

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008321.D
 Acq On : 17 Oct 2018 03:12
 Operator : SY/MD
 Sample : J5463-08
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JB9

Quant Time: Oct 17 05:06:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 05:02:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.69	114	32700	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.91	117	79670	5.00	ug/L	0.01
60) 1,4-Dichlorobenzene-d4	11.30	152	39180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24505	13.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	265.20%#
7) Chloroethane-d5	1.58	69	15575	10.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	213.60%#
11) 1,1-Dichloroethene-d2	2.14	63	58451	16.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	329.80%#
20) 2-Butanone-d5	4.00	46	72798	117.45	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	234.90%#
24) Chloroform-d	4.43	84	49923	12.09	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	241.80%#
26) 1,2-Dichloroethane-d4	5.11	65	25013	11.94	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	238.80%#
32) Benzene-d6	5.16	84	50250	2.15	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	43.00%#
36) 1,2-Dichloropropane-d6	5.99	67	228536	29.68	ug/L	-0.13
Spiked Amount	5.000	Range	60 - 140	Recovery	=	593.60%#
41) Toluene-d8	7.39	98	87209	4.11	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	7.69	79	13182	4.13	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.15	63	64662	57.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.46%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	26203	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	31675	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	786	0.306	ug/L 88
5) Vinyl chloride	1.32	62	472210	194.081	ug/L 99
8) Chloroethane	1.32	64	146614	115.925	ug/L # 43
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	920	0.545	ug/L # 63
12) 1,1-Dichloroethene	2.15	96	43225	27.517	ug/L 84
13) Acetone	2.21	43	5511	16.433	ug/L 88
14) Carbon disulfide	2.33	76	4327	0.801	ug/L # 86
15) Methyl Acetate	2.45	43	407	0.488	ug/L # 50
16) Methylene chloride	2.55	84	1493	0.821	ug/L 78
18) trans-1,2-Dichloroethene	2.80	96	124018	73.379	ug/L 95
19) 1,1-Dichloroethane	3.24	63	78342	22.436	ug/L 96
21) 2-Butanone	4.03	43	2058	2.955	ug/L # 49
22) cis-1,2-Dichloroethene	3.99	96	26383351	9668.726	ug/L # 91
25) Chloroform	4.45	83	168774	39.435	ug/L 98
27) 1,2-Dichloroethane	5.20	62	39895	15.680	ug/L 100
29) 1,1,1-Trichloroethane	4.70	97	63451	6.395	ug/L 98
31) Carbon tetrachloride	4.94	117	1777	0.213	ug/L 87

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

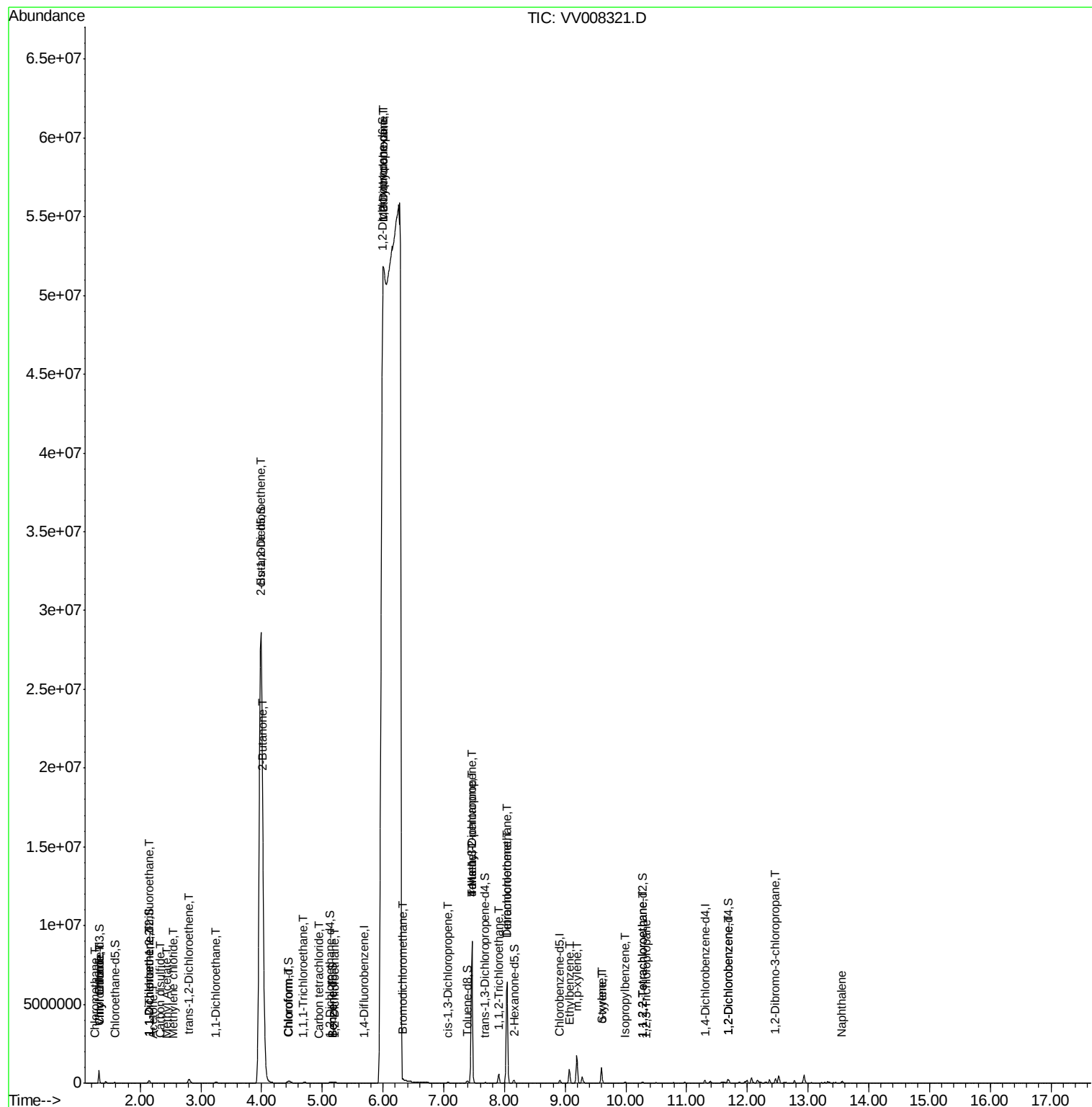
33) Benzene	5.17	78	2375	0.088	ug/L	100
35) Methylcyclohexane	6.00	83	732163	58.357	ug/L #	1
37) 1,2-Dichloropropane	6.00	63	134885	18.619	ug/L #	91
38) Bromodichloromethane	6.32	83	4708	0.579	ug/L #	60
39) cis-1,3-Dichloropropene	7.07	75	936	0.091	ug/L #	18
40) 4-Methyl-2-pentanone	7.46	43	46616	10.508	ug/L #	44
42) Toluene	7.46	91	6175671	220.679	ug/L	98
44) trans-1,3-Dichloropropene	7.46	75	45094	5.452	ug/L #	1
45) 1,1,2-Trichloroethane	7.90	97	168340	37.434	ug/L	97
47) Tetrachloroethene	8.04	164	1278999	274.379	ug/L	97
49) Dibromochloromethane	8.04	129	1356691	264.672	ug/L #	10
52) Ethylbenzene	9.07	91	598448	19.448	ug/L	99
53) m,p-xylene	9.19	106	475501	42.722	ug/L	98
54) o-xylene	9.60	106	245388	22.129	ug/L	99
55) Styrene	9.60	104	14513	0.813	ug/L #	1
56) Isopropylbenzene	9.98	105	28978	0.992	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	3158	0.617	ug/L #	88
59) 1,2,3-Trichloropropane	10.33	75	3470	0.856	ug/L	90
65) 1,2-Dichlorobenzene	11.70	146	2890	0.227	ug/L	92
66) 1,2-Dibromo-3-chloropropan	12.46	75	1124	1.172	ug/L #	3
69) Naphthalene	13.56	128	93465	8.209	ug/L	98

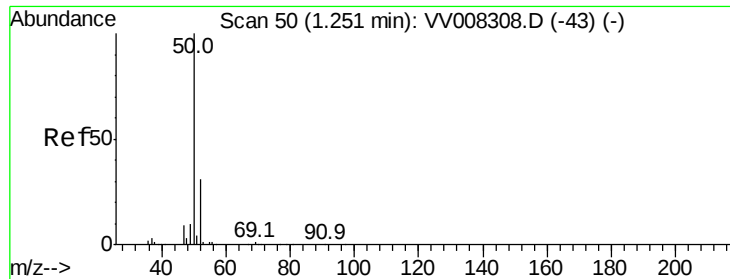
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#3

Chloromethane

Concen: 0.306 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

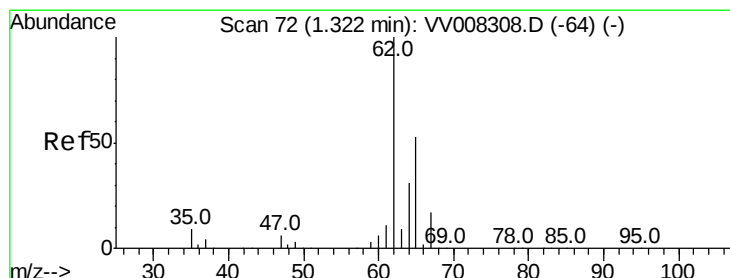
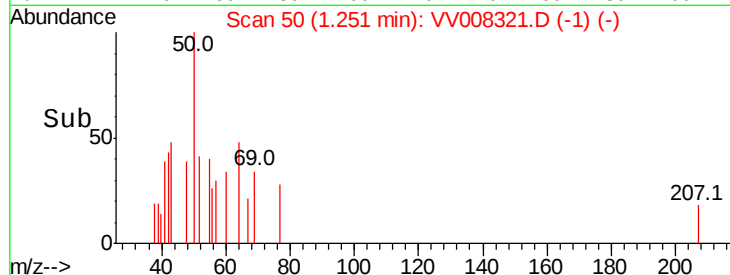
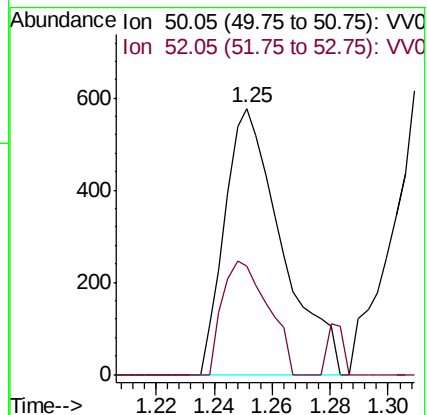
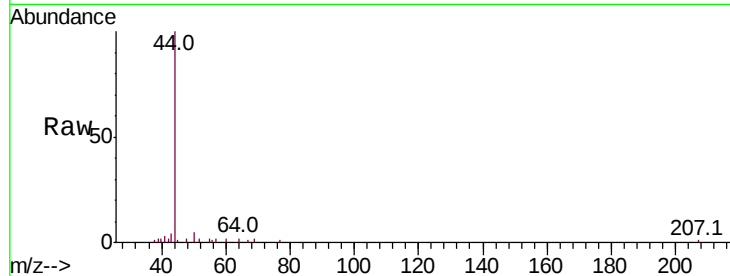
C0JB9

Tot Ion: 50 Resp: 786

Ion Ratio Lower Upper

50 100

52 40.9 23.7 43.9



#5

Vinyl chloride

Concen: 194.081 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV008321.D

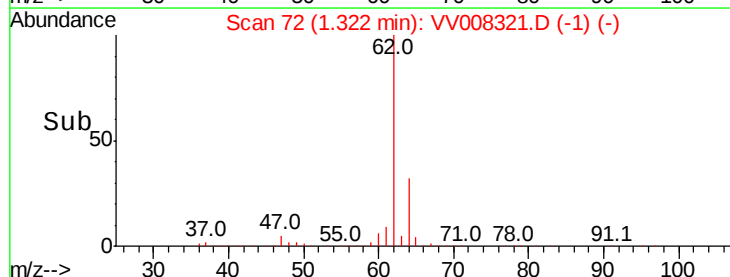
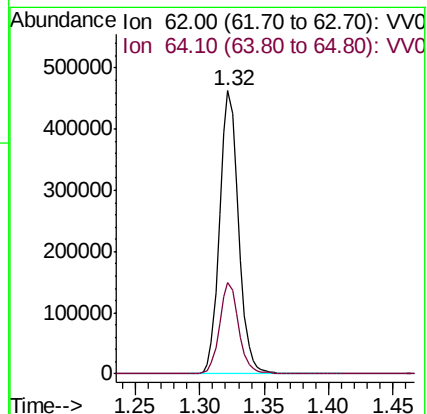
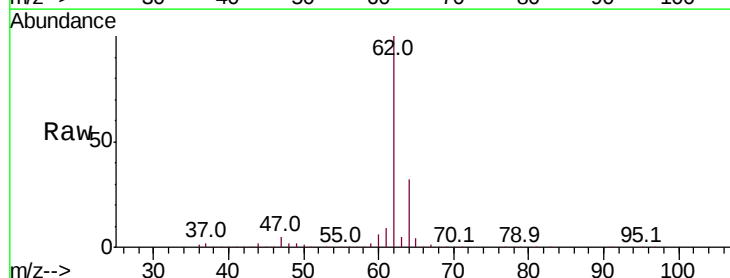
Acq: 17 Oct 2018 03:12

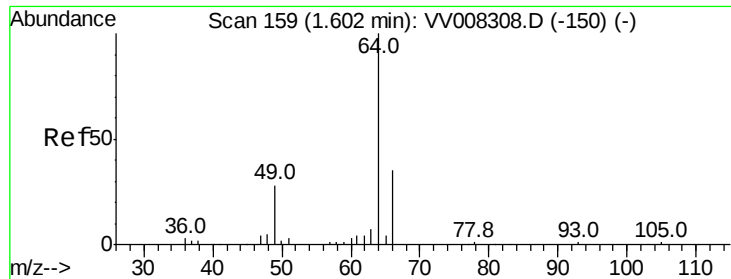
Tgt Ion: 62 Resp: 472210

Ion Ratio Lower Upper

62 100

64 32.2 22.9 42.5





#8

Chloroethane

Concen: 115.925 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.28 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

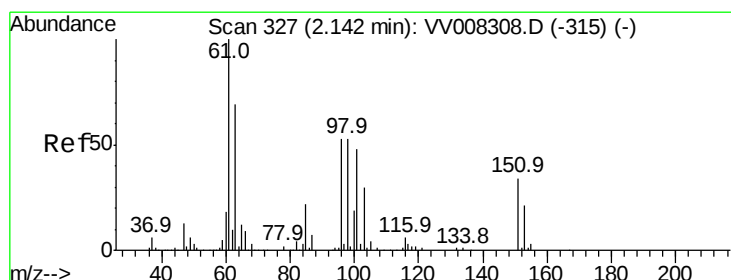
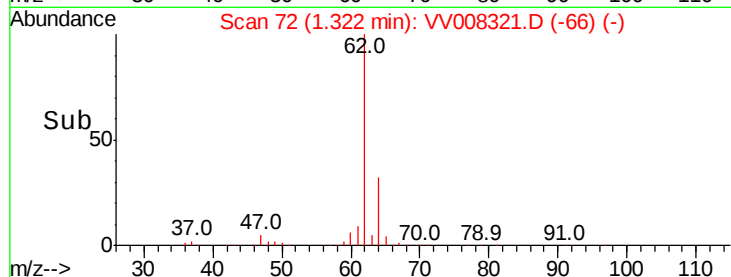
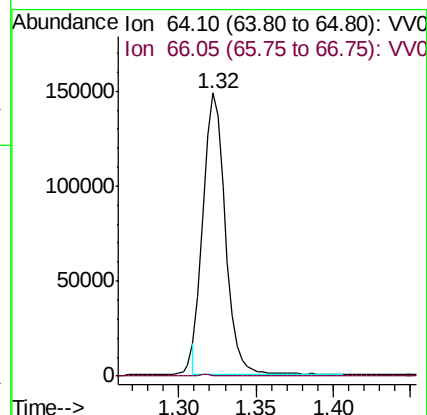
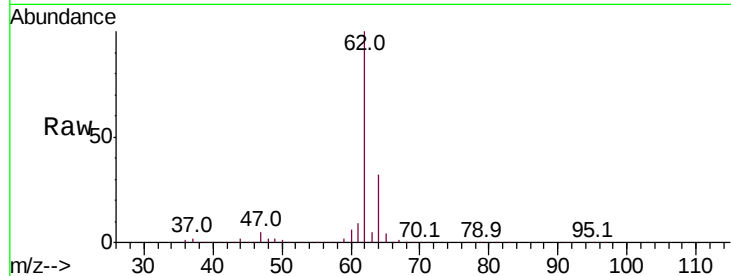
C0JB9

Tot Ion: 64 Resp: 146614

Ion Ratio Lower Upper

64 100

66 0.4 22.5 41.9#



#10

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

Concen: 0.545 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

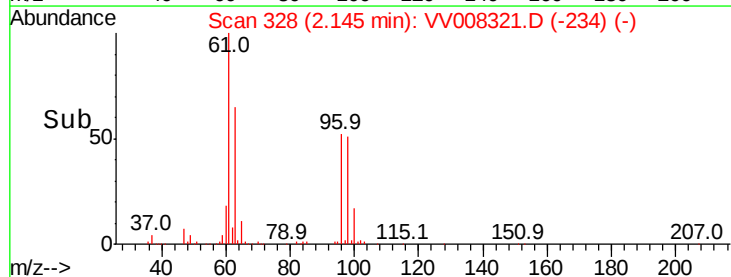
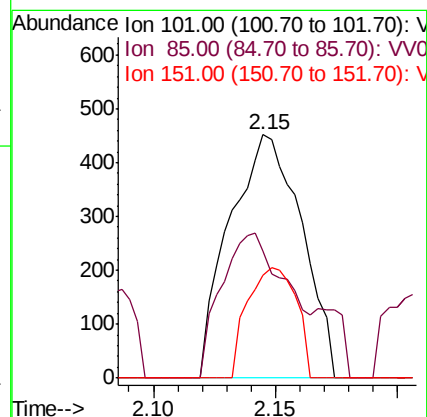
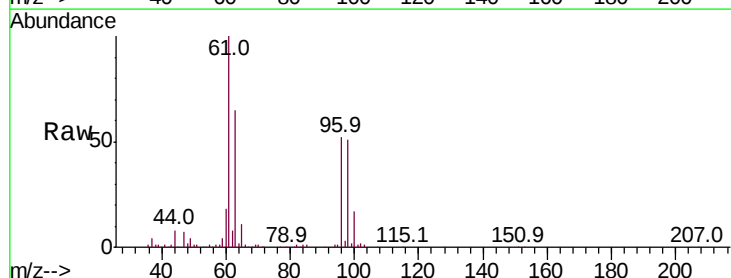
Tgt Ion:101 Resp: 920

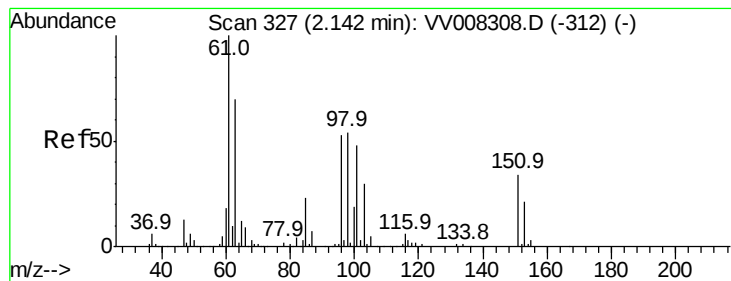
Ion Ratio Lower Upper

101 100

85 55.9 37.4 56.2

151 30.7 59.0 88.6#





#12

1,1-Dichloroethene

Concen: 27.517 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.01 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :
MSVOA_V
ClientSampleId :
C0JB9

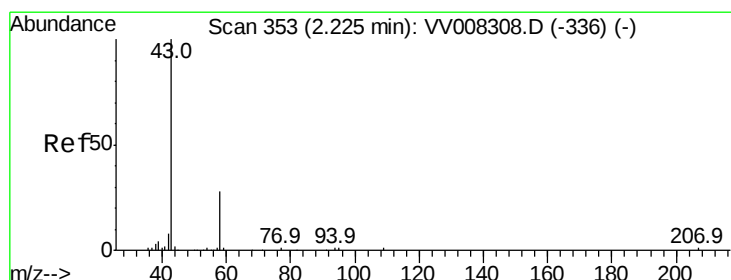
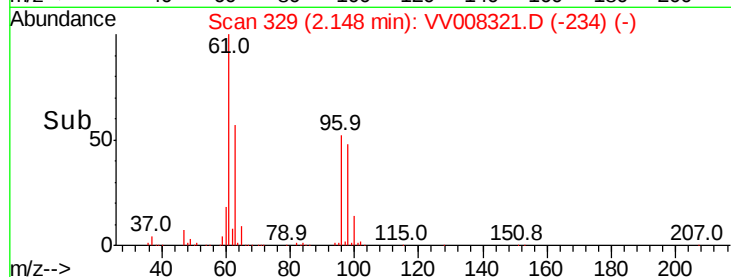
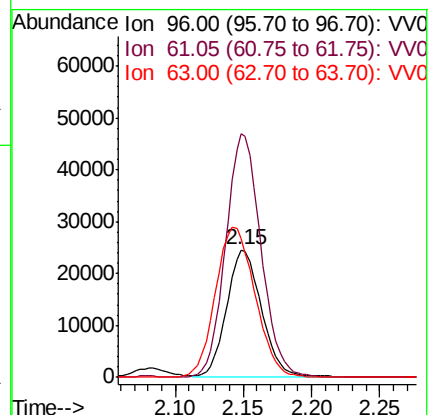
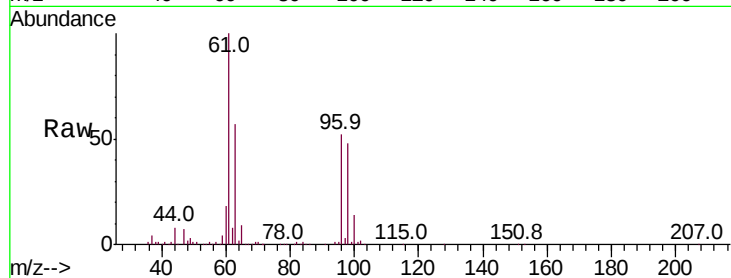
Tot Ion: 96 Resp: 43225

Ion Ratio Lower Upper

96 100

61 191.2 129.9 241.3

63 109.3 103.0 191.4



#13

Acetone

Concen: 16.433 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.01 min

Lab File: VV008321.D

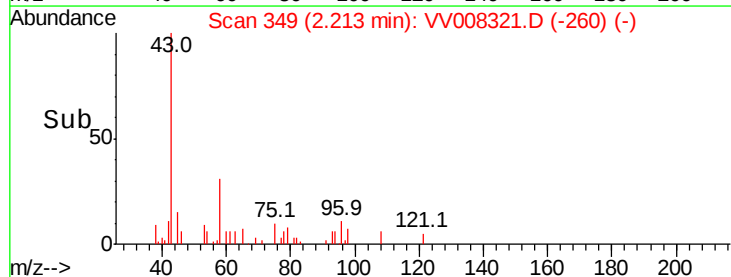
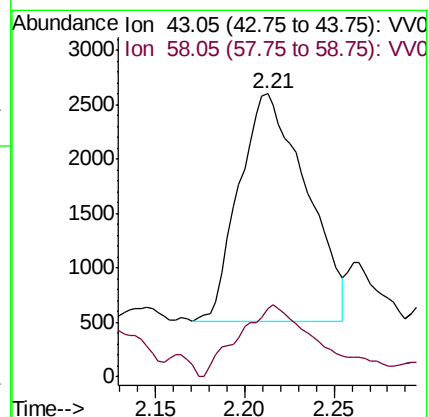
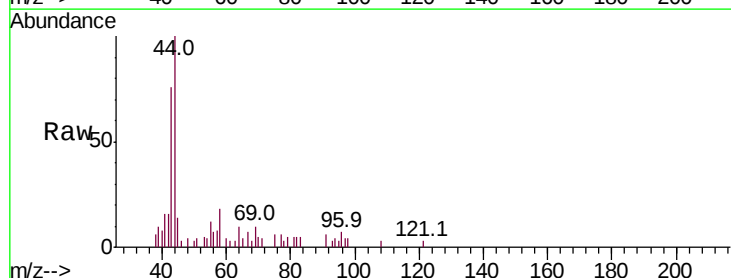
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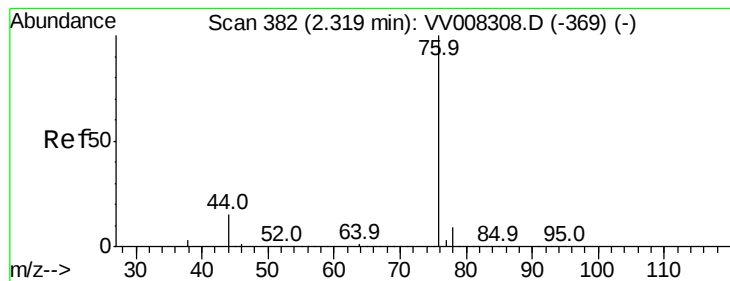
Tgt Ion: 43 Resp: 5511

Ion Ratio Lower Upper

43 100

58 37.8 0.0 62.0





#14

Carbon disulfide

Concen: 0.801 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

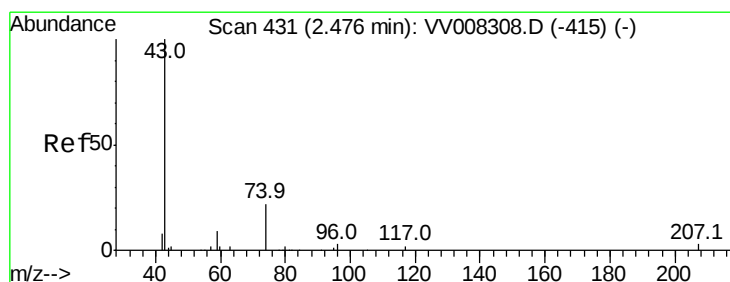
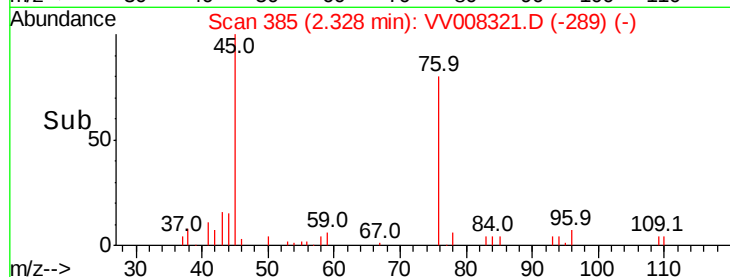
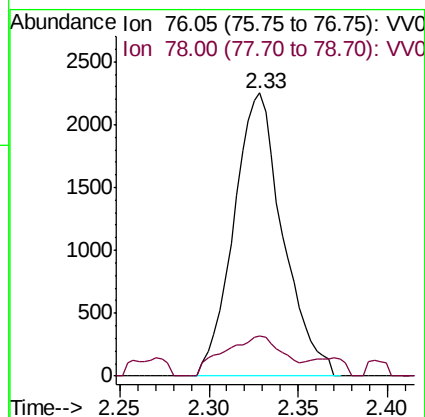
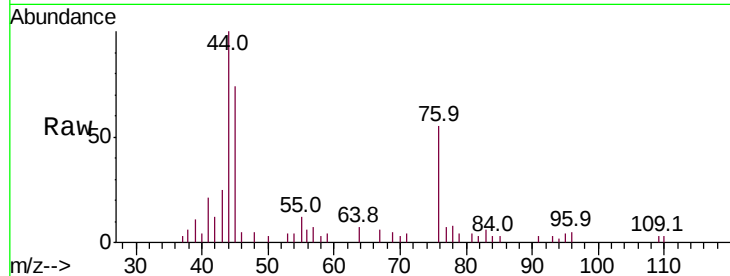
C0JB9

Tot Ion: 76 Resp: 4327

Ion Ratio Lower Upper

76 100

78 14.4 7.4 11.2#



#15

Methyl Acetate

Concen: 0.488 ug/L

RT: 2.45 min Scan# 423

Delta R.T. -0.03 min

Lab File: VV008321.D

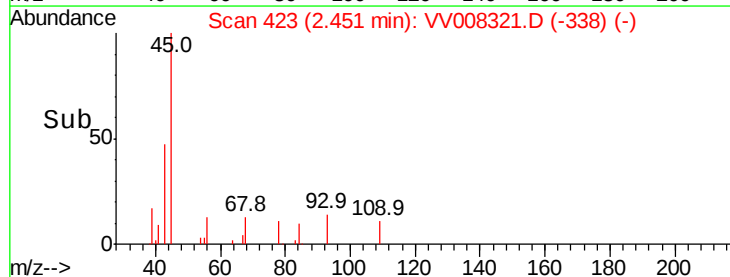
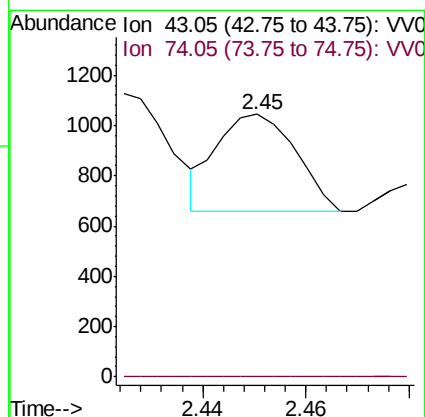
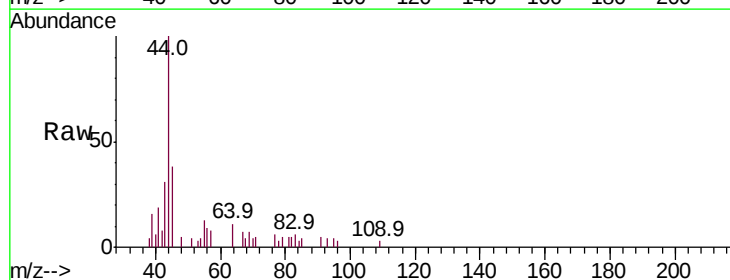
Acq: 17 Oct 2018 03:12

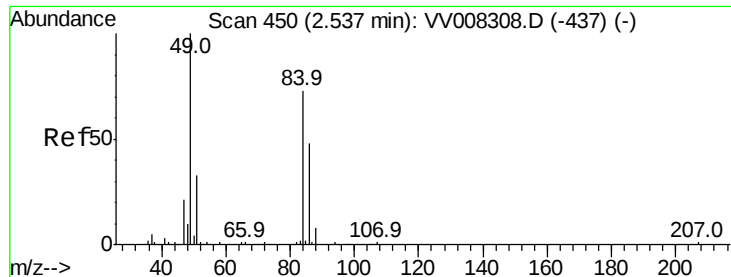
Tgt Ion: 43 Resp: 407

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#

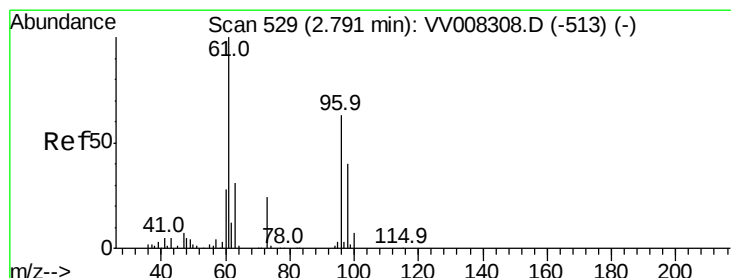
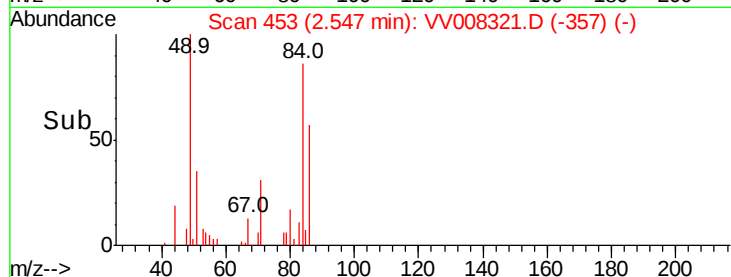
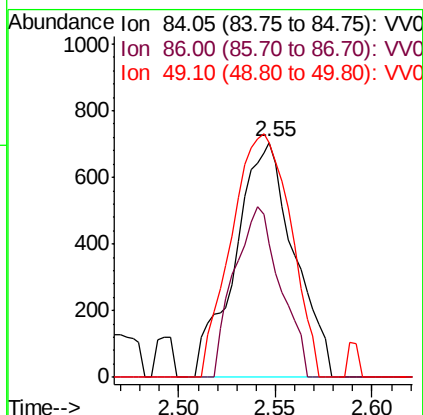
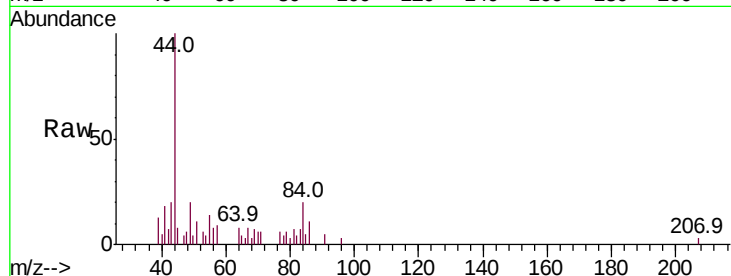




#16
Methvlene chloride
Concen: 0.821 ug/L
RT: 2.55 min Scan# 453
Delta R.T. 0.01 min
Lab File: VV008321.D
Acq: 17 Oct 2018 03:12

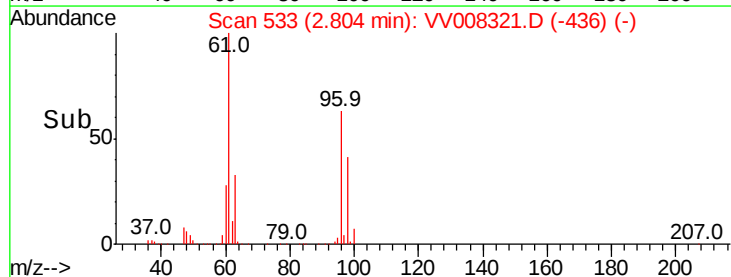
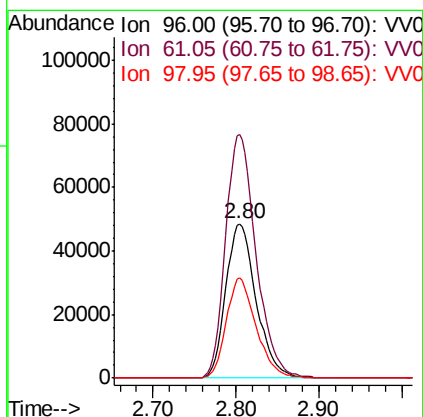
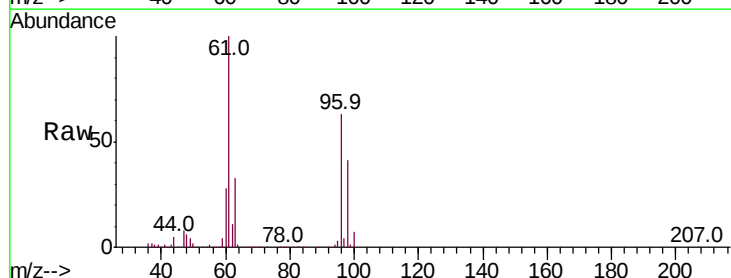
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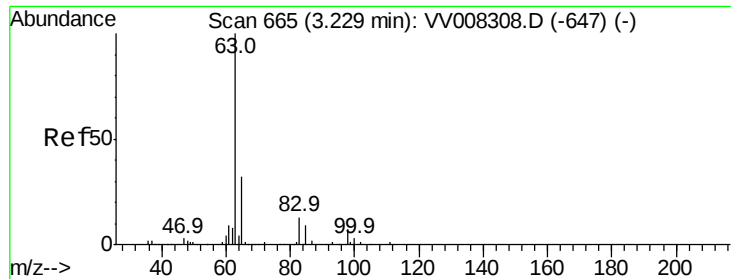
Tot Ion: 84 Resp: 1493
Ion Ratio Lower Upper
84 100
86 56.6 45.0 83.6
49 99.7 92.9 172.5



#18
trans-1,2-Dichloroethene
Concen: 73.379 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.01 min
Lab File: VV008321.D
Acq: 17 Oct 2018 03:12

Tgt Ion: 96 Resp: 124018
Ion Ratio Lower Upper
96 100
61 157.7 104.6 194.2
98 65.3 44.1 81.9

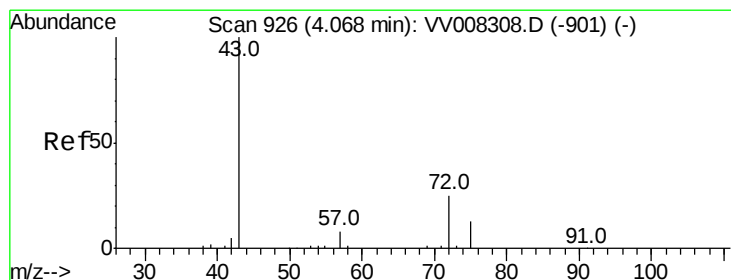
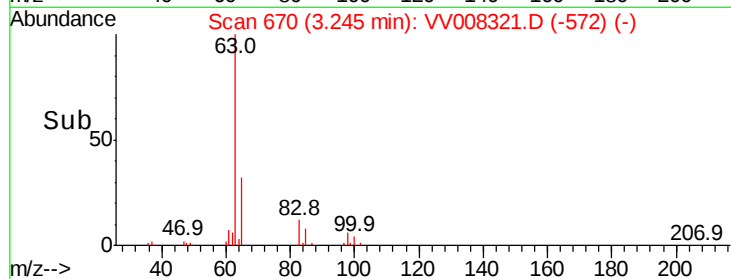
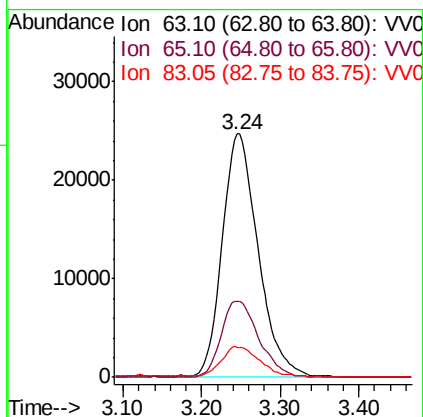
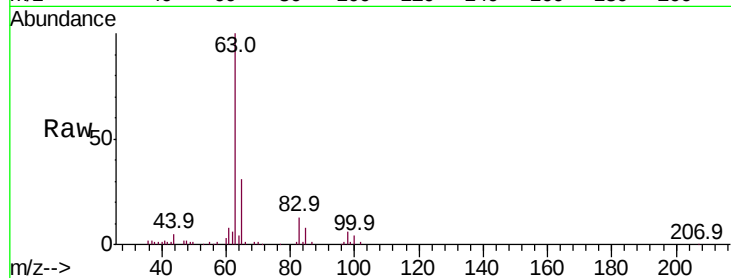




#19
 1,1-Dichloroethane
 Concen: 22.436 ug/L
 RT: 3.24 min Scan# 670
 Delta R.T. 0.02 min
 Lab File: VV008321.D
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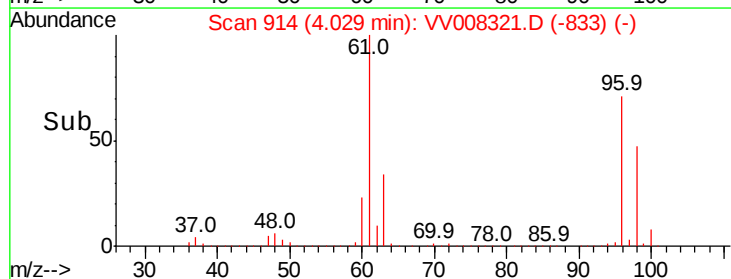
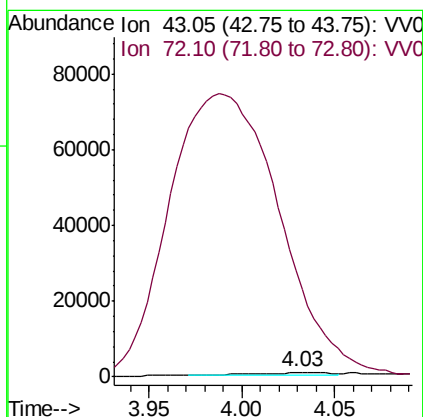
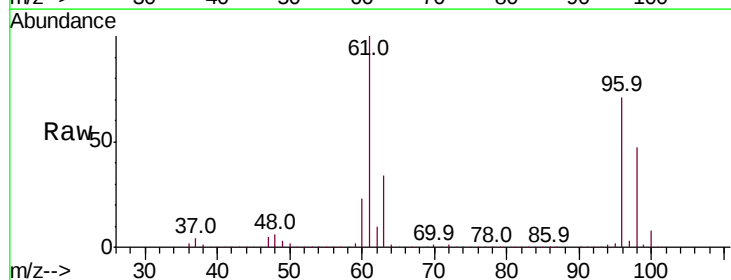
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JB9

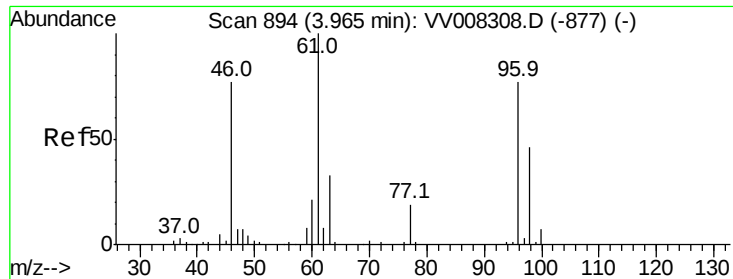
Tot Ion: 63 Resp: 78342
 Ion Ratio Lower Upper
 63 100
 65 31.4 22.6 42.0
 83 12.5 11.0 20.4



#21
 2-Butanone
 Concen: 2.955 ug/L
 RT: 4.03 min Scan# 914
 Delta R.T. -0.04 min
 Lab File: VV008321.D
 Acq: 17 Oct 2018 03:12

Tgt Ion: 43 Resp: 2058
 Ion Ratio Lower Upper
 43 100
 72 0.0 12.9 38.7#



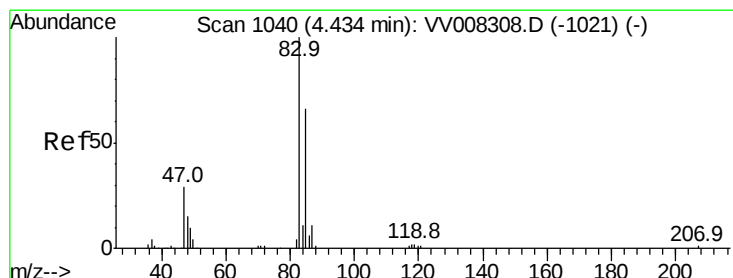
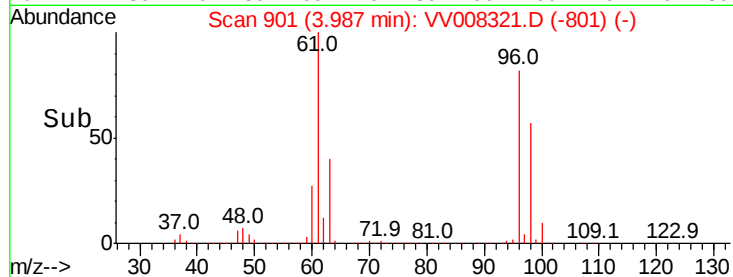
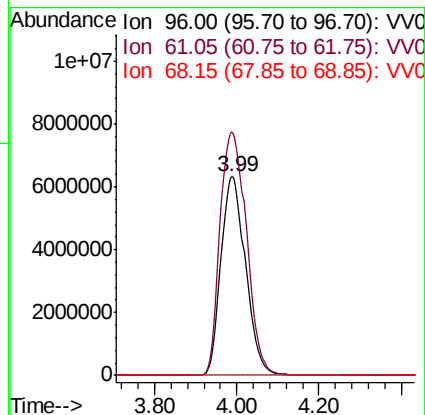
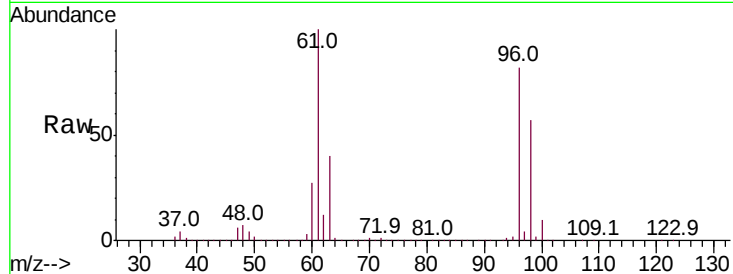


#22

cis-1,2-Dichloroethene
 Concen: 9668.726 ug/L
 RT: 3.99 min Scan# 901
 Delta R.T. 0.02 min
 Lab File: VV008321.D
 Acq: 17 Oct 2018 03:12

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JB9

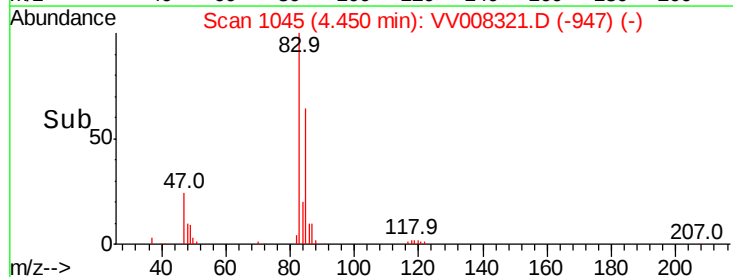
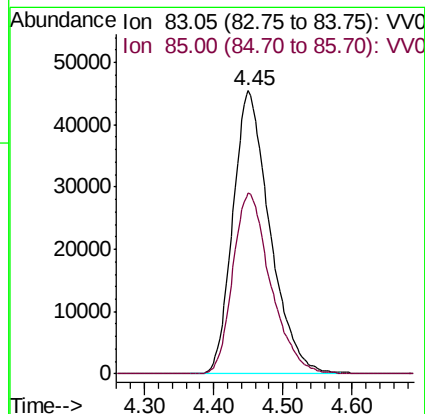
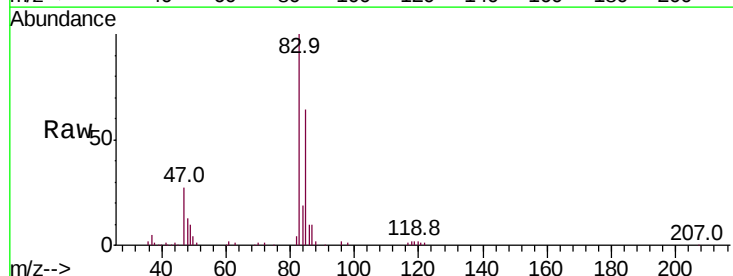
Tot Ion: 96 Resp: 26383351
 Ion Ratio Lower Upper
 96 100
 61 122.6 93.7 174.1
 68 0.0 0.6 1.2#

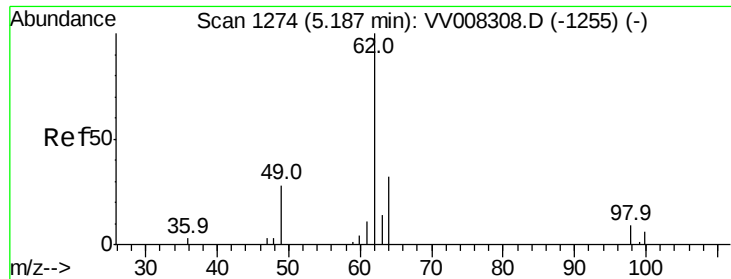


#25

Chloroform
 Concen: 39.435 ug/L
 RT: 4.45 min Scan# 1045
 Delta R.T. 0.02 min
 Lab File: VV008321.D
 Acq: 17 Oct 2018 03:12

Tgt Ion: 83 Resp: 168774
 Ion Ratio Lower Upper
 83 100
 85 63.9 43.4 80.6

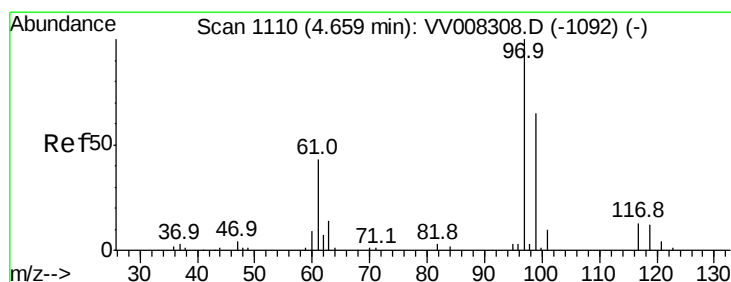
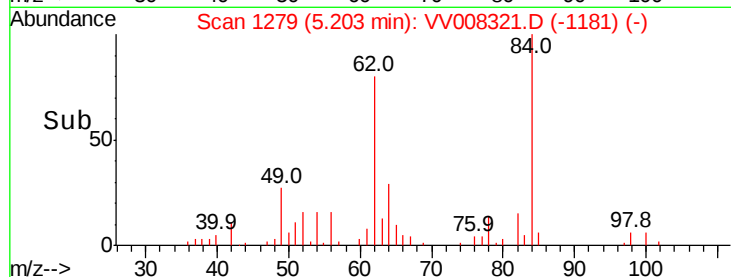
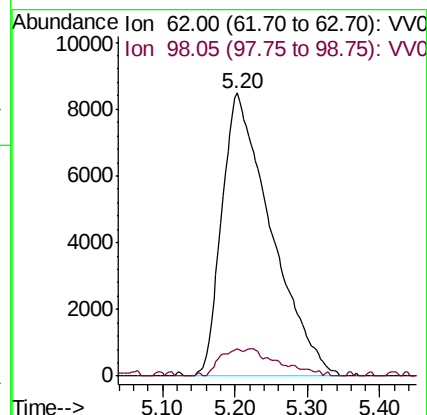
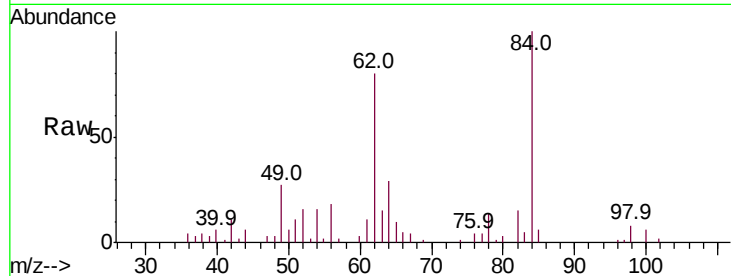




#27
 1,2-Dichloroethane
 Concen: 15.680 ug/L
 RT: 5.20 min Scan# 1279
 Delta R.T. 0.02 min
 Lab File: VV008321.D
 Acq: 17 Oct 2018 03:12

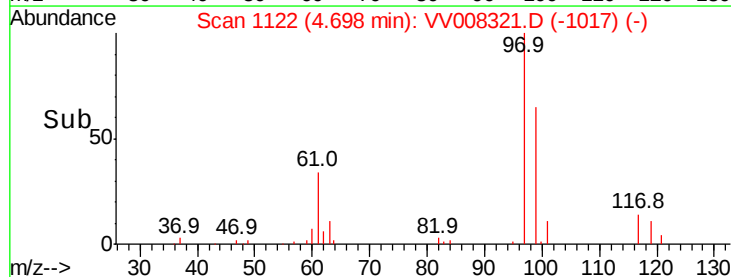
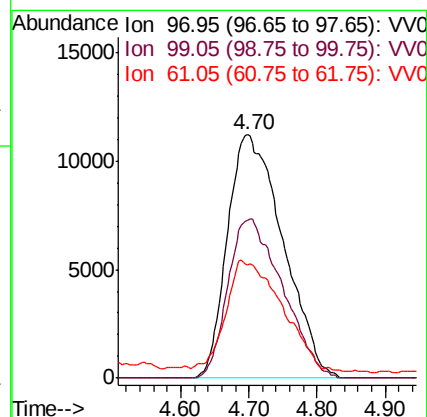
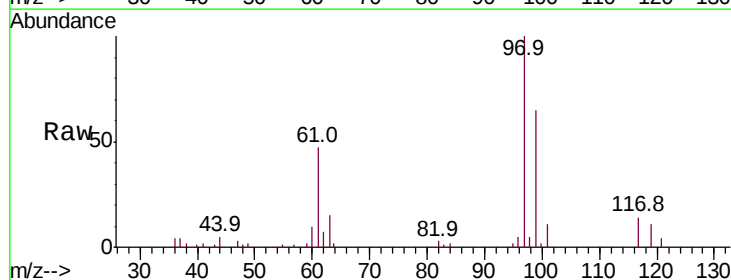
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JB9

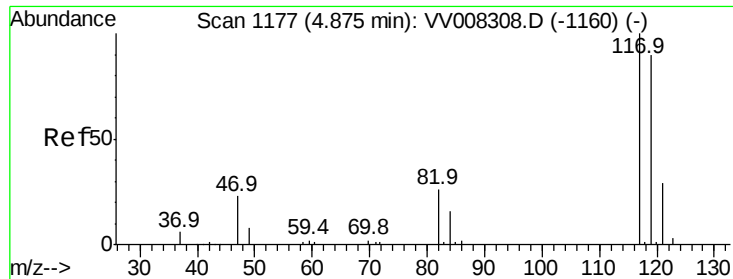
Tot Ion: 62 Resp: 39895
 Ion Ratio Lower Upper
 62 100
 98 9.5 7.6 11.4



#29
 1,1,1-Trichloroethane
 Concen: 6.395 ug/L
 RT: 4.70 min Scan# 1122
 Delta R.T. 0.04 min
 Lab File: VV008321.D
 Acq: 17 Oct 2018 03:12

Tgt Ion: 97 Resp: 63451
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.6 77.4
 61 43.3 37.0 55.6





#31

Carbon tetrachloride

Concen: 0.213 ug/L

RT: 4.94 min Scan# 1198

Delta R.T. 0.07 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

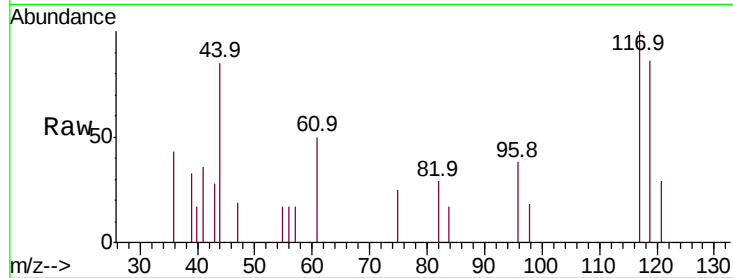
C0JB9

Tot Ion:117 Resp: 1777

Ion Ratio Lower Upper

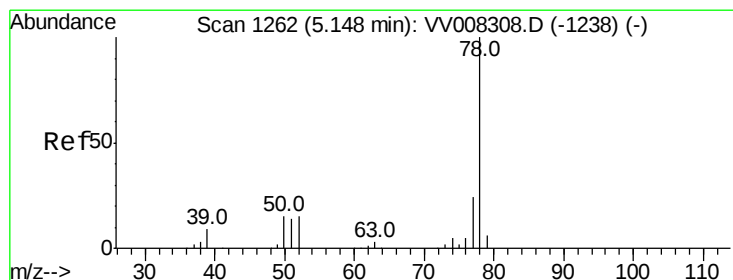
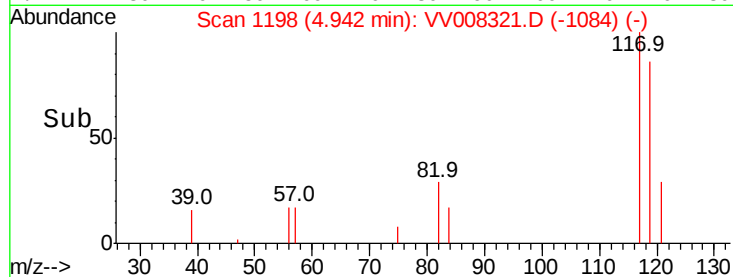
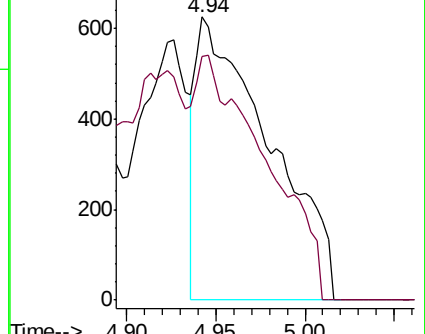
117 100

119 82.0 75.5 113.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.088 ug/L

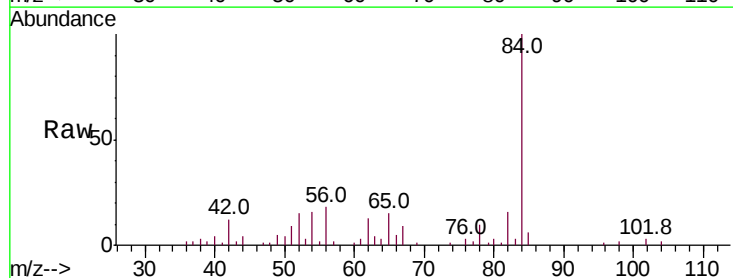
RT: 5.17 min Scan# 1268

Delta R.T. 0.02 min

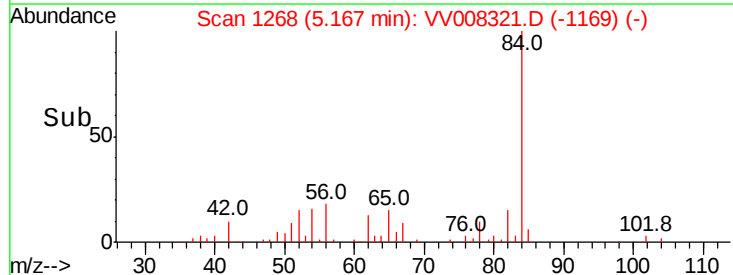
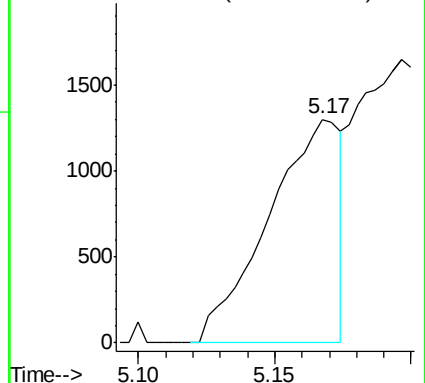
Lab File: VV008321.D

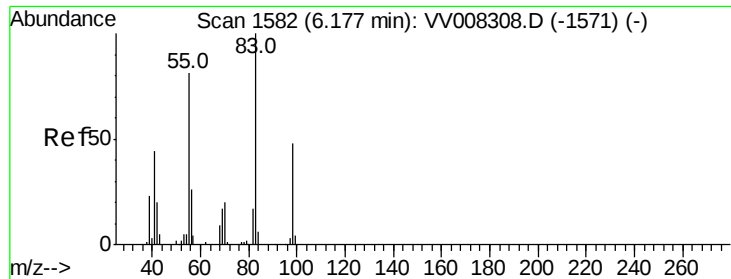
Acq: 17 Oct 2018 03:12

Tgt Ion: 78 Resp: 2375



Abundance Ion 78.10 (77.80 to 78.80): VV0





#35

Methylcyclohexane

Concen: 58.357 ug/L

RT: 6.00 min Scan# 1527

Delta R.T. -0.18 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

C0JB9

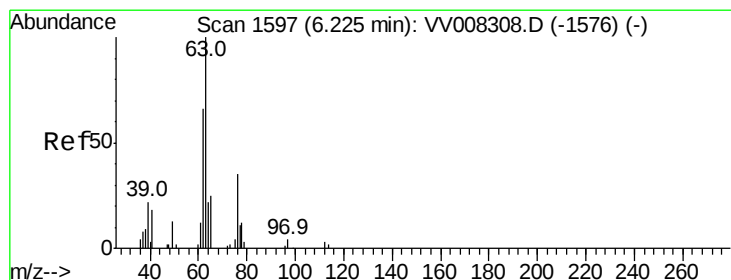
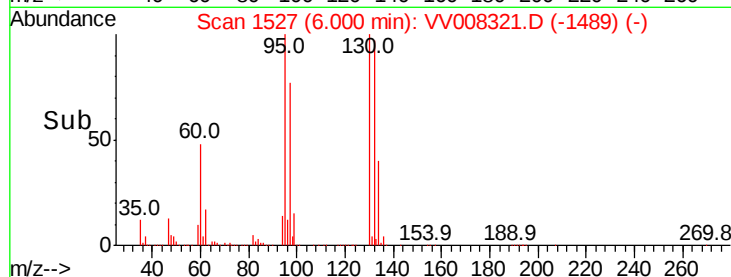
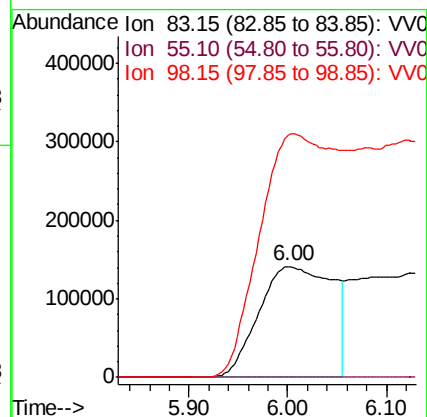
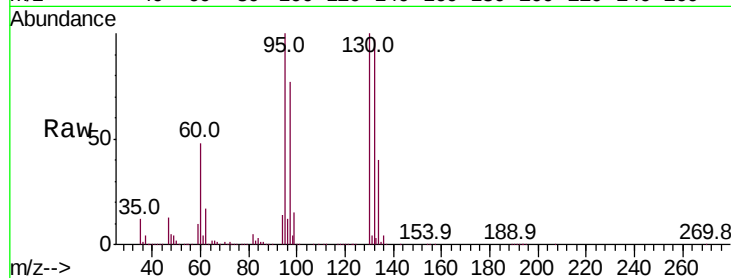
Tot Ion: 83 Resp: 732163

Ion Ratio Lower Upper

83 100

55 0.2 64.0 96.0#

98 230.8 37.0 55.4#



#37

1,2-Dichloropropane

Concen: 18.619 ug/L

RT: 6.00 min Scan# 1526

Delta R.T. -0.23 min

Lab File: VV008321.D

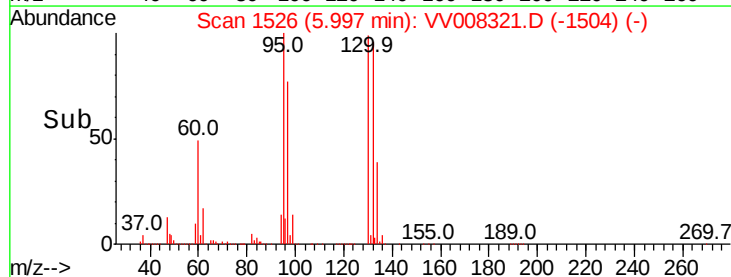
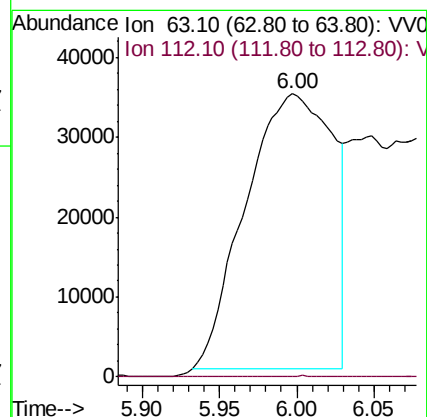
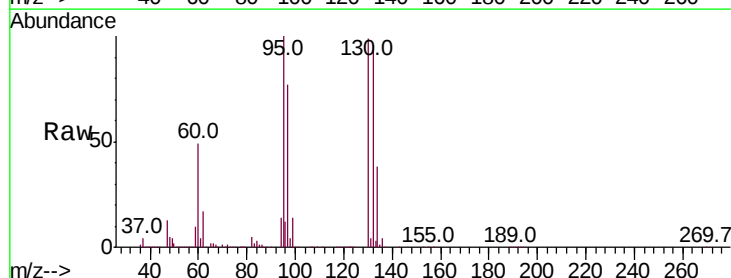
Acq: 17 Oct 2018 03:12

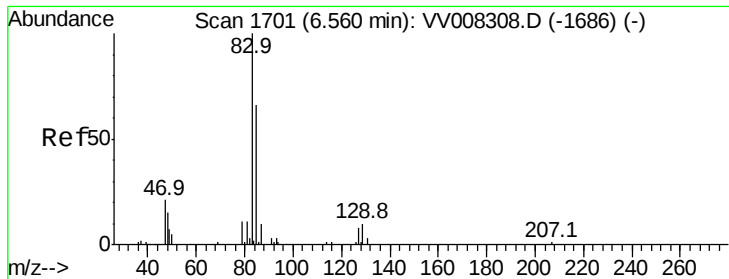
Tgt Ion: 63 Resp: 134885

Ion Ratio Lower Upper

63 100

112 0.1 2.6 3.8#





#38

Bromodichloromethane

Concen: 0.579 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.23 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

C0JB9

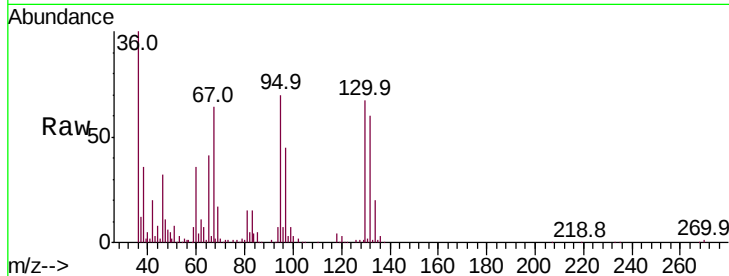
Tot Ion: 83 Resp: 4708

Ion Ratio Lower Upper

83 100

85 30.4 44.3 82.3#

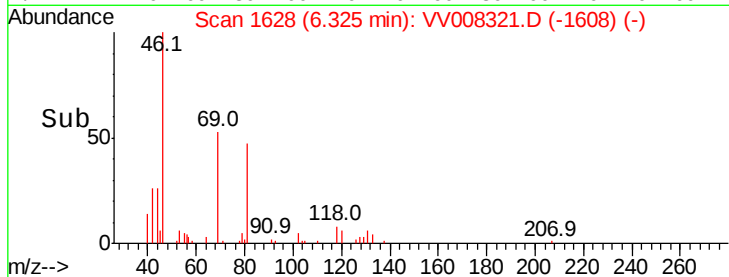
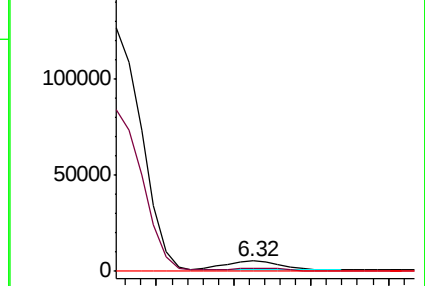
127 0.0 6.6 10.0#



Abundance Ion 82.95 (82.65 to 83.65): VV008308.D (-1686) (-)

Ion 85.00 (84.70 to 85.70): VV008308.D (-1686) (-)

Ion 126.90 (126.60 to 127.60): VV008308.D (-1686) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VV008321.D

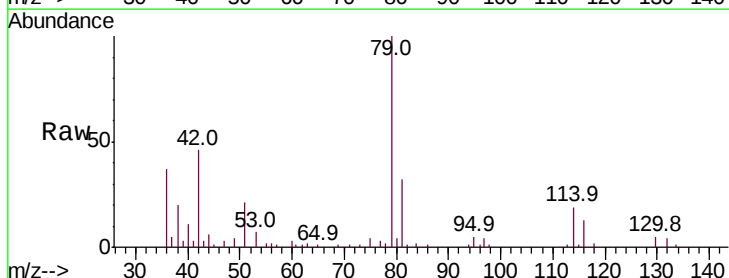
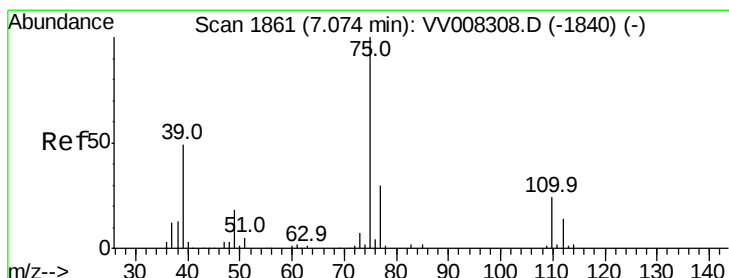
Acq: 17 Oct 2018 03:12

Tgt Ion: 75 Resp: 936

Ion Ratio Lower Upper

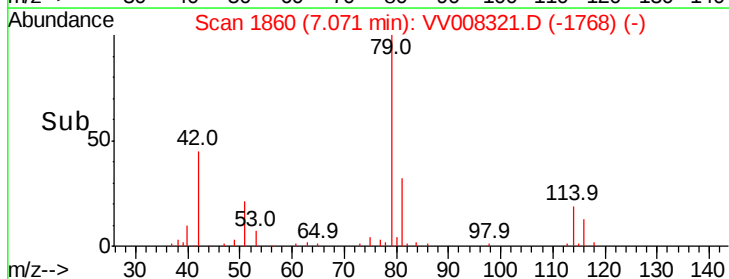
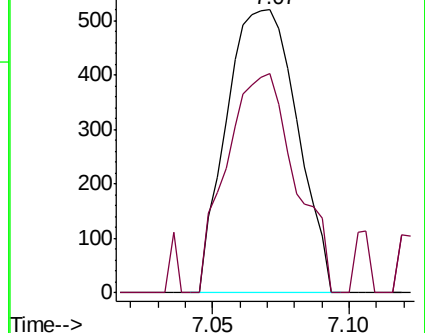
75 100

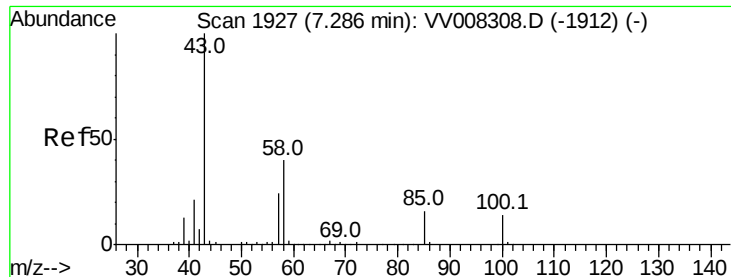
77 77.3 22.3 41.3#



Abundance Ion 75.05 (74.75 to 75.75): VV008308.D (-1840) (-)

Ion 77.05 (76.75 to 77.75): VV008308.D (-1840) (-)





#40

4-Methyl-2-pentanone

Concen: 10.508 ug/L

RT: 7.46 min Scan# 1981

Delta R.T. 0.17 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :
MSVOA_V
ClientSampleId :
C0JB9

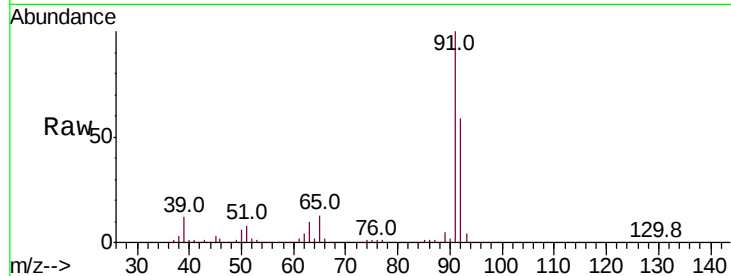
Tot Ion: 43 Resp: 46616

Ion Ratio Lower Upper

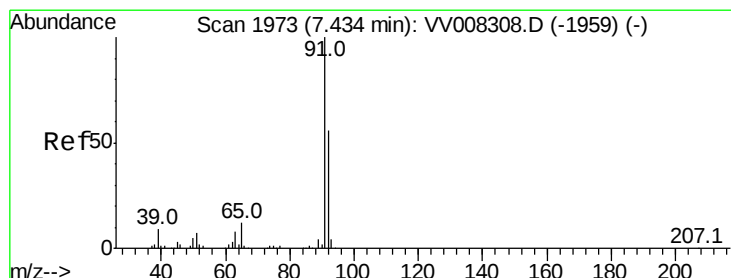
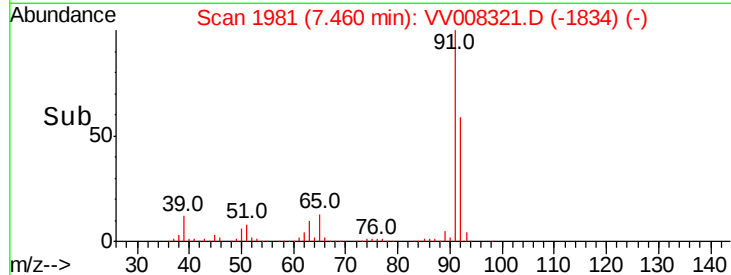
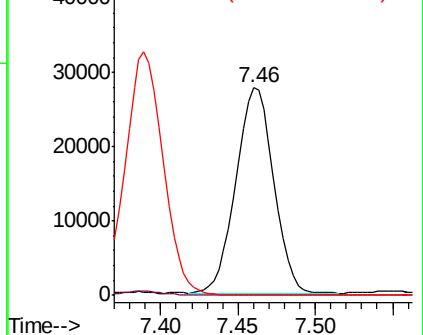
43 100

58 0.2 31.3 46.9#

100 0.0 10.5 15.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 100.15 (99.85 to 100.85): VV0



#42

Toluene

Concen: 220.679 ug/L

RT: 7.46 min Scan# 1982

Delta R.T. 0.03 min

Lab File: VV008321.D

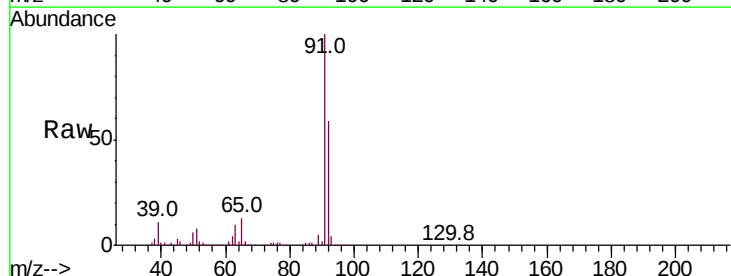
Acq: 17 Oct 2018 03:12

Tgt Ion: 91 Resp: 6175671

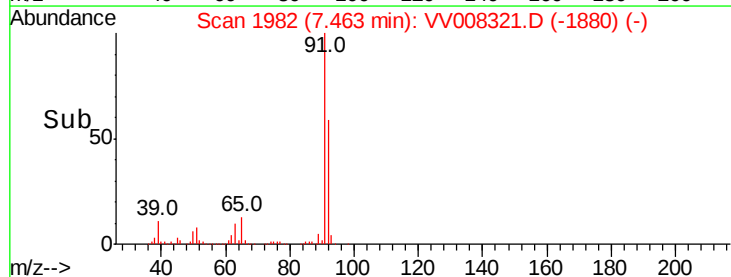
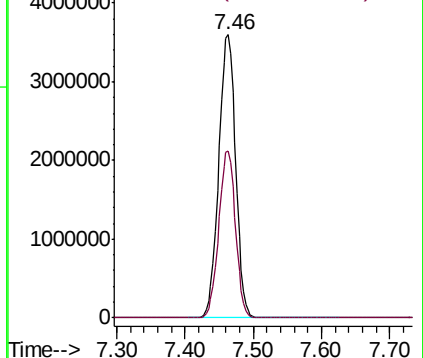
Ion Ratio Lower Upper

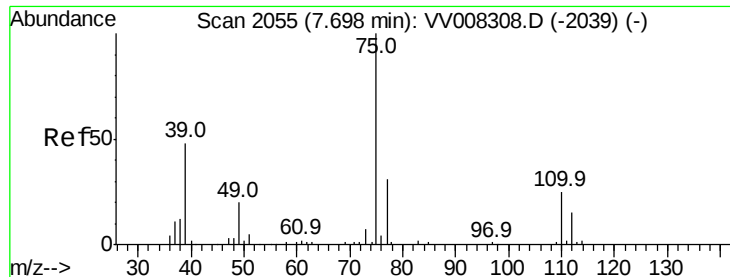
91 100

92 59.1 40.1 74.5



Abundance Ion 91.15 (90.85 to 91.85): VV0
Ion 92.15 (91.85 to 92.85): VV0





#44

trans-1,3-Dichloropropene

Concen: 5.452 ug/L

RT: 7.46 min Scan# 1982

Delta R.T. -0.23 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

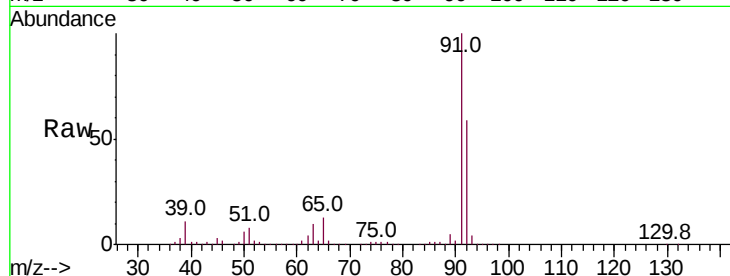
C0JB9

Tot Ion: 75 Resp: 45094

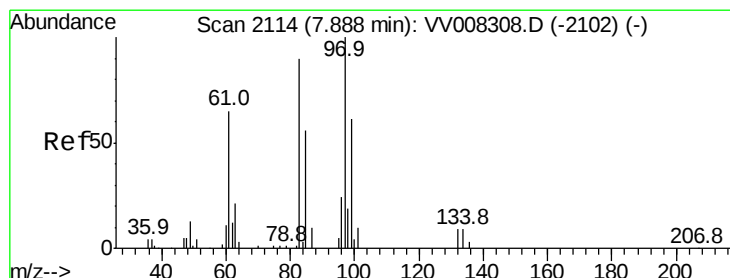
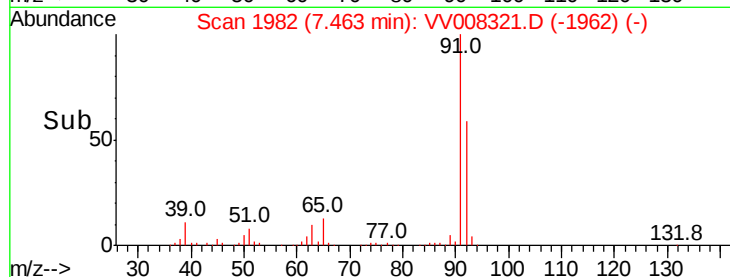
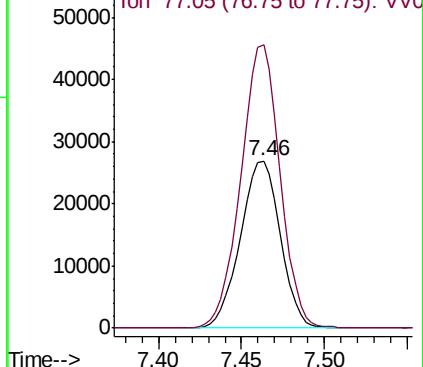
Ion Ratio Lower Upper

75 100

77 169.6 22.3 41.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008321.D (-1962) (-)



#45

1,1,2-Trichloroethane

Concen: 37.434 ug/L

RT: 7.90 min Scan# 2119

Delta R.T. 0.02 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Tgt Ion: 97 Resp: 168340

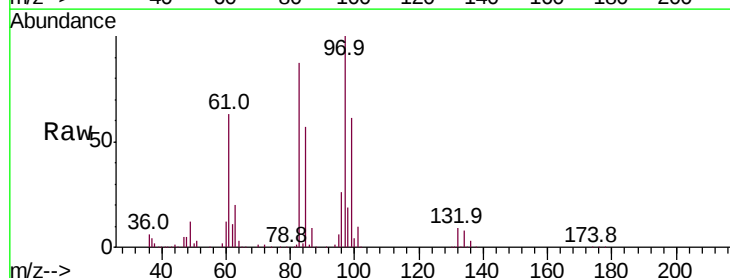
Ion Ratio Lower Upper

97 100

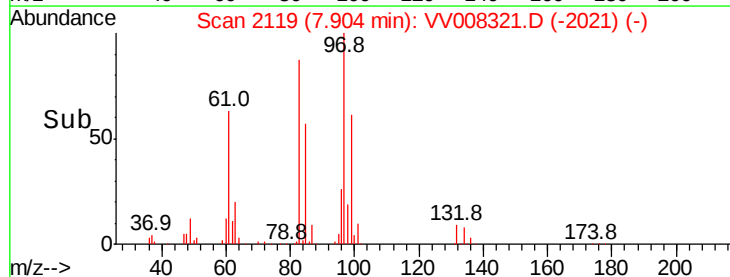
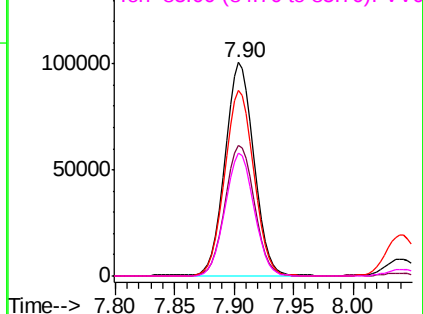
99 60.9 44.1 81.9

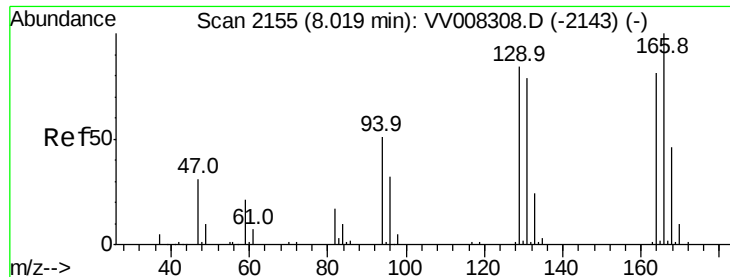
83 87.1 63.7 118.3

85 57.3 40.7 75.7



Abundance Ion 96.95 (96.65 to 97.65): VV008321.D (-2021) (-)





#47

Tetrachloroethene

Concen: 274.379 ug/L

RT: 8.04 min Scan# 2162

Delta R.T. 0.02 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

C0JB9

Tot Ion:164 Resp: 1278999

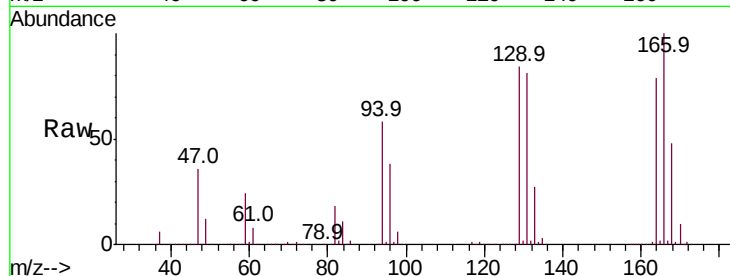
Ion Ratio Lower Upper

164 100

129 106.7 76.5 142.1

131 102.8 74.7 138.7

166 126.5 91.6 170.0

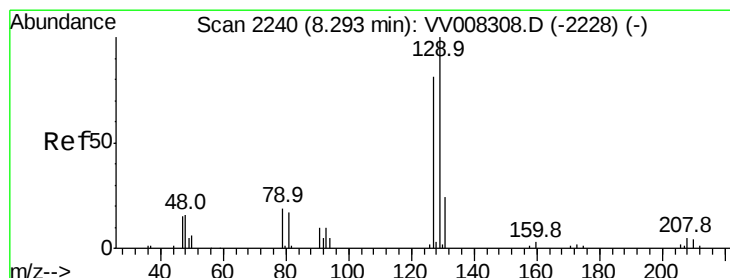
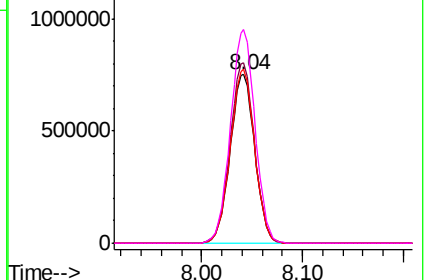
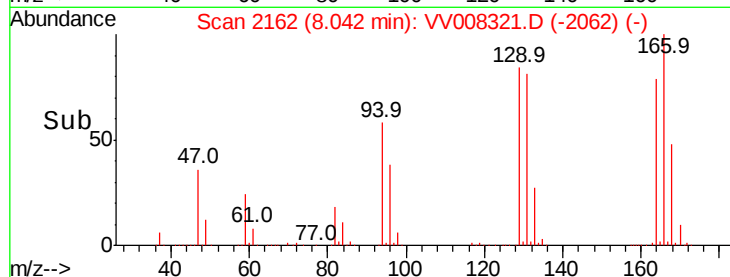


Abundance Ion 163.90 (163.60 to 164.60): V

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: 264.672 ug/L

RT: 8.04 min Scan# 2162

Delta R.T. -0.25 min

Lab File: VV008321.D

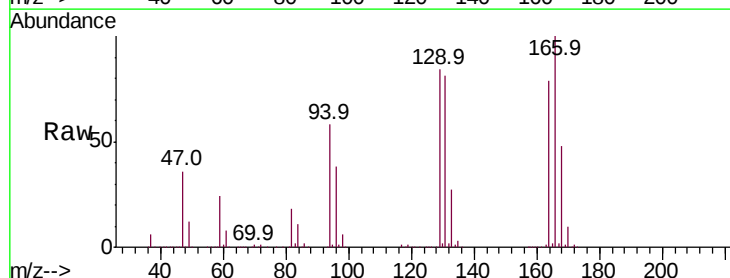
Acq: 17 Oct 2018 03:12

Tgt Ion:129 Resp: 1356691

Ion Ratio Lower Upper

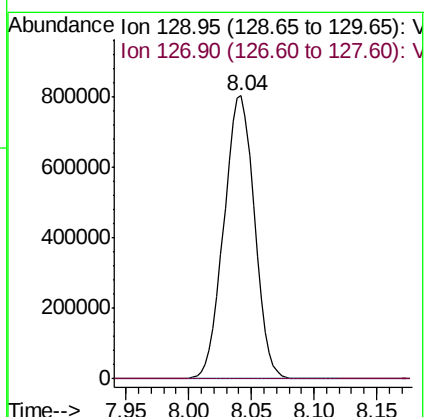
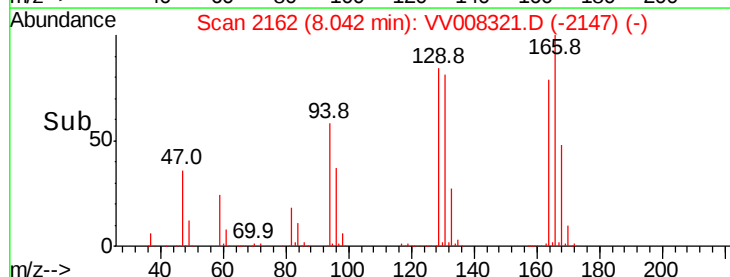
129 100

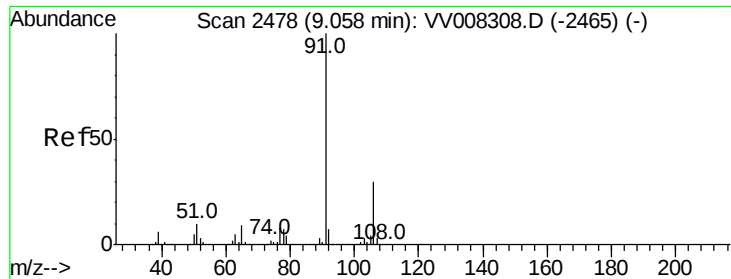
127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V





#52

Ethylbenzene

Concen: 19.448 ug/L

RT: 9.07 min Scan# 2481

Delta R.T. 0.01 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

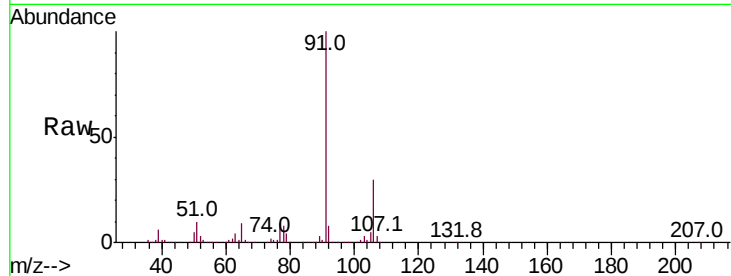
Instrument :
MSVOA_V
ClientSampleId :
C0JB9

Tot Ion: 91 Resp: 598448

Ion Ratio Lower Upper

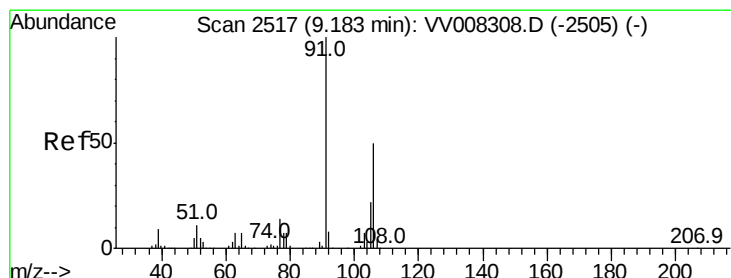
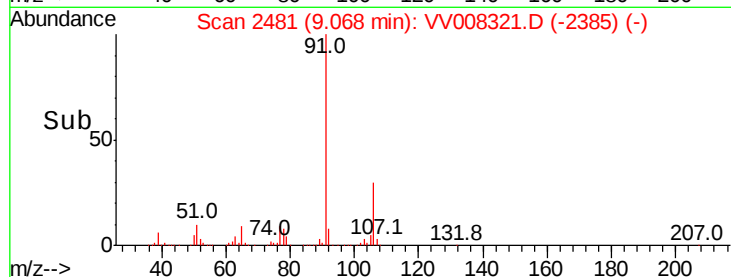
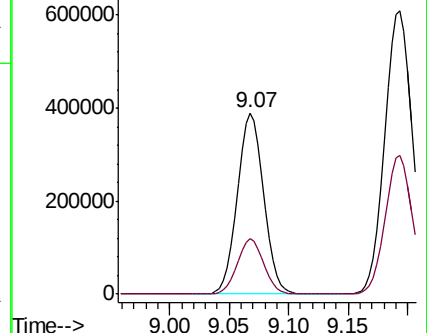
91 100

106 30.5 21.6 40.2



Abundance Ion 91.15 (90.85 to 91.85): VV008308.D (-2465) (-)

Ion 106.15 (105.85 to 106.85): VV008321.D (-2385) (-)



#53

m,p-xylene

Concen: 42.722 ug/L

RT: 9.19 min Scan# 2520

Delta R.T. 0.01 min

Lab File: VV008321.D

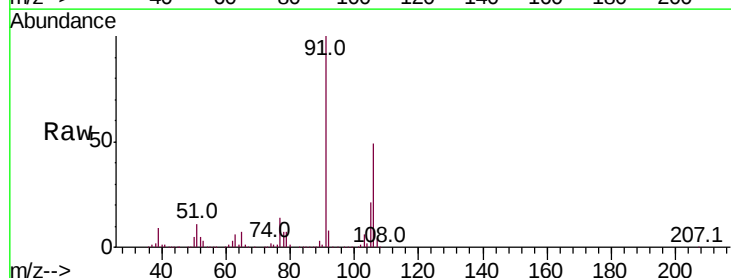
Acq: 17 Oct 2018 03:12

Tgt Ion: 106 Resp: 475501

Ion Ratio Lower Upper

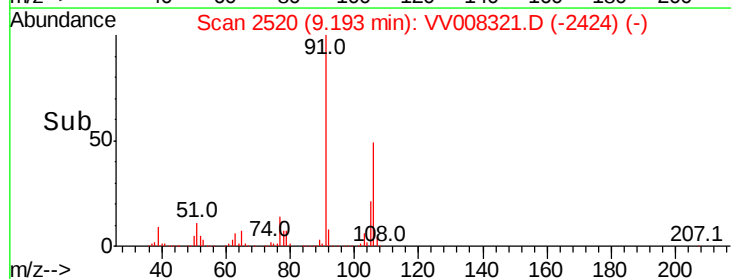
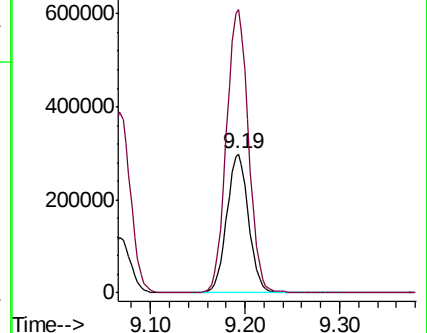
106 100

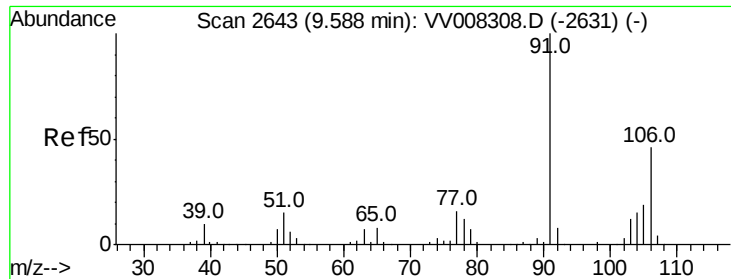
91 203.9 145.2 269.6



Abundance Ion 106.15 (105.85 to 106.85): VV008308.D (-2505) (-)

Ion 91.15 (90.85 to 91.85): VV008321.D (-2424) (-)

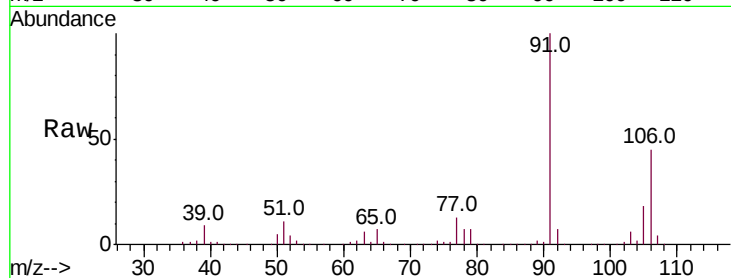




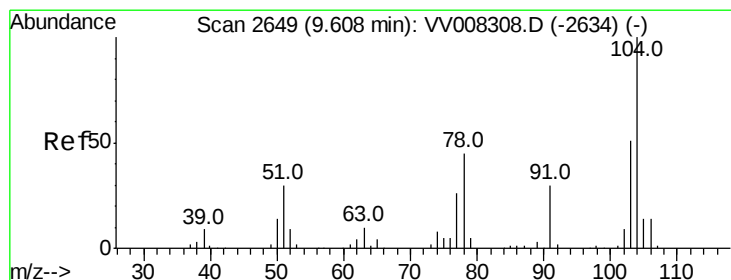
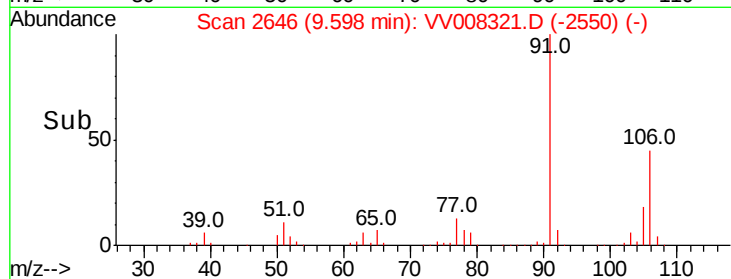
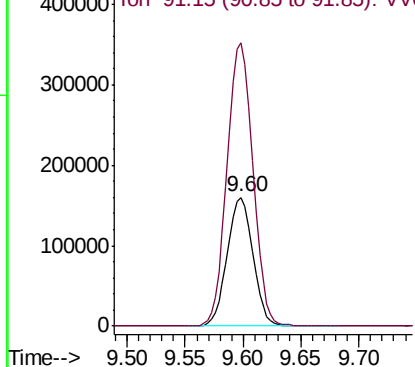
#54
o-xylene
Concen: 22.129 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. 0.01 min
Lab File: VV008321.D
Acq: 17 Oct 2018 03:12

Instrument :
MSVOA_V
ClientSampled :
C0JB9

Tot Ion:106 Resp: 245388
Ion Ratio Lower Upper
106 100
91 219.9 153.2 284.4

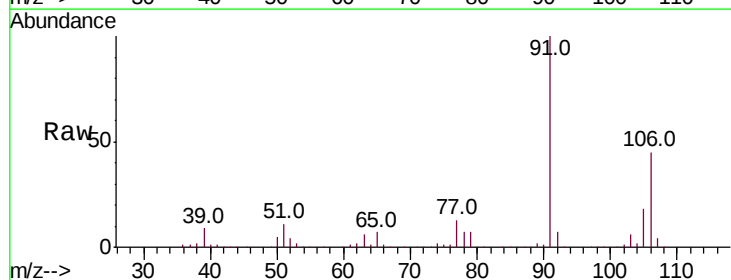


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

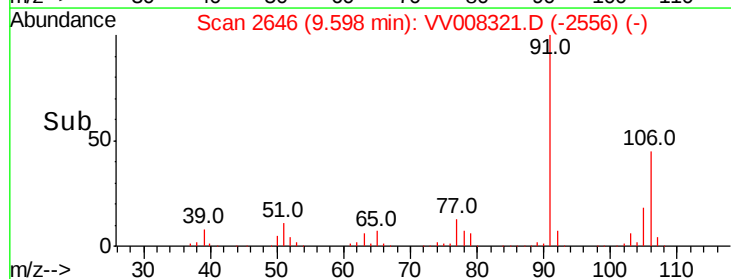
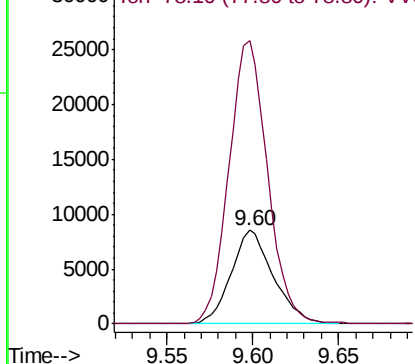


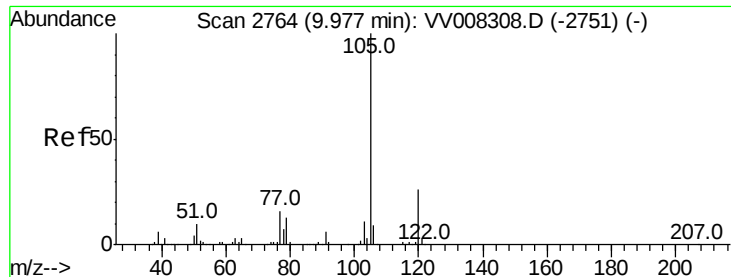
#55
Styrene
Concen: 0.813 ug/L
RT: 9.60 min Scan# 2646
Delta R.T. -0.01 min
Lab File: VV008321.D
Acq: 17 Oct 2018 03:12

Tgt Ion:104 Resp: 14513
Ion Ratio Lower Upper
104 100
78 303.1 32.5 60.3#



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





#56

Isopropylbenzene

Concen: 0.992 ug/L

RT: 9.98 min Scan# 2766

Delta R.T. 0.01 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

C0JB9

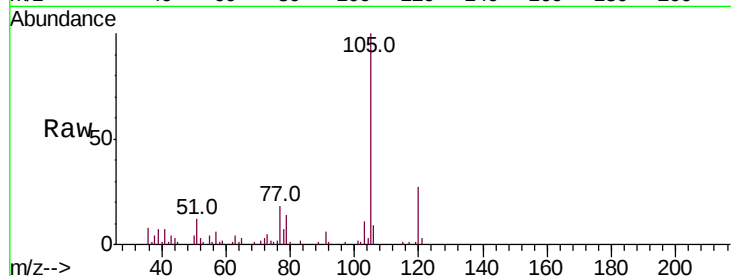
Tot Ion:105 Resp: 28978

Ion Ratio Lower Upper

105 100

120 25.6 21.2 31.8

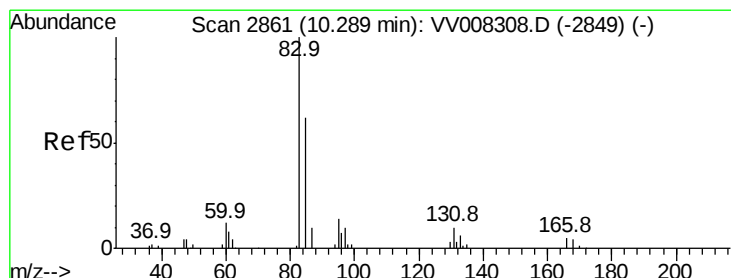
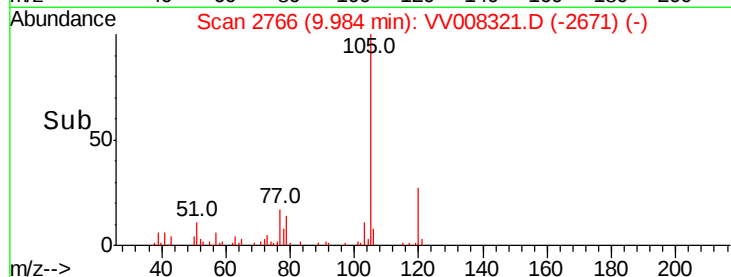
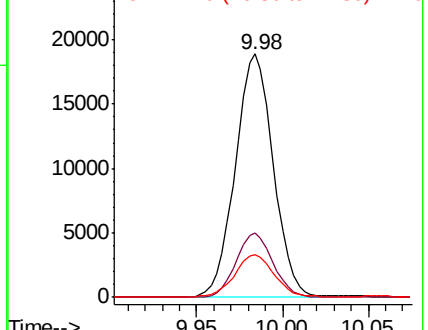
77 18.4 13.0 19.6



Abundance Ion 105.05 (104.75 to 105.75): VV008321.D (-2671) (-)

Ion 120.10 (119.80 to 120.80): VV008321.D (-2671) (-)

Ion 77.10 (76.80 to 77.80): VV008321.D (-2671) (-)



#58

1,1,2,2-Tetrachloroethane

Concen: 0.617 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

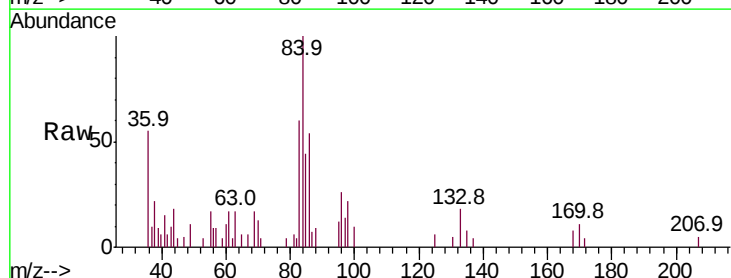
Tgt Ion: 83 Resp: 3158

Ion Ratio Lower Upper

83 100

85 73.5 45.6 84.6

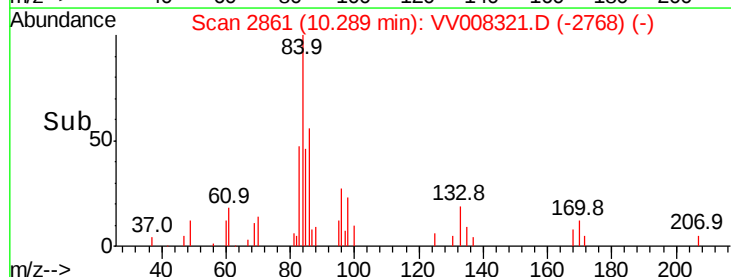
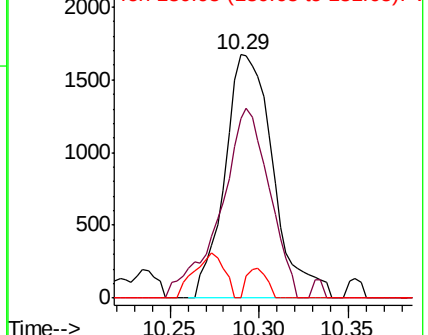
131 0.0 6.6 10.0#

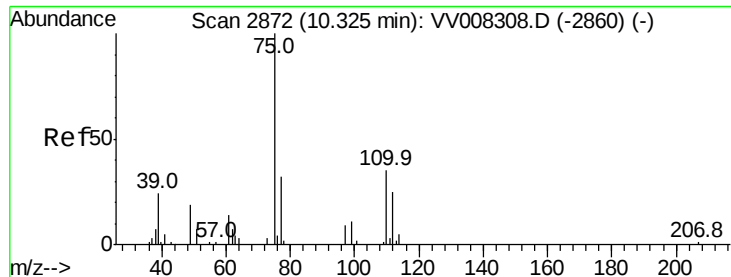


Abundance Ion 82.95 (82.65 to 83.65): VV008321.D (-2768) (-)

Ion 85.00 (84.70 to 85.70): VV008321.D (-2768) (-)

Ion 130.95 (130.65 to 131.65): VV008321.D (-2768) (-)





#59

1,2,3-Trichloropropane

Concen: 0.856 ug/L

RT: 10.33 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampleId :

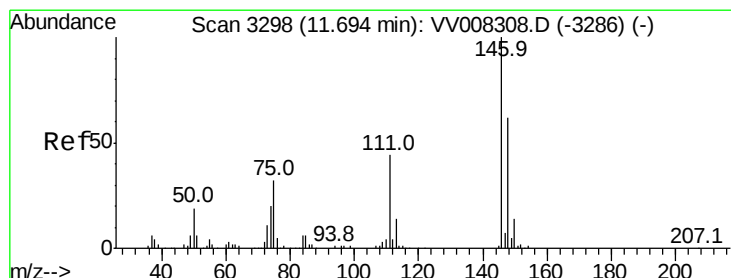
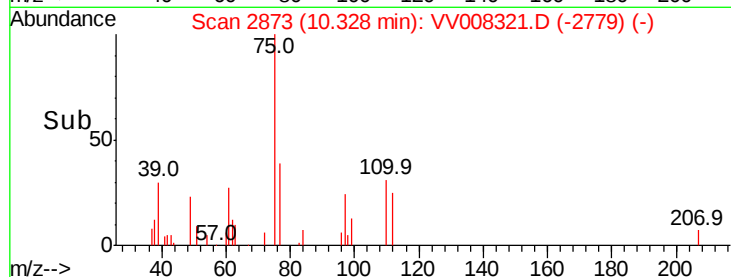
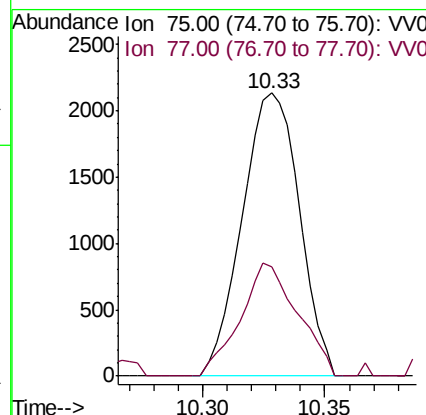
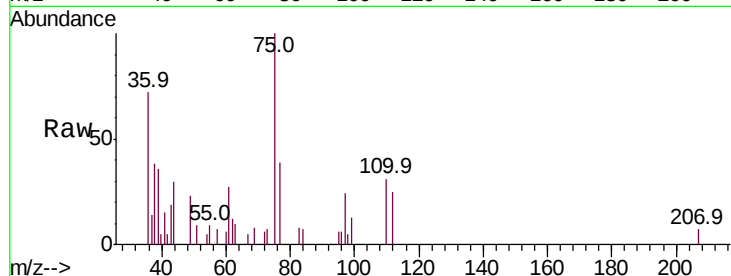
C0JB9

Tot Ion: 75 Resp: 3470

Ion Ratio Lower Upper

75 100

77 39.8 27.0 40.6



#65

1,2-Dichlorobenzene

Concen: 0.227 ug/L

RT: 11.70 min Scan# 3299

Delta R.T. 0.00 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

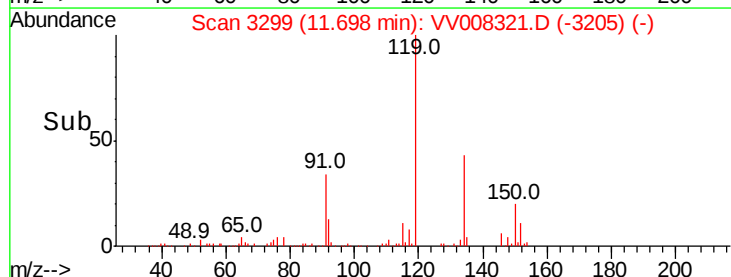
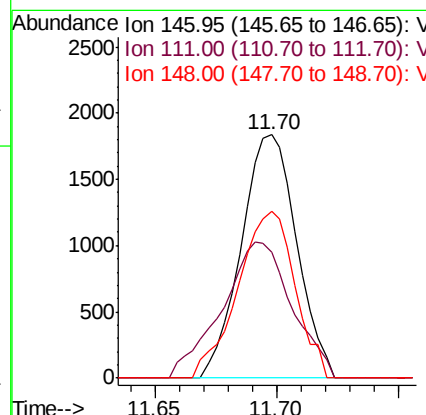
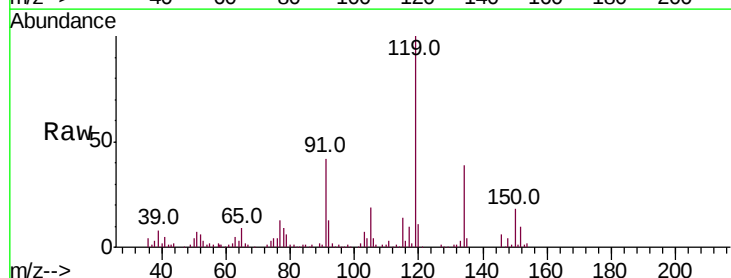
Tgt Ion: 146 Resp: 2890

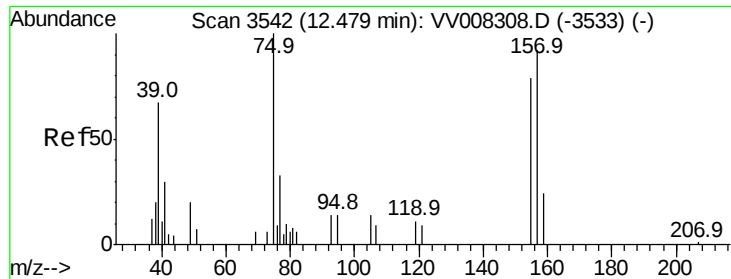
Ion Ratio Lower Upper

146 100

111 51.6 35.5 53.3

148 68.6 51.5 77.3





#66

1,2-Dibromo-3-chloropropane

Concen: 1.172 ug/L

RT: 12.46 min Scan# 3537

Delta R.T. -0.02 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

Instrument :

MSVOA_V

ClientSampled :

C0JB9

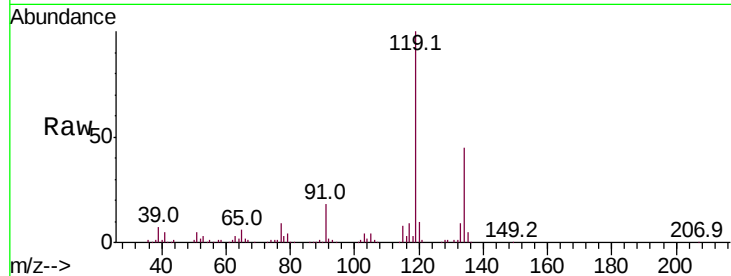
Tot Ion: 75 Resp: 1124

Ion Ratio Lower Upper

75 100

155 0.0 63.6 95.4#

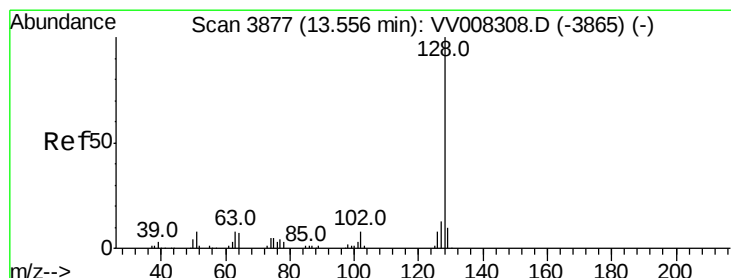
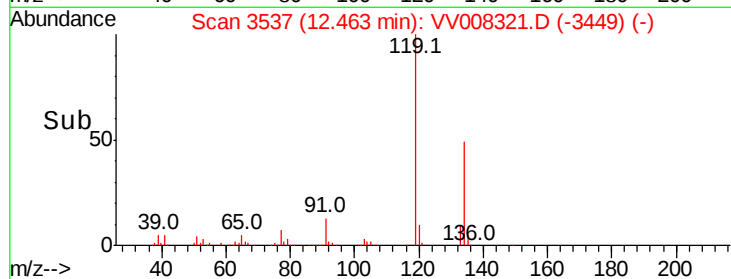
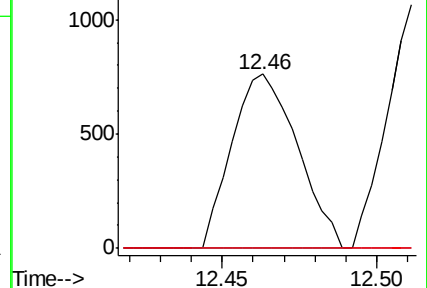
157 0.0 84.3 126.5#



Abundance Ion 75.05 (74.75 to 75.75): VV008308.D (-3533) (-)

Ion 154.95 (154.65 to 155.65): VV008308.D (-3533) (-)

Ion 156.90 (156.60 to 157.60): VV008308.D (-3533) (-)



#69

Naphthalene

Concen: 8.209 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV008321.D

Acq: 17 Oct 2018 03:12

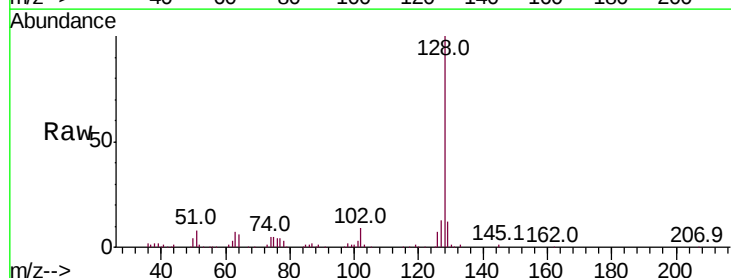
Tgt Ion: 128 Resp: 93465

Ion Ratio Lower Upper

128 100

129 12.1 8.6 12.8

127 13.0 10.1 15.1



Abundance Ion 128.00 (127.70 to 128.70): VV008308.D (-3865) (-)

Ion 129.00 (128.70 to 129.70): VV008308.D (-3865) (-)

Ion 127.00 (126.70 to 127.70): VV008308.D (-3865) (-)

