

Data File : VV008745.D
Acq On : 28 Nov 2018 18:55
Operator : SY/MD
Sample : J6076-05
Misc : 25.0 mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YALQ4

Quant Time: Nov 29 03:27:50 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112818WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 29 03:24:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	152115	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	140674	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	60760	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41891	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.59	69	34459	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.80%
11) 1,1-Dichloroethene-d2	2.13	63	62898	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	3.98	46	125961	53.03	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.06%
24) Chloroform-d	4.41	84	102512	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.09	65	52723	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.60%
32) Benzene-d6	5.10	84	214276	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	65651	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	188878	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	20299	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.14	63	85939	49.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42377	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	64316	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

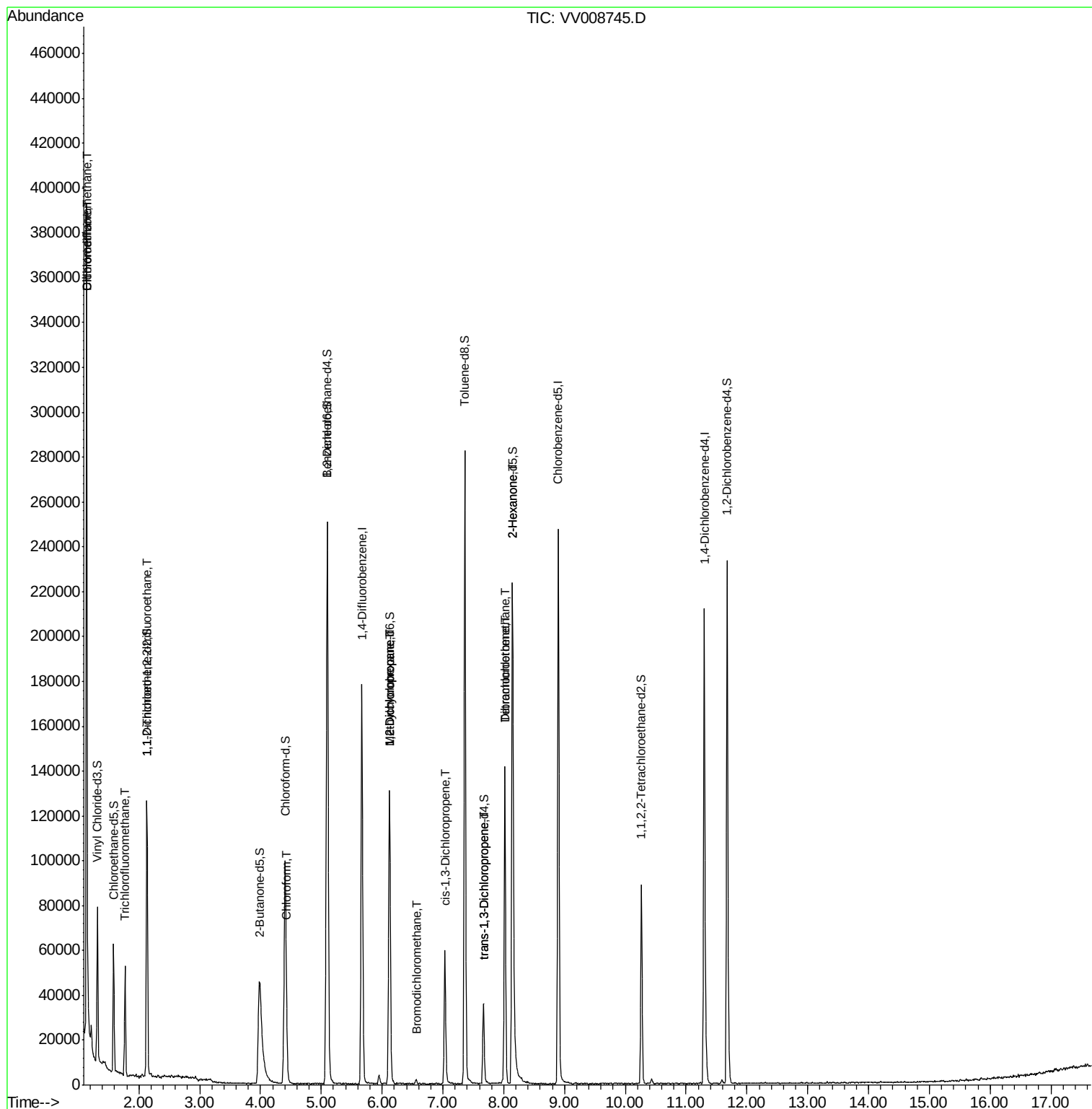
						Qvalue
2) Dichlorodifluoromethane	1.14	85	205692	15.739	ug/L	99
3) Chloromethane	1.14	50	22028	2.108	ug/L #	43
9) Trichlorofluoromethane	1.77	101	26765	1.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	814	0.096	ug/L #	38
25) Chloroform	4.43	83	6102	0.312	ug/L	99
35) Methylcyclohexane	6.12	83	15539	0.835	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	7235	0.683	ug/L #	88
38) Bromodichloromethane	6.56	83	1687	0.140	ug/L #	97
39) cis-1,3-Dichloropropene	7.03	75	1584	0.112	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	933	0.085	ug/L	94
47) Tetrachloroethene	8.02	164	31446	3.572	ug/L	96
48) 2-Hexanone	8.14	43	10581	2.761	ug/L #	75
49) Dibromochloromethane	8.02	129	29226	3.941	ug/L #	10

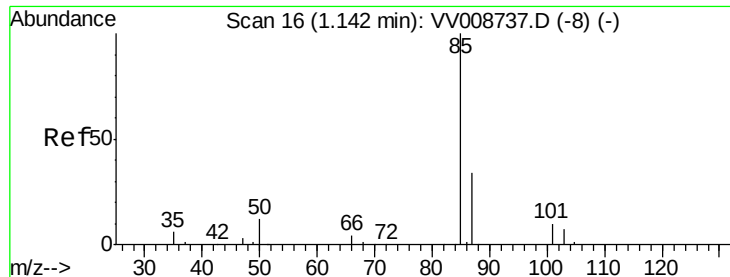
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 15.739 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV008745.D

Acq: 28 Nov 2018 18:55

Instrument :

MSVOA_V

ClientSampleId :

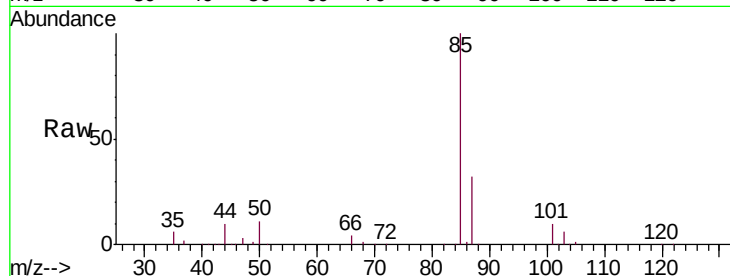
YALQ4

Tgt Ion: 85 Resp: 205692

Ion Ratio Lower Upper

85 100

87 32.2 26.2 39.4



Abundance Ion 85.00 (84.70 to 85.70): VV008737.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008737.D (-8) (-)

1.14

200000

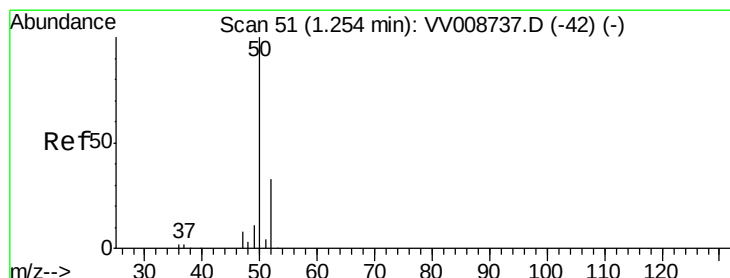
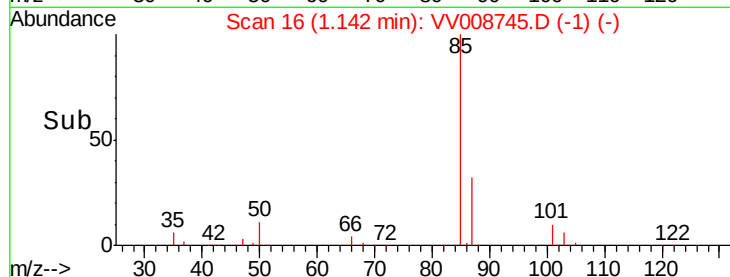
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 2.108 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.11 min

Lab File: VV008745.D

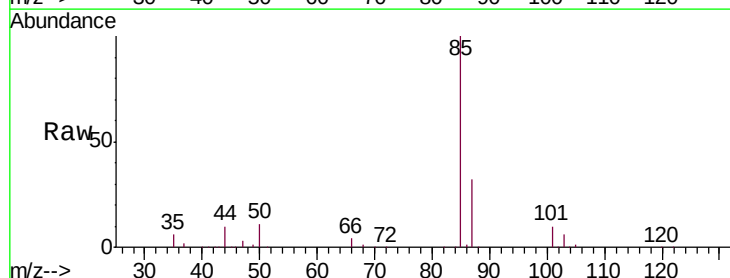
Acq: 28 Nov 2018 18:55

Tgt Ion: 50 Resp: 22028

Ion Ratio Lower Upper

50 100

52 0.0 22.5 41.7#



Abundance Ion 50.05 (49.75 to 50.75): VV008737.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV008737.D (-42) (-)

1.14

25000

20000

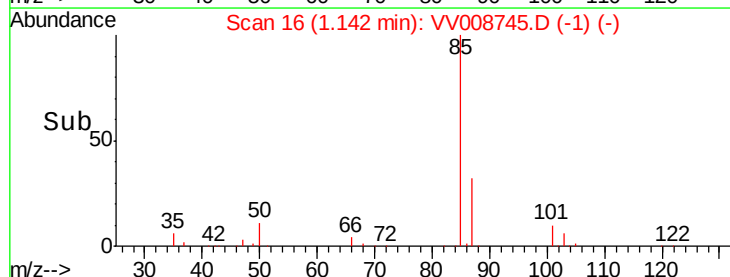
15000

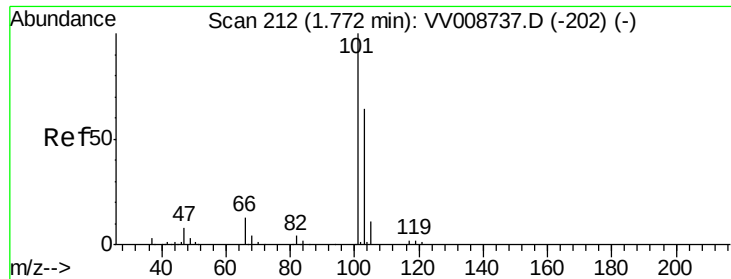
10000

5000

0

Time-->



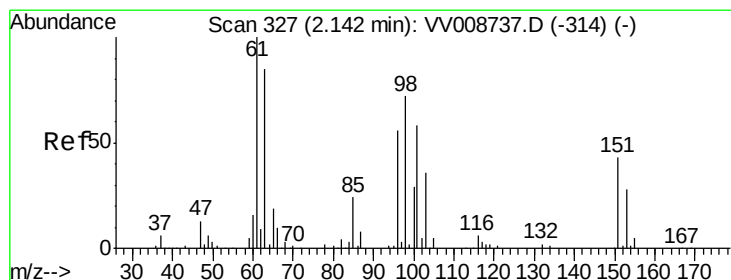
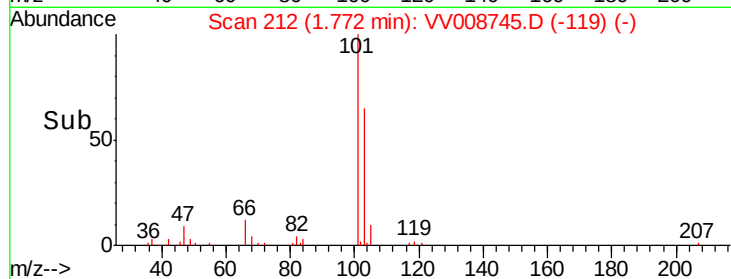
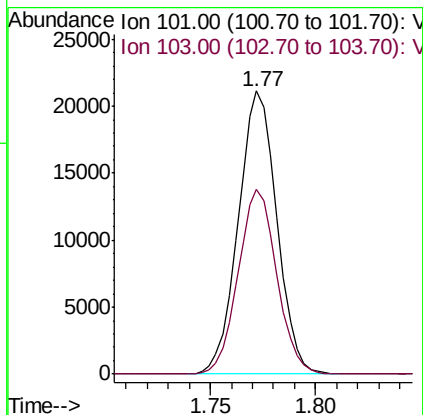
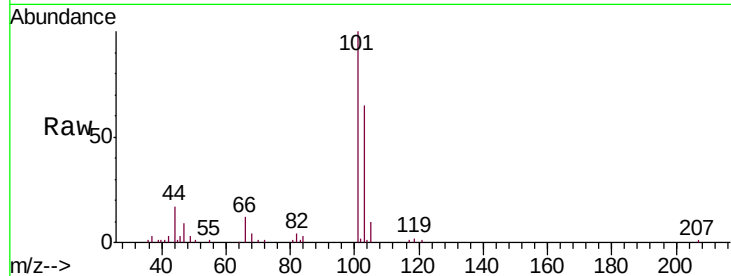


#9

Trichlorofluoromethane
 Concen: 1.854 ug/L
 RT: 1.77 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VV008745.D
 Acq: 28 Nov 2018 18:55

Instrument :
 MSVOA_V
 ClientSampleId :
 YALQ4

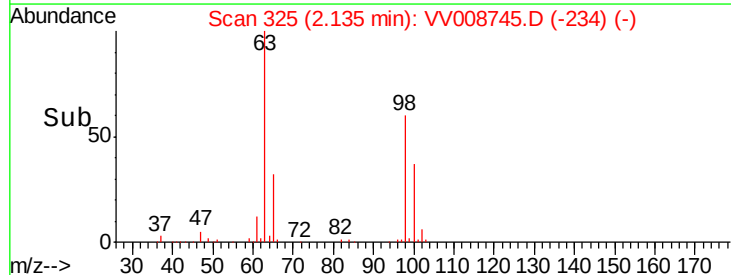
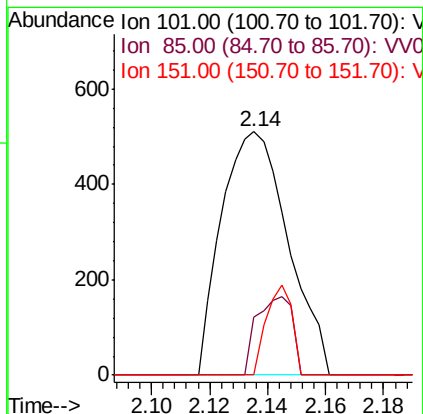
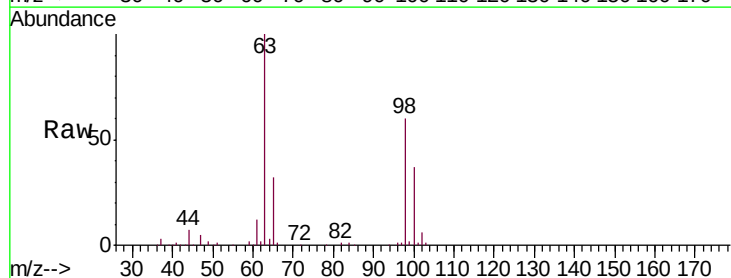
Tgt Ion:101 Resp: 26765
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.8 77.6

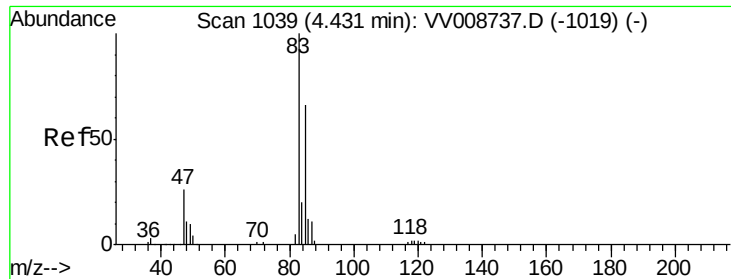


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.096 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.01 min
 Lab File: VV008745.D
 Acq: 28 Nov 2018 18:55

Tgt Ion:101 Resp: 814
 Ion Ratio Lower Upper
 101 100
 85 17.2 34.8 52.2#
 151 14.3 62.6 94.0#

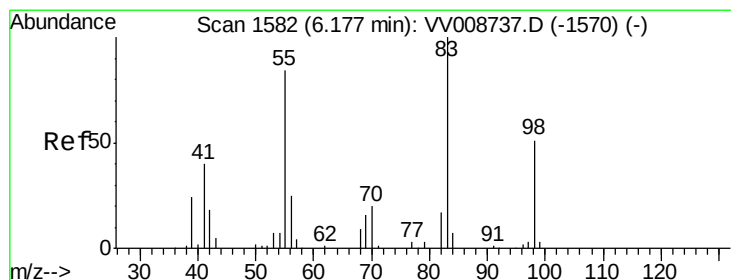
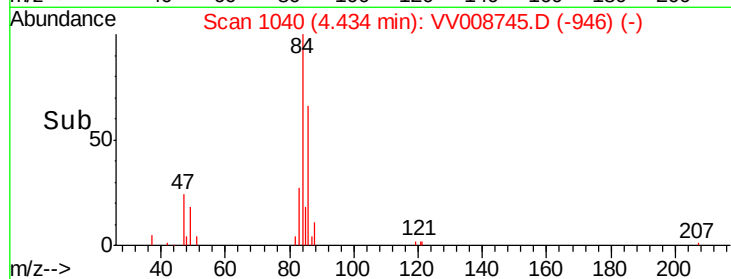
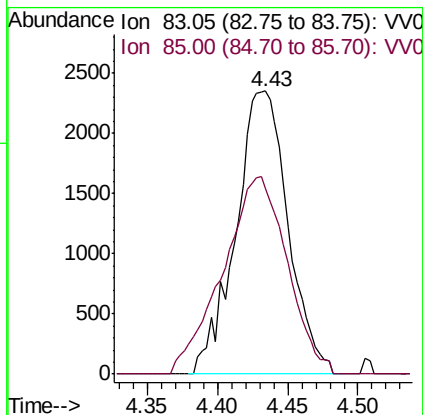
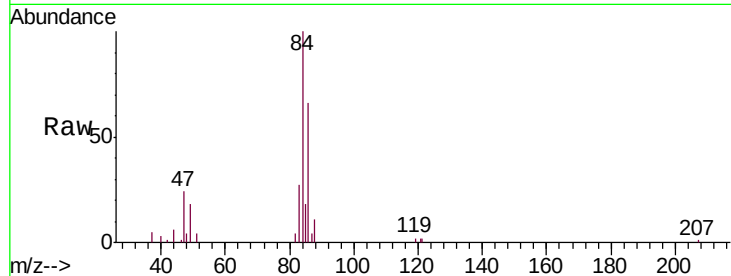




#25
Chloroform
Concen: 0.312 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008745.D
Acq: 28 Nov 2018 18:55

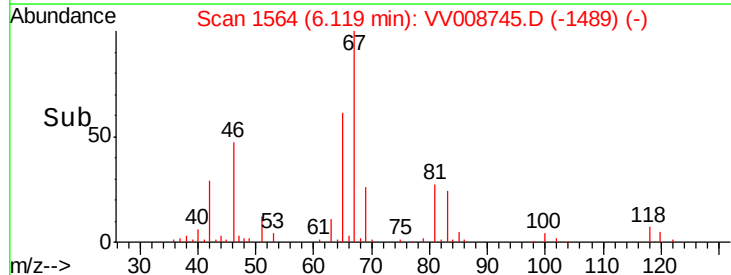
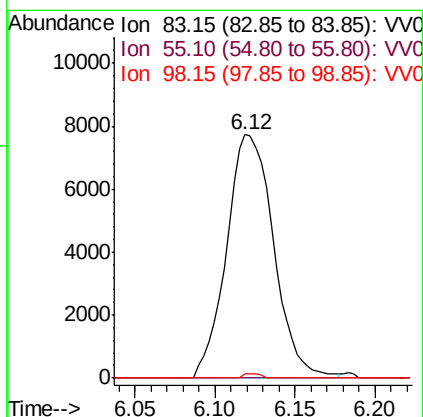
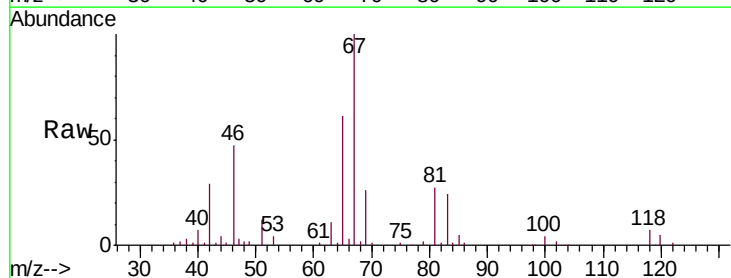
Instrument :
MSVOA_V
ClientSampleId :
YALQ4

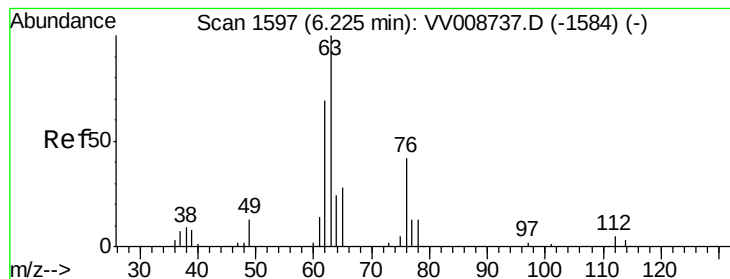
Tgt Ion: 83 Resp: 6102
Ion Ratio Lower Upper
83 100
85 65.7 46.4 86.2



#35
Methylcyclohexane
Concen: 0.835 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008745.D
Acq: 28 Nov 2018 18:55

Tgt Ion: 83 Resp: 15539
Ion Ratio Lower Upper
83 100
55 0.0 62.2 93.2#
98 0.6 37.1 55.7#





#37

1,2-Dichloropropane

Concen: 0.683 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.11 min

Lab File: VV008745.D

Acq: 28 Nov 2018 18:55

Instrument :

MSVOA_V

ClientSampled :

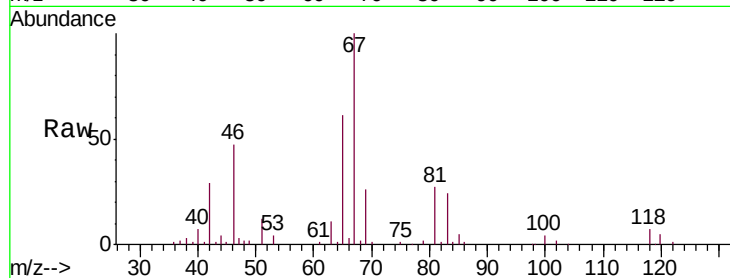
YALQ4

Tgt Ion: 63 Resp: 7235

Ion Ratio Lower Upper

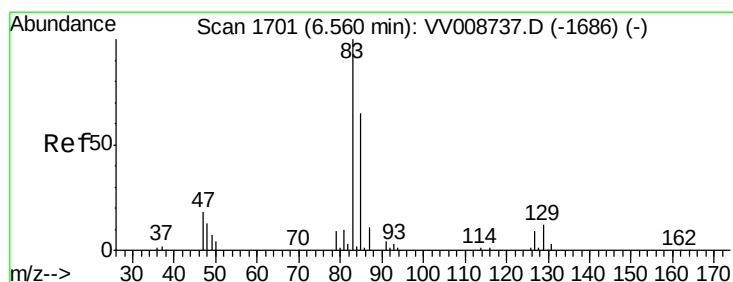
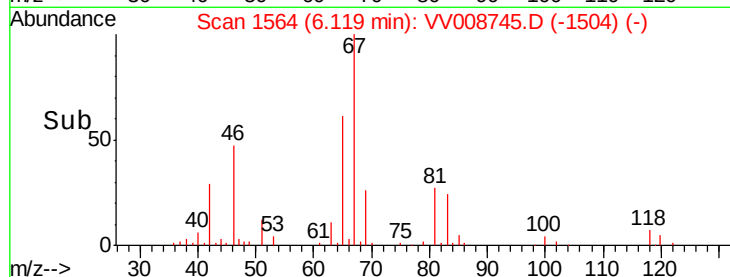
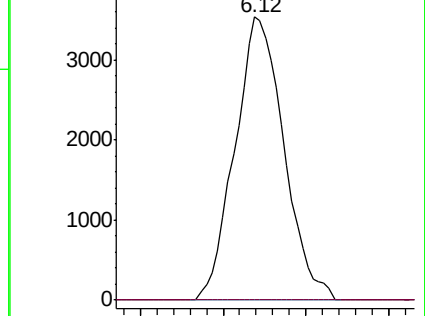
63 100

112 0.0 3.2 4.8#



Abundance Ion 63.10 (62.80 to 63.80): VV008737.D (-1584) (-)

Ion 112.10 (111.80 to 112.80): VV008737.D (-1584) (-)



#38

Bromodichloromethane

Concen: 0.140 ug/L

RT: 6.56 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VV008745.D

Acq: 28 Nov 2018 18:55

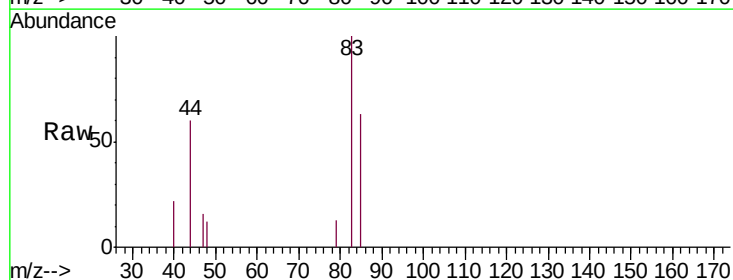
Tgt Ion: 83 Resp: 1687

Ion Ratio Lower Upper

83 100

85 62.7 43.8 81.3

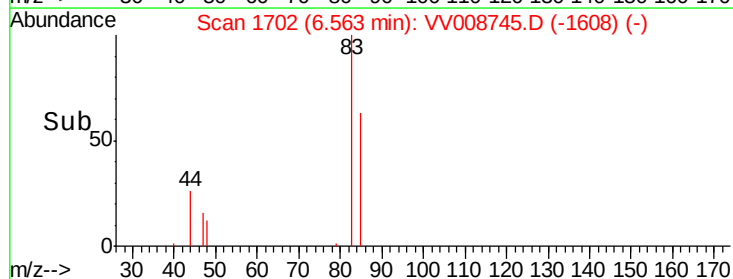
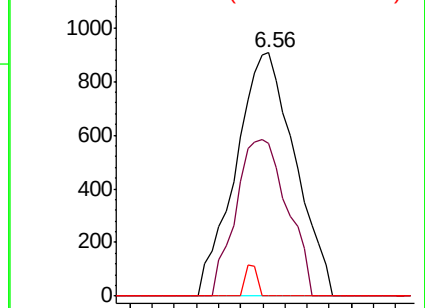
127 0.0 7.0 10.6#

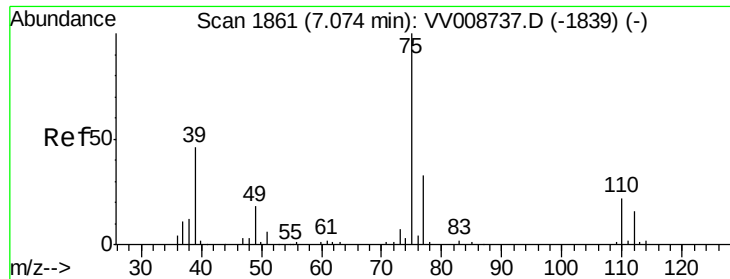


Abundance Ion 82.95 (82.65 to 83.65): VV008737.D (-1686) (-)

Ion 85.00 (84.70 to 85.70): VV008737.D (-1686) (-)

Ion 126.90 (126.60 to 127.60): VV008737.D (-1686) (-)

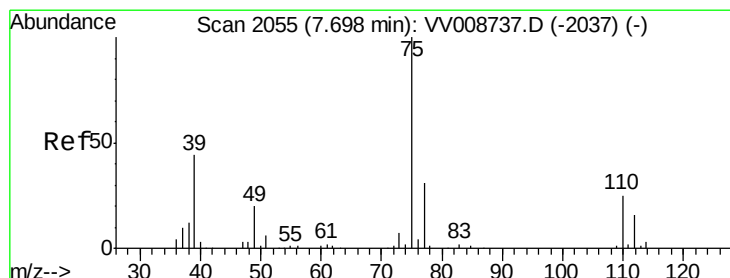
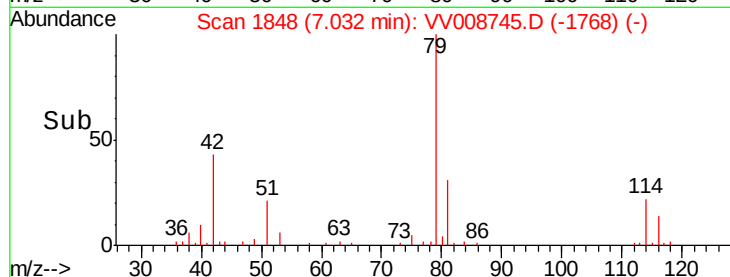
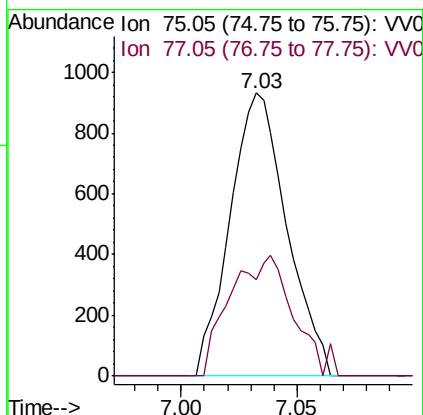
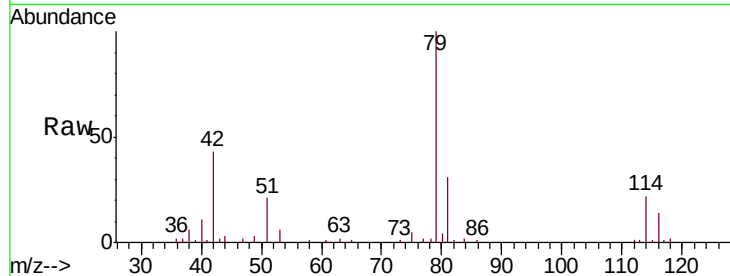




#39
 cis-1,3-Dichloropropene
 Concen: 0.112 ug/L
 RT: 7.03 min Scan# 1848
 Delta R.T. -0.04 min
 Lab File: VV008745.D
 Acq: 28 Nov 2018 18:55

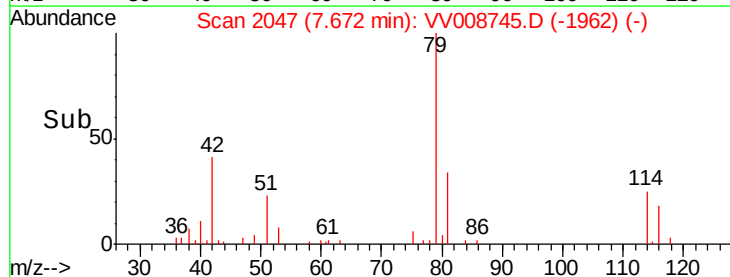
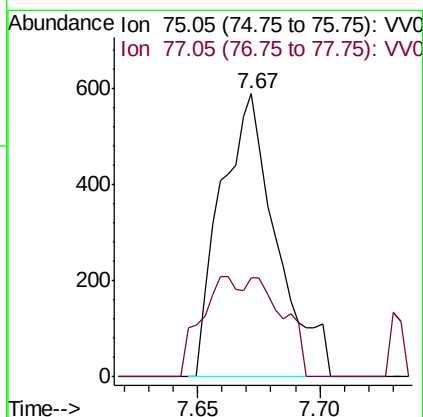
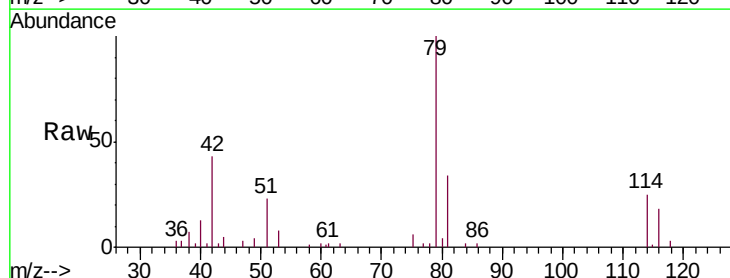
Instrument :
 MSVOA_V
 ClientSampleId :
 YALQ4

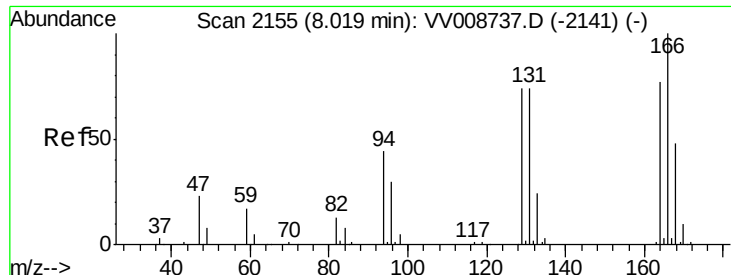
Tgt Ion: 75 Resp: 1584
 Ion Ratio Lower Upper
 75 100
 77 33.9 23.8 44.2



#44
 trans-1,3-Dichloropropene
 Concen: 0.085 ug/L
 RT: 7.67 min Scan# 2047
 Delta R.T. -0.03 min
 Lab File: VV008745.D
 Acq: 28 Nov 2018 18:55

Tgt Ion: 75 Resp: 933
 Ion Ratio Lower Upper
 75 100
 77 35.0 22.3 41.5





#47

Tetrachloroethene

Concen: 3.572 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. -0.00 min

Lab File: VV008745.D

Acq: 28 Nov 2018 18:55

Instrument :
MSVOA_V
ClientSampleId :
YALQ4

Tgt Ion:164 Resp: 31446

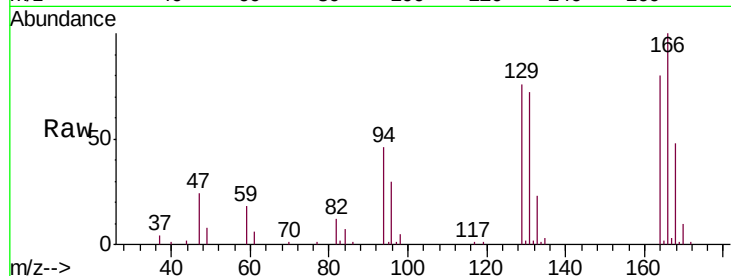
Ion Ratio Lower Upper

164 100

129 95.6 68.9 127.9

131 90.3 66.2 123.0

166 125.3 91.1 169.1

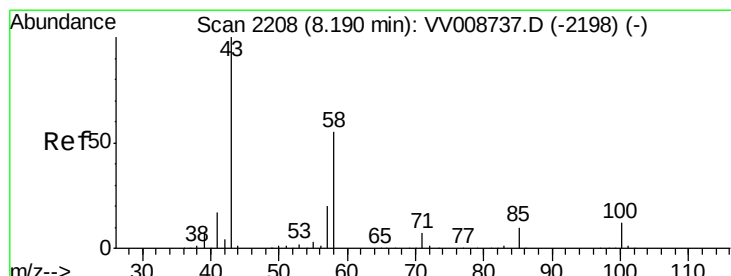
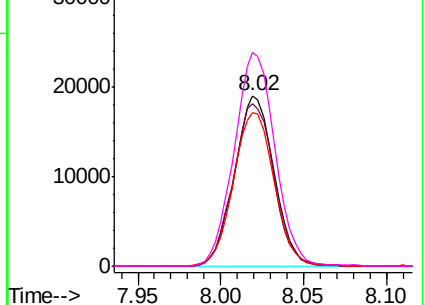
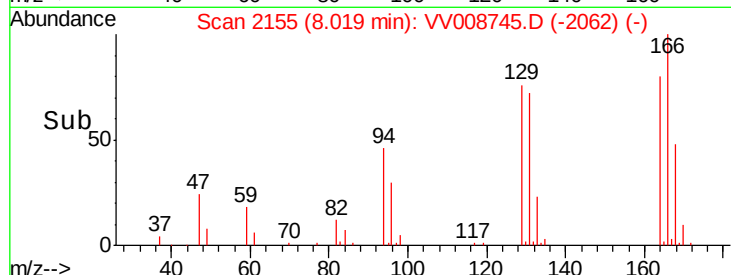


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 2.761 ug/L

RT: 8.14 min Scan# 2194

Delta R.T. -0.05 min

Lab File: VV008745.D

Acq: 28 Nov 2018 18:55

Tgt Ion: 43 Resp: 10581

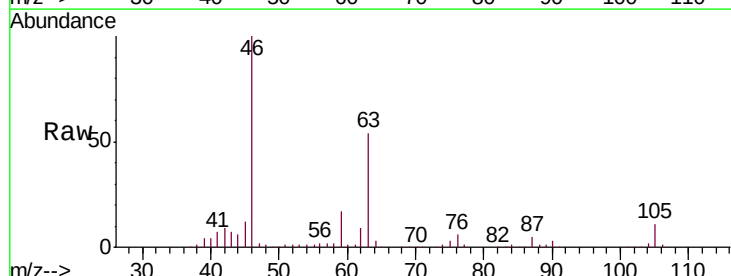
Ion Ratio Lower Upper

43 100

58 36.6 44.1 66.1#

57 28.4 15.2 22.8#

100 0.0 9.7 14.5#

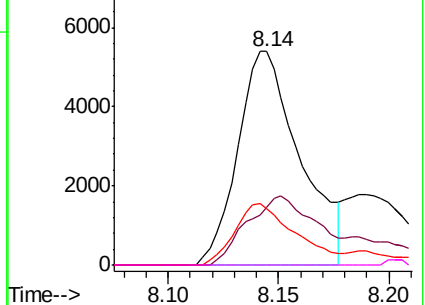
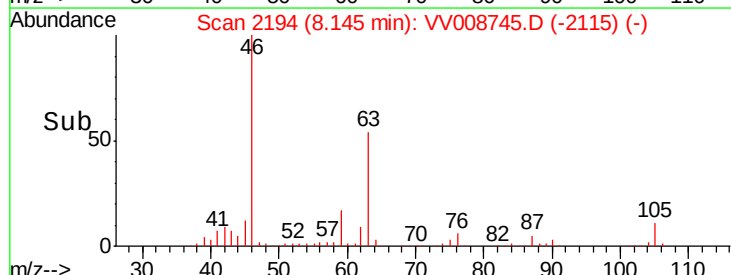


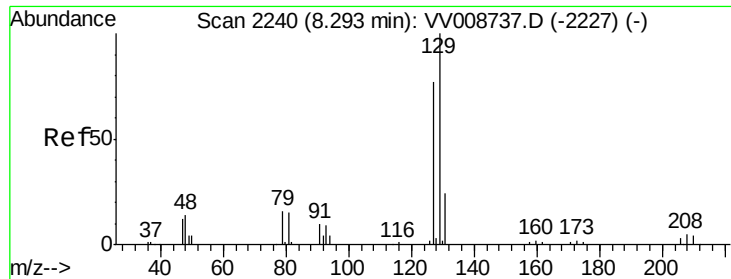
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49
 Dibromochloromethane
 Concen: 3.941 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.27 min
 Lab File: VV008745.D
 Acq: 28 Nov 2018 18:55

Instrument :
 MSVOA_V
 ClientSampleId :
 YALQ4

Tgt Ion:129 Resp: 29226
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.8 101.8#

