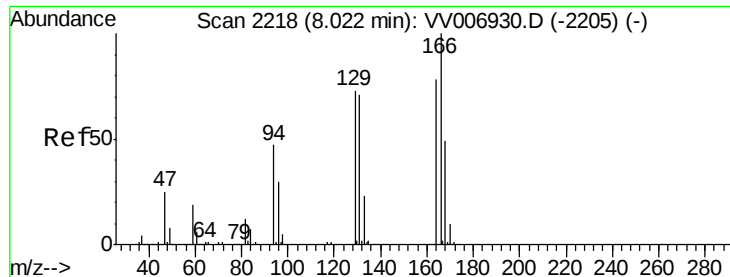
Tot Ion: 43 Resp: 2072
Ion Ratio Lower Upper
43 100
58 20.9 29.0 43.6#
100 0.0 10.5 15.7#



#45
1,1,2-Trichloroethane
Concen: 6.757 ug/L
RT: 8.03 min Scan# 2219
Delta R.T. 0.14 min
Lab File: VV006933.D
Acq: 08 Aug 2018 14:57

Tgt Ion: 97 Resp: 72729
Ion Ratio Lower Upper
97 100
99 16.8 44.7 82.9#
83 322.5 62.4 116.0#
85 42.7 40.4 75.0

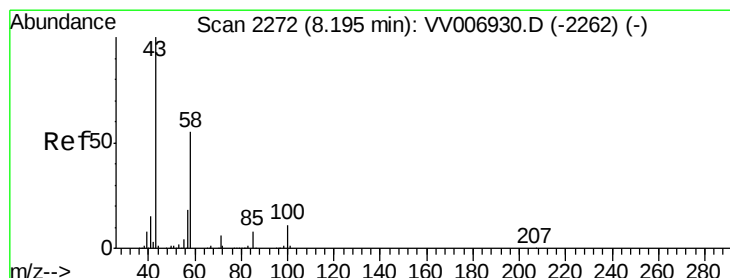
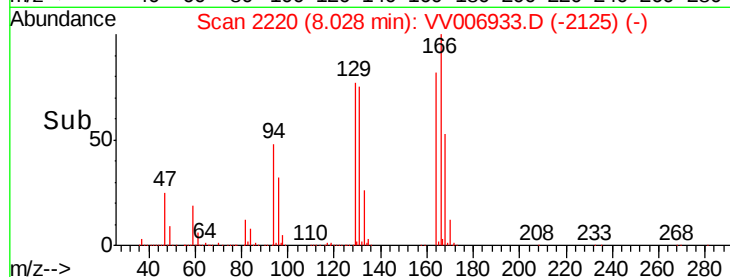
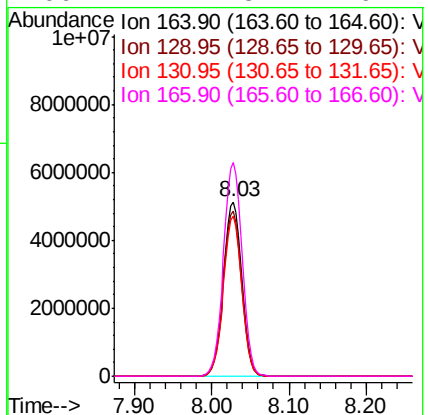
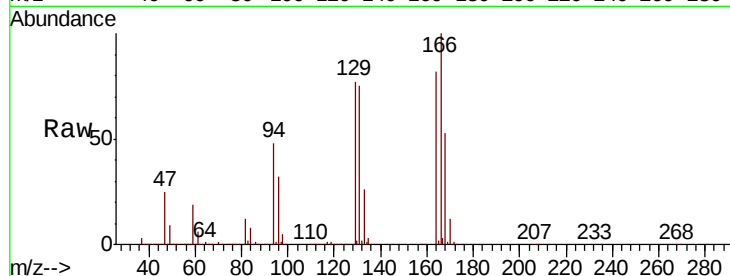




#47
Tetrachloroethene
Concen: 778.565 ug/L
RT: 8.03 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VV006933.D
Acq: 08 Aug 2018 14:57

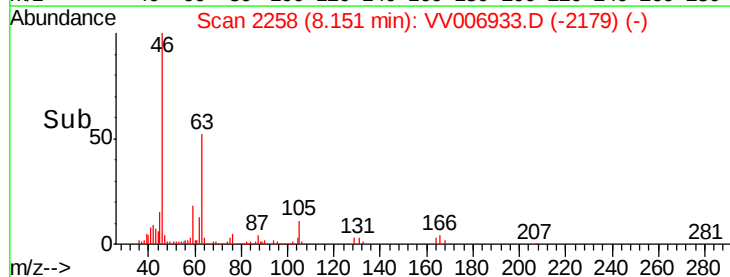
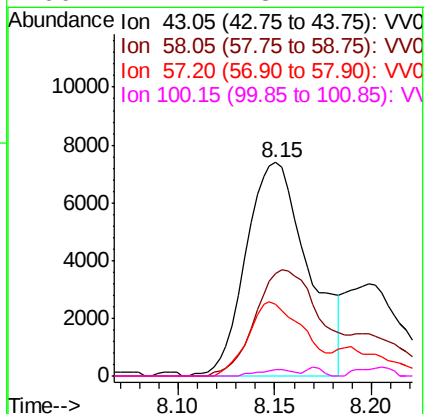
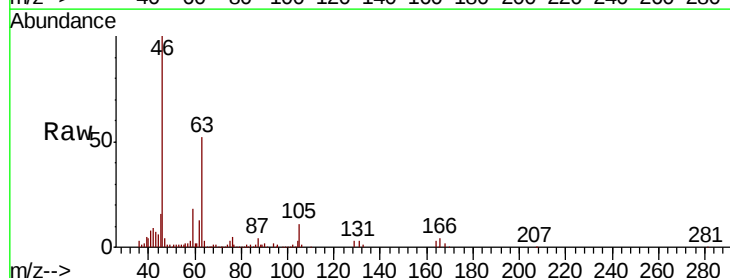
Instrument :
MSVOA_V
ClientSampleId :

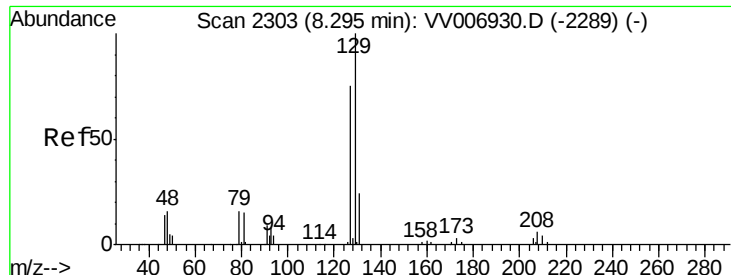
Tot Ion:164 Resp: 8508208
Ion Ratio Lower Upper
164 100
129 94.4 63.1 117.3
131 91.5 62.3 115.7
166 122.4 87.4 162.4



#48
2-Hexanone
Concen: 2.478 ug/L
RT: 8.15 min Scan# 2258
Delta R.T. -0.04 min
Lab File: VV006933.D
Acq: 08 Aug 2018 14:57

Tgt Ion: 43 Resp: 16603
Ion Ratio Lower Upper
43 100
58 53.1 42.0 63.0
57 30.7 14.1 21.1#
100 1.7 8.1 12.1#





#49

Dibromochloromethane

Concen: 687.364 ug/L

RT: 8.03 min Scan# 2220

Delta R.T. -0.27 min

Lab File: VV006933.D

Acq: 08 Aug 2018 14:57

Instrument :

MSVOA_V

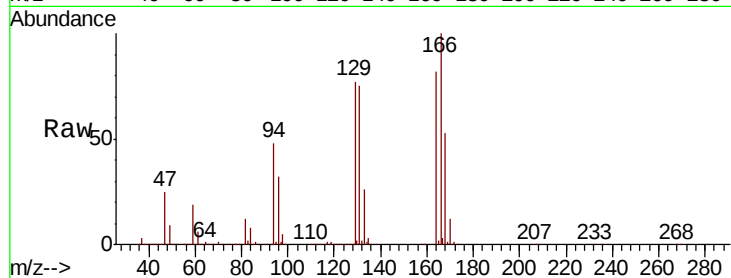
ClientSampleId :

Tot Ion:129 Resp: 7828126

Ion Ratio Lower Upper

129 100

127 0.0 57.0 105.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

