

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008784.D
 Acq On : 30 Nov 2018 00:15
 Operator : SY/MD
 Sample : J6076-23
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALT5

Quant Time: Nov 30 06:27:39 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	144566	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57167	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45398	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	1.59	69	31929	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.14	63	63534	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.96	46	103339	46.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.26%
24) Chloroform-d	4.41	84	90839	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
26) 1,2-Dichloroethane-d4	5.09	65	46179	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	194192	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	57646	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.36	98	172252	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	7.67	79	17229	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.14	63	77518	45.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	33200	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	58142	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	8575	0.670 ug/L	97
9) Trichlorofluoromethane	1.78	101	2478	0.174 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	1316	0.162 ug/L #	68
13) Acetone	2.21	43	1609	1.441 ug/L	99
16) Methylene chloride	2.54	84	1004	0.125 ug/L	85
22) cis-1,2-Dichloroethene	3.97	96	2185	0.199 ug/L	93
25) Chloroform	4.43	83	4222	0.224 ug/L	93
34) Trichloroethene	5.96	95	1289	0.115 ug/L #	84
35) Methylcyclohexane	6.12	83	13524	0.763 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	6185	0.619 ug/L #	87
38) Bromodichloromethane	6.56	83	1319	0.116 ug/L #	97
39) cis-1,3-Dichloropropene	7.03	75	1299	0.099 ug/L	90
47) Tetrachloroethene	8.02	164	13031	1.508 ug/L	95
49) Dibromochloromethane	8.30	129	2122	0.294 ug/L	89
61) Bromoform	9.78	173	945	0.305 ug/L #	95

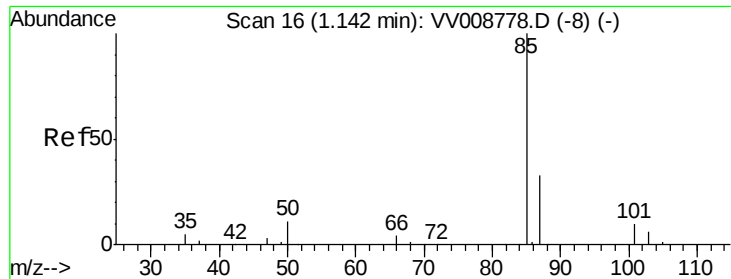
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
Data File : VV008784.D
Acq On : 30 Nov 2018 00:15
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 30 06:23:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



#2

Dichlorodifluoromethane

Concen: 0.670 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008784.D

Acq: 30 Nov 2018 00:15

Instrument :

MSVOA_V

ClientSampleId :

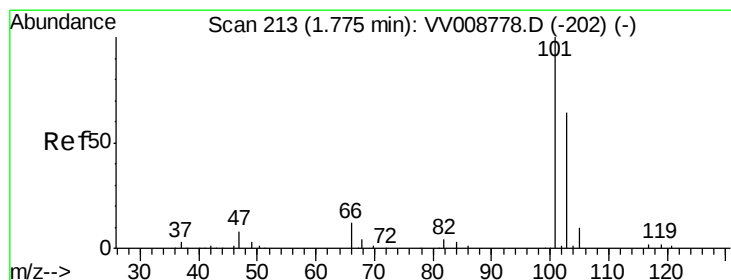
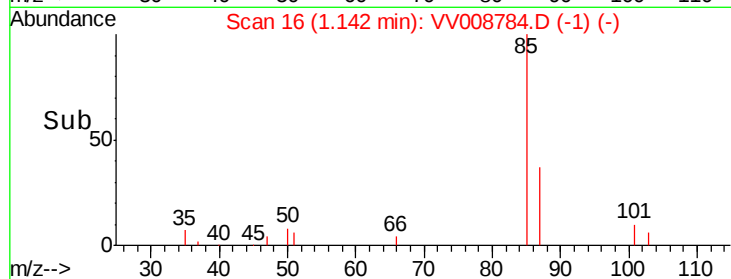
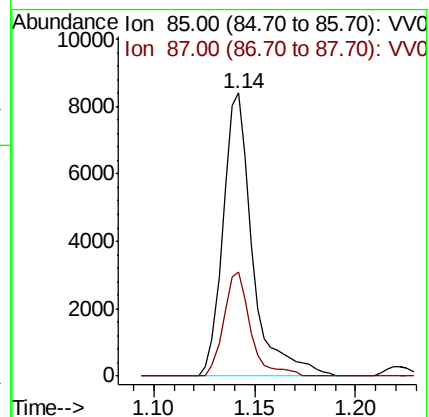
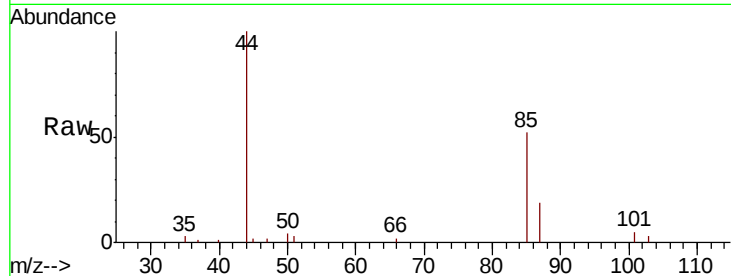
YALT5

Tgt Ion: 85 Resp: 8575

Ion Ratio Lower Upper

85 100

87 33.2 25.4 38.0



#9

Trichlorofluoromethane

Concen: 0.174 ug/L

RT: 1.78 min Scan# 213

Delta R.T. 0.00 min

Lab File: VV008784.D

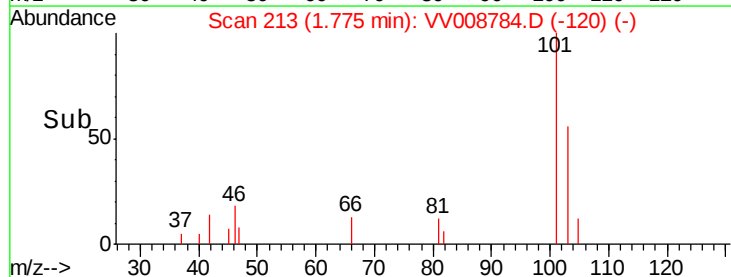
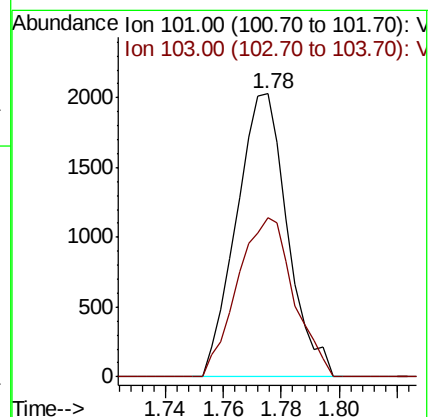
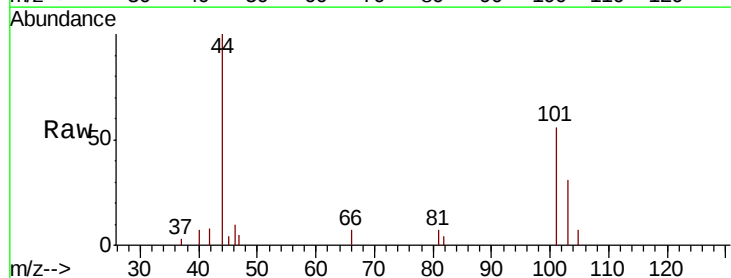
Acq: 30 Nov 2018 00:15

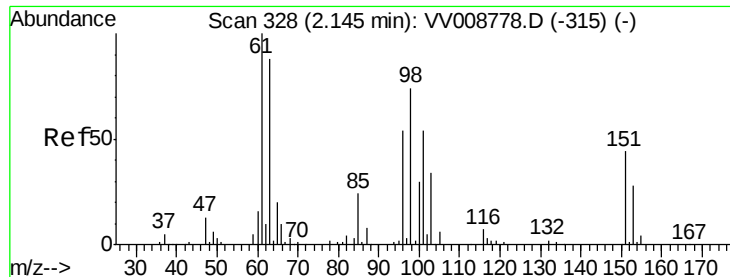
Tgt Ion: 101 Resp: 2478

Ion Ratio Lower Upper

101 100

103 62.0 52.6 79.0





#10

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

Concen: 0.162 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV008784.D

Acq: 30 Nov 2018 00:15

Instrument :

MSVOA_V

ClientSampled :

YALT5

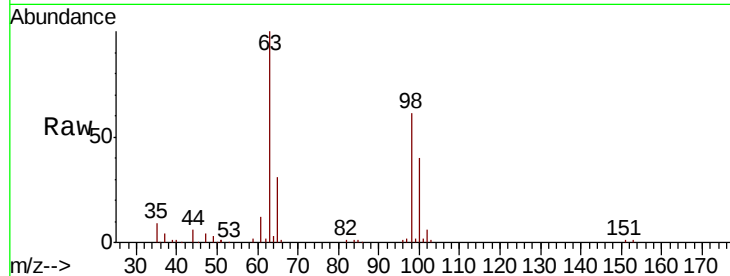
Tgt Ion:101 Resp: 1316

Ion Ratio Lower Upper

101 100

85 16.9 33.1 49.7#

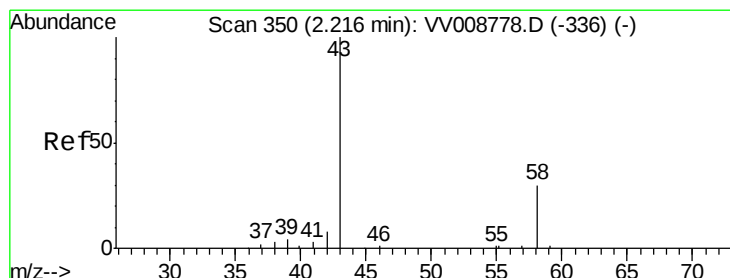
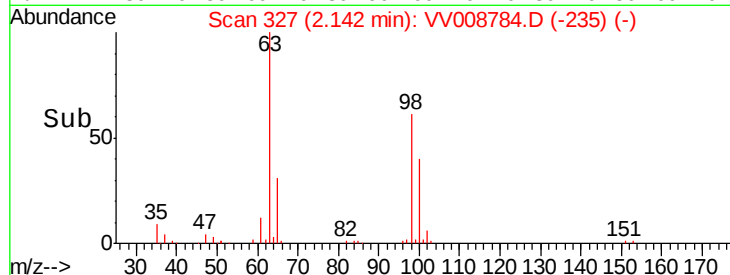
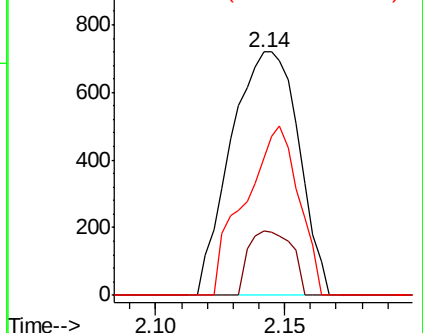
151 55.4 63.8 95.8#



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



#13

Acetone

Concen: 1.441 ug/L

RT: 2.21 min Scan# 348

Delta R.T. -0.01 min

Lab File: VV008784.D

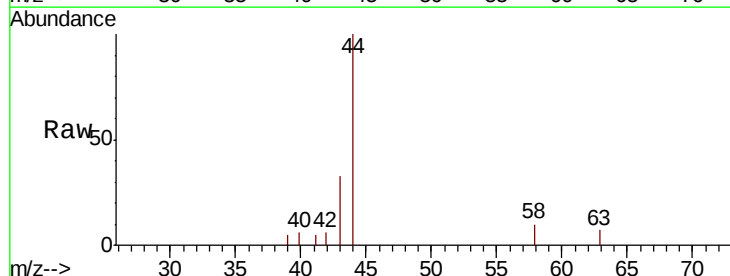
Acq: 30 Nov 2018 00:15

Tgt Ion: 43 Resp: 1609

Ion Ratio Lower Upper

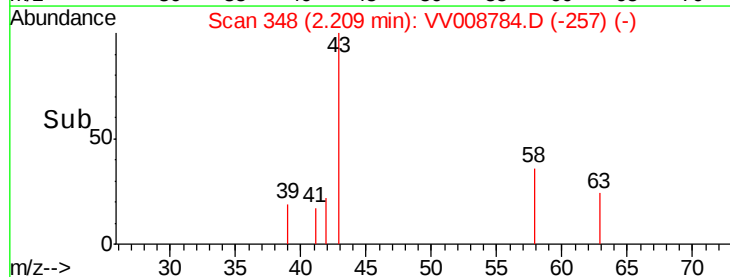
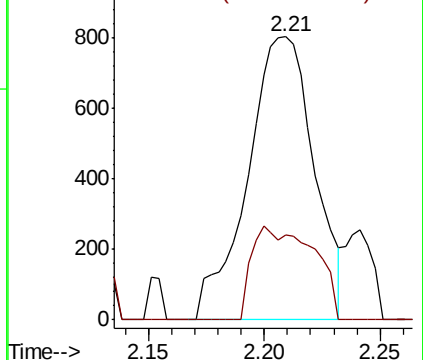
43 100

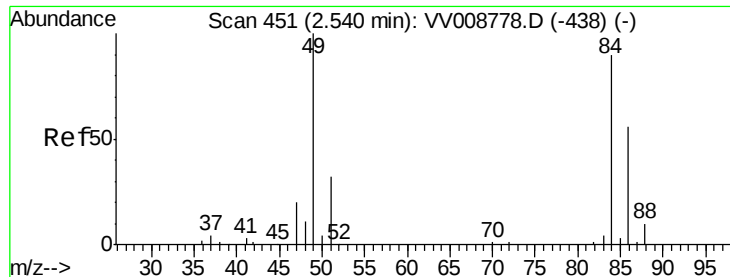
58 30.6 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

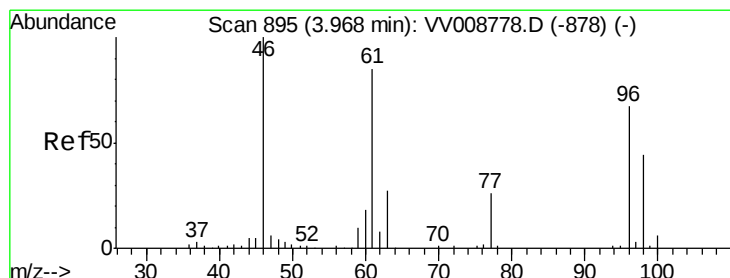
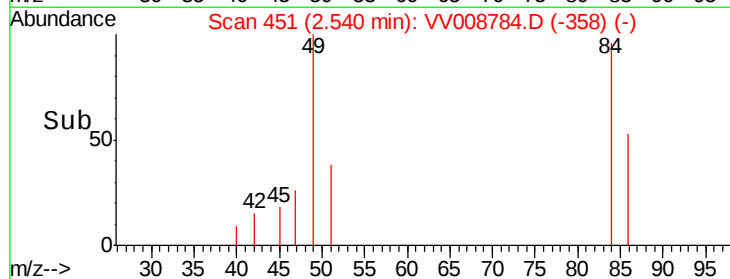
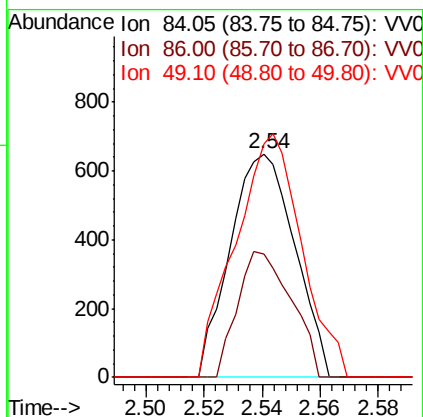
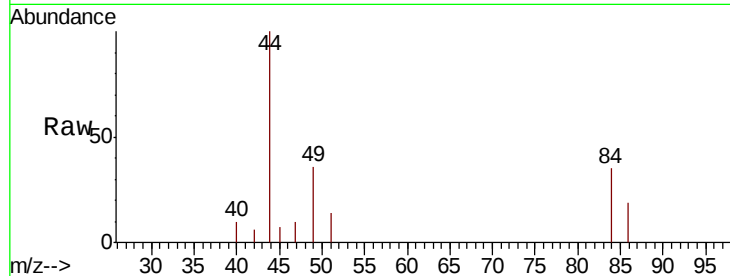




#16
Methylene chloride
Concen: 0.125 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008784.D
Acq: 30 Nov 2018 00:15

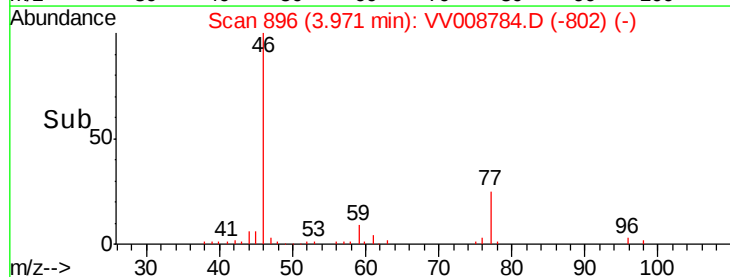
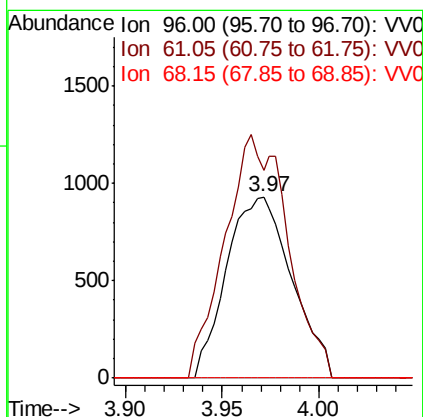
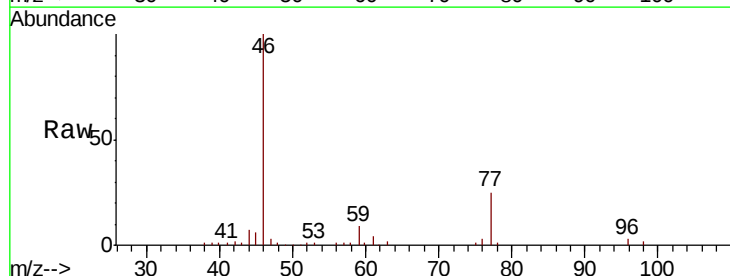
Instrument :
MSVOA_V
ClientSampled :
YALT5

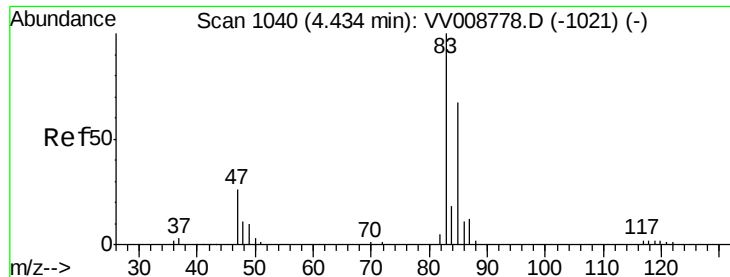
Tgt Ion: 84 Resp: 1004
Ion Ratio Lower Upper
84 100
86 54.9 45.8 85.2
49 104.6 85.9 159.5



#22
cis-1,2-Dichloroethene
Concen: 0.199 ug/L
RT: 3.97 min Scan# 896
Delta R.T. 0.00 min
Lab File: VV008784.D
Acq: 30 Nov 2018 00:15

Tgt Ion: 96 Resp: 2185
Ion Ratio Lower Upper
96 100
61 114.4 85.9 159.5
68 0.0 0.0 0.0

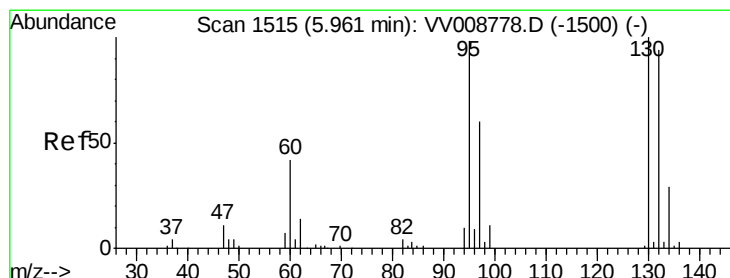
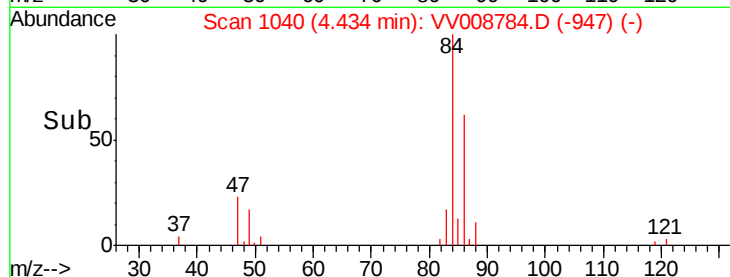
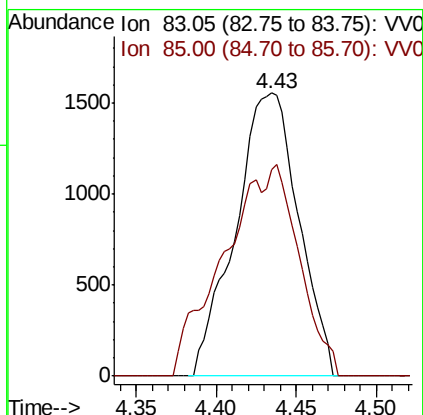
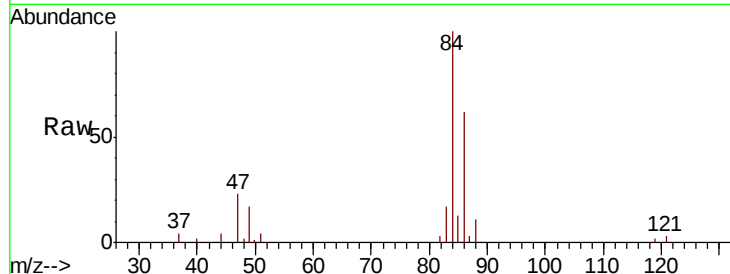




#25
Chloroform
Concen: 0.224 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008784.D
Acq: 30 Nov 2018 00:15

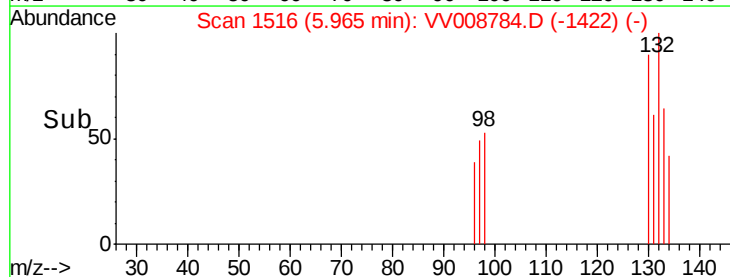
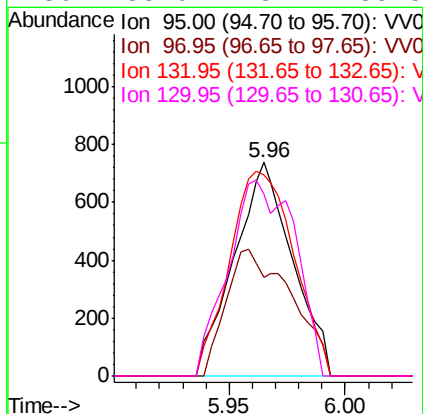
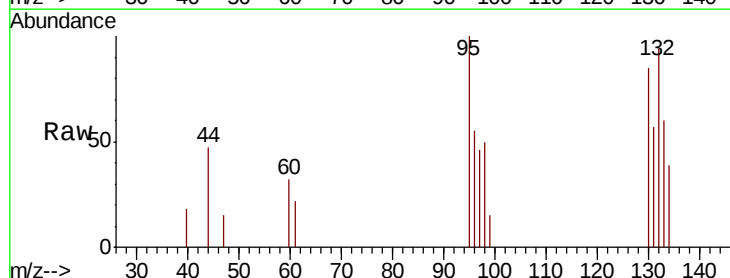
Instrument :
MSVOA_V
ClientSampleId :
YALT5

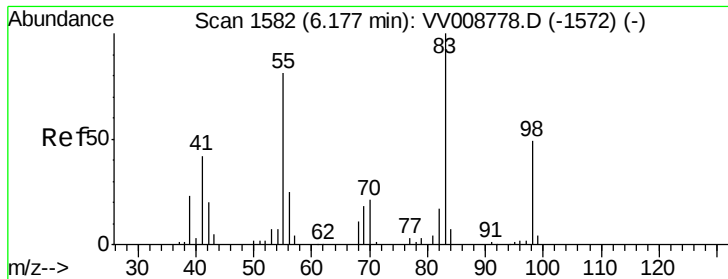
Tgt Ion: 83 Resp: 4222
Ion Ratio Lower Upper
83 100
85 73.0 47.0 87.4



#34
Trichloroethene
Concen: 0.115 ug/L
RT: 5.96 min Scan# 1516
Delta R.T. 0.00 min
Lab File: VV008784.D
Acq: 30 Nov 2018 00:15

Tgt Ion: 95 Resp: 1289
Ion Ratio Lower Upper
95 100
97 45.9 46.5 86.3#
132 94.2 69.4 128.8
130 85.0 73.1 135.8

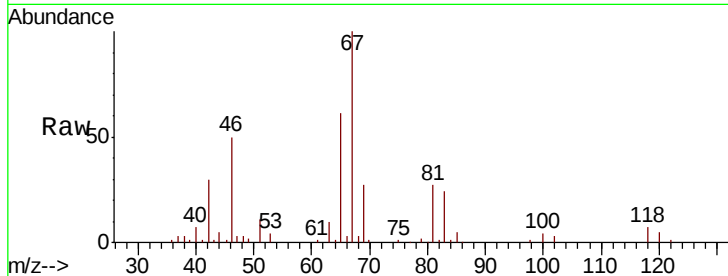




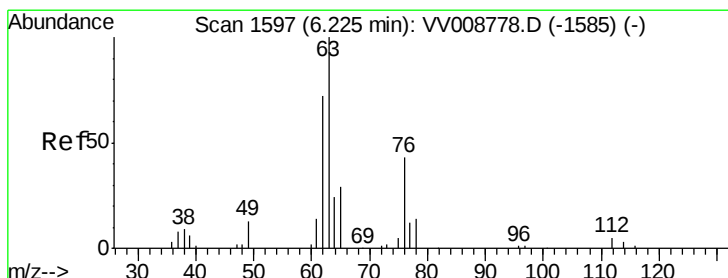
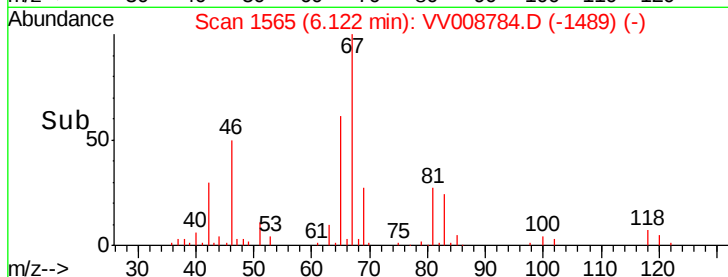
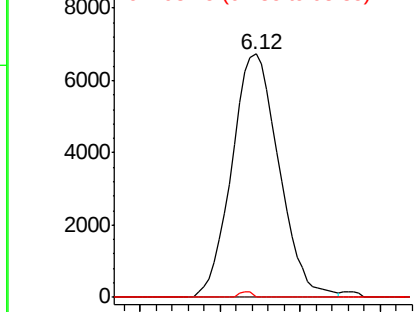
#35
Methylcyclohexane
Concen: 0.763 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008784.D
Acq: 30 Nov 2018 00:15

Instrument :
MSVOA_V
ClientSampleId :
YALT5

Tgt Ion: 83 Resp: 13524
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 0.6 37.4 56.2#

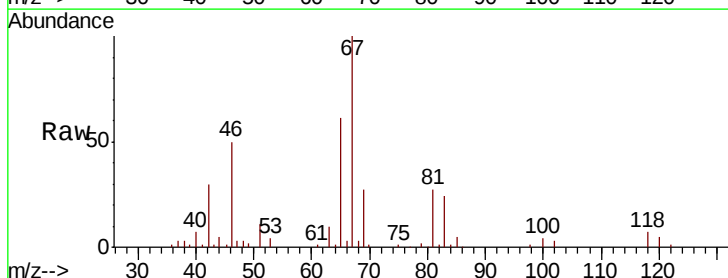


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

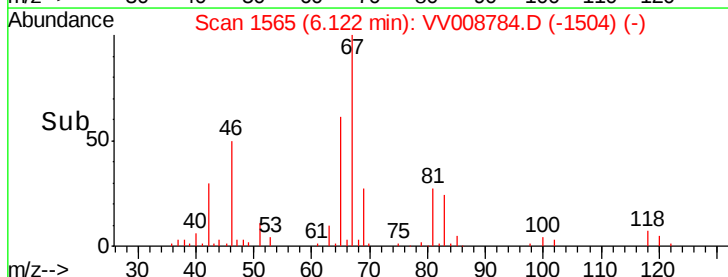
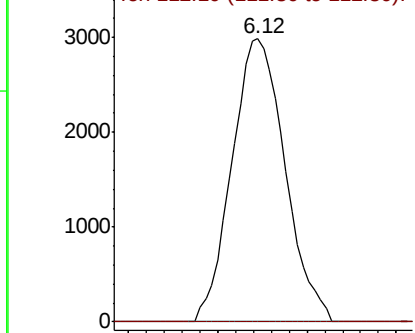


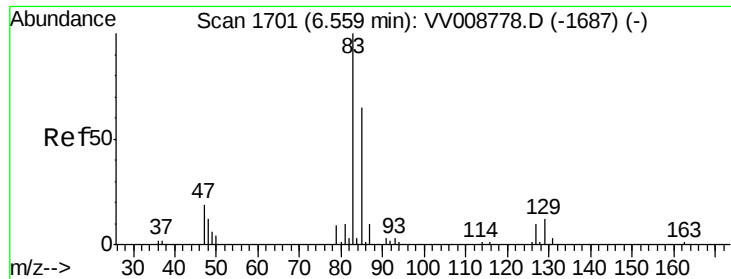
#37
1,2-Dichloropropane
Concen: 0.619 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008784.D
Acq: 30 Nov 2018 00:15

Tgt Ion: 63 Resp: 6185
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.116 ug/L

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VV008784.D

Acq: 30 Nov 2018 00:15

Instrument :

MSVOA_V

ClientSampleId :

YALT5

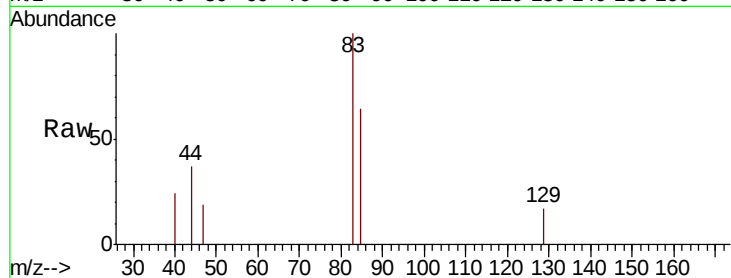
Tgt Ion: 83 Resp: 1319

Ion Ratio Lower Upper

83 100

85 63.8 44.4 82.4

127 0.0 6.9 10.3#

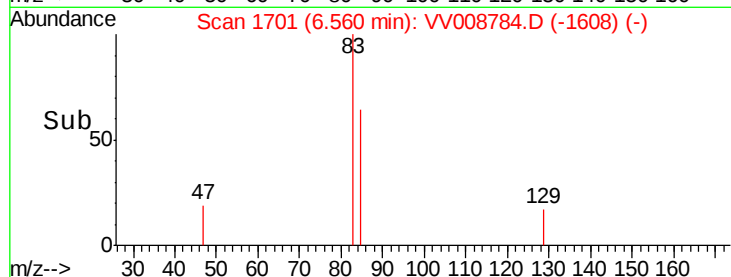


Abundance Ion 82.95 (82.65 to 83.65): VV008778.D (-1687) (-)

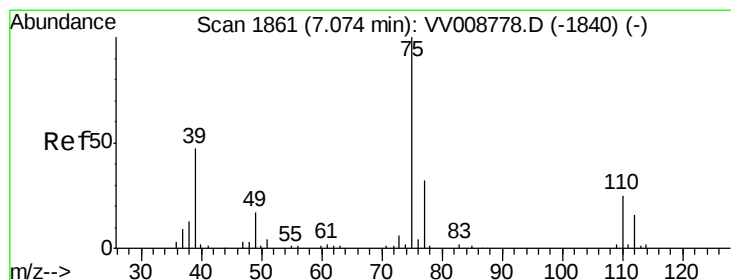
Ion 85.00 (84.70 to 85.70): VV008778.D (-1687) (-)

Ion 126.90 (126.60 to 127.60): VV008778.D (-1687) (-)

Time-->



Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 7.03 min Scan# 1848

Delta R.T. -0.04 min

Lab File: VV008784.D

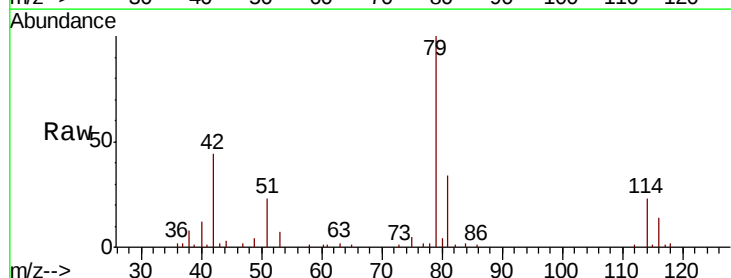
Acq: 30 Nov 2018 00:15

Tgt Ion: 75 Resp: 1299

Ion Ratio Lower Upper

75 100

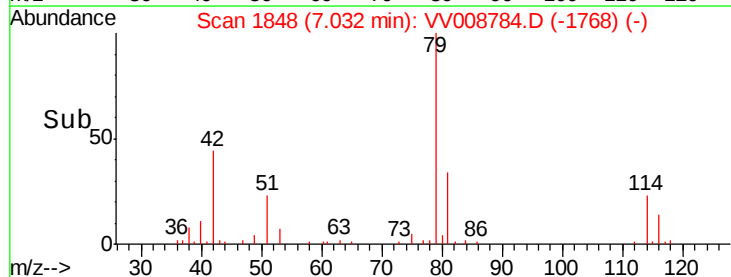
77 38.3 22.8 42.4



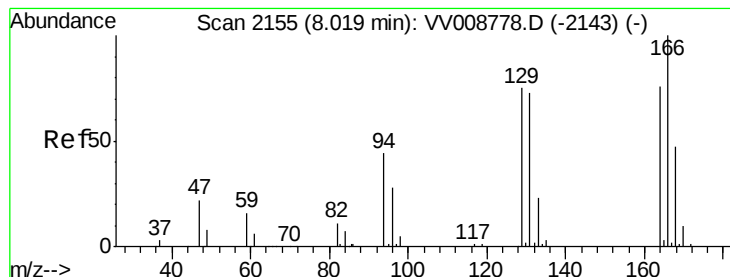
Abundance Ion 75.05 (74.75 to 75.75): VV008778.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV008778.D (-1840) (-)

Time-->



Time-->



#47

Tetrachloroethene

Concen: 1.508 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008784.D

Acq: 30 Nov 2018 00:15

Instrument :

MSVOA_V

ClientSampleId :

YALT5

Tgt Ion:164 Resp: 13031

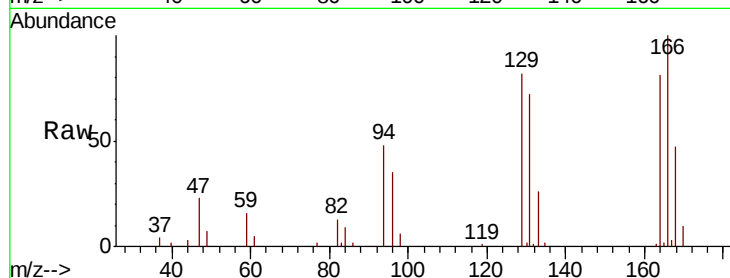
Ion Ratio Lower Upper

164 100

129 101.0 67.5 125.3

131 88.3 65.9 122.5

166 123.5 89.2 165.6

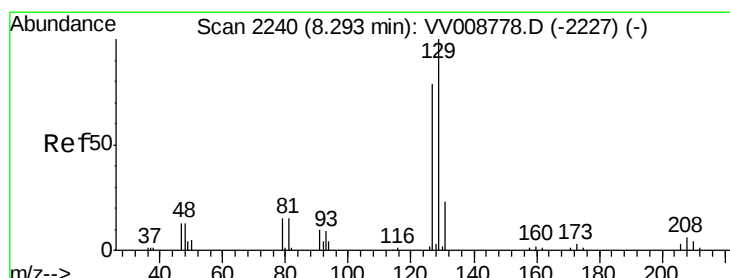
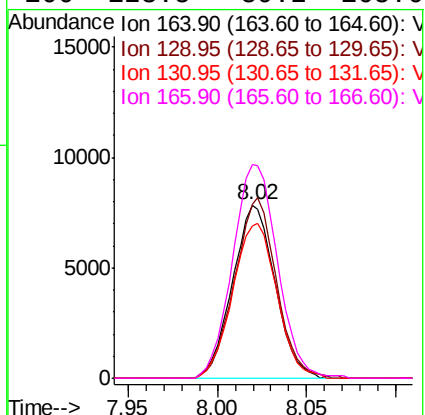
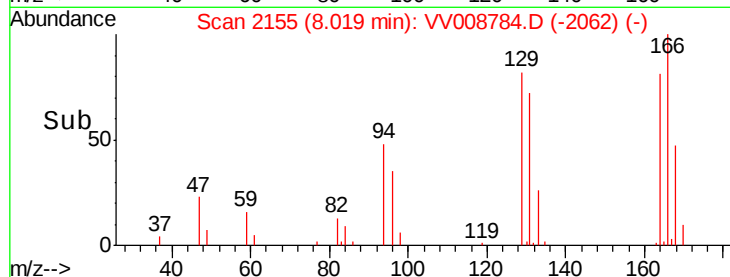


Abundance Ion 163.90 (163.60 to 164.60): V

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: 0.294 ug/L

RT: 8.30 min Scan# 2241

Delta R.T. 0.00 min

Lab File: VV008784.D

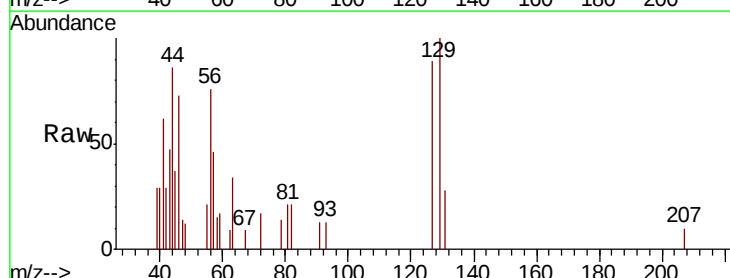
Acq: 30 Nov 2018 00:15

Tgt Ion:129 Resp: 2122

Ion Ratio Lower Upper

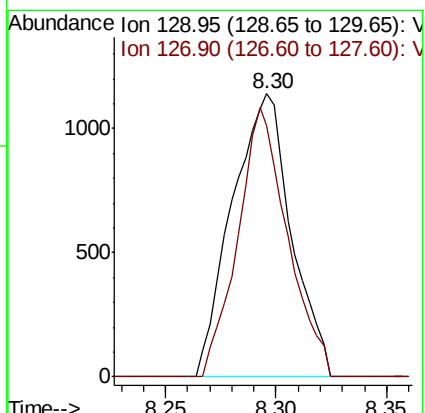
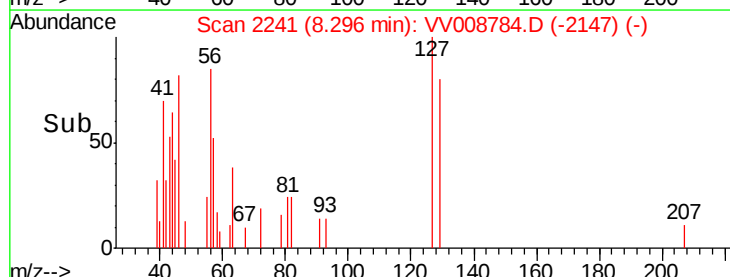
129 100

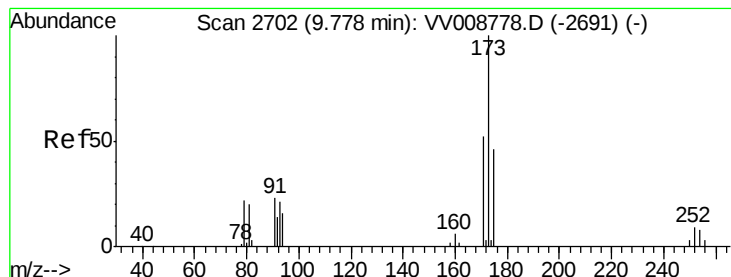
127 89.0 55.3 102.7



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#61

Bromoform

Concen: 0.305 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VV008784.D

Acq: 30 Nov 2018 00:15

Instrument :

MSVOA_V

ClientSampleId :

YALT5

Tgt Ion:173 Resp: 945

Ion Ratio Lower Upper

173 100

175 48.5 39.6 59.4

254 0.0 6.9 10.3#

