

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008783.D
 Acq On : 29 Nov 2018 23:49
 Operator : SY/MD
 Sample : J6076-22
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALT3

Quant Time: Nov 30 06:27:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	143714	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	135010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	59541	5.00	ug/L	0.00

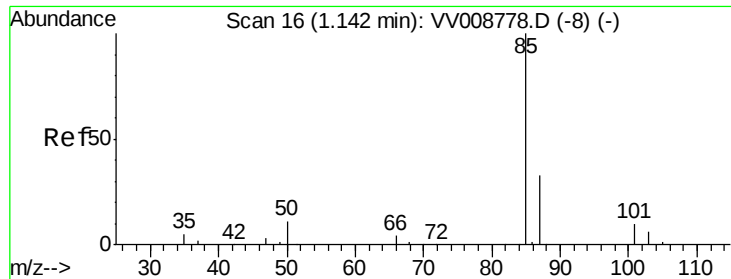
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46087	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.59	69	31925	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.14	63	62450	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.96	46	107794	48.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.82%
24) Chloroform-d	4.41	84	89461	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.09	65	46528	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	192313	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	56592	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.36	98	172040	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.67	79	17562	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.14	63	76956	44.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34159	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	59187	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	5985	0.471 ug/L #	88
13) Acetone	2.21	43	11472	10.337 ug/L	95
15) Methyl Acetate	2.47	43	416	0.140 ug/L #	50
35) Methylcyclohexane	6.12	83	13736	0.769 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6096	0.606 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	1140	0.086 ug/L #	58
47) Tetrachloroethene	8.02	164	6642	0.763 ug/L	95
49) Dibromochloromethane	8.02	129	6159	0.847 ug/L #	10

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



#2

Dichlorodifluoromethane

Concen: 0.471 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008783.D

Acq: 29 Nov 2018 23:49

Instrument :

MSVOA_V

ClientSampleId :

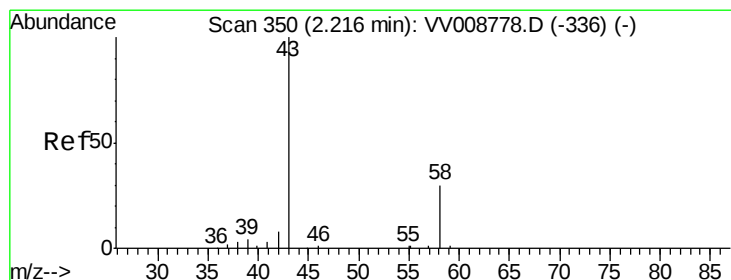
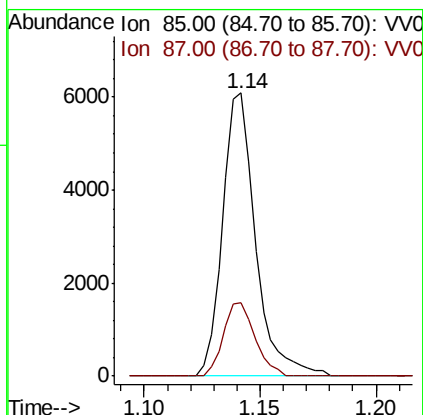
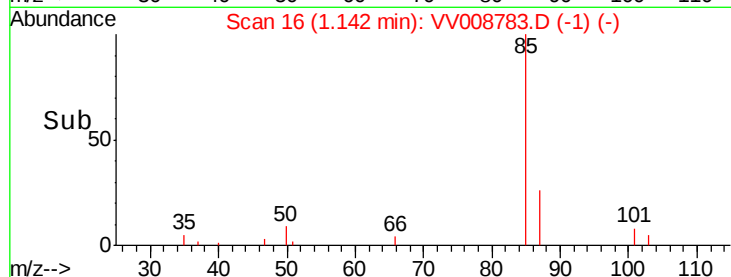
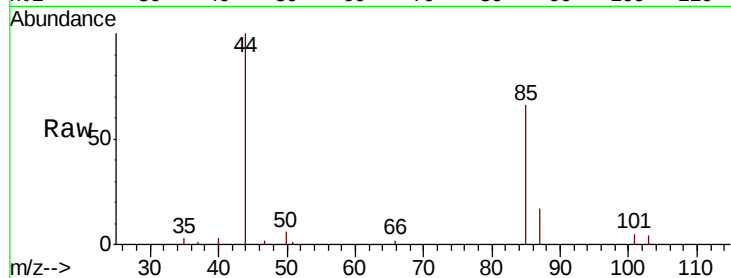
YALT3

Tgt Ion: 85 Resp: 5985

Ion Ratio Lower Upper

85 100

87 24.8 25.4 38.0#



#13

Acetone

Concen: 10.337 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV008783.D

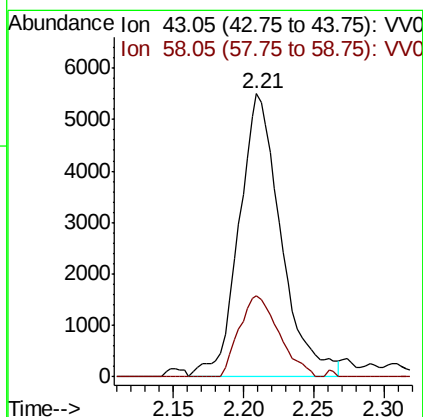
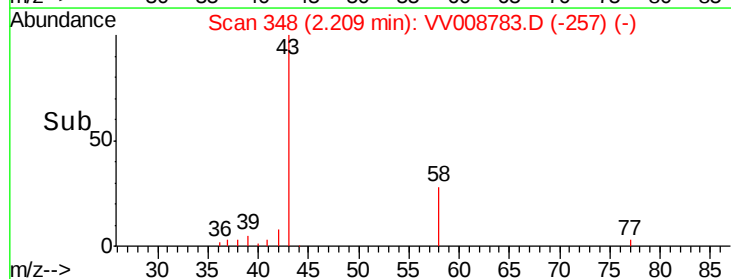
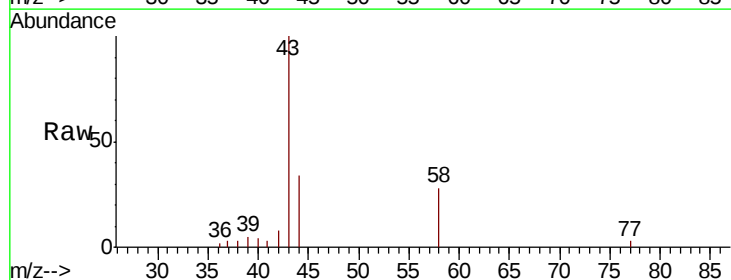
Acq: 29 Nov 2018 23:49

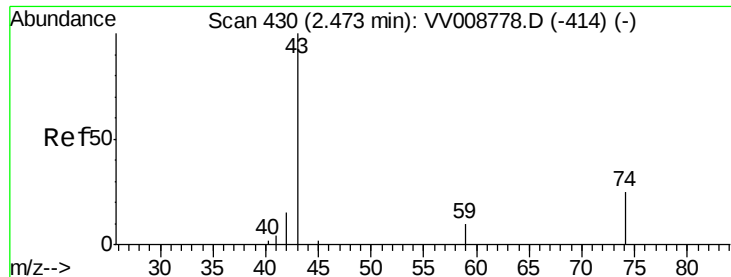
Tgt Ion: 43 Resp: 11472

Ion Ratio Lower Upper

43 100

58 27.2 0.0 59.8





#15

Methyl Acetate

Concen: 0.140 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV008783.D

Acq: 29 Nov 2018 23:49

Instrument :

MSVOA_V

ClientSampled :

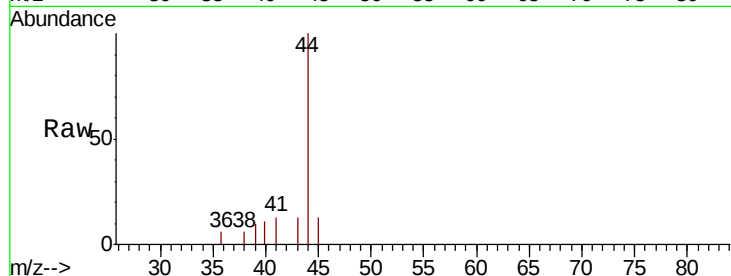
YALT3

Tgt Ion: 43 Resp: 416

Ion Ratio Lower Upper

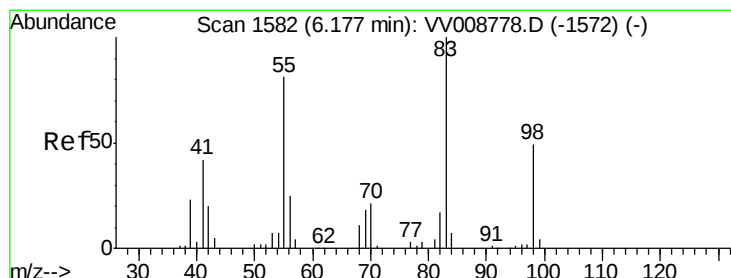
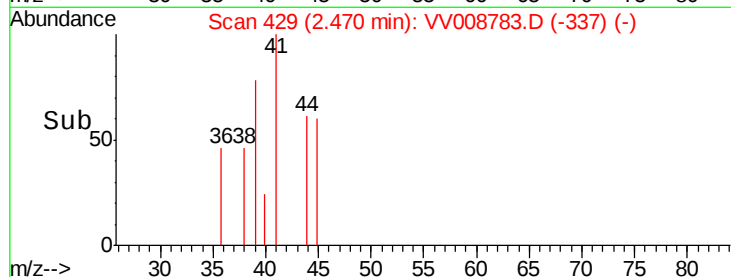
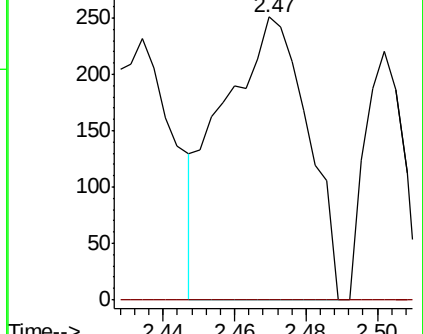
43 100

74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VV008778.D (-414) (-)



#35

Methylcyclohexane

Concen: 0.769 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.06 min

Lab File: VV008783.D

Acq: 29 Nov 2018 23:49

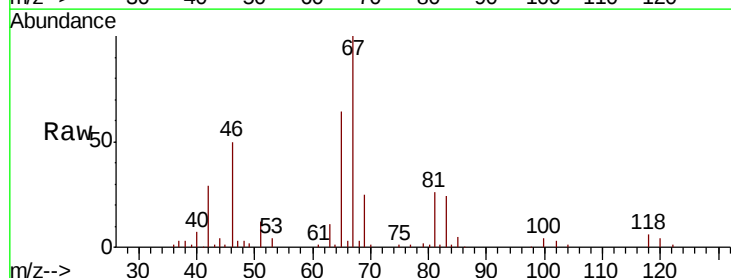
Tgt Ion: 83 Resp: 13736

Ion Ratio Lower Upper

83 100

55 0.1 60.1 90.1#

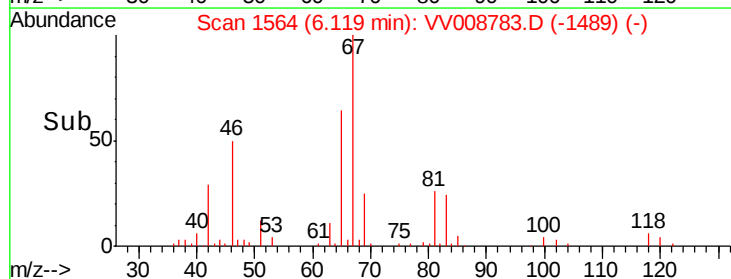
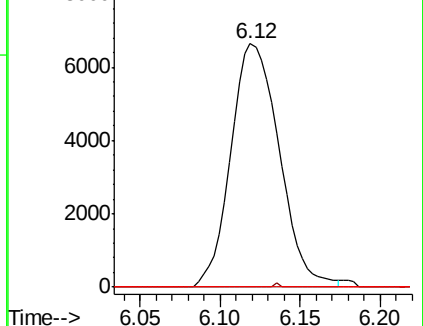
98 0.4 37.4 56.2#

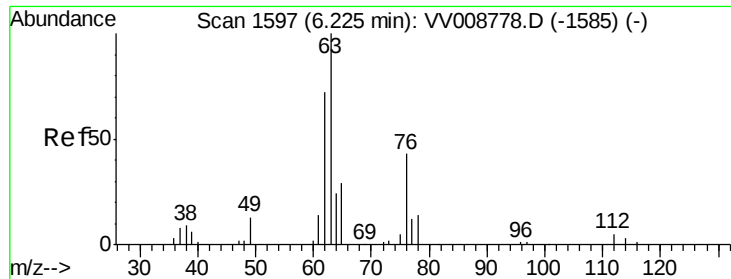


Abundance Ion 83.15 (82.85 to 83.85): VV008778.D (-1572) (-)

Ion 55.10 (54.80 to 55.80): VV008778.D (-1572) (-)

Ion 98.15 (97.85 to 98.85): VV008778.D (-1572) (-)

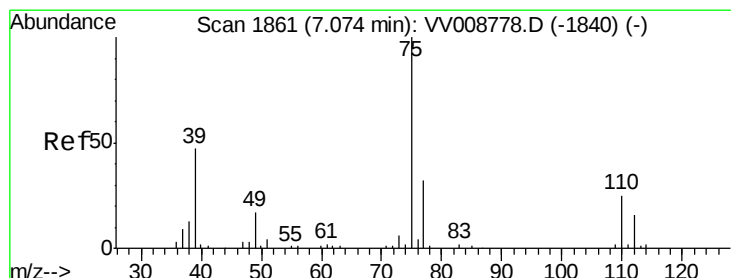
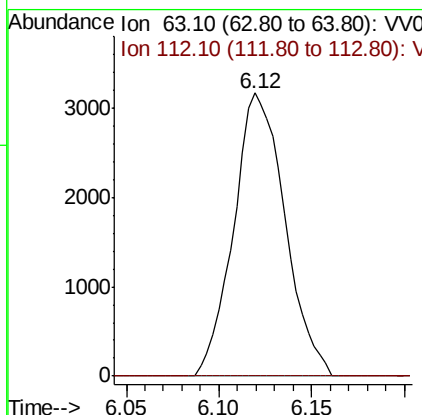
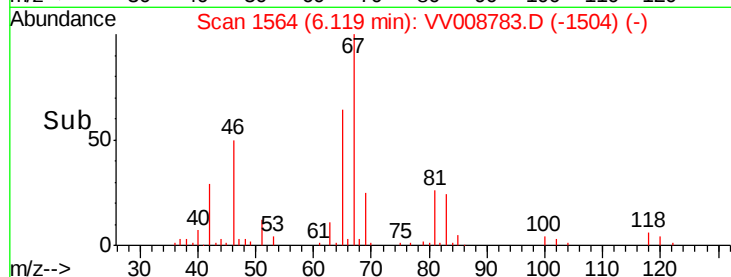
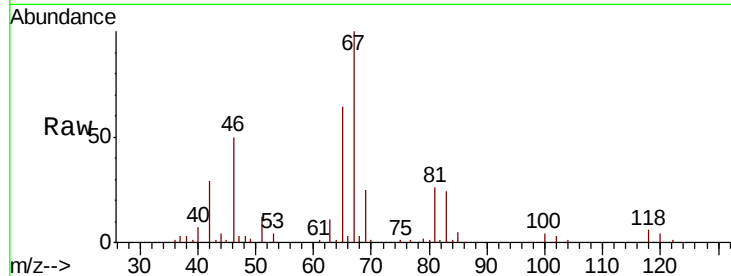




#37
 1,2-Dichloropropane
 Concen: 0.606 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: VV008783.D
 Acq: 29 Nov 2018 23:49

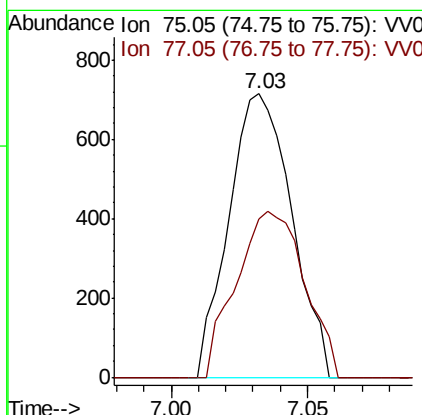
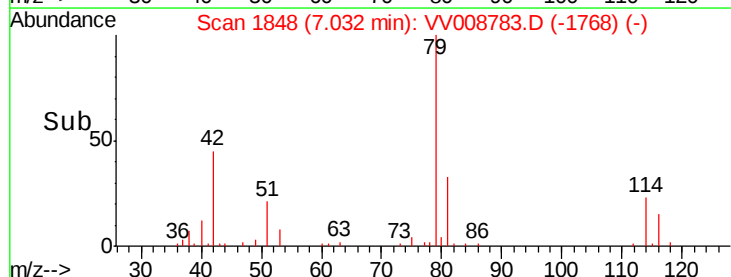
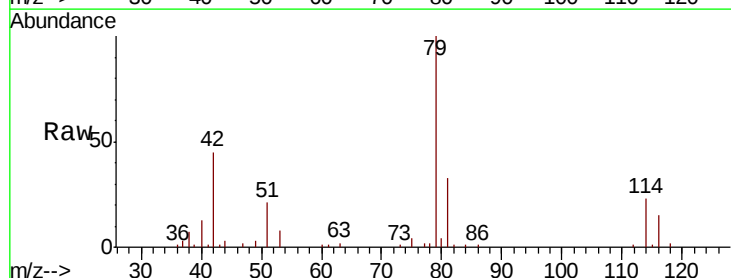
Instrument :
 MSVOA_V
 ClientSampleId :
 YALT3

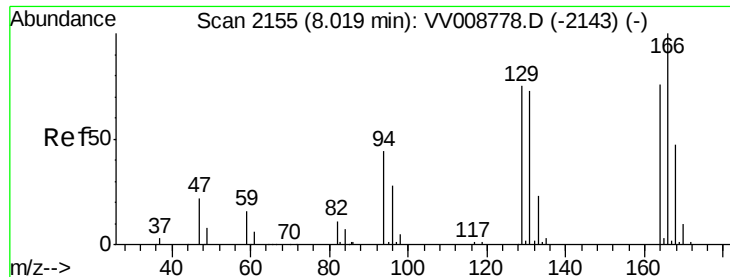
Tgt Ion: 63 Resp: 6096
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#39
 cis-1,3-Dichloropropene
 Concen: 0.086 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008783.D
 Acq: 29 Nov 2018 23:49

Tgt Ion: 75 Resp: 1140
 Ion Ratio Lower Upper
 75 100
 77 55.9 22.8 42.4#





#47

Tetrachloroethene

Concen: 0.763 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008783.D

Acq: 29 Nov 2018 23:49

Instrument :
MSVOA_V
ClientSampleId :
YALT3

Tgt Ion:164 Resp: 6642

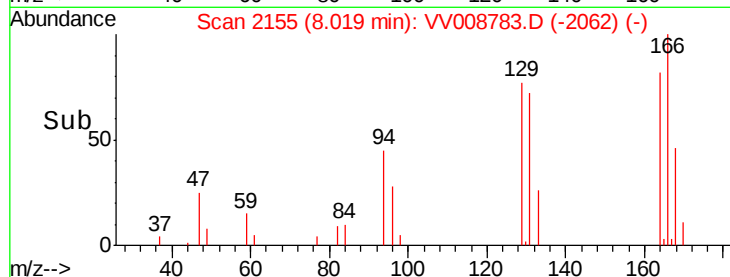
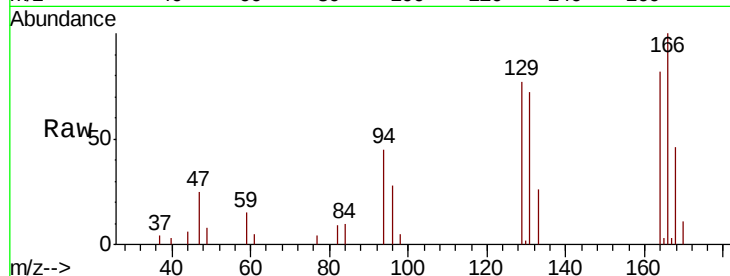
Ion Ratio Lower Upper

164 100

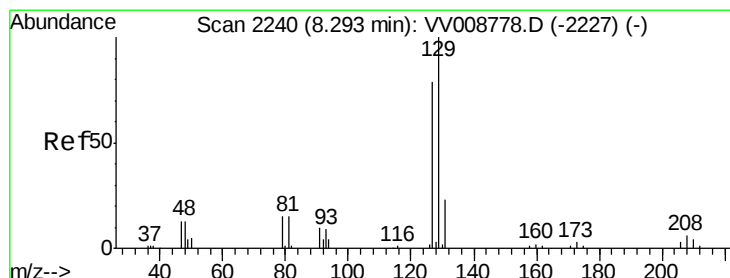
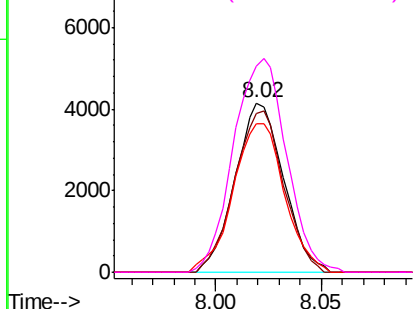
129 93.4 67.5 125.3

131 87.5 65.9 122.5

166 121.4 89.2 165.6



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: 0.847 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.27 min

Lab File: VV008783.D

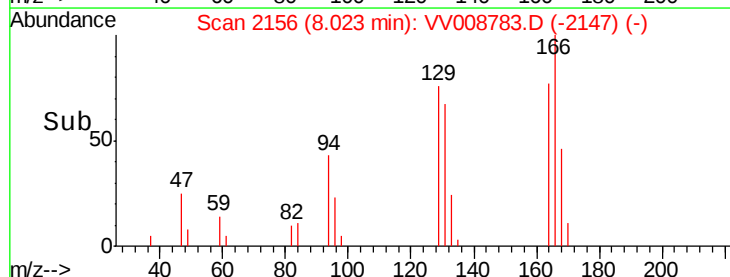
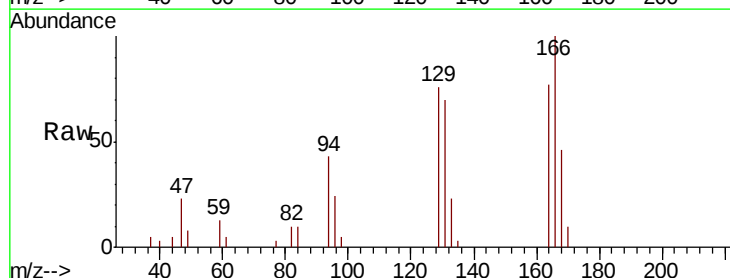
Acq: 29 Nov 2018 23:49

Tgt Ion:129 Resp: 6159

Ion Ratio Lower Upper

129 100

127 0.0 55.3 102.7#



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

