

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008770.D
 Acq On : 29 Nov 2018 17:56
 Operator : SY/MD
 Sample : J6076-09
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR3

Quant Time: Nov 30 05:00:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 04:55:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159427	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	145977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64543	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44	0.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.00%#
7) Chloroethane-d5	1.59	69	36003	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.13	63	34147	1.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	36.00%#
20) 2-Butanone-d5	3.98	46	119436	48.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.70%
24) Chloroform-d	4.41	84	100836	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.09	65	50532	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	214109	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.12	67	62182	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	114727	2.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	55.80%#
43) trans-1,3-Dichloropropene-	7.67	79	16795	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.14	63	88488	47.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	38388	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	66040	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

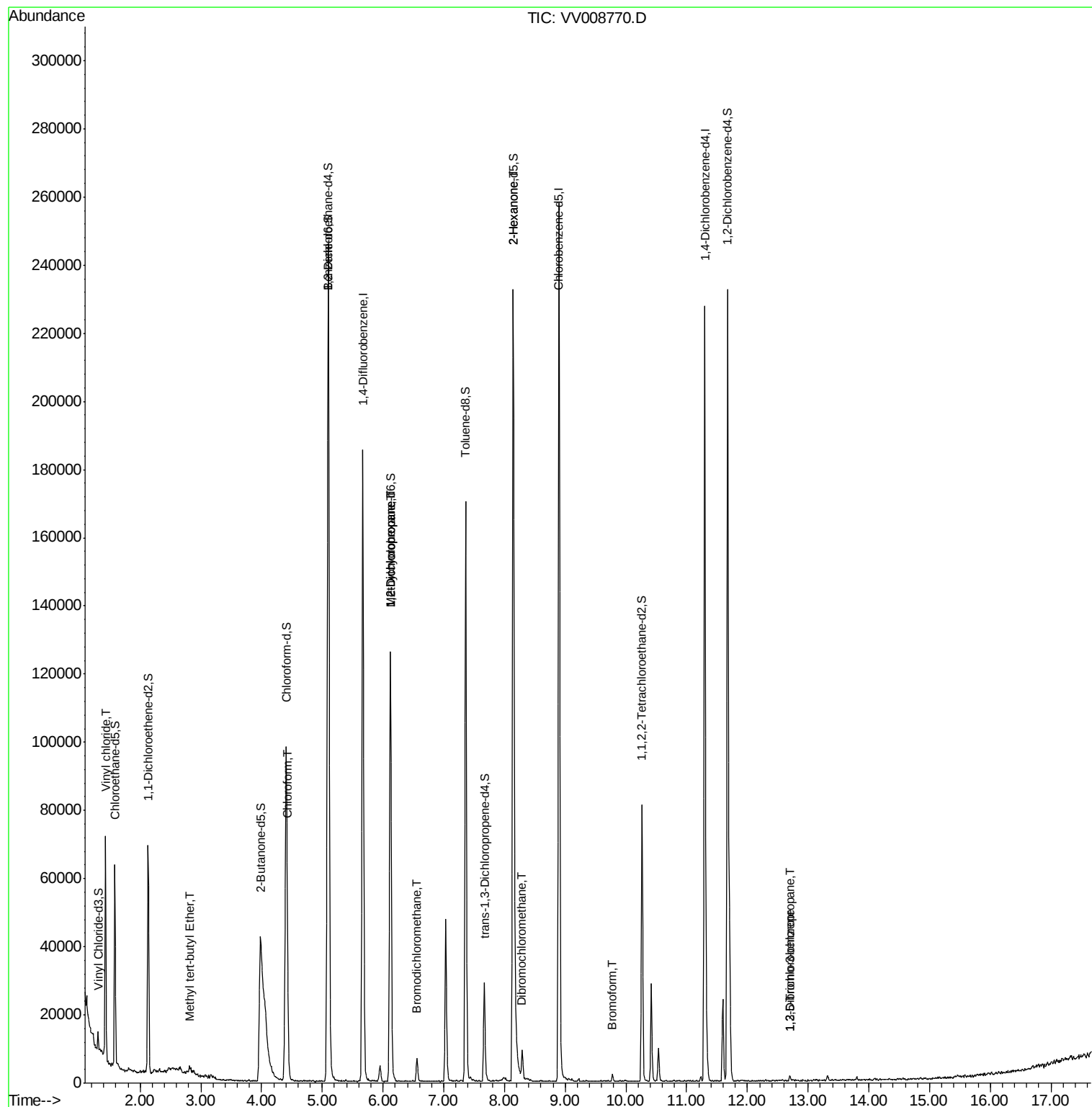
					Qvalue
5) Vinyl chloride	1.43	62	1070	0.102 ug/L #	81
17) Methyl tert-butyl Ether	2.81	73	2197	0.114 ug/L #	76
25) Chloroform	4.43	83	5639	0.271 ug/L	97
35) Methylcyclohexane	6.12	83	14925	0.773 ug/L #	20
37) 1,2-Dichloropropane	6.13	63	6539	0.601 ug/L #	87
38) Bromodichloromethane	6.56	83	4634	0.373 ug/L #	98
48) 2-Hexanone	8.14	43	11803	2.985 ug/L #	72
49) Dibromochloromethane	8.29	129	4038	0.514 ug/L	98
61) Bromoform	9.78	173	995	0.284 ug/L #	93
66) 1,2-Dibromo-3-chloropropan	12.70	75	112	0.113 ug/L #	1
67) 1,3,5-Trichlorobenzene	12.70	180	665	0.043 ug/L #	95

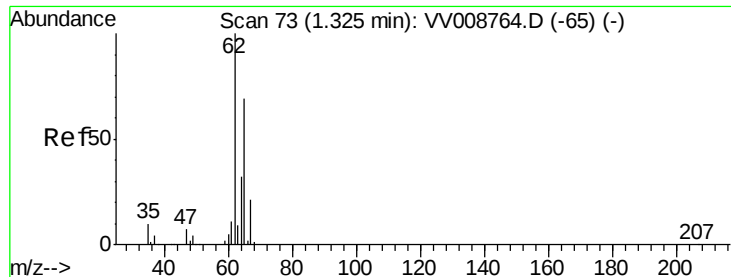
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 30 04:55:05 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.102 ug/L

RT: 1.43 min Scan# 105

Delta R.T. 0.10 min

Lab File: VV008770.D

Acq: 29 Nov 2018 17:56

Instrument :

MSVOA_V

ClientSampleId :

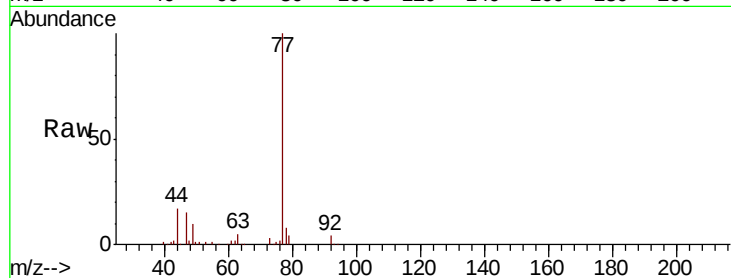
YALR3

Tgt Ion: 62 Resp: 1070

Ion Ratio Lower Upper

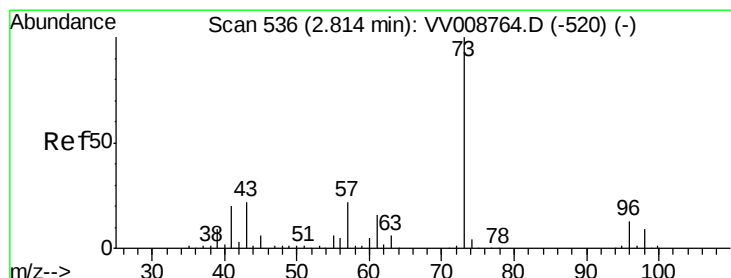
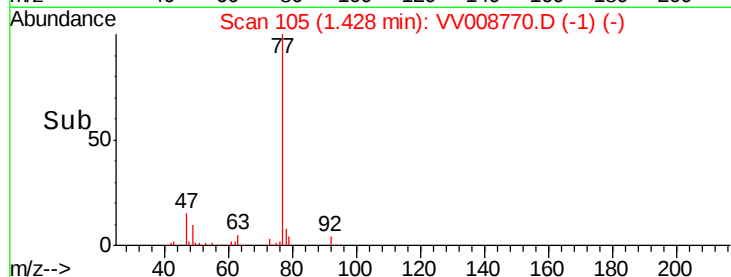
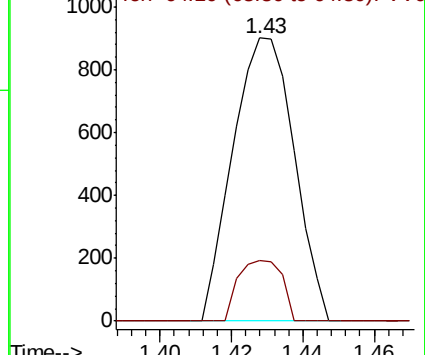
62 100

64 21.6 22.7 42.1#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#17

Methyl tert-butyl Ether

Concen: 0.114 ug/L

RT: 2.81 min Scan# 536

Delta R.T. -0.00 min

Lab File: VV008770.D

Acq: 29 Nov 2018 17:56

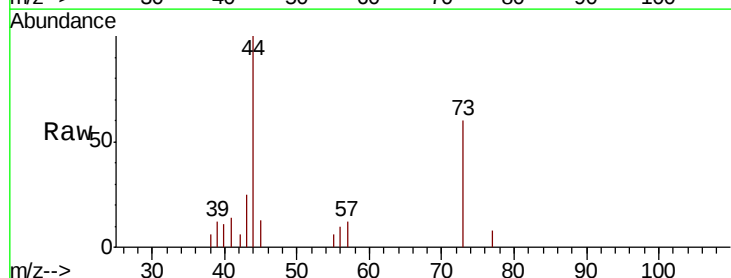
Tgt Ion: 73 Resp: 2197

Ion Ratio Lower Upper

73 100

43 43.5 18.0 27.0#

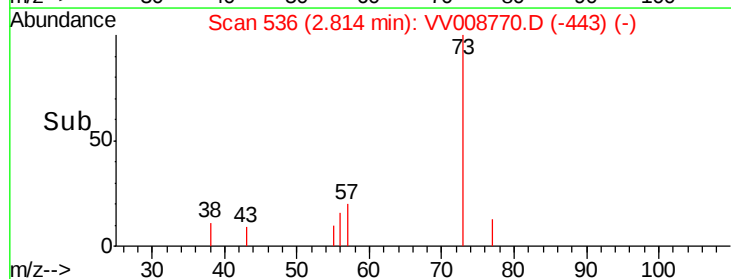
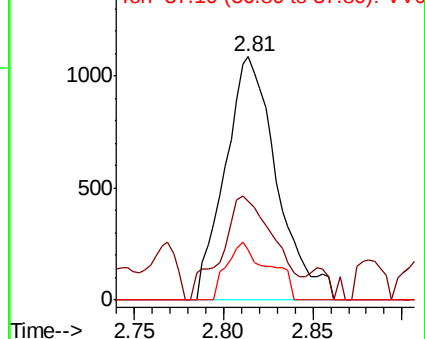
57 19.5 17.2 25.8

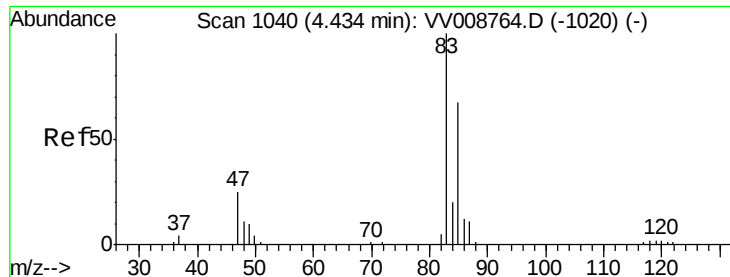


Abundance Ion 73.10 (72.80 to 73.80): VV0

Ion 43.05 (42.75 to 43.75): VV0

Ion 57.10 (56.80 to 57.80): VV0

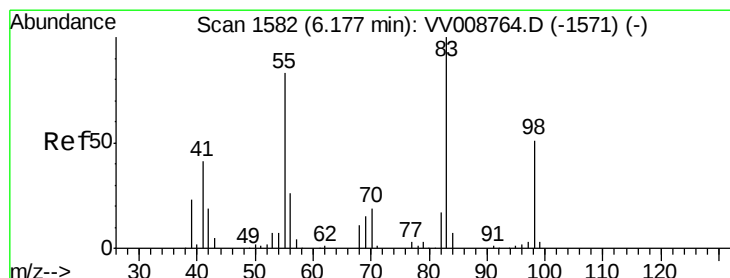
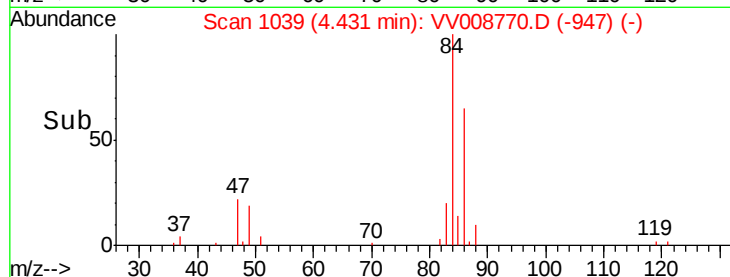
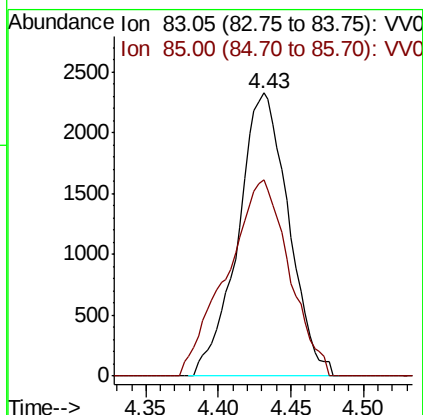
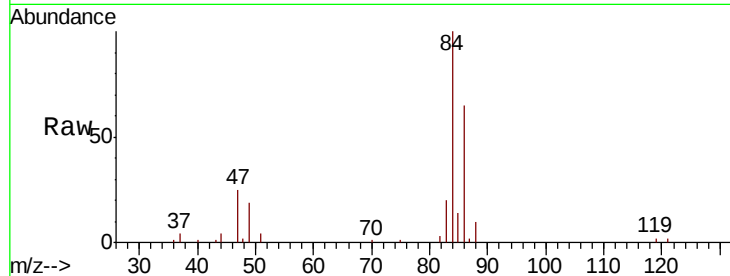




#25
Chloroform
Concen: 0.271 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. -0.00 min
Lab File: VV008770.D
Acq: 29 Nov 2018 17:56

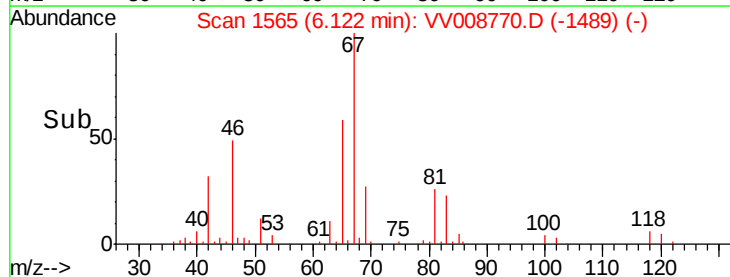
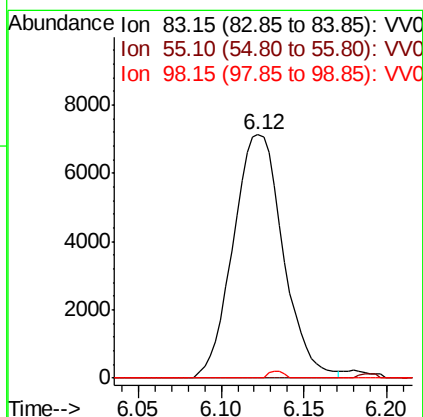
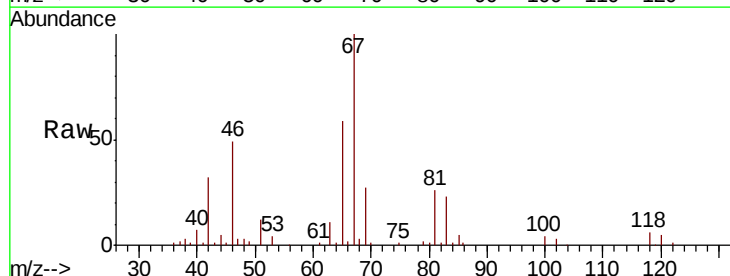
Instrument :
MSVOA_V
ClientSampled :
YALR3

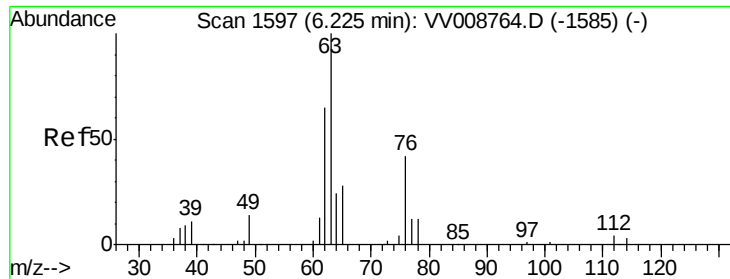
Tgt Ion: 83 Resp: 5639
Ion Ratio Lower Upper
83 100
85 69.5 47.0 87.4



#35
Methylcyclohexane
Concen: 0.773 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008770.D
Acq: 29 Nov 2018 17:56

Tgt Ion: 83 Resp: 14925
Ion Ratio Lower Upper
83 100
55 0.6 60.1 90.1#
98 0.9 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.601 ug/L

RT: 6.13 min Scan# 1566

Delta R.T. -0.10 min

Lab File: VV008770.D

Acq: 29 Nov 2018 17:56

Instrument :

MSVOA_V

ClientSampleId :

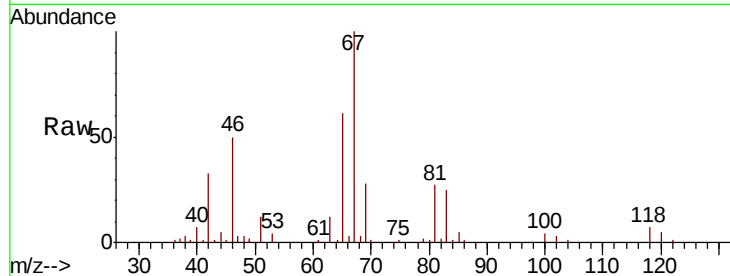
YALR3

Tgt Ion: 63 Resp: 6539

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#

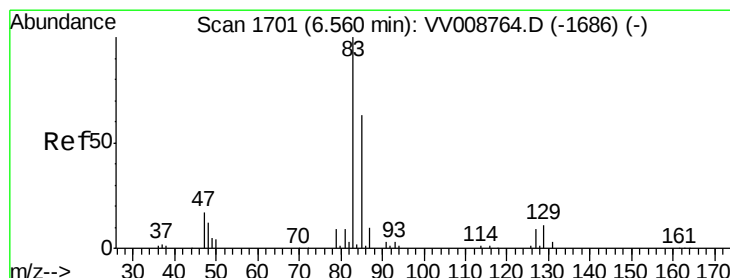
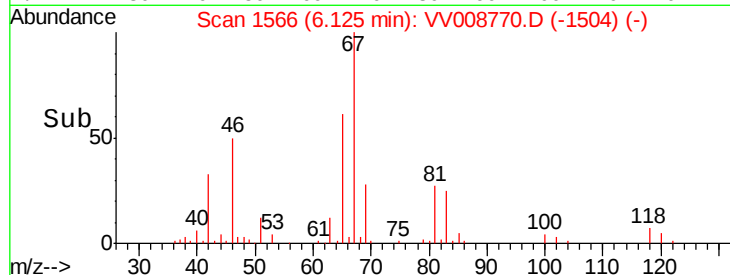


Abundance Ion 63.10 (62.80 to 63.80): VV008770.D (-1566) (-)

Ion 112.10 (111.80 to 112.80): VV008770.D (-1566) (-)

6.13

Time-->



#38

Bromodichloromethane

Concen: 0.373 ug/L

RT: 6.56 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VV008770.D

Acq: 29 Nov 2018 17:56

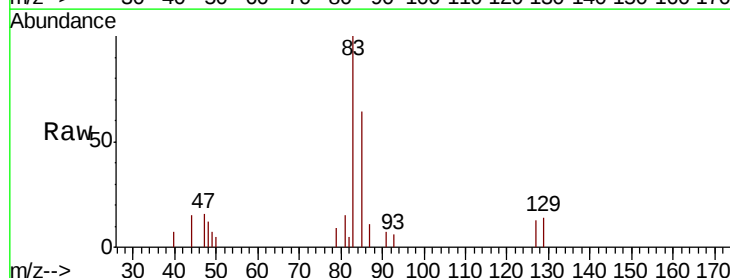
Tgt Ion: 83 Resp: 4634

Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.4

127 12.8 6.9 10.3#



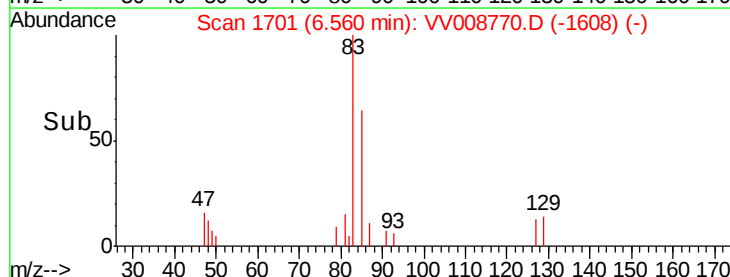
Abundance Ion 82.95 (82.65 to 83.65): VV008770.D (-1686) (-)

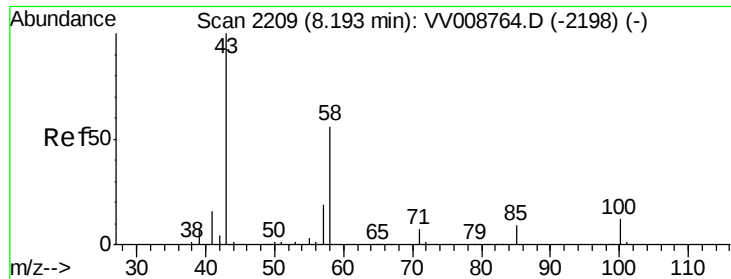
Ion 85.00 (84.70 to 85.70): VV008770.D (-1686) (-)

Ion 126.90 (126.60 to 127.60): VV008770.D (-1686) (-)

6.56

Time-->

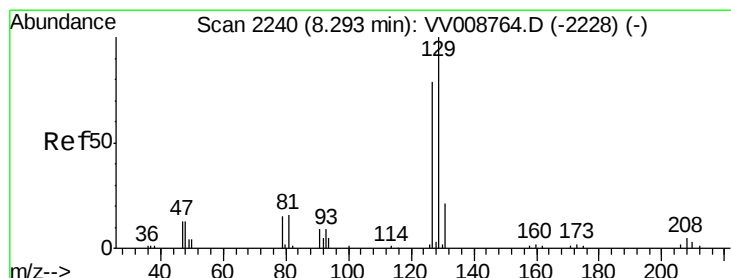
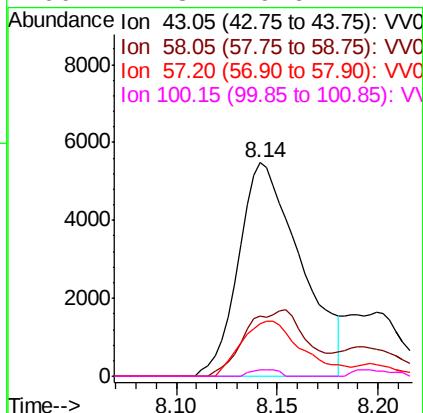
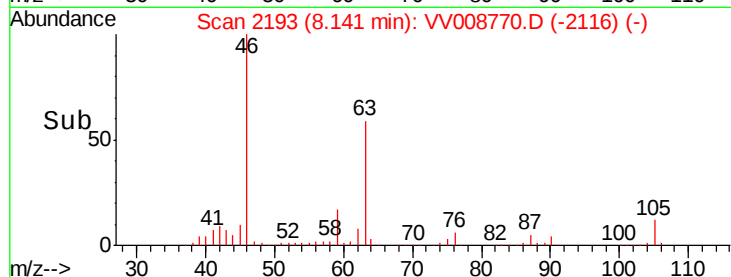
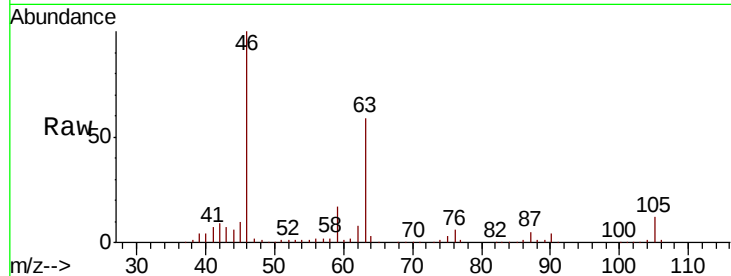




#48
2-Hexanone
Concen: 2.985 ug/L
RT: 8.14 min Scan# 2193
Delta R.T. -0.05 min
Lab File: VV008770.D
Acq: 29 Nov 2018 17:56

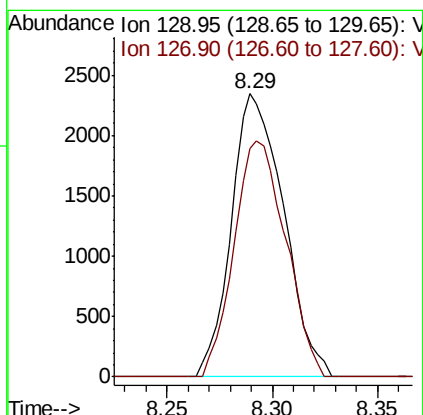
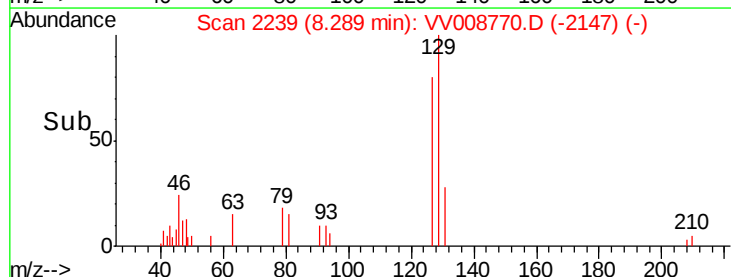
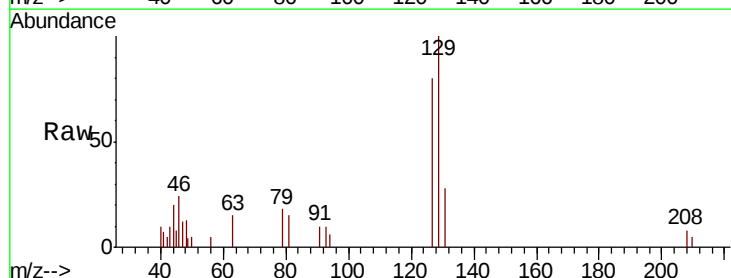
Instrument :
MSVOA_V
ClientSampleId :
YALR3

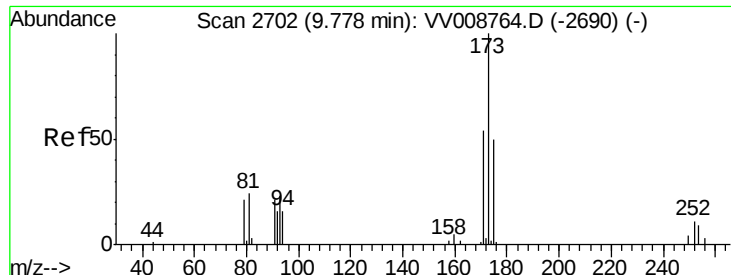
Tgt Ion: 43 Resp: 11803
Ion Ratio Lower Upper
43 100
58 31.3 44.5 66.7#
57 25.7 15.2 22.8#
100 1.3 9.6 14.4#



#49
Dibromochloromethane
Concen: 0.514 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV008770.D
Acq: 29 Nov 2018 17:56

Tgt Ion: 129 Resp: 4038
Ion Ratio Lower Upper
129 100
127 80.5 55.3 102.7





#61

Bromoform

Concen: 0.284 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. -0.00 min

Lab File: VV008770.D

Acq: 29 Nov 2018 17:56

Instrument :

MSVOA_V

ClientSampleId :

YALR3

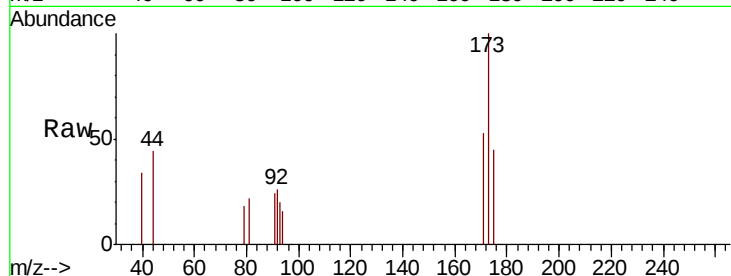
Tgt Ion: 173 Resp: 995

Ion Ratio Lower Upper

173 100

175 46.8 39.6 59.4

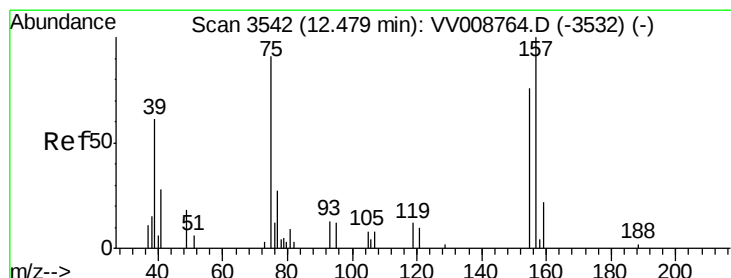
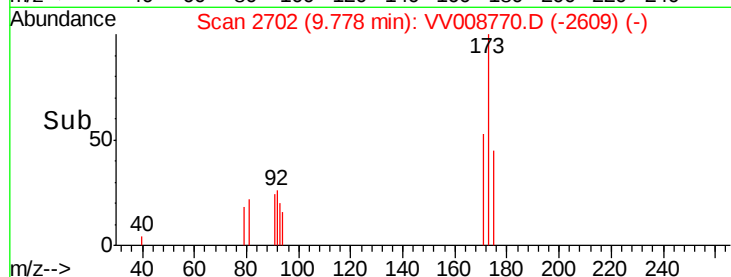
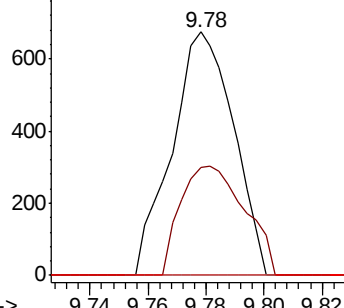
254 0.0 6.9 10.3#



Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.113 ug/L

RT: 12.70 min Scan# 3610

Delta R.T. 0.22 min

Lab File: VV008770.D

Acq: 29 Nov 2018 17:56

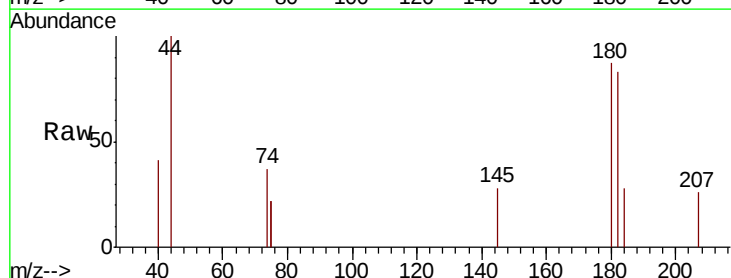
Tgt Ion: 75 Resp: 112

Ion Ratio Lower Upper

75 100

155 0.0 66.7 100.1#

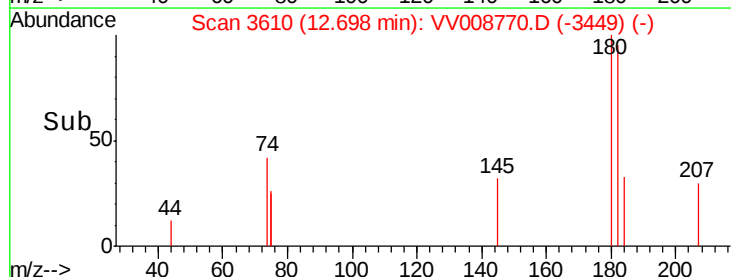
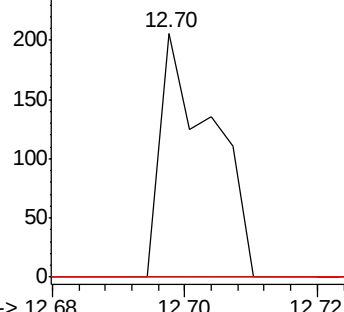
157 0.0 88.0 132.0#

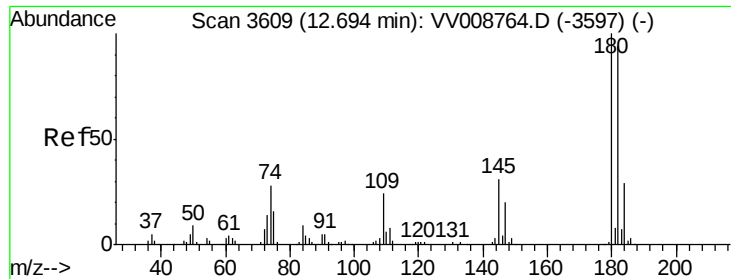


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V





#67
 1,3,5-Trichlorobenzene
 Concen: 0.043 ug/L
 RT: 12.70 min Scan# 3611
 Delta R.T. 0.01 min
 Lab File: VV008770.D
 Acq: 29 Nov 2018 17:56

Instrument :
 MSVOA_V
 ClientSampleId :
 YALR3

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	74.7	112.1
184	23.2	23.3	34.9
145	33.1	24.2	36.4

