

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082918\
 Data File : VV007255.D
 Acq On : 29 Aug 2018 14:01
 Operator : SY/MD
 Sample : J4649-06
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 04:43:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 04:42:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	216885	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218771	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99933	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70458	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	64221	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.13	63	98149	3.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.60%
20) 2-Butanone-d5	3.97	46	227738	59.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.48%
24) Chloroform-d	4.41	84	161828	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.09	65	84387	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	302128	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	102879	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.37	98	226015	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	7.67	79	32527	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.15	63	91112	48.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.42%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86090	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	103637	5.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.00%

Target Compounds

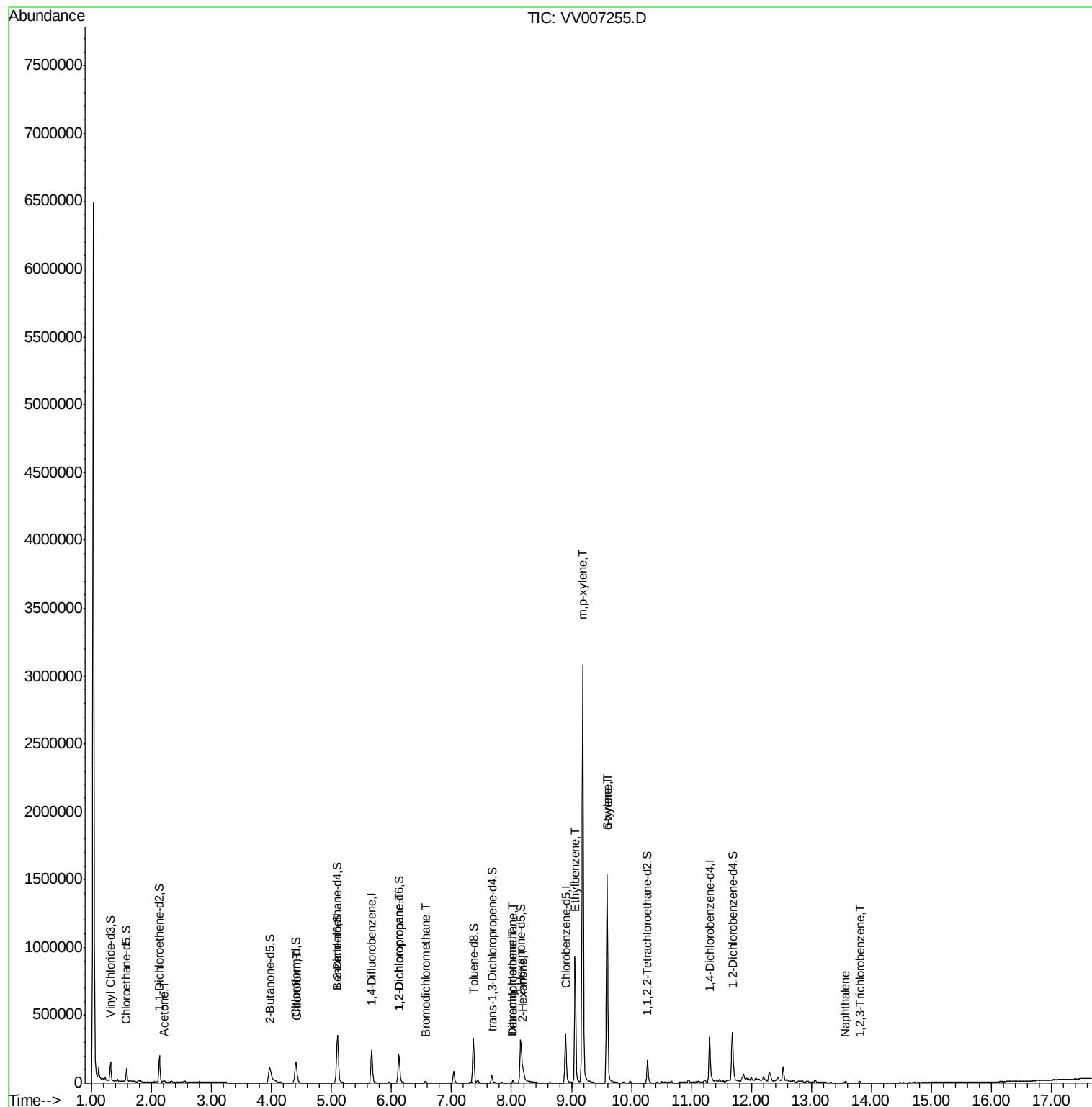
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.21	43	8893	4.613	ug/L	95
25) Chloroform	4.43	83	11735	0.394	ug/L	97
37) 1,2-Dichloropropane	6.12	63	10779	0.627	ug/L #	85
38) Bromodichloromethane	6.56	83	9112	0.442	ug/L	87
47) Tetrachloroethene	8.03	164	3703	0.274	ug/L	92
48) 2-Hexanone	8.20	43	33582	4.995	ug/L #	87
49) Dibromochloromethane	8.02	129	2880	0.206	ug/L #	10
52) Ethylbenzene	9.06	91	638042	9.982	ug/L	99
53) m,p-xylene	9.19	106	895263	36.780	ug/L	99
54) o-xylene	9.59	106	428697	18.925	ug/L	100
55) Styrene	9.59	104	28401	0.715	ug/L #	1
69) Naphthalene	13.57	128	8487	0.460	ug/L #	95
70) 1,2,3-Trichlorobenzene	13.80	180	3837	0.265	ug/L	96

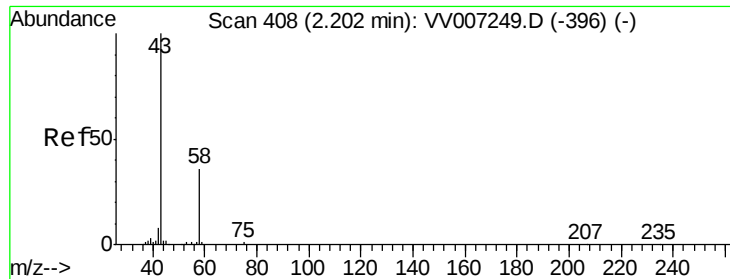
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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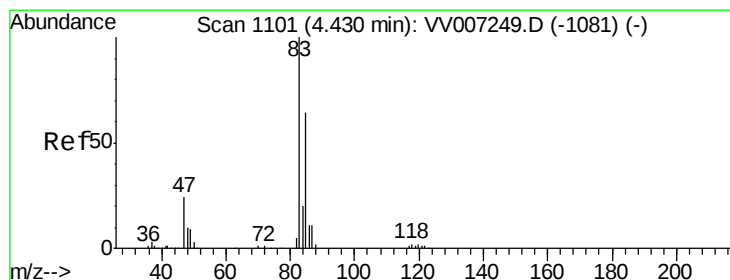
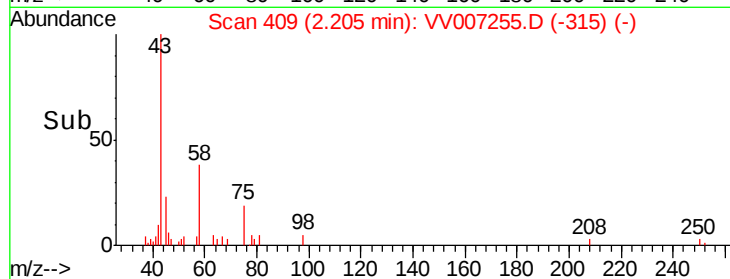
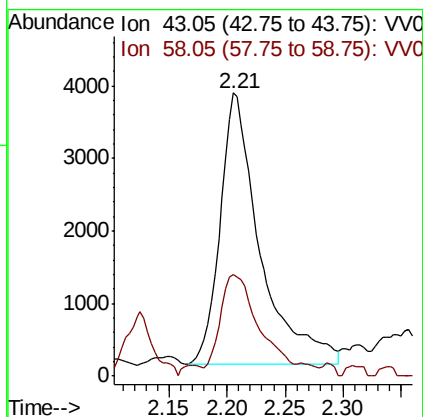
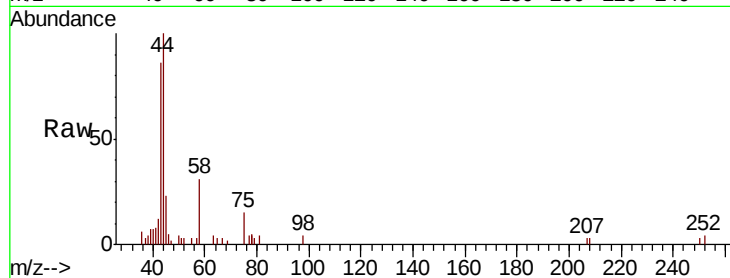




#13
Acetone
Concen: 4.613 ug/L
RT: 2.21 min Scan# 409
Delta R.T. 0.00 min
Lab File: VV007255.D
Acq: 29 Aug 2018 14:01

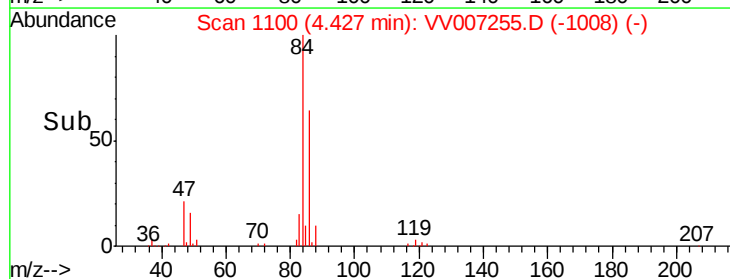
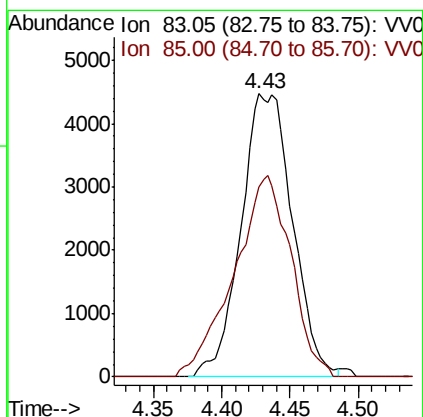
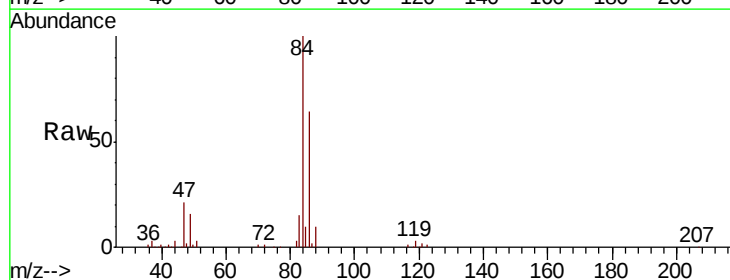
Instrument :
MSVOA_V
ClientSampleId :

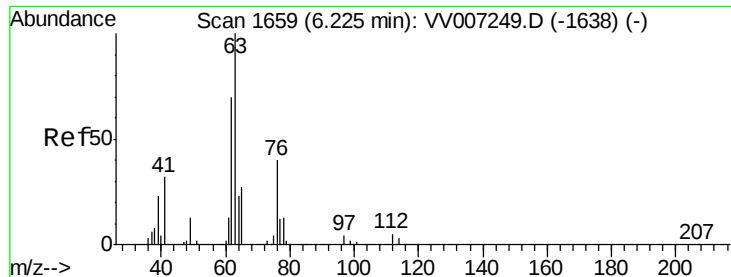
Tot Ion: 43 Resp: 8893
Ion Ratio Lower Upper
43 100
58 32.0 0.0 70.2



#25
Chloroform
Concen: 0.394 ug/L
RT: 4.43 min Scan# 1100
Delta R.T. -0.00 min
Lab File: VV007255.D
Acq: 29 Aug 2018 14:01

Tgt Ion: 83 Resp: 11735
Ion Ratio Lower Upper
83 100
85 66.9 45.0 83.6





#37

1,2-Dichloropropane

Concen: 0.627 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV007255.D

Acq: 29 Aug 2018 14:01

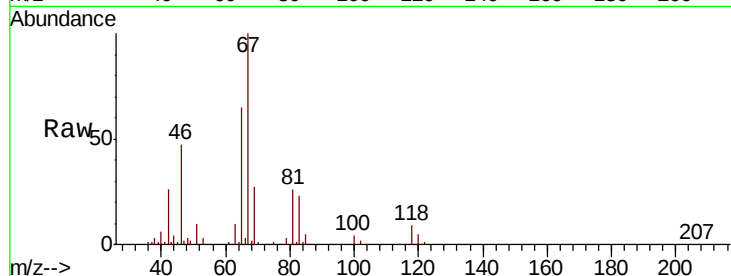
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 10779

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



Abundance Ion 63.10 (62.80 to 63.80): VV007249.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VV007249.D (-1638) (-)

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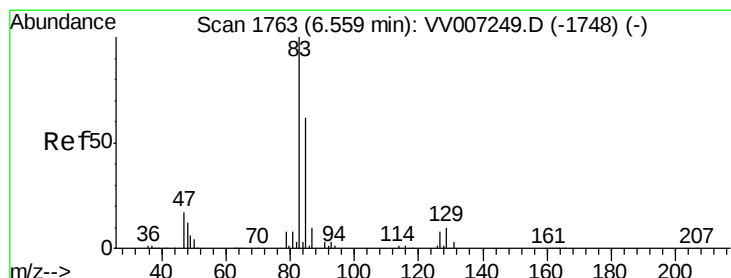
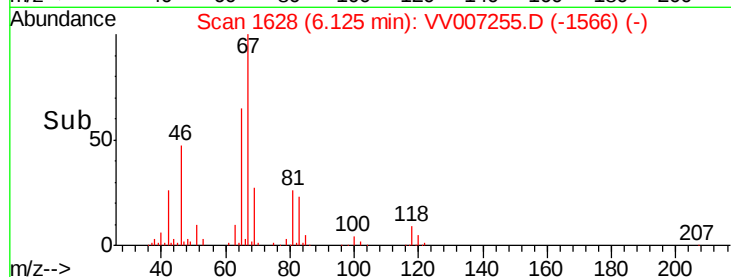
6.12

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#38

Bromodichloromethane

Concen: 0.442 ug/L

RT: 6.56 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VV007255.D

Acq: 29 Aug 2018 14:01

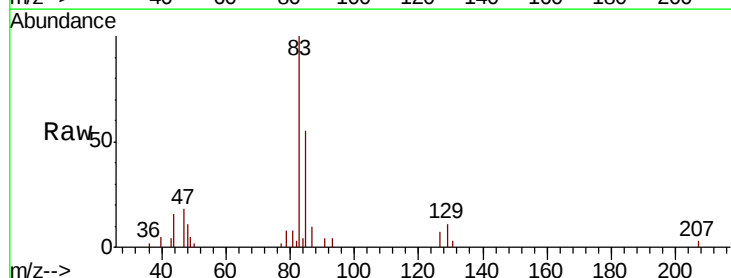
Tgt Ion: 83 Resp: 9112

Ion Ratio Lower Upper

83 100

85 55.0 46.5 86.5

127 7.3 6.6 10.0



Abundance Ion 82.95 (82.65 to 83.65): VV007249.D (-1748) (-)

Ion 85.00 (84.70 to 85.70): VV007249.D (-1748) (-)

Ion 126.90 (126.60 to 127.60): VV007249.D (-1748) (-)

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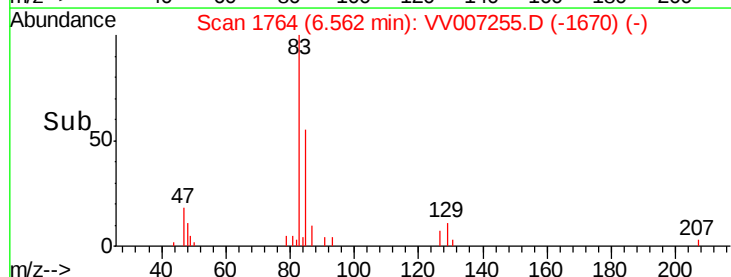
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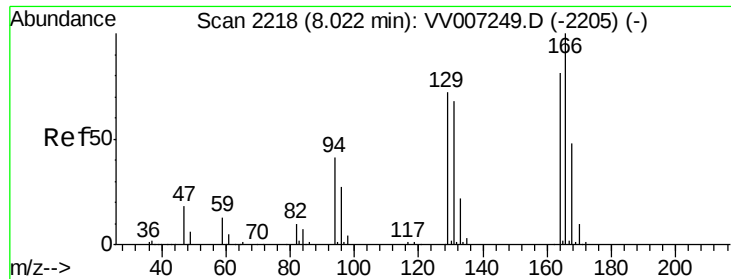
6.56

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6.56



#47

Tetrachloroethene

Concen: 0.274 ug/L

RT: 8.03 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VV007255.D

Acq: 29 Aug 2018 14:01

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 3703

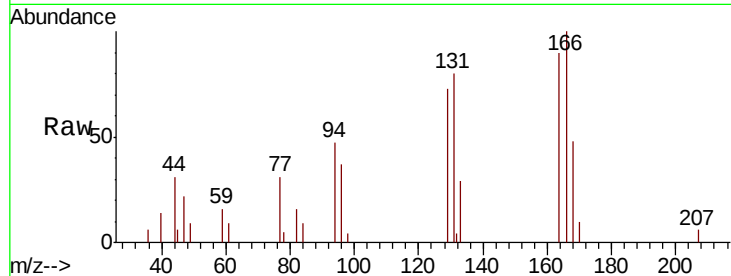
Ion Ratio Lower Upper

164 100

129 80.9 62.7 116.5

131 88.5 60.1 111.7

166 111.2 86.4 160.4

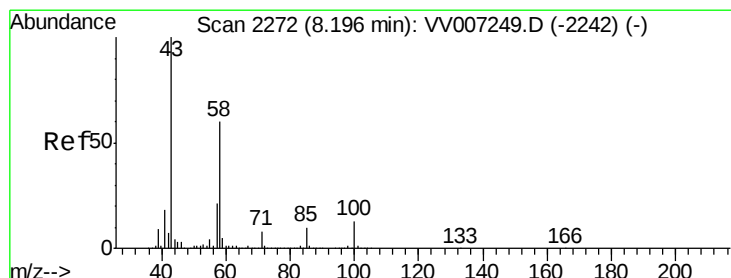
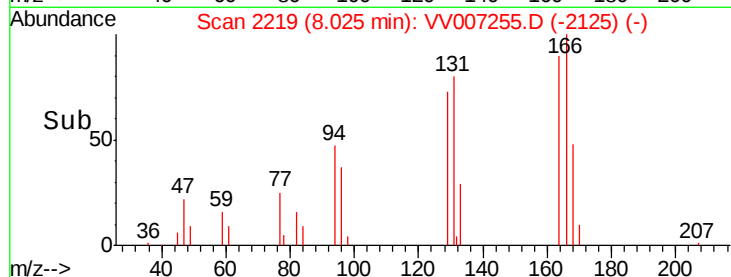
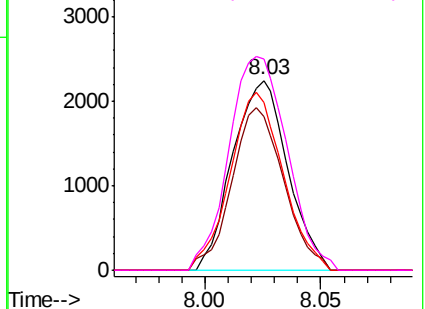


Abundance Ion 163.90 (163.60 to 164.60): V

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: 4.995 ug/L

RT: 8.20 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VV007255.D

Acq: 29 Aug 2018 14:01

Tgt Ion: 43 Resp: 33582

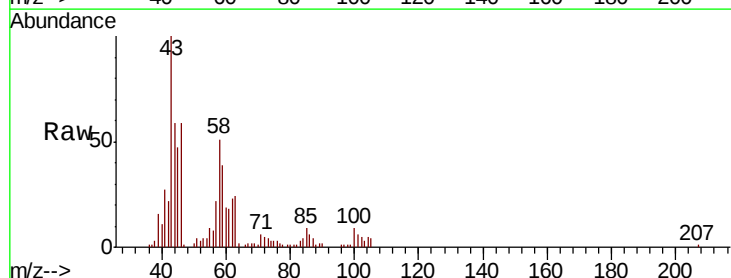
Ion Ratio Lower Upper

43 100

58 48.6 50.0 75.0#

57 21.4 16.6 25.0

100 9.3 10.2 15.4#

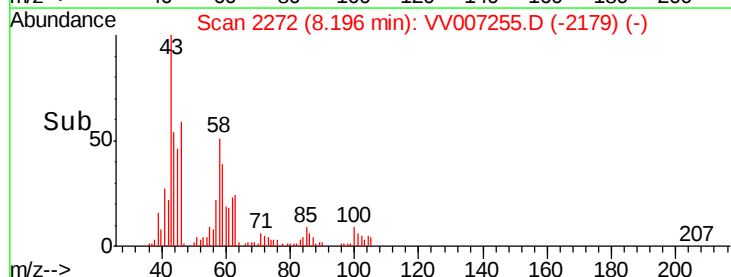
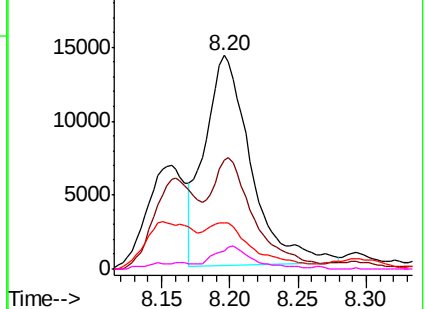


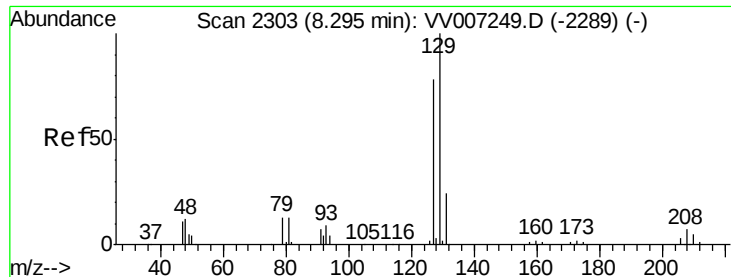
Abundance Ion 43.05 (42.75 to 43.75): VV0

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: 0.206 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.27 min

Lab File: VV007255.D

Acq: 29 Aug 2018 14:01

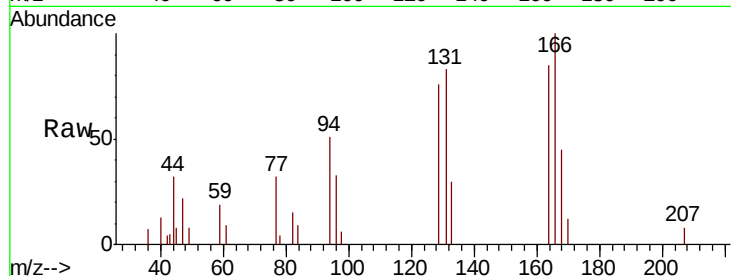
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 2880

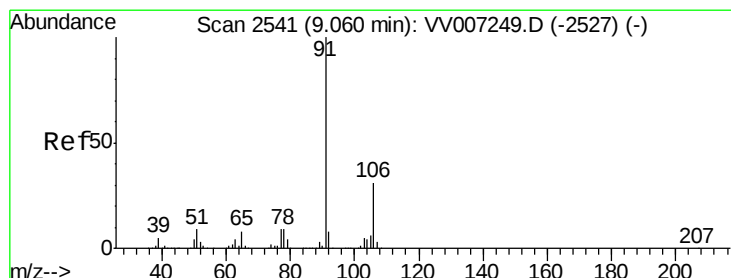
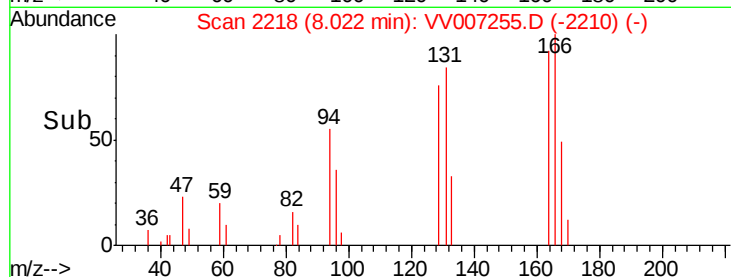
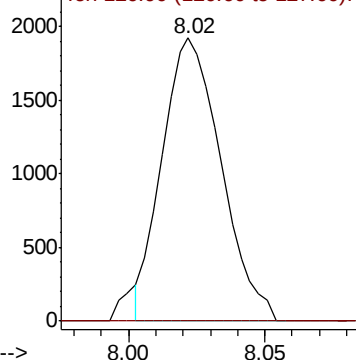
Ion Ratio Lower Upper

129 100

127 0.0 54.9 101.9#



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



#52

Ethylbenzene

Concen: 9.982 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV007255.D

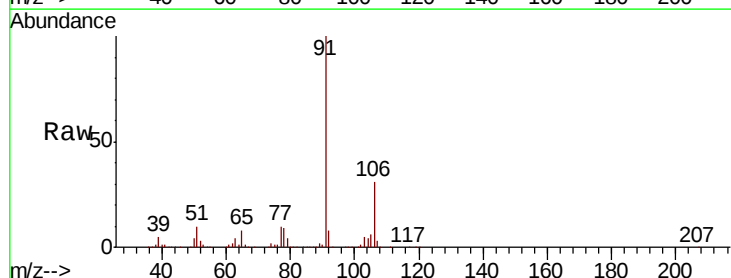
Acq: 29 Aug 2018 14:01

Tgt Ion: 91 Resp: 638042

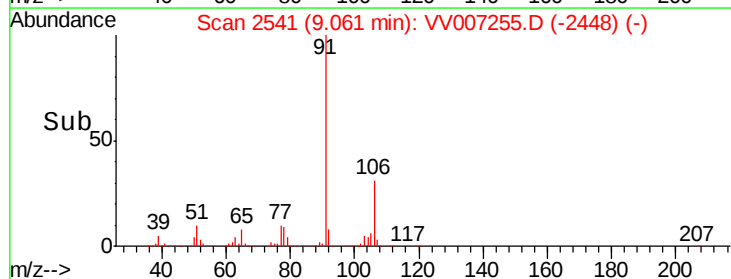
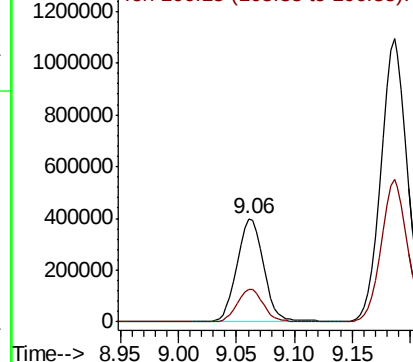
Ion Ratio Lower Upper

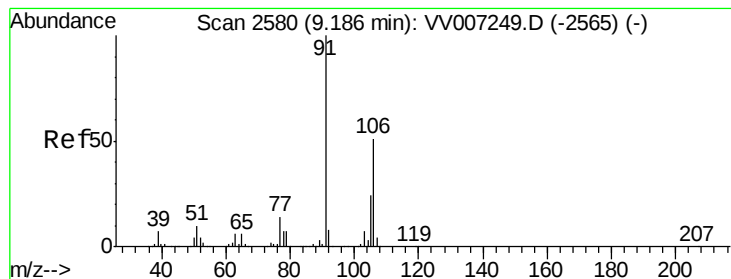
91 100

106 31.5 22.3 41.3



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 36.780 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV007255.D

Acq: 29 Aug 2018 14:01

Instrument :

MSVOA_V

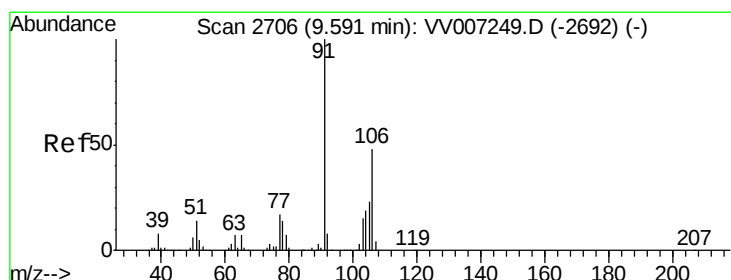
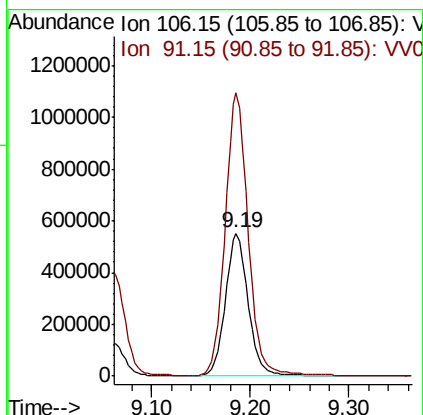
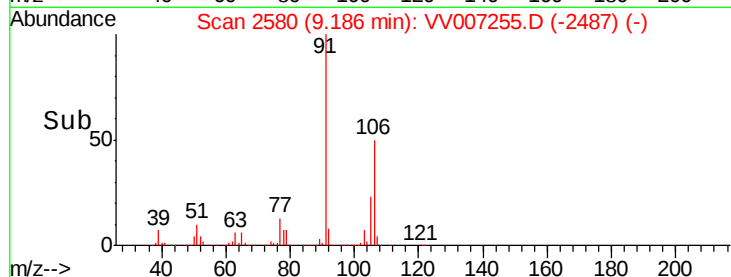
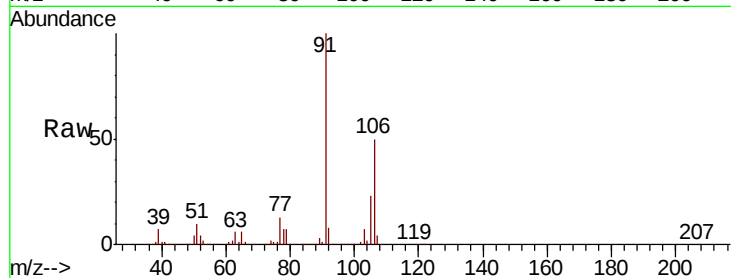
ClientSampled :

Tot Ion:106 Resp: 895263

Ion Ratio Lower Upper

106 100

91 198.5 138.4 257.0



#54

o-xylene

Concen: 18.925 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV007255.D

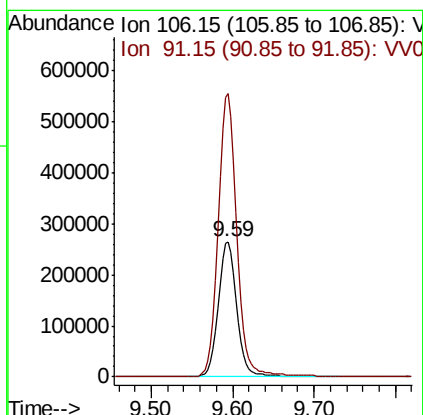
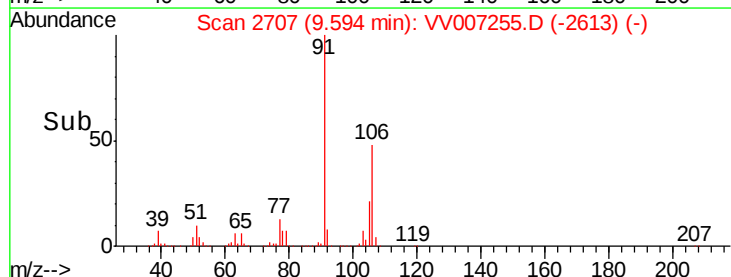
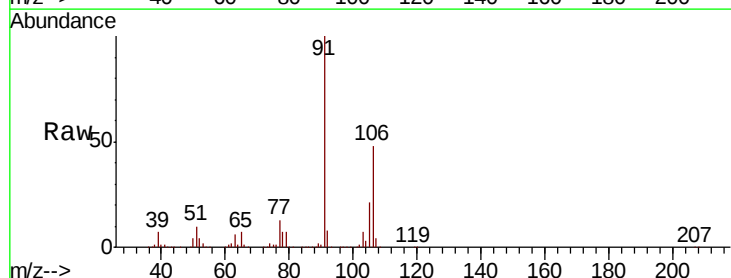
Acq: 29 Aug 2018 14:01

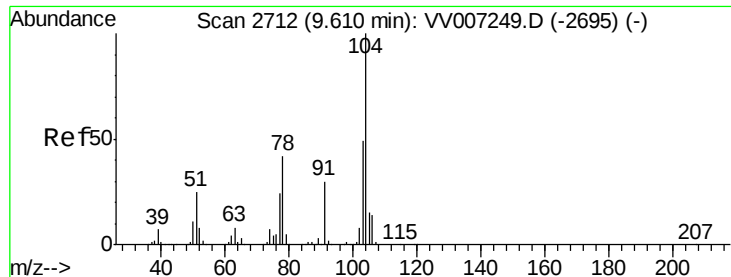
Tgt Ion:106 Resp: 428697

Ion Ratio Lower Upper

106 100

91 209.5 146.9 272.7





#55

Stvrene

Concen: 0.715 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. -0.02 min

Lab File: VV007255.D

Acq: 29 Aug 2018 14:01

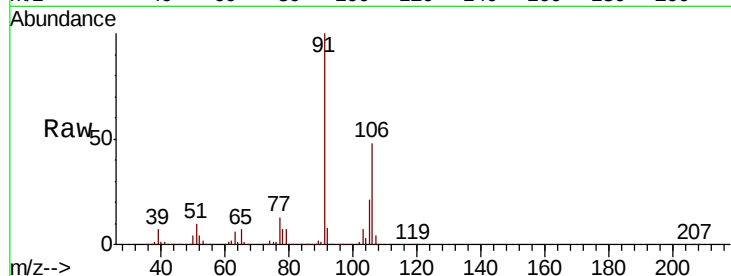
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:104 Resp: 28401

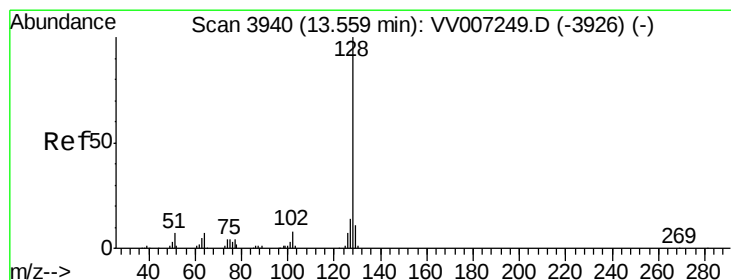
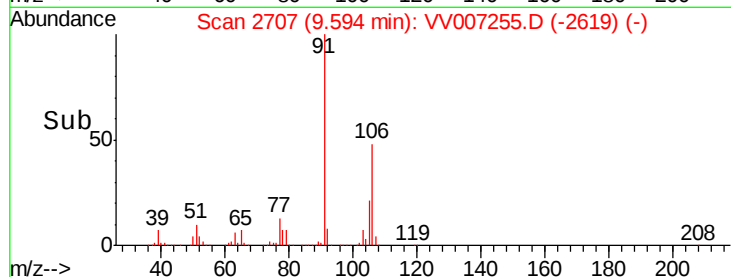
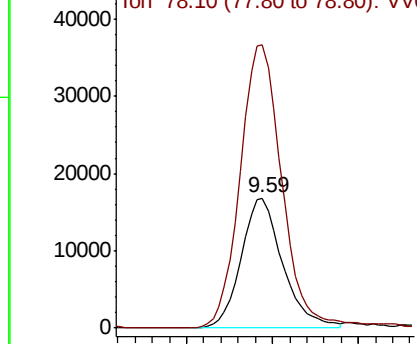
Ion Ratio Lower Upper

104 100

78 217.9 30.2 56.2#



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0



#69

Naphthalene

Concen: 0.460 ug/L

RT: 13.57 min Scan# 3942

Delta R.T. 0.01 min

Lab File: VV007255.D

Acq: 29 Aug 2018 14:01

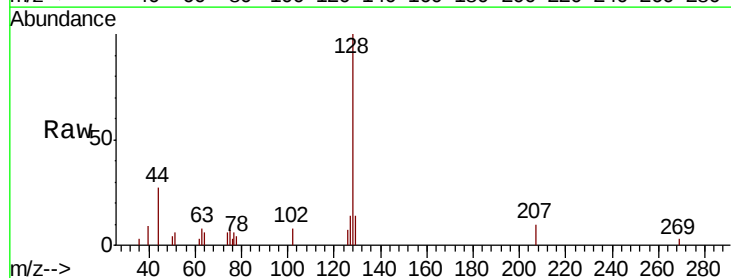
Tgt Ion:128 Resp: 8487

Ion Ratio Lower Upper

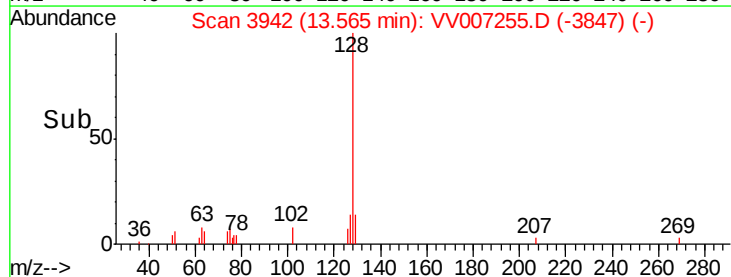
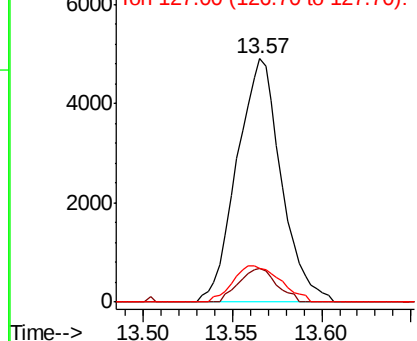
128 100

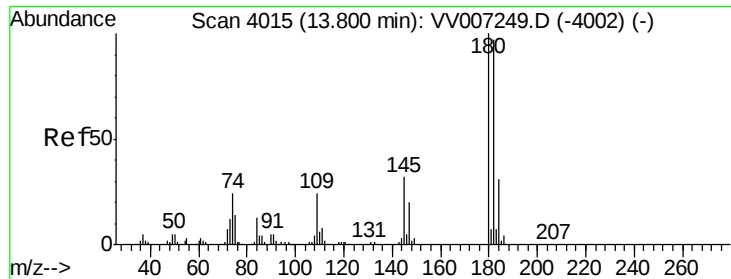
129 11.7 8.9 13.3

127 16.0 10.6 15.8#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

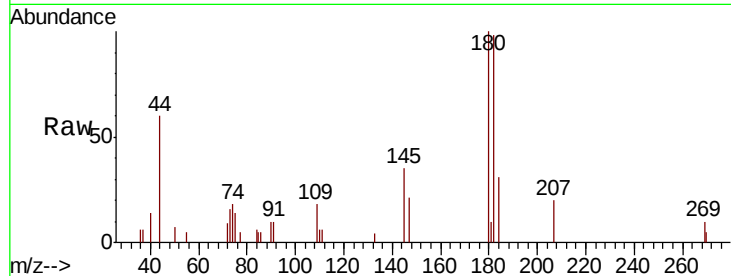




#70
 1,2,3-Trichlorobenzene
 Concen: 0.265 ug/L
 RT: 13.80 min Scan# 4016
 Delta R.T. 0.00 min
 Lab File: VV007255.D
 Acq: 29 Aug 2018 14:01

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.2	77.0	115.4
145	32.0	23.8	35.8



Abundance

Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

