

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082818\
 Data File : VV007232.D
 Acq On : 28 Aug 2018 19:58
 Operator : SY/MD
 Sample : J4628-03
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB3H3

Quant Time: Aug 29 04:02:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 29 04:00:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	234911	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113438	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76279	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	1.58	69	64752	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	149371	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.60%
20) 2-Butanone-d5	3.97	46	223141	53.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.18%
24) Chloroform-d	4.40	84	167020	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.09	65	81741	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	305516	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.12	67	103163	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	232293	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
43) trans-1,3-Dichloropropene-	7.67	79	33515	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.15	63	86554	42.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.82%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83110	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	97005	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	44451	2.575	ug/L 98
3) Chloromethane	1.25	50	149236	7.888	ug/L 100
5) Vinyl chloride	1.32	62	103314	5.703	ug/L 96
6) Bromomethane	1.54	94	37131	5.725	ug/L 100
8) Chloroethane	1.60	64	58401	5.259	ug/L 98
9) Trichlorofluoromethane	1.77	101	259783	10.254	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72875	4.579	ug/L 98
12) 1,1-Dichloroethene	2.14	96	95863	6.744	ug/L 98
16) Methylene chloride	2.54	84	62107	3.604	ug/L 99
17) Methyl tert-butyl Ether	2.82	73	213905	5.844	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	118936	7.509	ug/L 96
22) cis-1,2-Dichloroethene	3.96	96	123314	6.784	ug/L 96
23) Bromochloromethane	4.31	128	19402	2.357	ug/L 97
25) Chloroform	4.43	83	168665	5.225	ug/L 98
27) 1,2-Dichloroethane	5.19	62	106119	5.592	ug/L 97
29) 1,1,1-Trichloroethane	4.66	97	154163	5.666	ug/L 100
31) Carbon tetrachloride	4.88	117	132878	5.766	ug/L 99

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

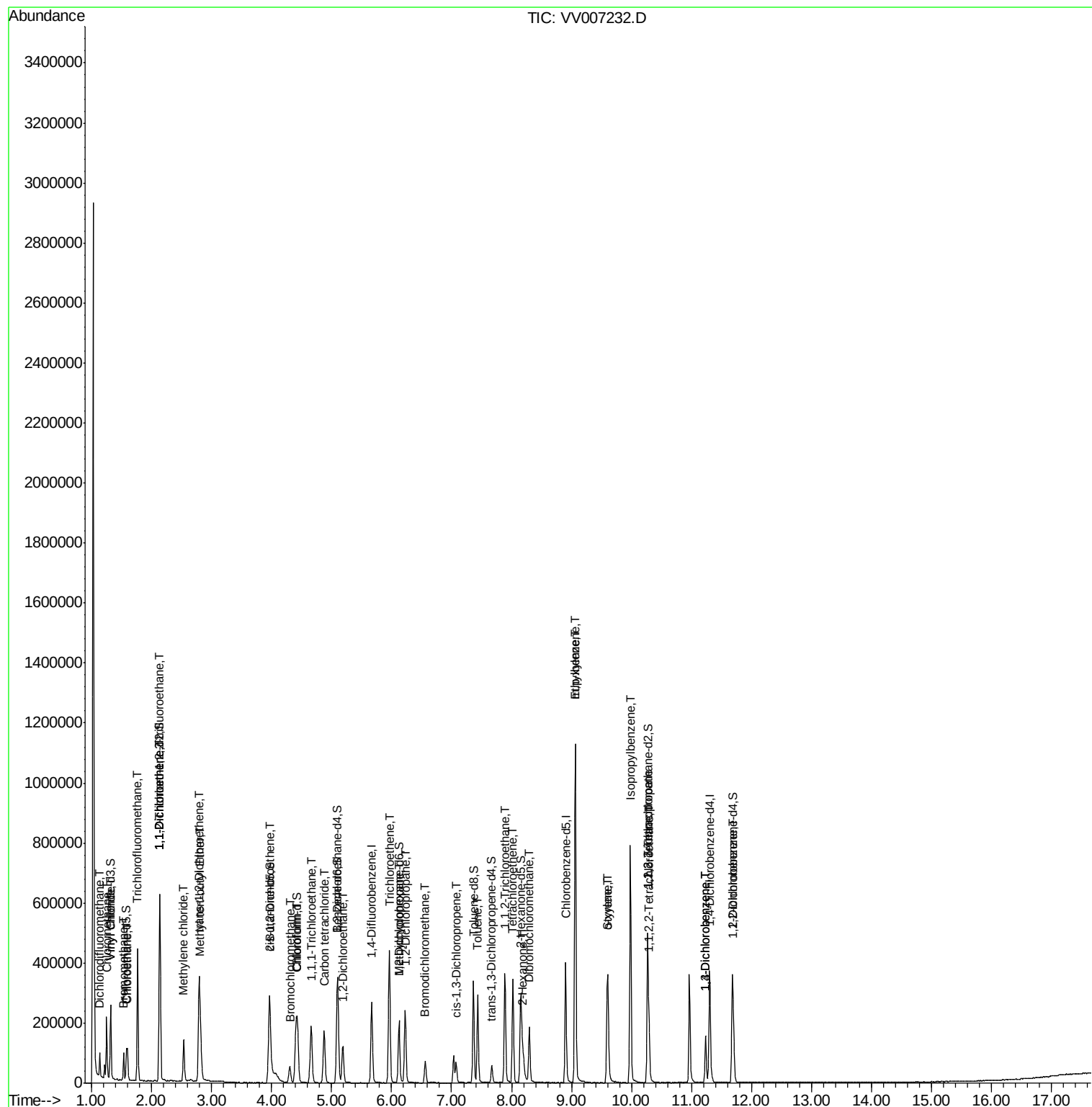
34) Trichloroethene	5.96	95	154666	8.865	ug/L	100
35) Methylcyclohexane	6.12	83	25584	1.003	ug/L #	17
37) 1,2-Dichloropropane	6.23	63	98240	5.351	ug/L	100
38) Bromodichloromethane	6.56	83	48258	2.192	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	44001	1.932	ug/L	98
42) Toluene	7.44	91	214966	3.165	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	117777	8.899	ug/L	96
47) Tetrachloroethene	8.02	164	81427	5.647	ug/L	98
48) 2-Hexanone	8.20	43	39336	5.482	ug/L #	89
49) Dibromochloromethane	8.30	129	96849	6.502	ug/L	97
52) Ethylbenzene	9.06	91	778374	11.410	ug/L	100
53) m,p-xylene	9.06	106	241783	9.307	ug/L #	22
54) o-xylene	9.59	106	78631	3.252	ug/L	98
55) Styrene	9.61	104	132451	3.125	ug/L	99
56) Isopropylbenzene	9.98	105	510256	7.936	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	84701	5.472	ug/L	99
59) 1,2,3-Trichloropropane	10.27	75	11422	1.024	ug/L #	1
62) 1,3-Dichlorobenzene	11.23	146	73499	2.160	ug/L	98
63) 1,4-Dichlorobenzene	11.23	146	73499	2.044	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	71770	2.110	ug/L	97

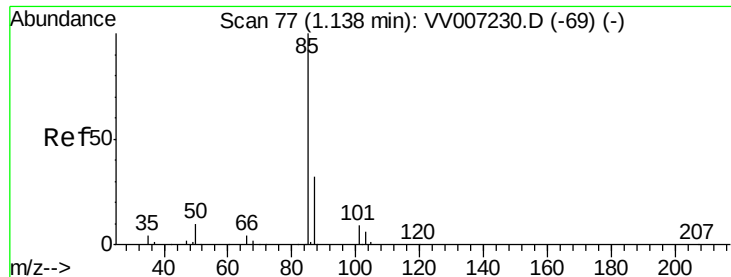
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.575 ug/L

RT: 1.14 min Scan# 77

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Instrument :

MSVOA_V

ClientSampleId :

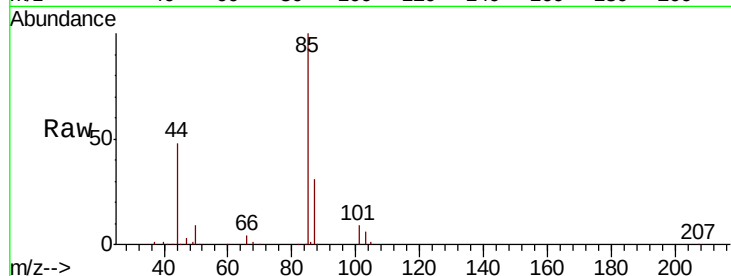
DB3H3

Tot Ion: 85 Resp: 44451

Ion Ratio Lower Upper

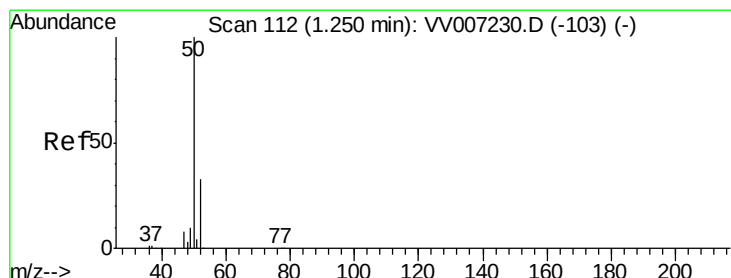
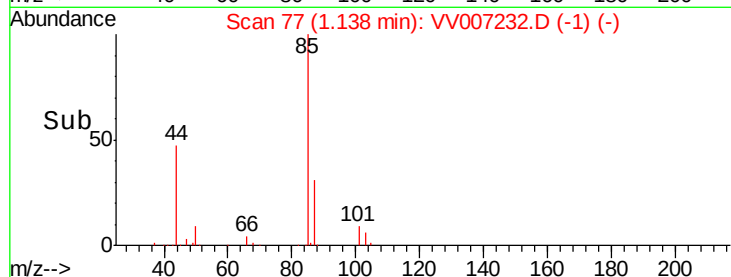
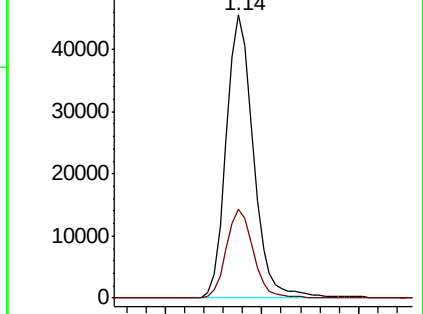
85 100

87 31.2 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV007232.D (-69) (-)

Ion 87.00 (86.70 to 87.70): VV007232.D (-69) (-)



#3

Chloromethane

Concen: 7.888 ug/L

RT: 1.25 min Scan# 112

Delta R.T. 0.00 min

Lab File: VV007232.D

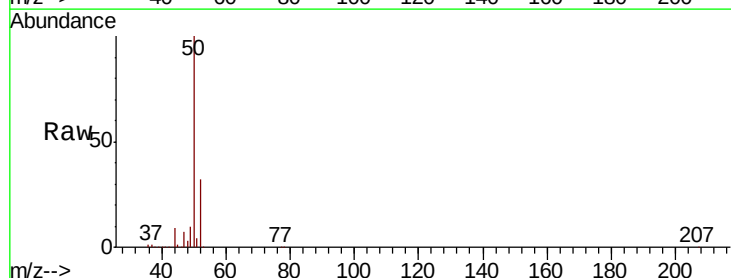
Acq: 28 Aug 2018 19:58

Tgt Ion: 50 Resp: 149236

Ion Ratio Lower Upper

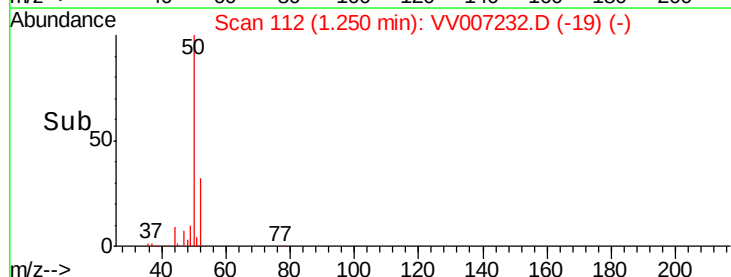
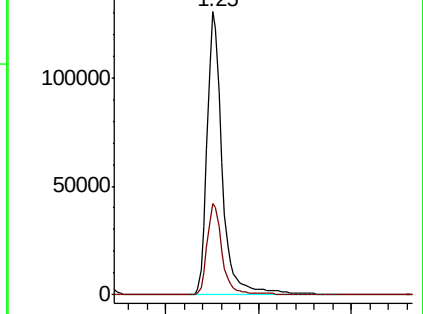
50 100

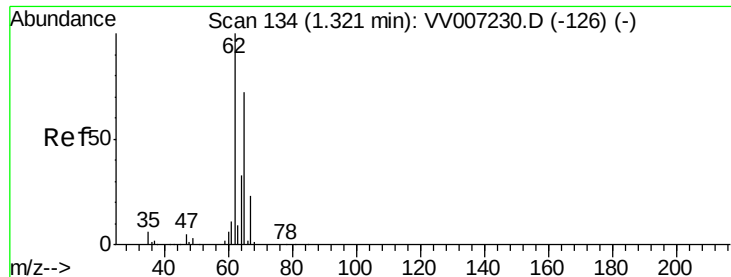
52 32.3 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV007232.D (-19) (-)

Ion 52.05 (51.75 to 52.75): VV007232.D (-19) (-)





#5

Vinyl chloride

Concen: 5.703 ug/L

RT: 1.32 min Scan# 134

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Instrument :

MSVOA_V

ClientSampleId :

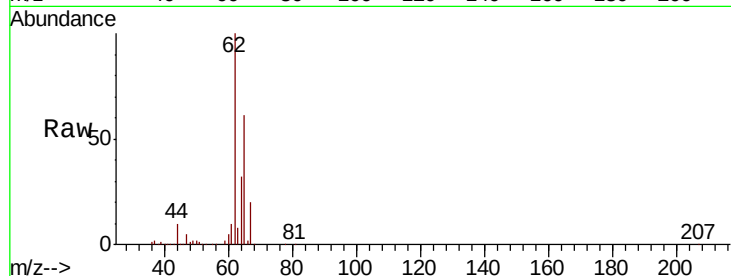
DB3H3

Tot Ion: 62 Resp: 103314

Ion Ratio Lower Upper

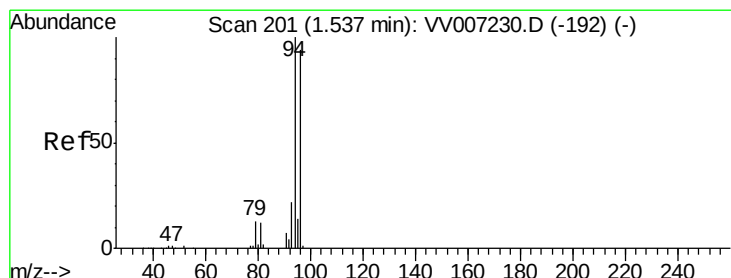
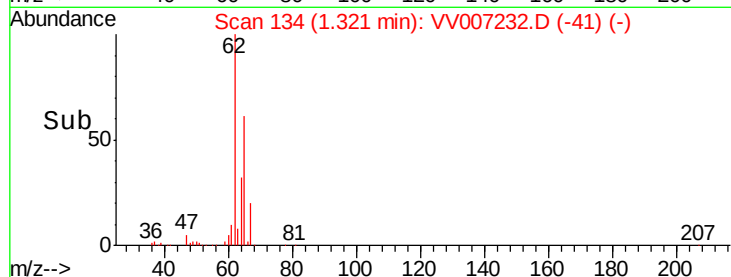
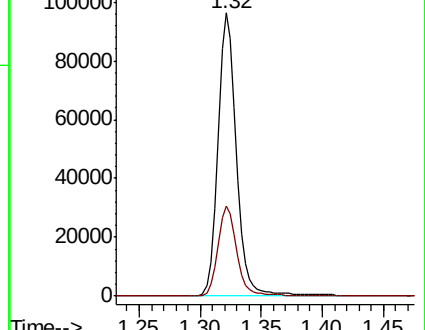
62 100

64 31.6 23.6 43.8



Abundance Ion 62.00 (61.70 to 62.70): VV007232.D (-126) (-)

Ion 64.10 (63.80 to 64.80): VV007232.D (-126) (-)



#6

Bromomethane

Concen: 5.725 ug/L

RT: 1.54 min Scan# 201

Delta R.T. 0.00 min

Lab File: VV007232.D

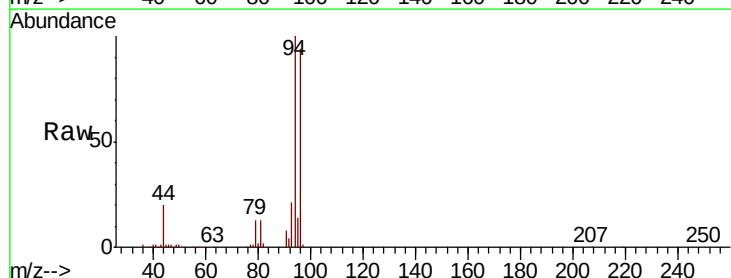
Acq: 28 Aug 2018 19:58

Tgt Ion: 94 Resp: 37131

Ion Ratio Lower Upper

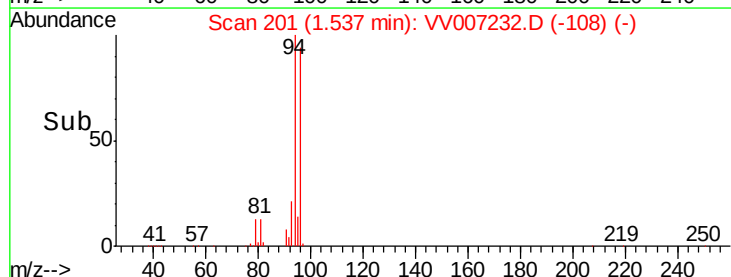
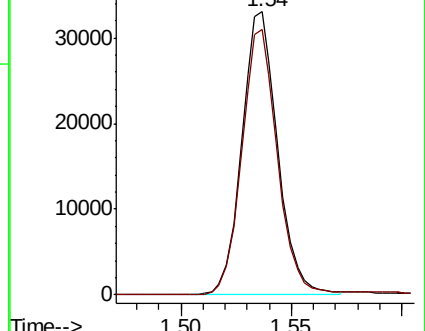
94 100

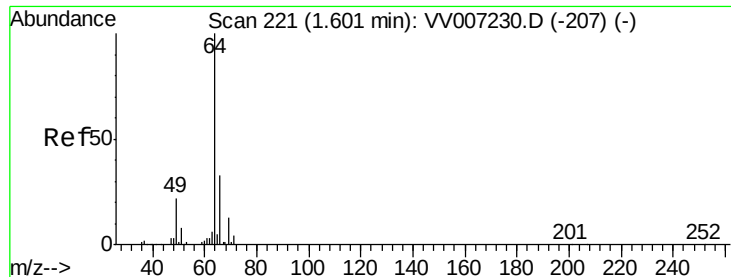
96 93.9 65.8 122.2



Abundance Ion 94.00 (93.70 to 94.70): VV007232.D (-192) (-)

Ion 96.00 (95.70 to 96.70): VV007232.D (-192) (-)

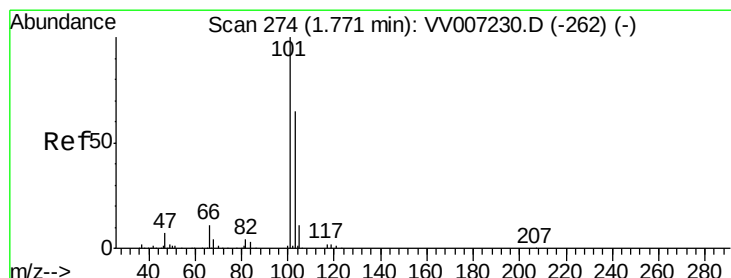
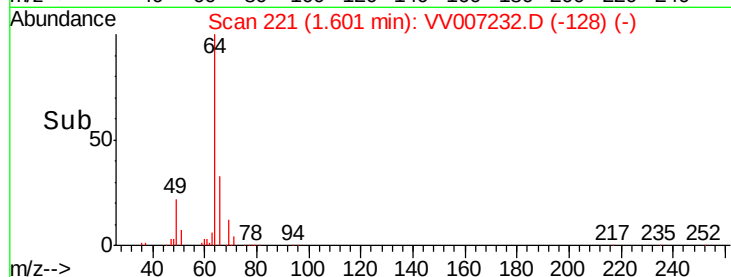
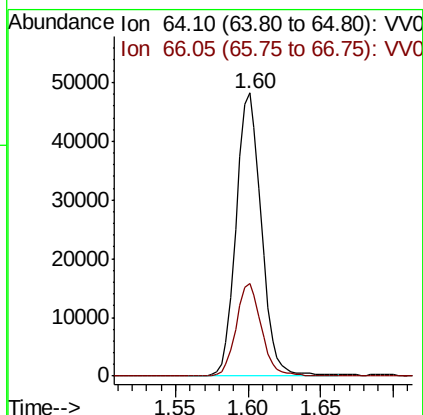
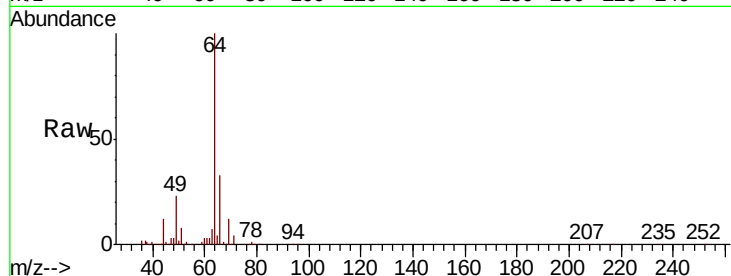




#8
Chloroethane
Concen: 5.259 ug/L
RT: 1.60 min Scan# 221
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

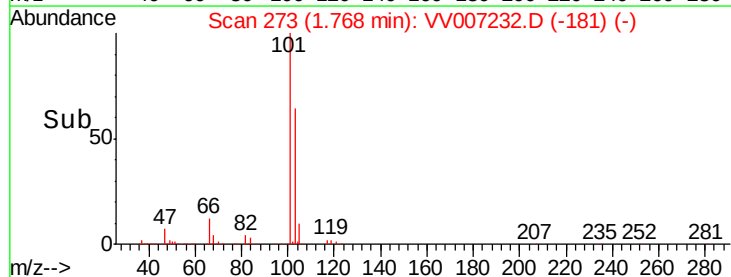
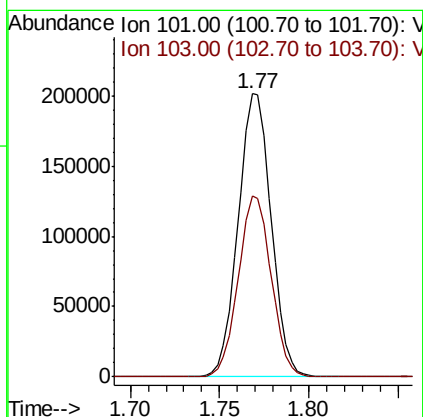
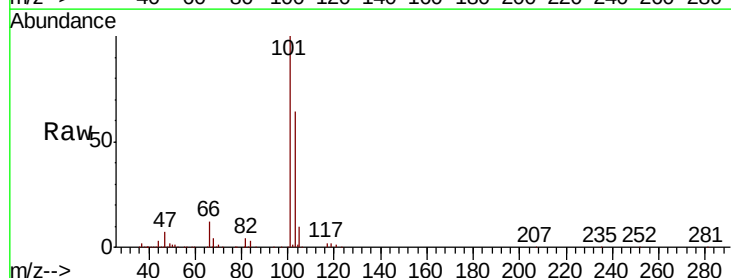
Instrument :
MSVOA_V
ClientSampled :
DB3H3

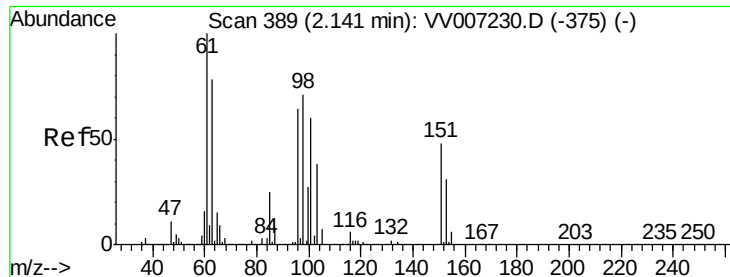
Tot Ion: 64 Resp: 58401
Ion Ratio Lower Upper
64 100
66 32.9 22.2 41.2



#9
Trichlorofluoromethane
Concen: 10.254 ug/L
RT: 1.77 min Scan# 273
Delta R.T. -0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

Tgt Ion: 101 Resp: 259783
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9





#10

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

Concen: 4.579 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Instrument :

MSVOA_V

ClientSampleId :

DB3H3

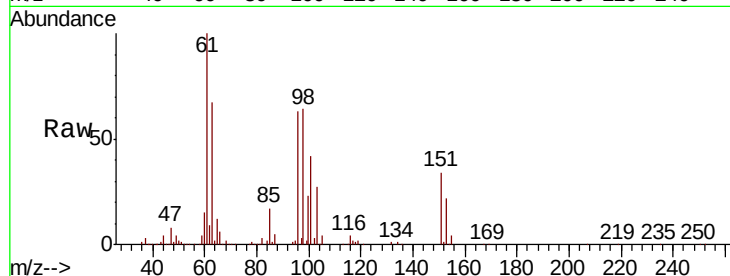
Tot Ion:101 Resp: 72875

Ion Ratio Lower Upper

101 100

85 40.9 33.2 49.8

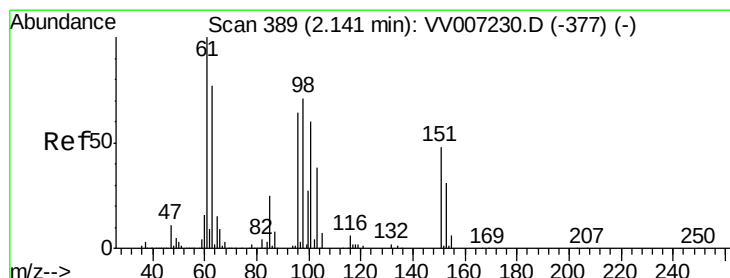
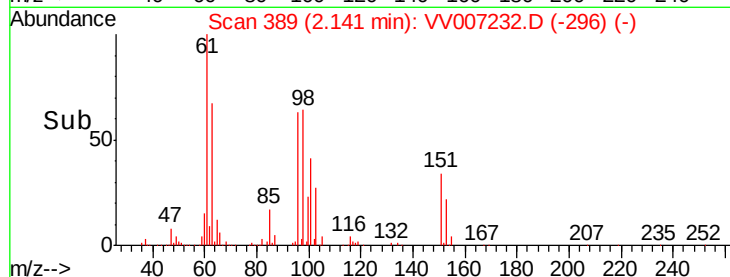
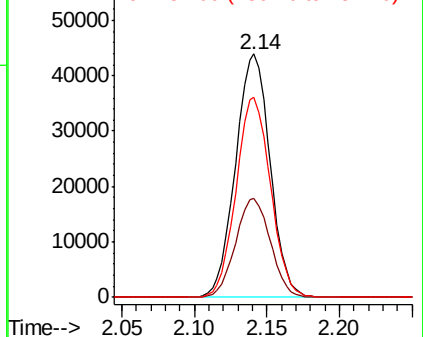
151 81.8 63.8 95.8



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



#12

1,1-Dichloroethene

Concen: 6.744 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

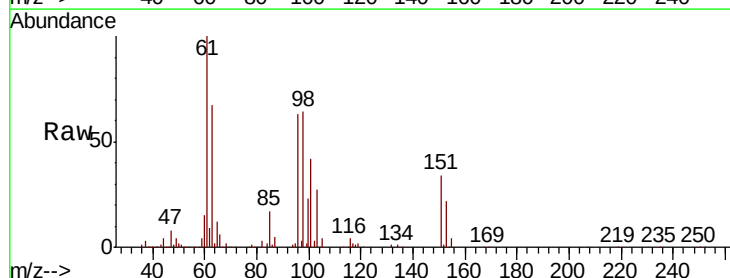
Tgt Ion: 96 Resp: 95863

Ion Ratio Lower Upper

96 100

61 157.7 112.3 208.5

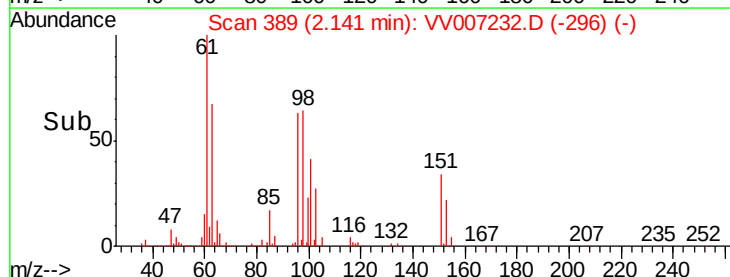
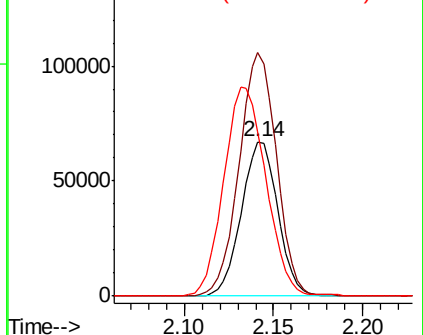
63 106.5 75.4 140.0

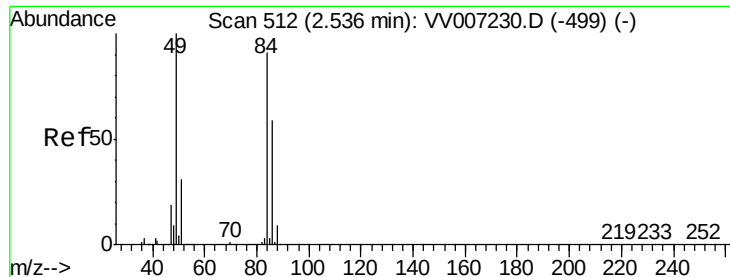


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

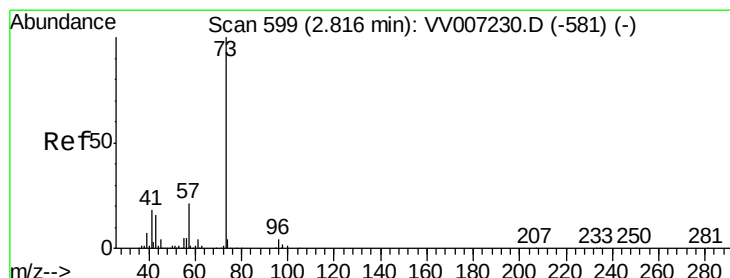
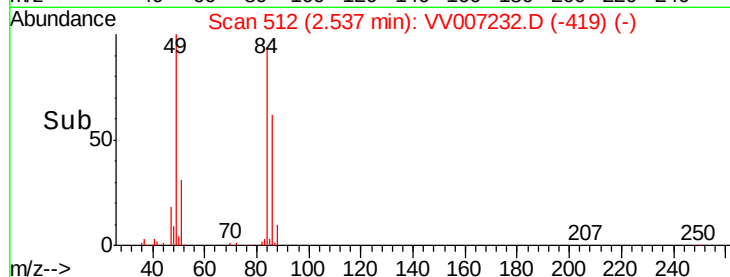
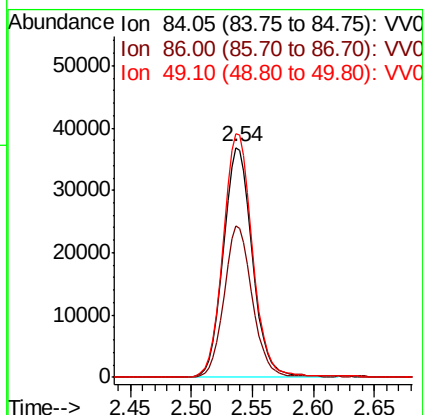
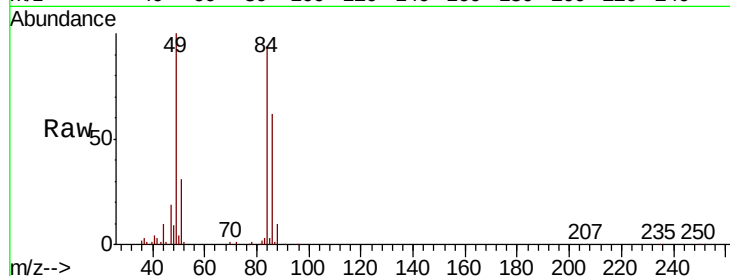




#16
Methylene chloride
Concen: 3.604 ug/L
RT: 2.54 min Scan# 512
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

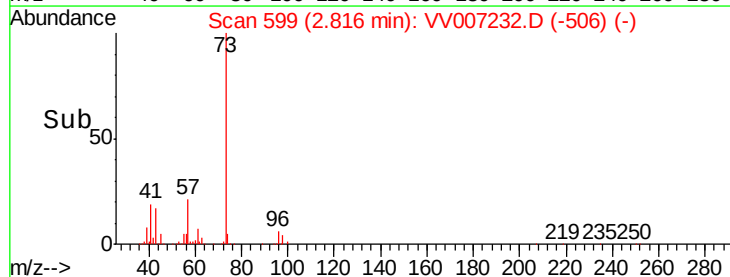
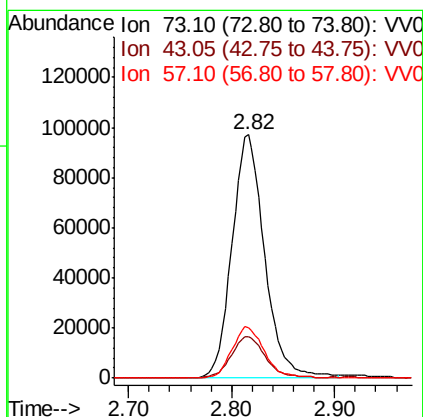
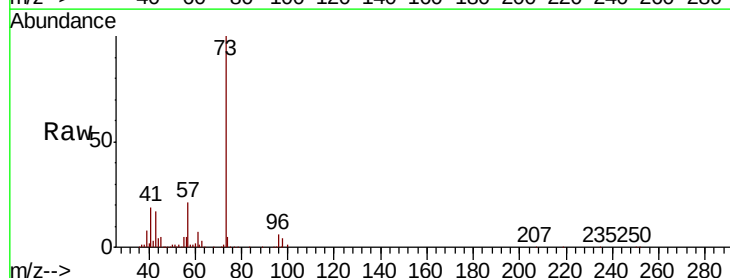
Instrument :
MSVOA_V
ClientSampled :
DB3H3

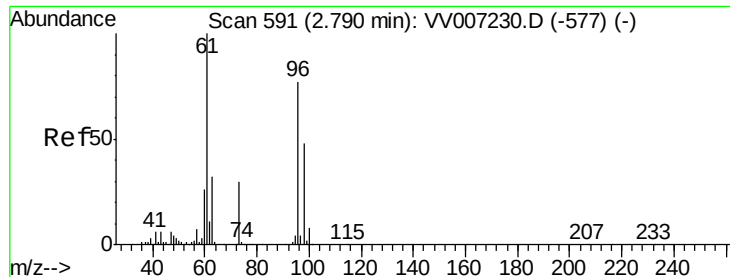
Tot Ion: 84 Resp: 62107
Ion Ratio Lower Upper
84 100
86 65.8 46.3 85.9
49 106.0 75.2 139.6



#17
Methyl tert-butyl Ether
Concen: 5.844 ug/L
RT: 2.82 min Scan# 599
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

Tgt Ion: 73 Resp: 213905
Ion Ratio Lower Upper
73 100
43 17.4 13.8 20.6
57 21.0 16.9 25.3





#18

trans-1,2-Dichloroethene

Concen: 7.509 ug/L

RT: 2.79 min Scan# 591

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

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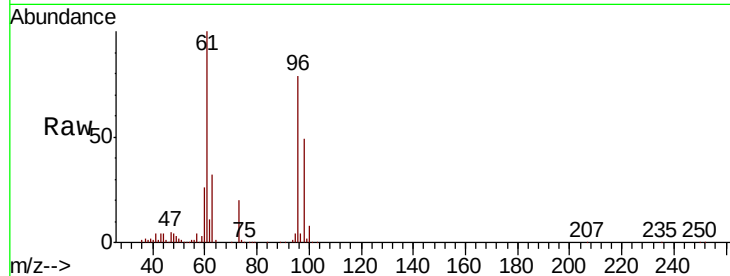
Tot Ion: 96 Resp: 118936

Ion Ratio Lower Upper

96 100

61 126.1 92.7 172.1

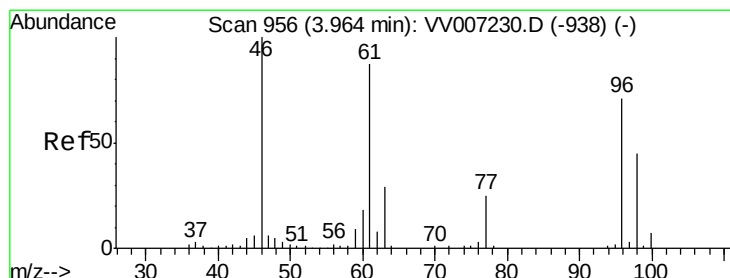
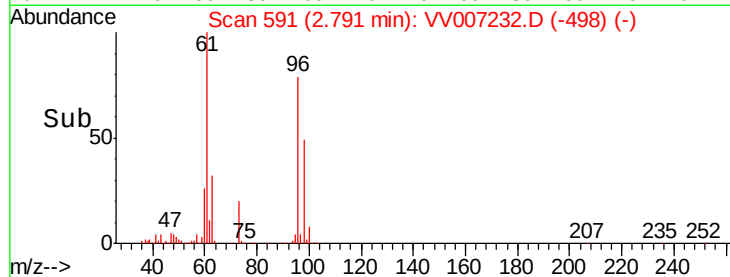
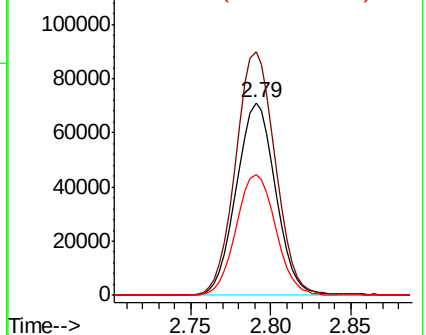
98 62.4 43.2 80.2



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 6.784 ug/L

RT: 3.96 min Scan# 956

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

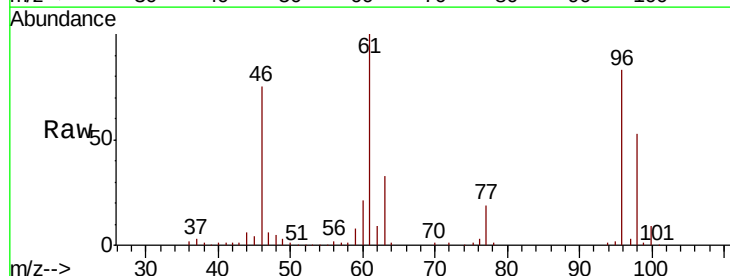
Tgt Ion: 96 Resp: 123314

Ion Ratio Lower Upper

96 100

61 120.0 87.1 161.7

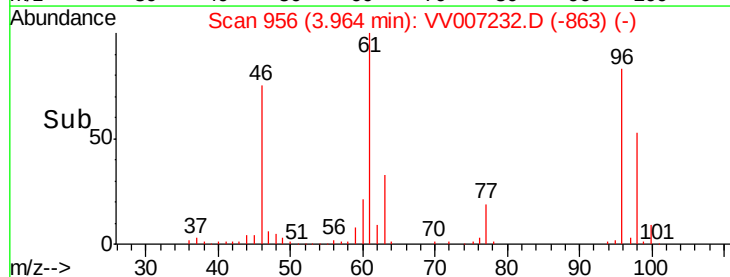
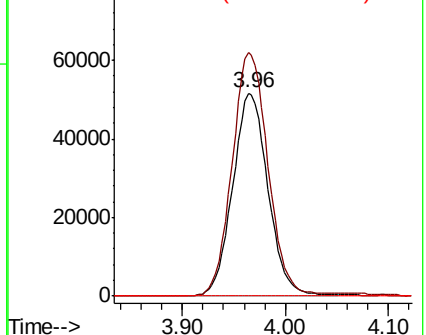
68 0.0 0.0 0.0

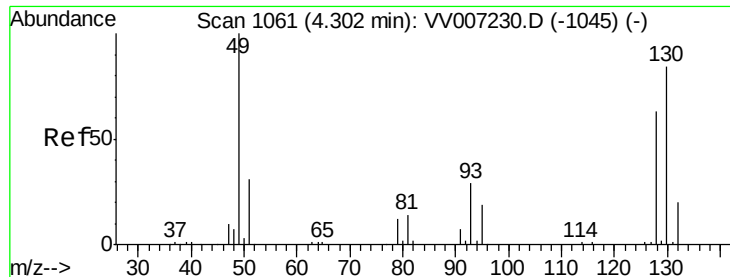


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#23

Bromochloromethane

Concen: 2.357 ug/L

RT: 4.31 min Scan# 1062

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Instrument :

MSVOA_V

ClientSampleId :

DB3H3

Tot Ion:128 Resp: 19402

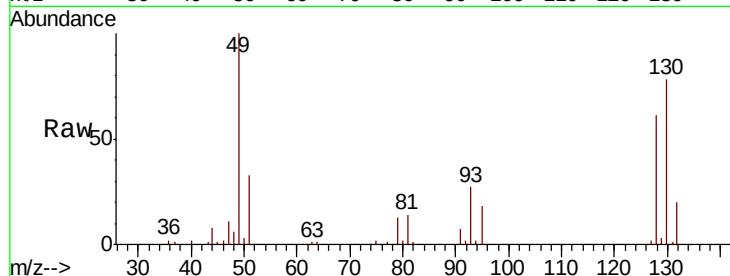
Ion Ratio Lower Upper

128 100

49 163.6 111.1 206.3

130 128.0 90.0 167.2

51 53.9 39.6 59.4

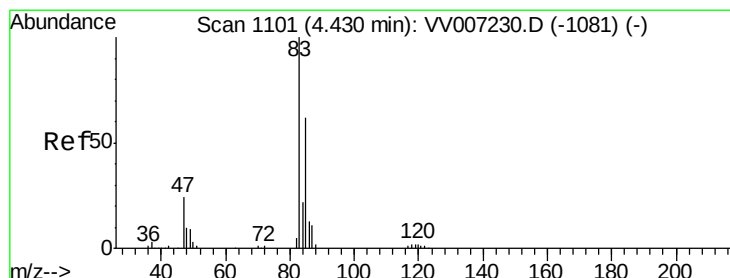
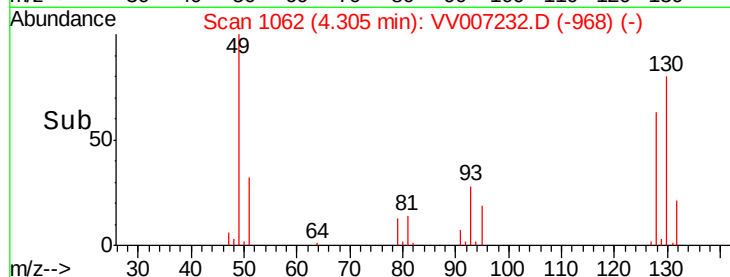
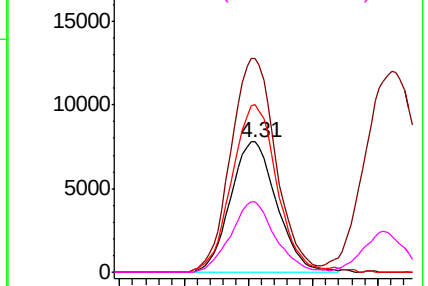


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VV0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VV0



#25

Chloroform

Concen: 5.225 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV007232.D

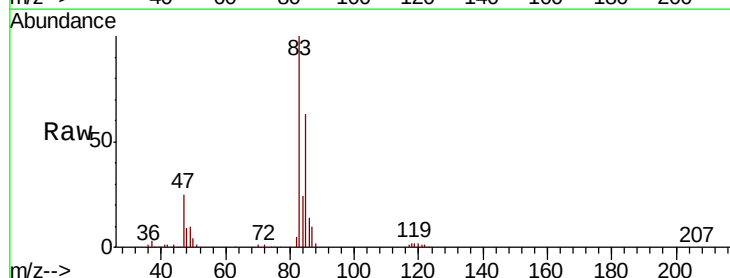
Acq: 28 Aug 2018 19:58

Tgt Ion: 83 Resp: 168665

Ion Ratio Lower Upper

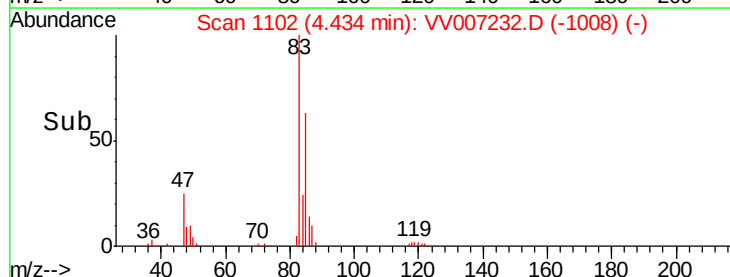
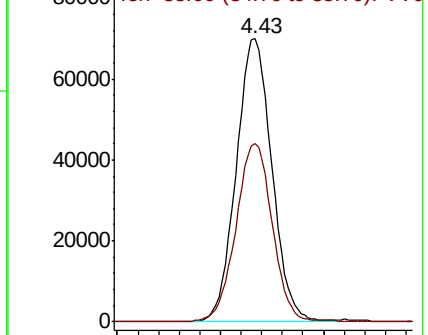
83 100

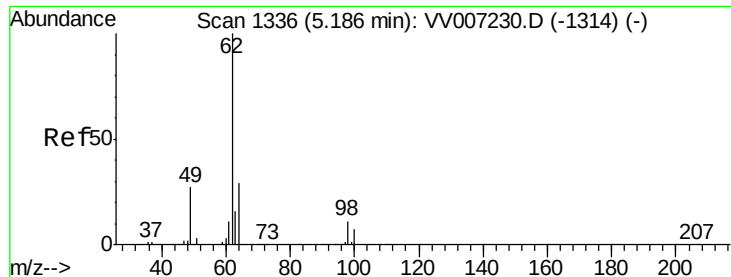
85 63.0 45.0 83.6



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

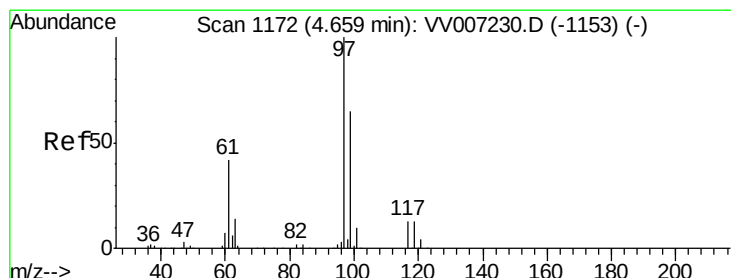
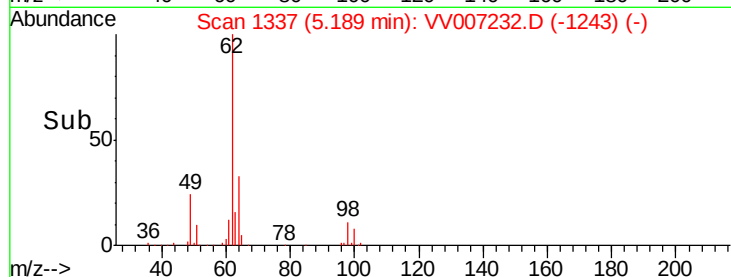
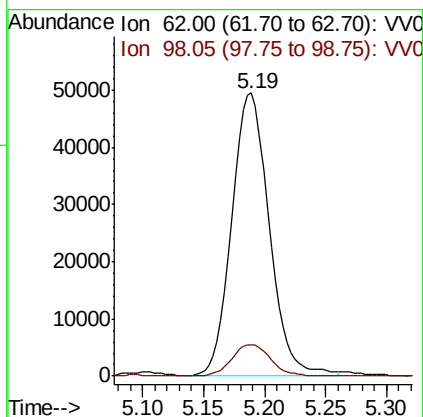
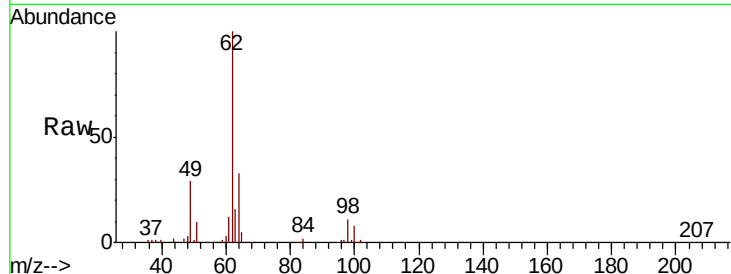




#27
 1,2-Dichloroethane
 Concen: 5.592 ug/L
 RT: 5.19 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VV007232.D
 Acq: 28 Aug 2018 19:58

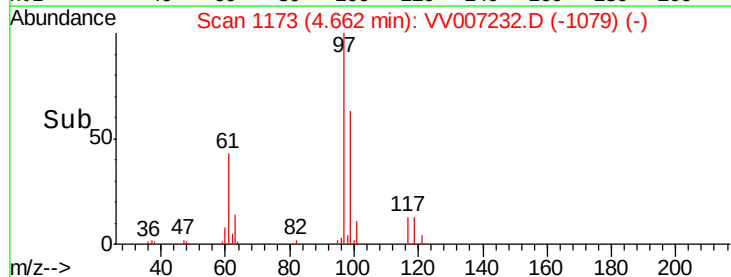
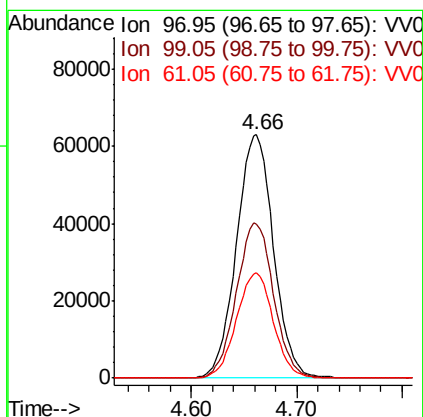
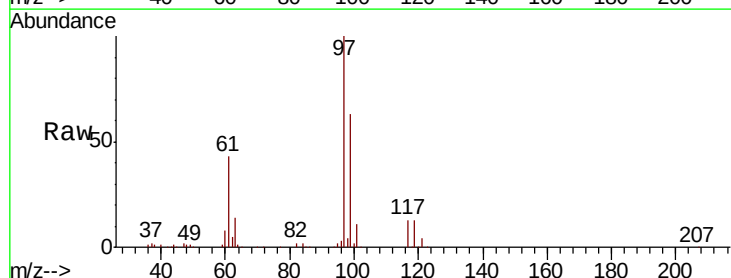
Instrument :
 MSVOA_V
 ClientSampled :
 DB3H3

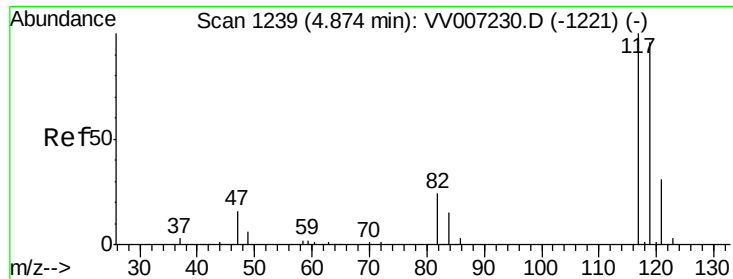
Tot Ion: 62 Resp: 106119
 Ion Ratio Lower Upper
 62 100
 98 11.2 8.1 12.1



#29
 1,1,1-Trichloroethane
 Concen: 5.666 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007232.D
 Acq: 28 Aug 2018 19:58

Tgt Ion: 97 Resp: 154163
 Ion Ratio Lower Upper
 97 100
 99 63.8 50.8 76.2
 61 43.0 34.6 51.8

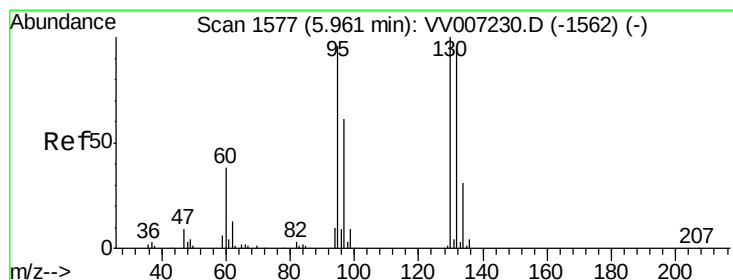
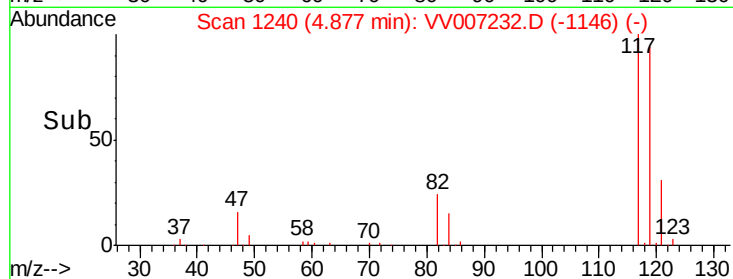
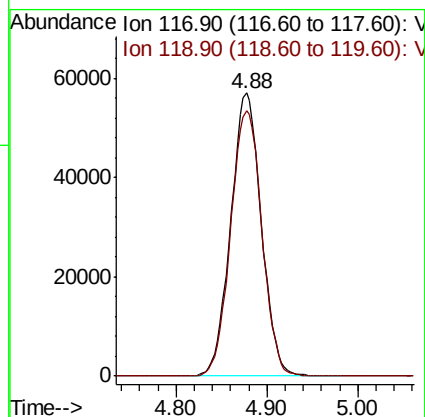
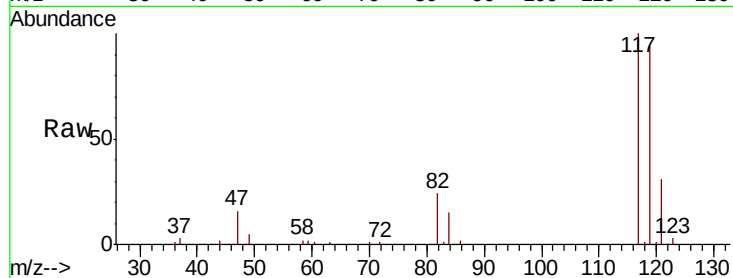




#31
Carbon tetrachloride
Concen: 5.766 ug/L
RT: 4.88 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

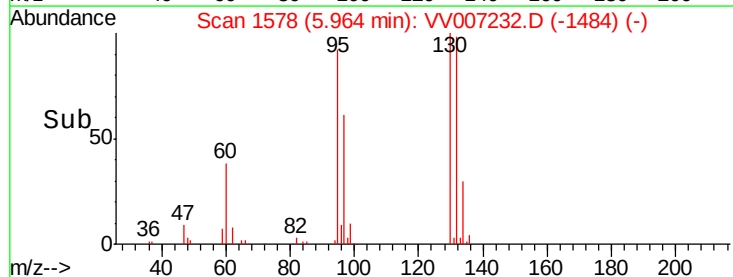
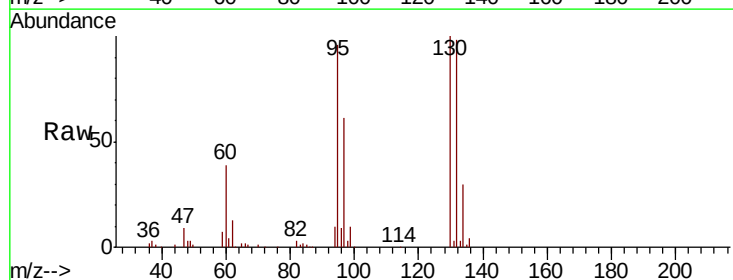
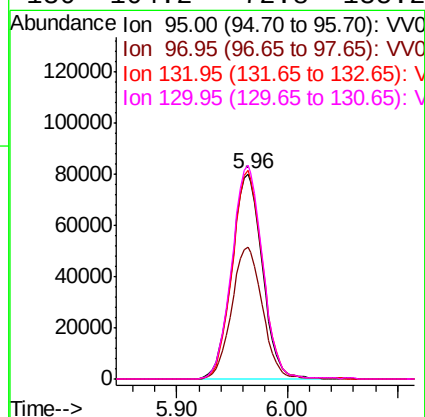
Instrument :
MSVOA_V
ClientSampleId :
DB3H3

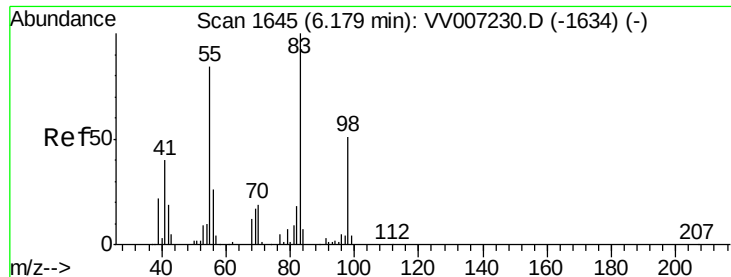
Tot Ion:117 Resp: 132878
Ion Ratio Lower Upper
117 100
119 95.9 77.2 115.8



#34
Trichloroethene
Concen: 8.865 ug/L
RT: 5.96 min Scan# 1578
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

Tgt Ion: 95 Resp: 154666
Ion Ratio Lower Upper
95 100
97 64.1 44.2 82.2
132 101.9 71.3 132.3
130 104.2 72.8 135.2

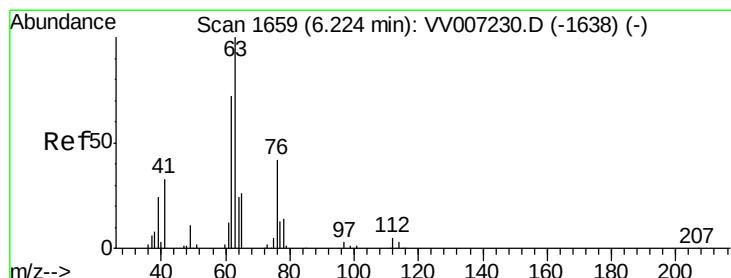
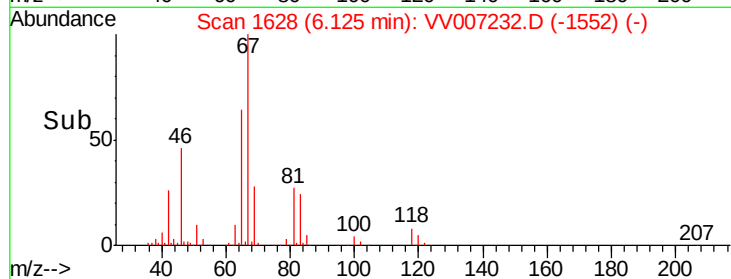
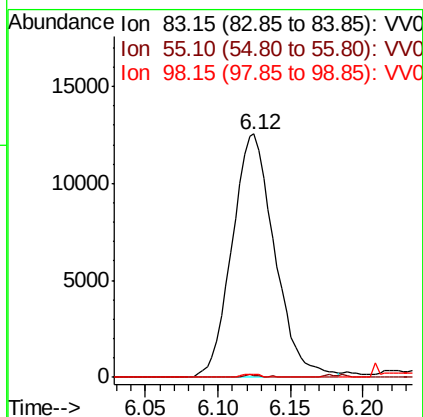
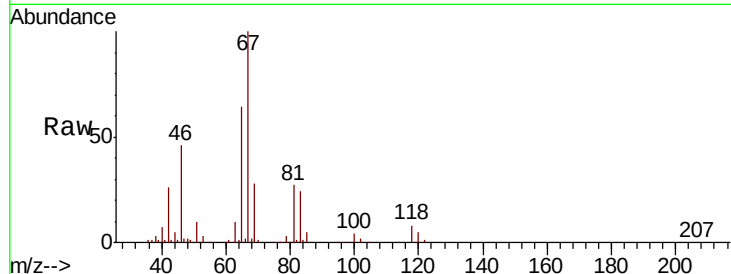




#35
Methylvlcyclohexane
Concen: 1.003 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

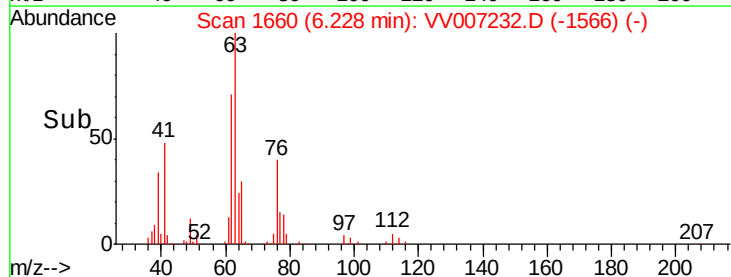
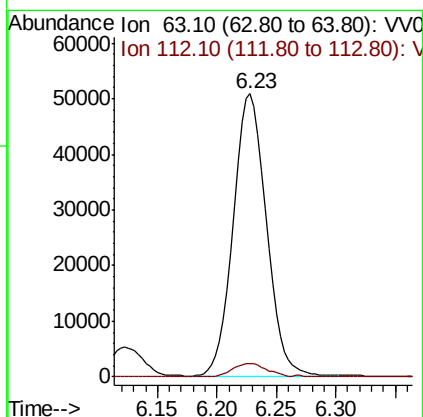
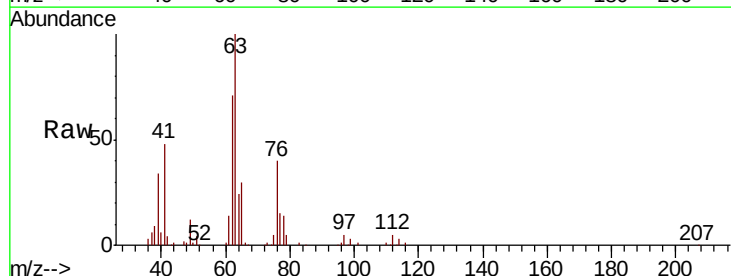
Instrument :
MSVOA_V
ClientSampleId :
DB3H3

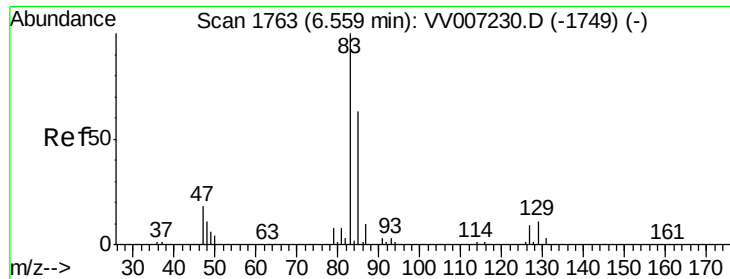
Tot Ion: 83 Resp: 25584
Ion Ratio Lower Upper
83 100
55 0.3 64.0 96.0#
98 0.0 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 5.351 ug/L
RT: 6.23 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

Tgt Ion: 63 Resp: 98240
Ion Ratio Lower Upper
63 100
112 4.9 3.9 5.9

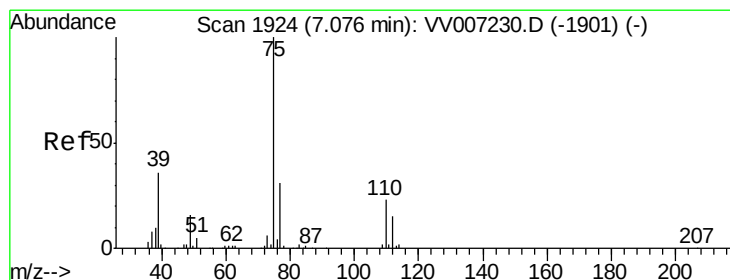
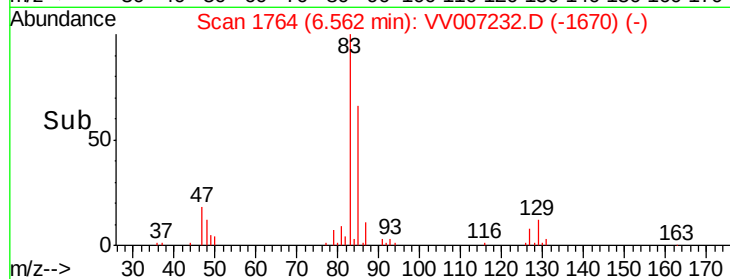
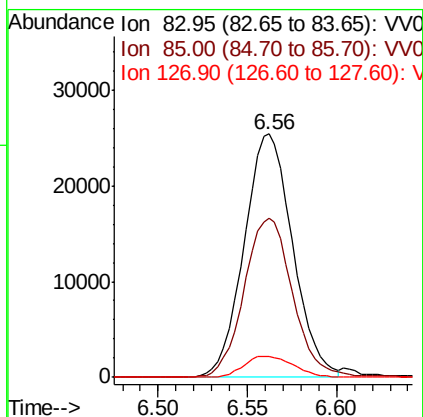
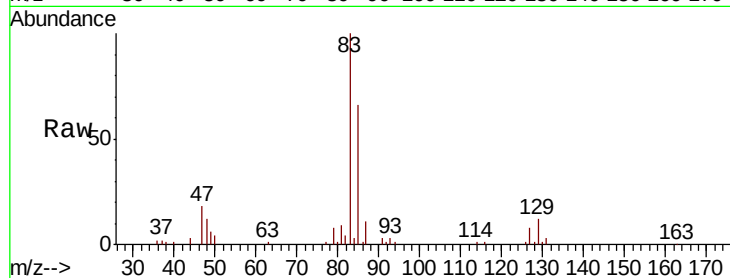




#38
Bromodichloromethane
Concen: 2.192 ug/L
RT: 6.56 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

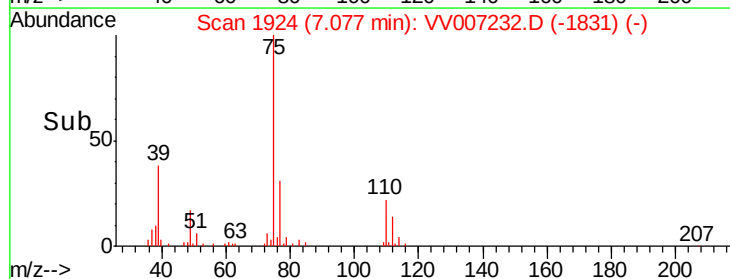
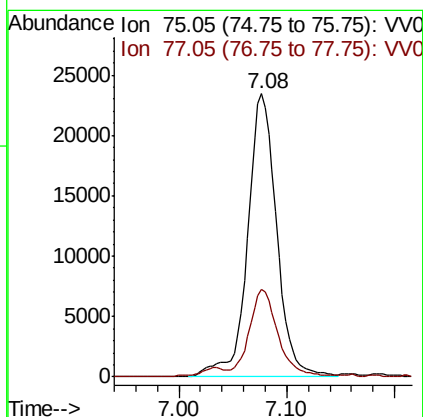
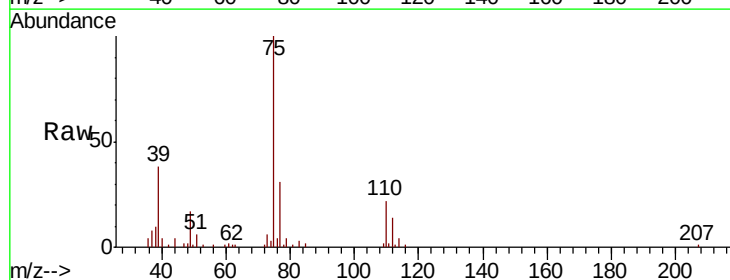
Instrument :
MSVOA_V
ClientSampleId :
DB3H3

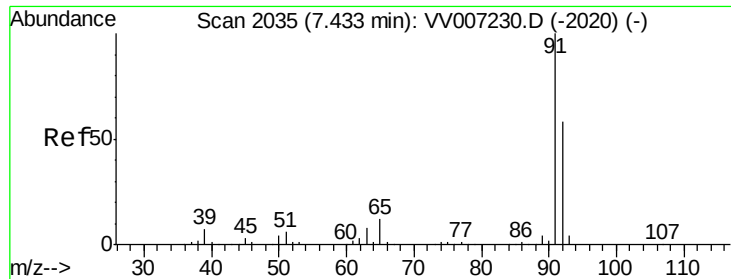
Tot Ion	83	Resp	48258
Ion Ratio	100		
Lower	46.5		
Upper	86.5		
85	65.6		
127	8.4		
	6.6		
	10.0		



#39
cis-1,3-Dichloropropene
Concen: 1.932 ug/L
RT: 7.08 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

Tgt Ion	75	Resp	44001
Ion Ratio	100		
Lower	22.2		
Upper	41.2		
77	30.8		





#42

Toluene

Concen: 3.165 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Instrument :

MSVOA_V

ClientSampleId :

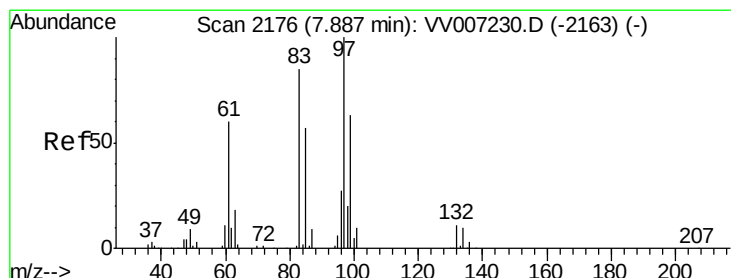
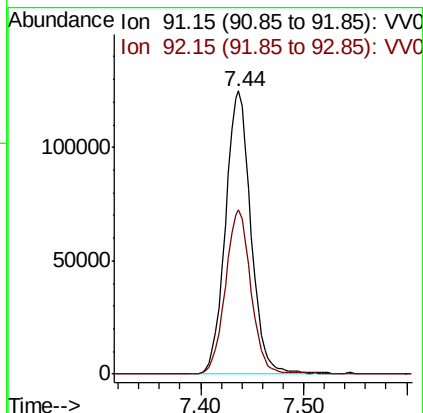
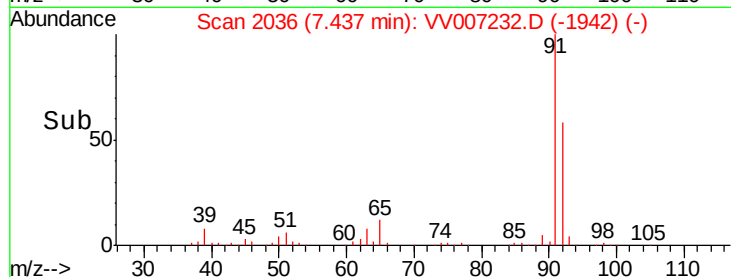
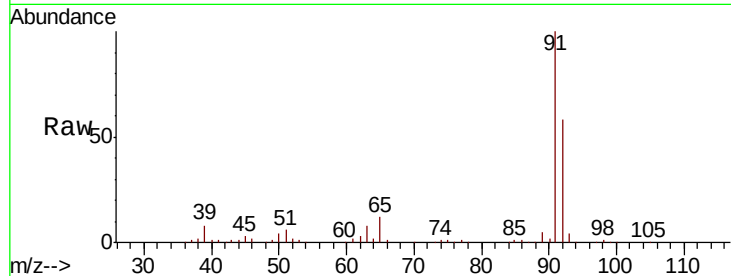
DB3H3

Tot Ion: 91 Resp: 214966

Ion Ratio Lower Upper

91 100

92 57.9 41.1 76.3



#45

1,1,2-Trichloroethane

Concen: 8.899 ug/L

RT: 7.89 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Tgt Ion: 97 Resp: 117777

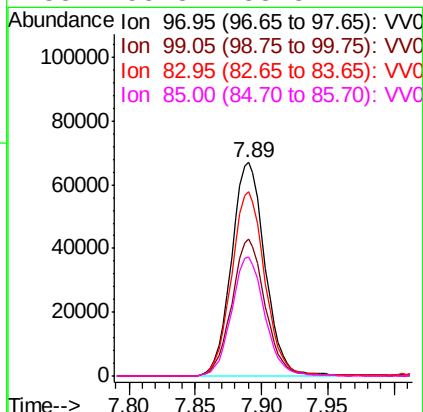
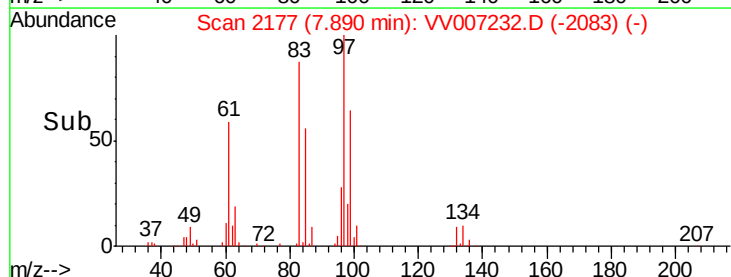
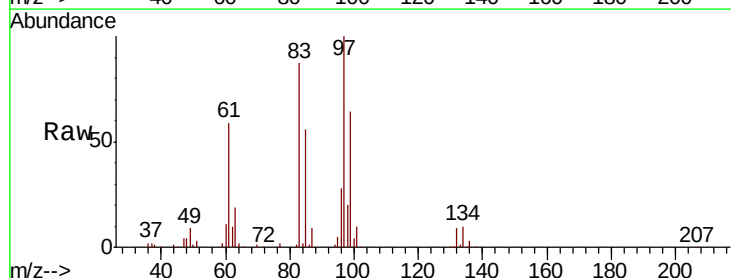
Ion Ratio Lower Upper

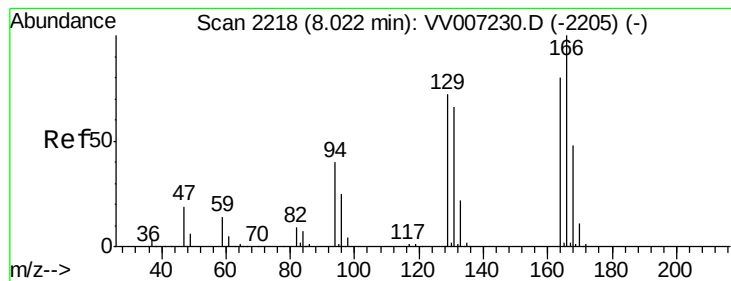
97 100

99 64.4 42.6 79.0

83 86.6 57.3 106.3

85 55.8 38.3 71.1





#47

Tetrachloroethene

Concen: 5.647 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Instrument :

MSVOA_V

ClientSampleId :

DB3H3

Tot Ion:164 Resp: 81427

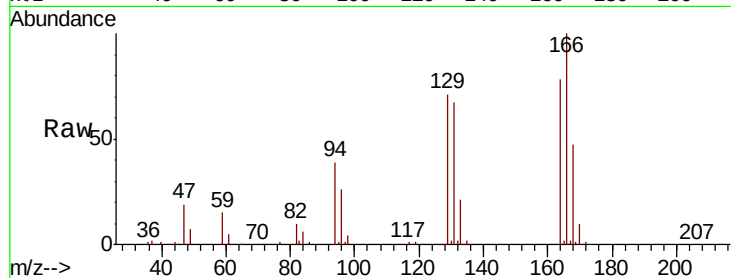
Ion Ratio Lower Upper

164 100

129 90.1 62.7 116.5

131 84.8 60.1 111.7

166 127.5 86.4 160.4



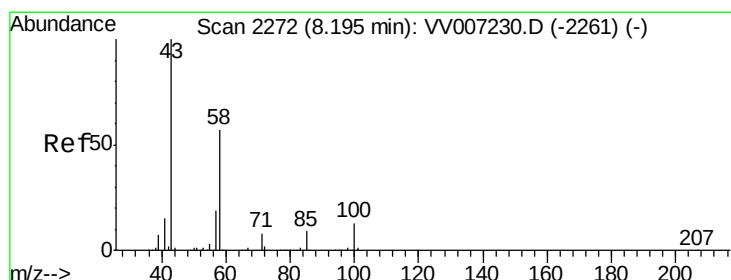
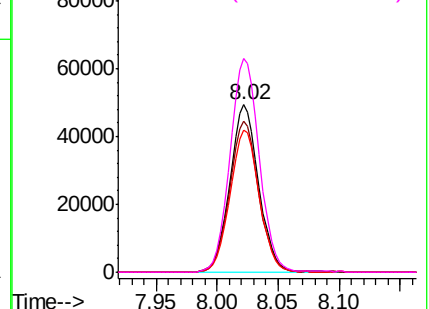
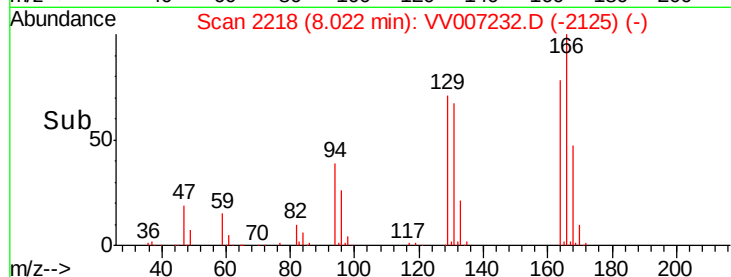
Abundance

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: 5.482 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Tgt Ion: 43 Resp: 39336

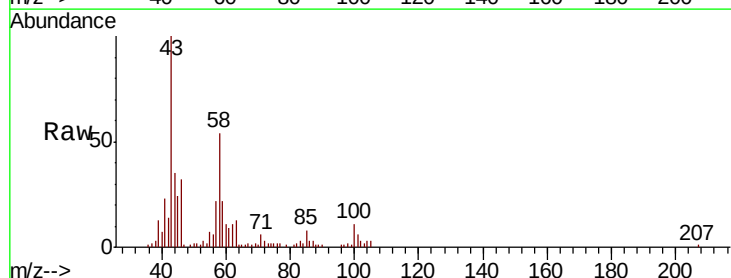
Ion Ratio Lower Upper

43 100

58 52.7 50.0 75.0

57 25.2 16.6 25.0#

100 11.9 10.2 15.4



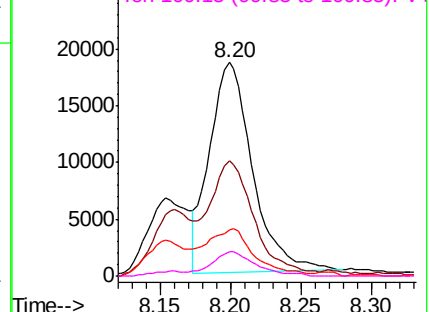
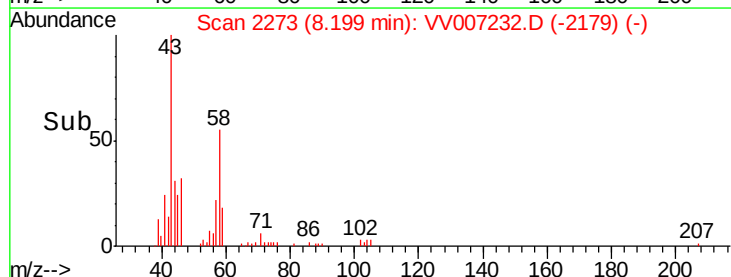
Abundance

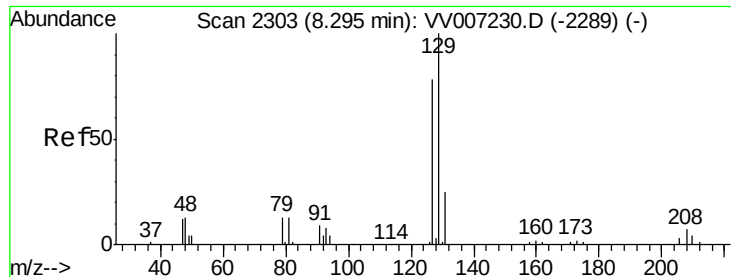
Ion 43.05 (42.75 to 43.75): VV0

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: 6.502 ug/L

RT: 8.30 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Instrument :

MSVOA_V

ClientSampleId :

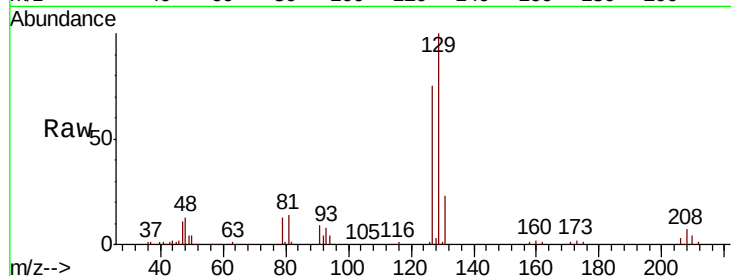
DB3H3

Tot Ion:129 Resp: 96849

Ion Ratio Lower Upper

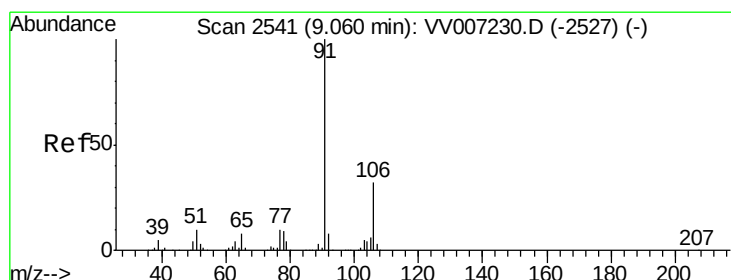
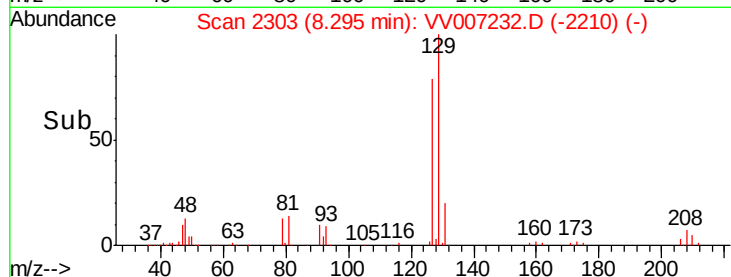
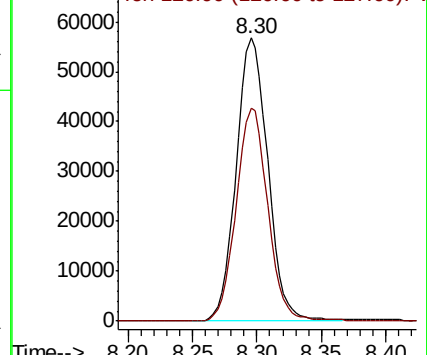
129 100

127 75.4 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: 11.410 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV007232.D

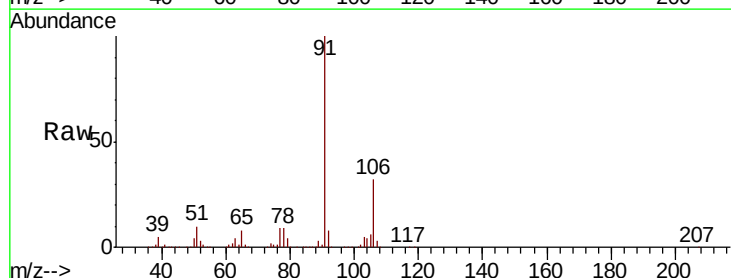
Acq: 28 Aug 2018 19:58

Tgt Ion: 91 Resp: 778374

Ion Ratio Lower Upper

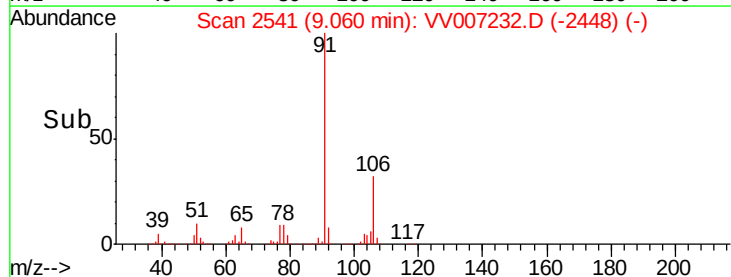
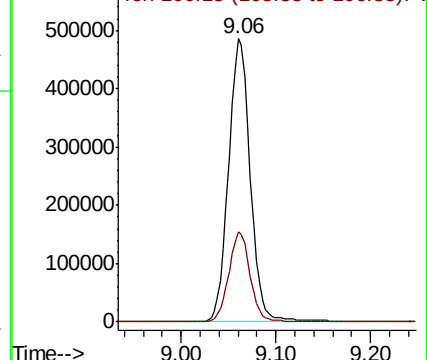
91 100

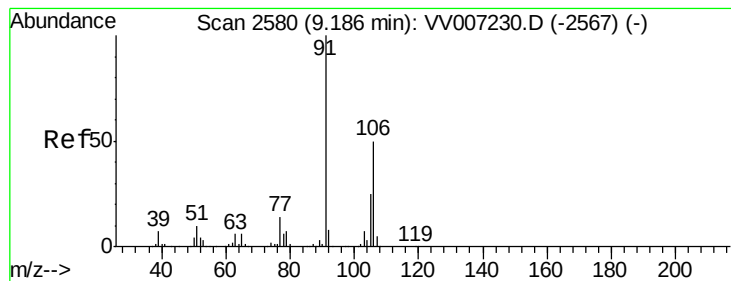
106 31.7 22.3 41.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 9.307 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.13 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Instrument :

MSVOA_V

ClientSampleId :

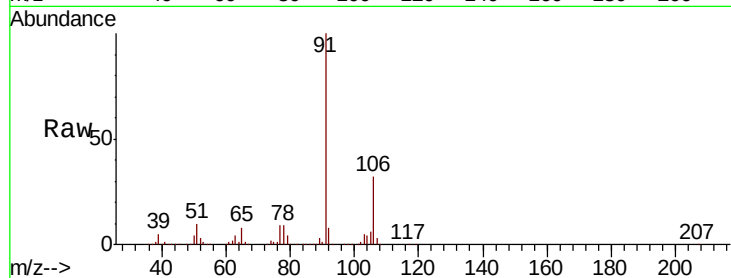
DB3H3

Tot Ion:106 Resp: 241783

Ion Ratio Lower Upper

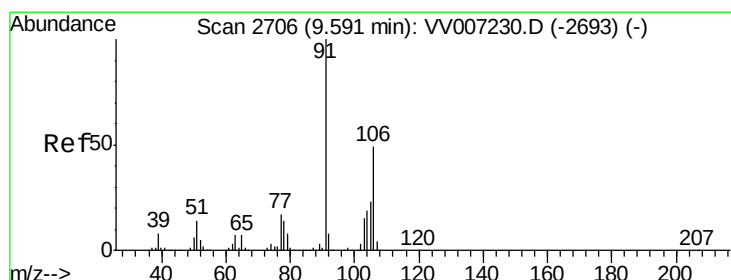
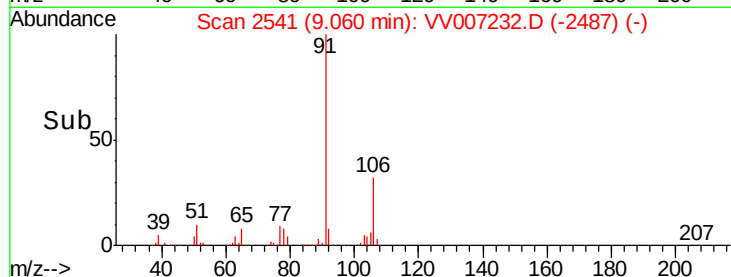
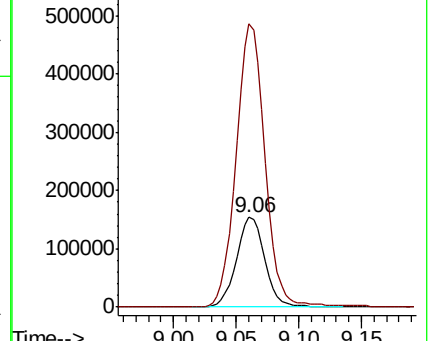
106 100

91 315.5 138.4 257.0#



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 3.252 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. 0.00 min

Lab File: VV007232.D

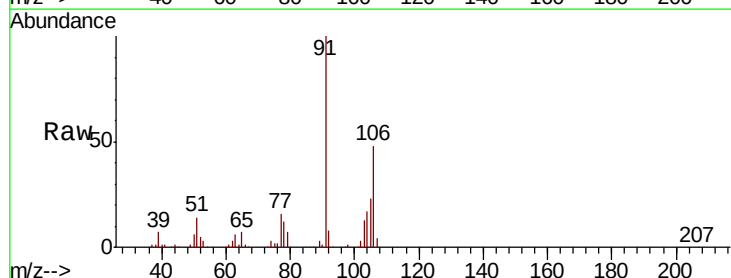
Acq: 28 Aug 2018 19:58

Tgt Ion:106 Resp: 78631

Ion Ratio Lower Upper

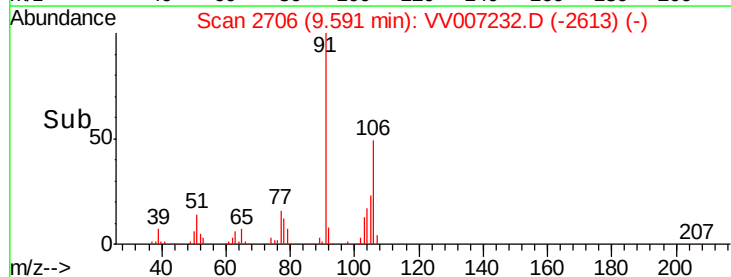
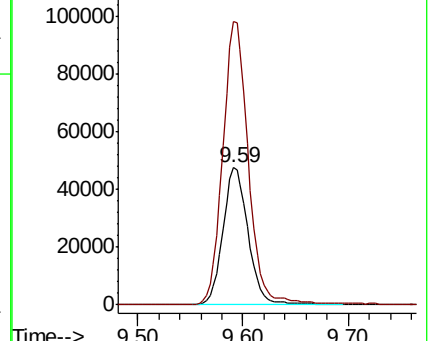
106 100

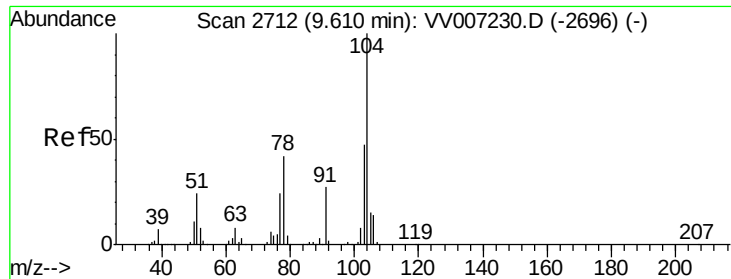
91 206.2 146.9 272.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

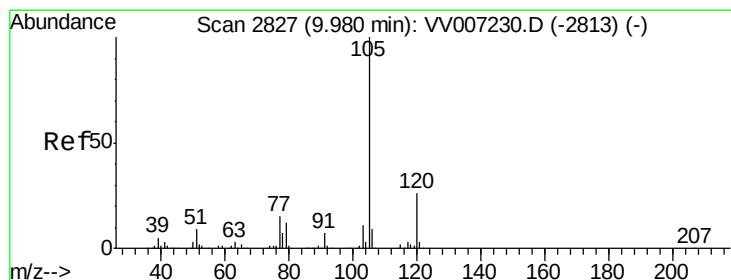
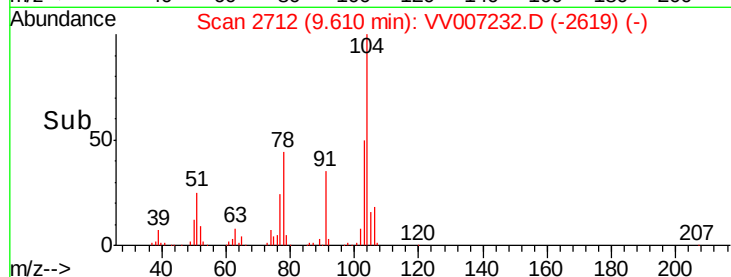
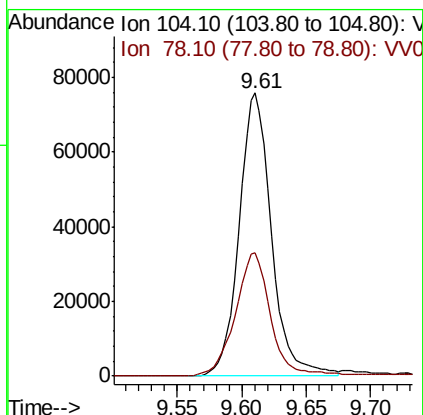
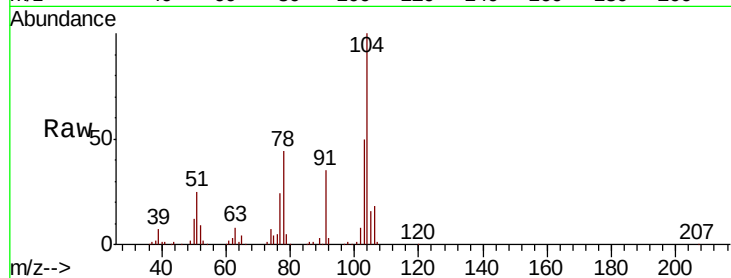




#55
Stvrene
Concen: 3.125 ug/L
RT: 9.61 min Scan# 2712
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

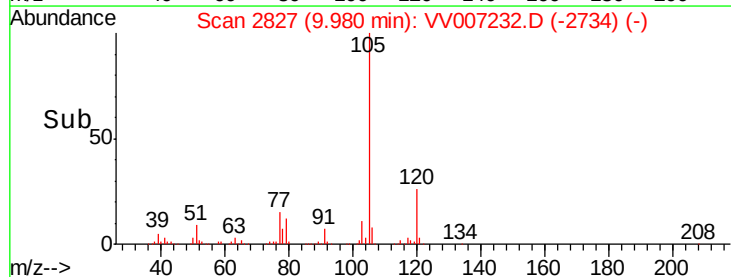
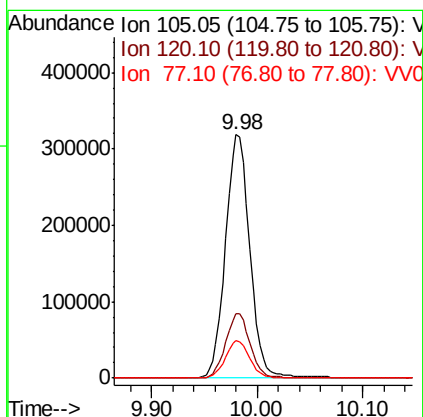
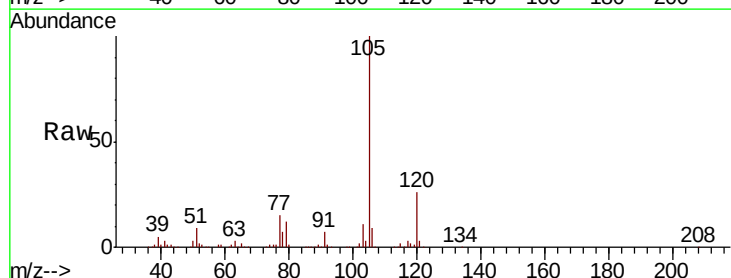
Instrument :
MSVOA_V
ClientSampleId :
DB3H3

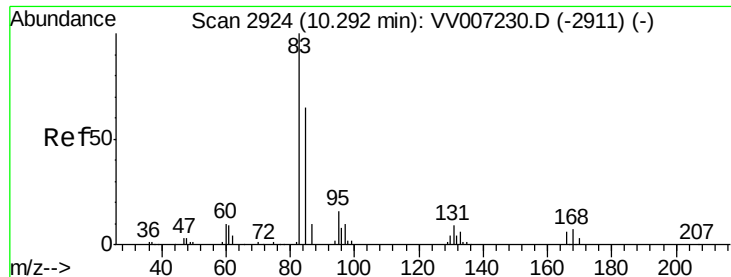
Tot Ion:104 Resp: 132451
Ion Ratio Lower Upper
104 100
78 43.7 30.2 56.2



#56
Isopropylbenzene
Concen: 7.936 ug/L
RT: 9.98 min Scan# 2827
Delta R.T. 0.00 min
Lab File: VV007232.D
Acq: 28 Aug 2018 19:58

Tgt Ion:105 Resp: 510256
Ion Ratio Lower Upper
105 100
120 26.6 21.0 31.4
77 15.5 12.1 18.1





#58

1,1,2,2-Tetrachloroethane

Concen: 5.472 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. 0.00 min

Lab File: VV007232.D

Acq: 28 Aug 2018 19:58

Instrument :

MSVOA_V

ClientSampleId :

DB3H3

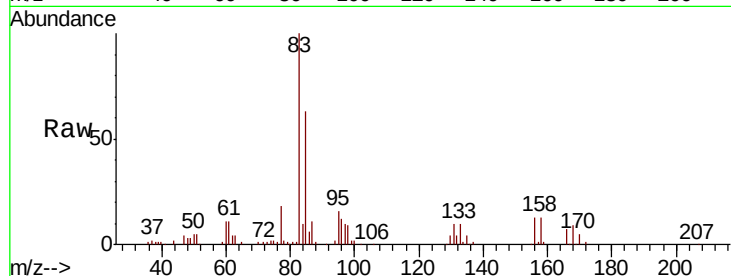
Tot Ion: 83 Resp: 84701

Ion Ratio Lower Upper

83 100

85 63.5 43.7 81.1

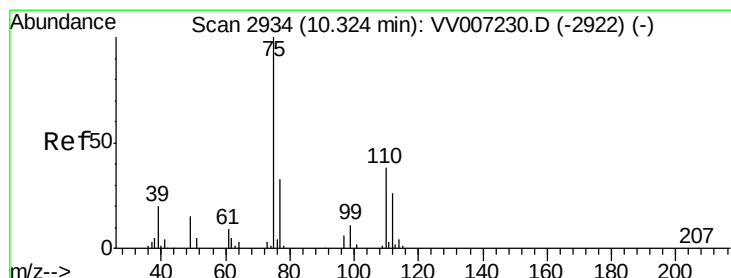
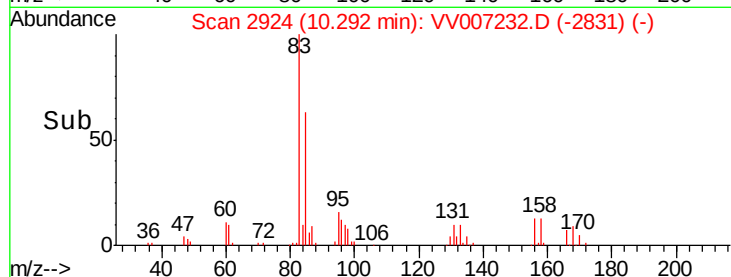
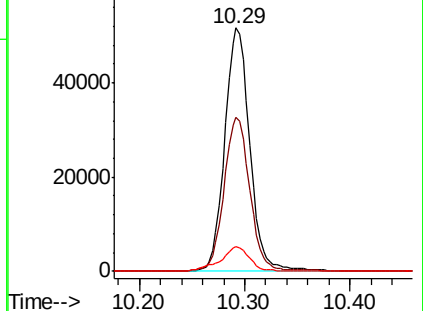
131 10.0 7.7 11.5



Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): VV0



#59

1,2,3-Trichloropropane

Concen: 1.024 ug/L

RT: 10.27 min Scan# 2916

Delta R.T. -0.06 min

Lab File: VV007232.D

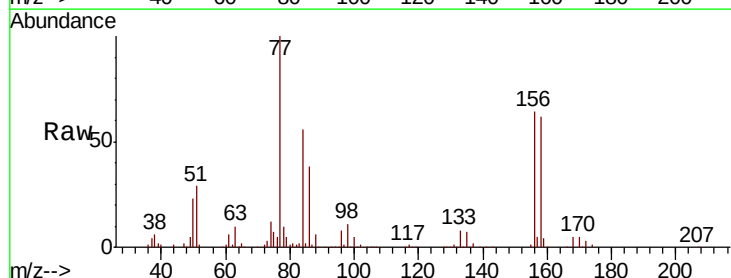
Acq: 28 Aug 2018 19:58

Tgt Ion: 75 Resp: 11422

Ion Ratio Lower Upper

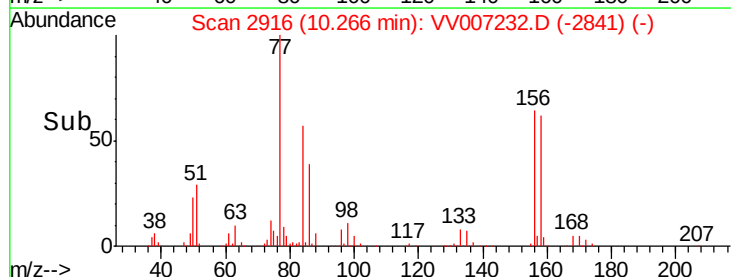
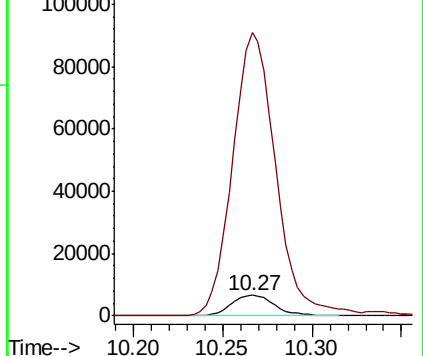
75 100

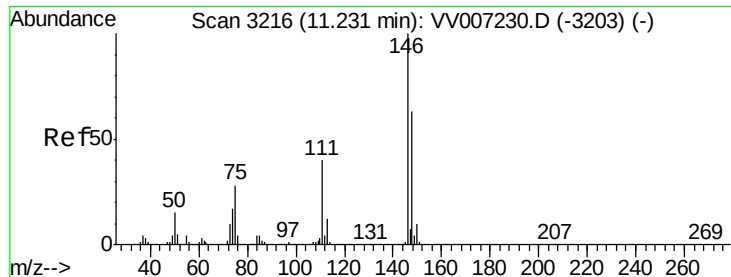
77 1342.5 26.0 39.0#



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

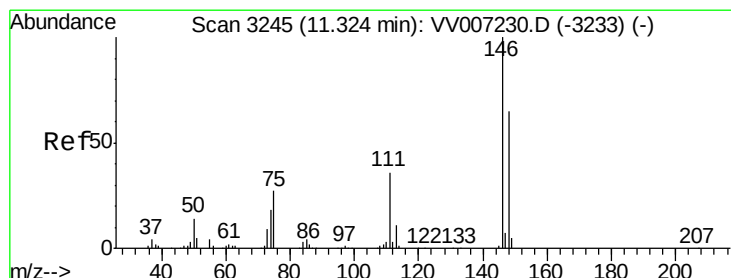
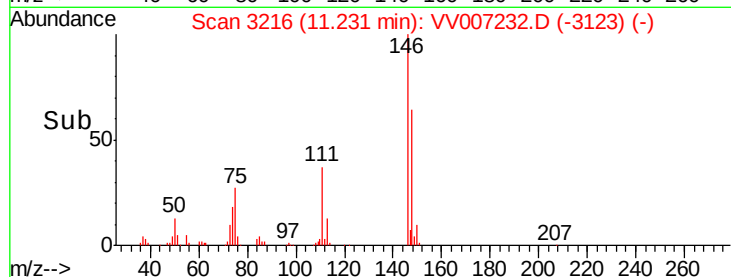
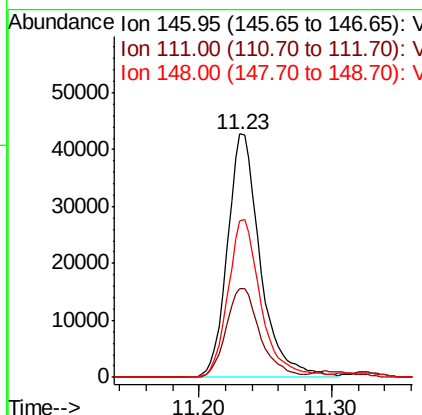
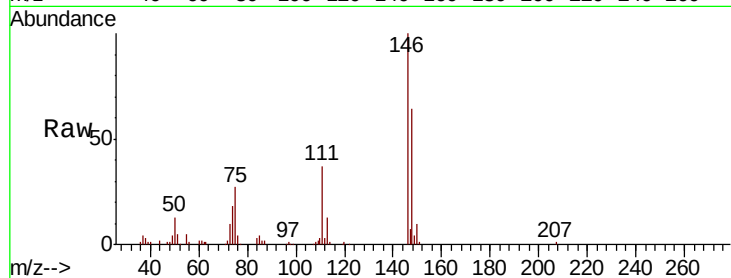




#62
 1,3-Dichlorobenzene
 Concen: 2.160 ug/L
 RT: 11.23 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: VV007232.D
 Acq: 28 Aug 2018 19:58

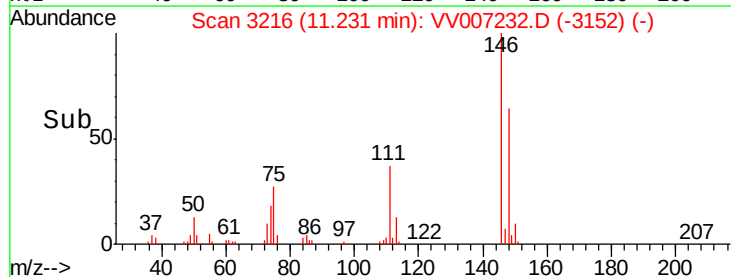
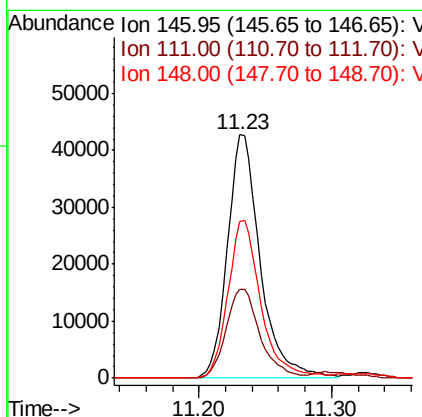
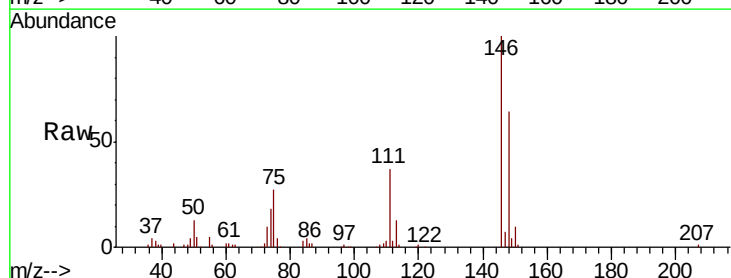
Instrument :
 MSVOA_V
 ClientSampleId :
 DB3H3

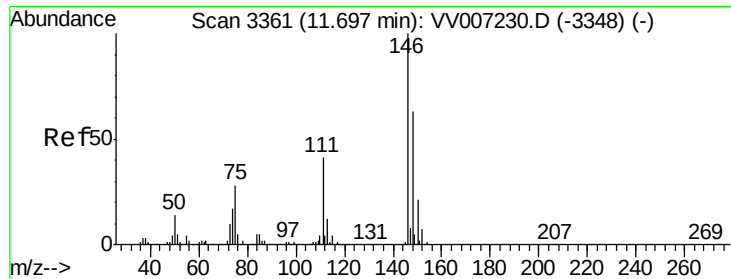
Tot Ion	146	Resp	73499
Ion	Ratio	Lower	Upper
146	100		
111	36.6	27.2	50.4
148	64.1	45.0	83.6



#63
 1,4-Dichlorobenzene
 Concen: 2.044 ug/L
 RT: 11.23 min Scan# 3216
 Delta R.T. -0.09 min
 Lab File: VV007232.D
 Acq: 28 Aug 2018 19:58

Tgt Ion	146	Resp	73499
Ion	Ratio	Lower	Upper
146	100		
111	36.6	25.4	47.2
148	64.1	44.3	82.3





#65
 1,2-Dichlorobenzene
 Concen: 2.110 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV007232.D
 Acq: 28 Aug 2018 19:58

Instrument :
 MSVOA_V
 ClientSampleId :
 DB3H3

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	33.0	49.6
148	61.5	51.6	77.4

