

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082918\
 Data File : VV007260.D
 Acq On : 29 Aug 2018 16:44
 Operator : SY/MD
 Sample : J4650-12
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 04:44:24 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	244320	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	243184	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	107088	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66866	3.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	1.58	69	63679	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	123759	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.40%
20) 2-Butanone-d5	3.97	46	240608	55.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.12%
24) Chloroform-d	4.41	84	164472	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.09	65	85885	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	321626	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	107682	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.37	98	233210	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	7.67	79	34783	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.15	63	103064	49.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.12%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	86682	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	102365	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	83273	4.232	ug/L 99
6) Bromomethane	1.54	94	26421	3.917	ug/L 99
9) Trichlorofluoromethane	1.77	101	208731	7.922	ug/L 98
12) 1,1-Dichloroethene	2.14	96	58333	3.946	ug/L 97
13) Acetone	2.21	43	139860	64.404	ug/L 98
14) Carbon disulfide	2.32	76	244885	5.618	ug/L 100
15) Methyl Acetate	2.21	43	137565	23.887	ug/L # 47
16) Methylene chloride	2.54	84	44521	2.484	ug/L 99
17) Methyl tert-butyl Ether	2.82	73	346673	9.106	ug/L 100
19) 1,1-Dichloroethane	3.23	63	311093	9.278	ug/L 99
21) 2-Butanone	4.05	43	466818	103.379	ug/L 85
27) 1,2-Dichloroethane	5.19	62	152488	7.725	ug/L 97
29) 1,1,1-Trichloroethane	4.66	97	253490	8.945	ug/L 100
30) Cyclohexane	4.73	56	321853	12.906	ug/L 99
31) Carbon tetrachloride	4.66	117	33337	1.389	ug/L 98
34) Trichloroethene	5.96	95	96800	5.327	ug/L 98
35) Methylcyclohexane	6.18	83	178393	6.713	ug/L 98

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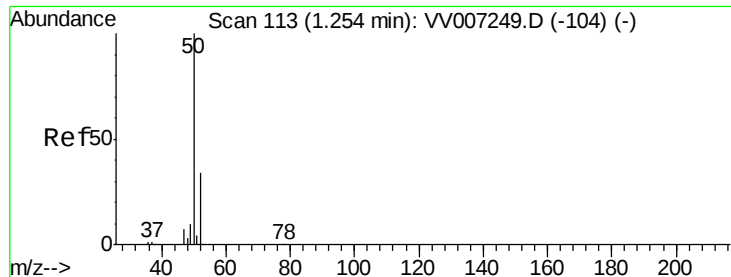
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 04:44:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

37) 1,2-Dichloropropane	6.22	63	43845	2.293	ug/L	98
42) Toluene	7.44	91	641508	9.069	ug/L	99
47) Tetrachloroethene	8.02	164	136103	9.063	ug/L	98
48) 2-Hexanone	8.20	43	450100	60.229	ug/L	99
49) Dibromochloromethane	8.02	129	116188	7.490	ug/L #	10
50) 1,2-Dibromoethane	8.40	107	203042	17.232	ug/L	99
51) Chlorobenzene	8.93	112	541711	11.265	ug/L	100
52) Ethylbenzene	9.06	91	506292	7.126	ug/L	99
53) m,p-xylene	9.19	106	419187	15.493	ug/L	99
54) o-xylene	9.59	106	150962	5.995	ug/L	100
55) Styrene	9.61	104	267643	6.063	ug/L	99
56) Isopropylbenzene	9.98	105	232046	3.465	ug/L	99
61) Bromoform	9.78	173	43303	5.387	ug/L	99
62) 1,3-Dichlorobenzene	11.32	146	149818	4.664	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	149818	4.413	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	427940	13.329	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	8086	4.300	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	138599	5.895	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	174692	11.248	ug/L	99

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



#3

Chloromethane

Concen: 4.232 ug/L

RT: 1.25 min Scan# 113

Delta R.T. -0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

Instrument :

MSVOA_V

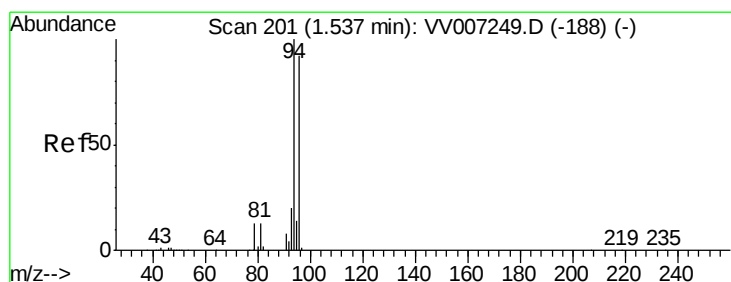
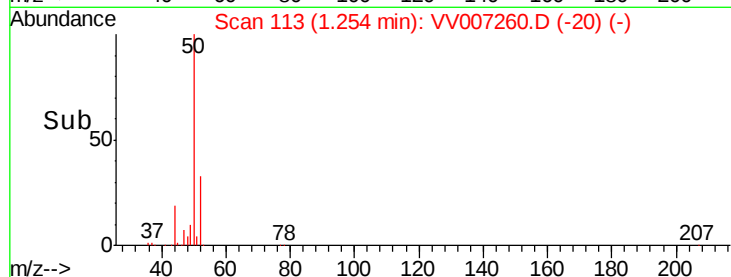
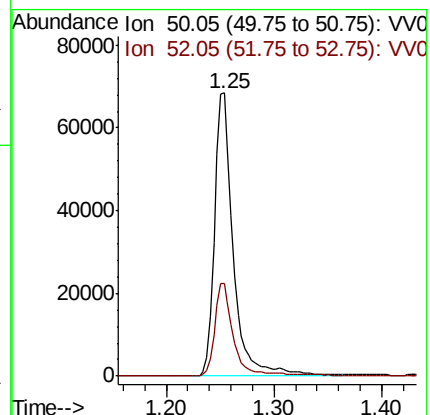
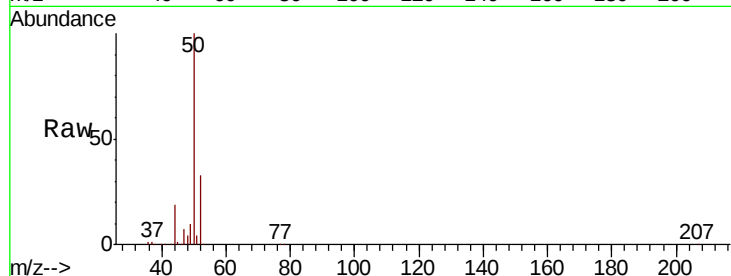
ClientSampleId :

Tot Ion: 50 Resp: 83273

Ion Ratio Lower Upper

50 100

52 33.0 22.5 41.9



#6

Bromomethane

Concen: 3.917 ug/L

RT: 1.54 min Scan# 201

Delta R.T. -0.00 min

Lab File: VV007260.D

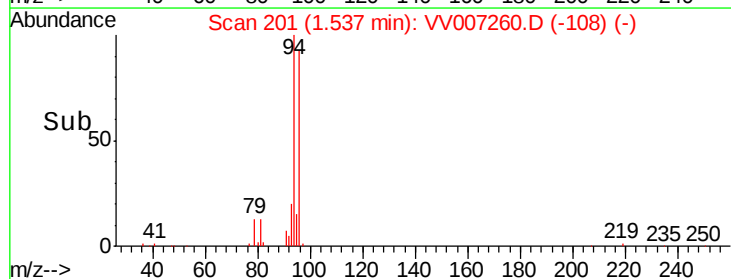
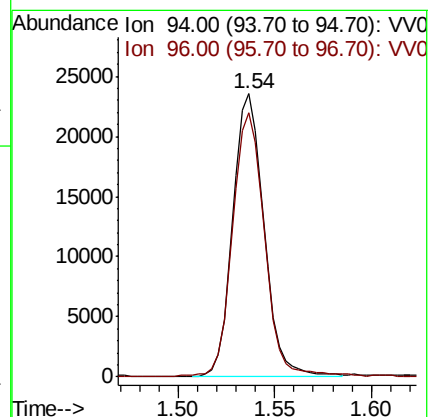
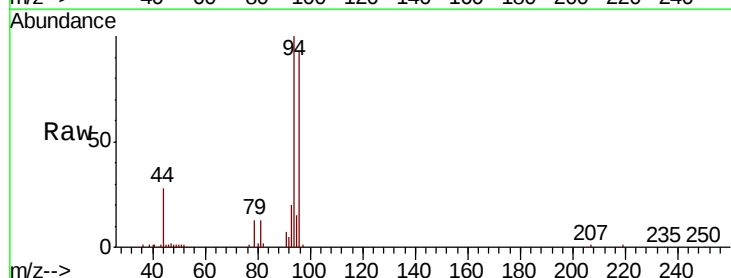
Acq: 29 Aug 2018 16:44

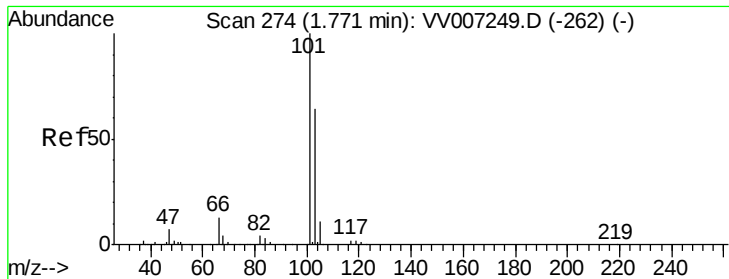
Tgt Ion: 94 Resp: 26421

Ion Ratio Lower Upper

94 100

96 93.2 65.8 122.2



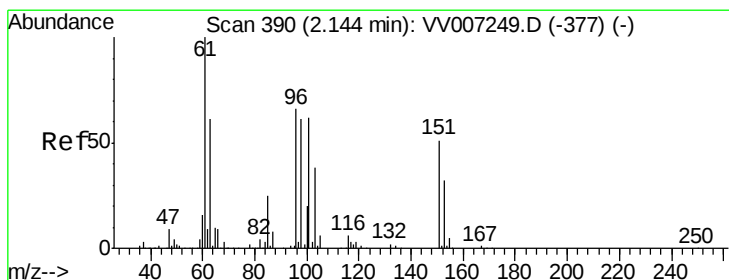
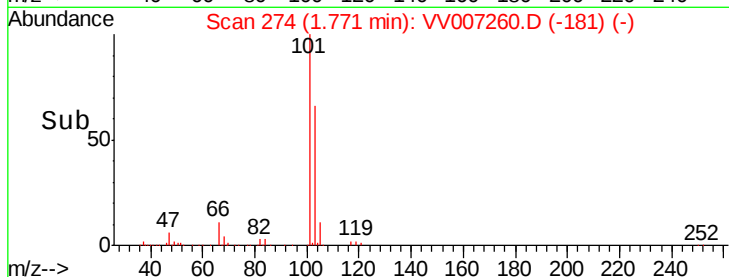
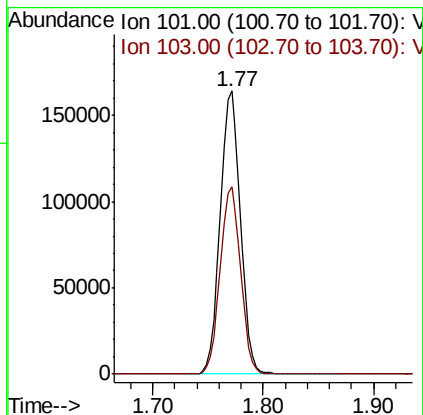
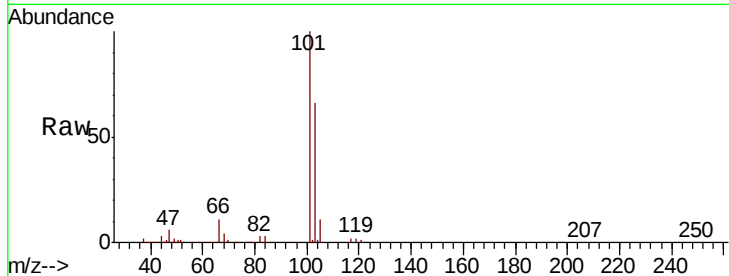


#9

Trichlorofluoromethane
 Concen: 7.922 ug/L
 RT: 1.77 min Scan# 274
 Delta R.T. -0.00 min
 Lab File: VV007260.D
 Acq: 29 Aug 2018 16:44

Instrument :
 MSVOA_V
 ClientSampleId :

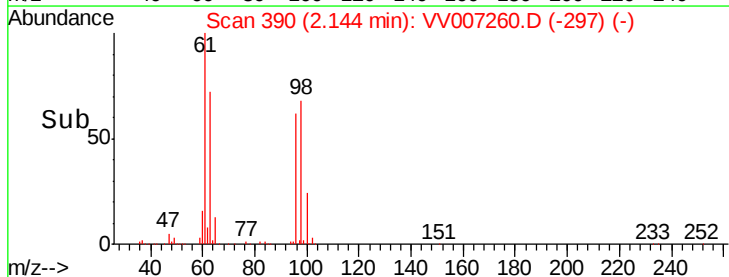
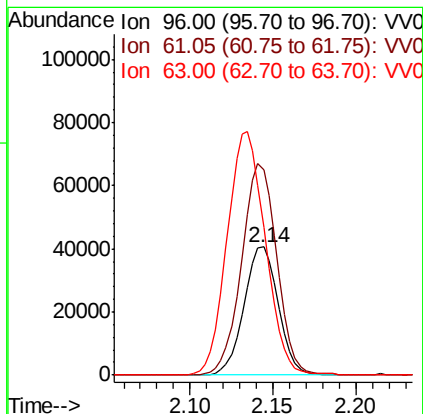
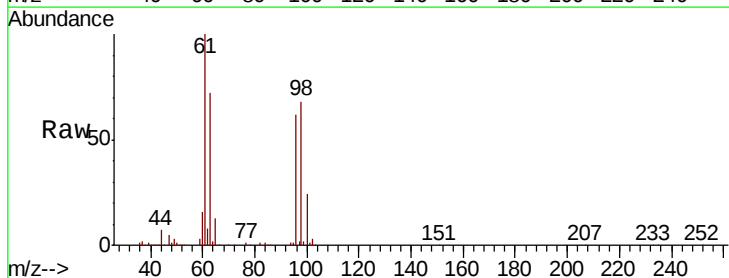
Tot Ion:101 Resp: 208731
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.9 77.9

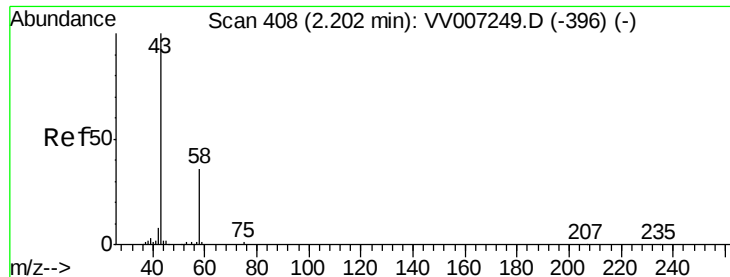


#12

1,1-Dichloroethene
 Concen: 3.946 ug/L
 RT: 2.14 min Scan# 390
 Delta R.T. -0.00 min
 Lab File: VV007260.D
 Acq: 29 Aug 2018 16:44

Tgt Ion: 96 Resp: 58333
 Ion Ratio Lower Upper
 96 100
 61 160.6 112.3 208.5
 63 115.8 75.4 140.0





#13

Acetone

Concen: 64.404 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.01 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

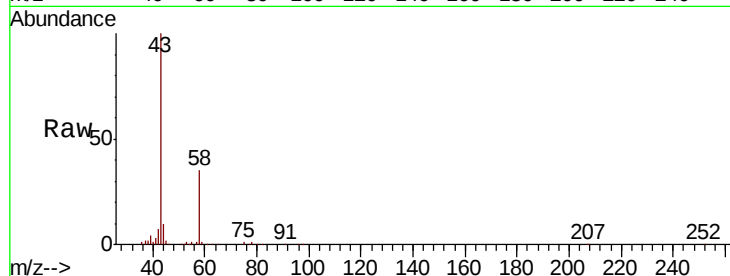
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 139860

Ion Ratio Lower Upper

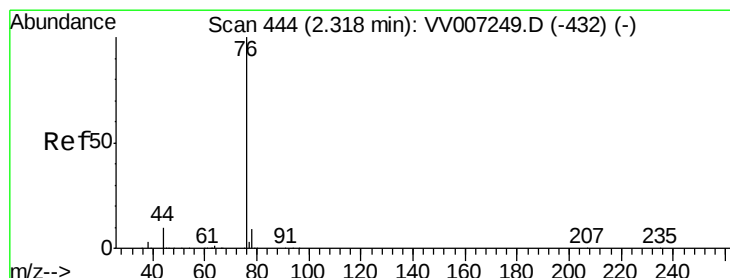
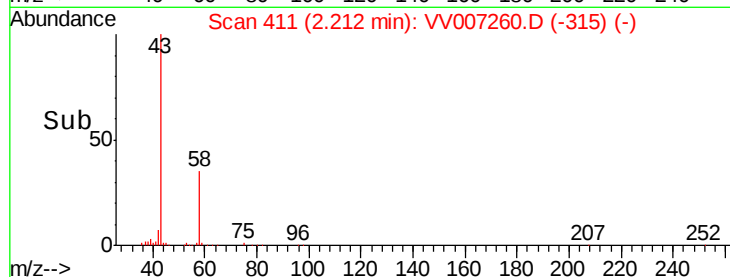
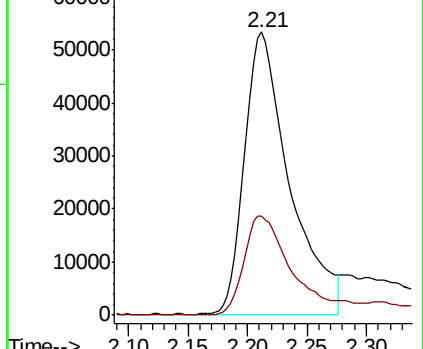
43 100

58 36.0 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VV007249.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007249.D (-396) (-)



#14

Carbon disulfide

Concen: 5.618 ug/L

RT: 2.32 min Scan# 445

Delta R.T. 0.00 min

Lab File: VV007260.D

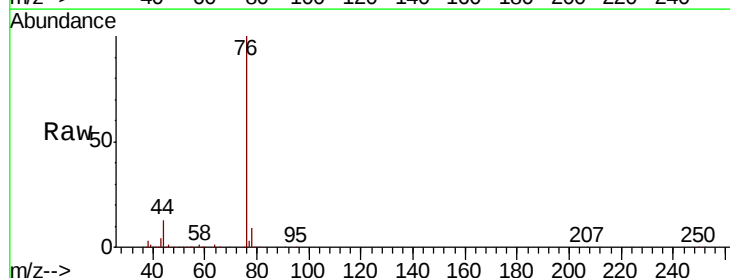
Acq: 29 Aug 2018 16:44

Tgt Ion: 76 Resp: 244885

Ion Ratio Lower Upper

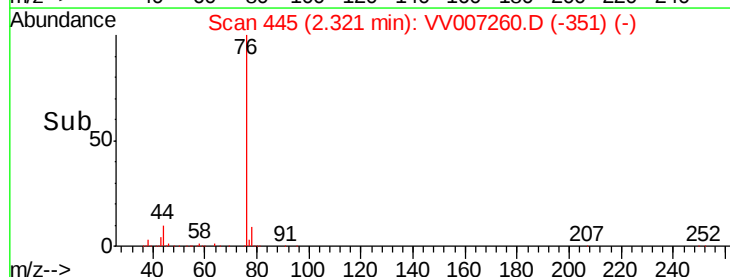
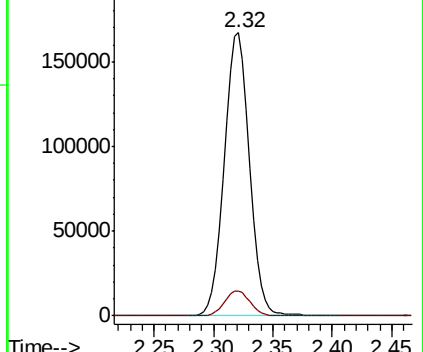
76 100

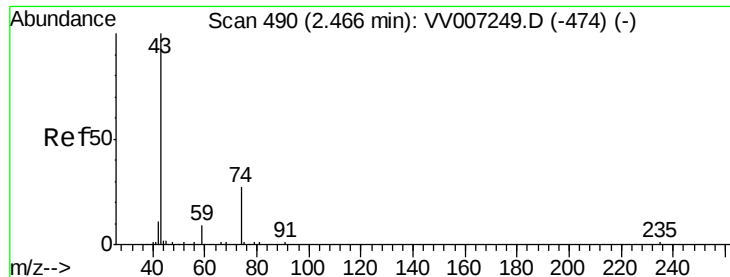
78 9.0 7.2 10.8



Abundance Ion 76.05 (75.75 to 76.75): VV007249.D (-432) (-)

Ion 78.00 (77.70 to 78.70): VV007249.D (-432) (-)





#15

Methvl Acetate

Concen: 23.887 ug/L

RT: 2.21 min Scan# 411

Delta R.T. -0.25 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

Instrument :

MSVOA_V

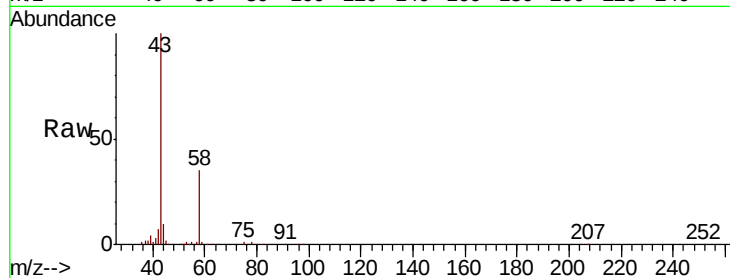
ClientSampleId :

Tot Ion: 43 Resp: 137565

Ion Ratio Lower Upper

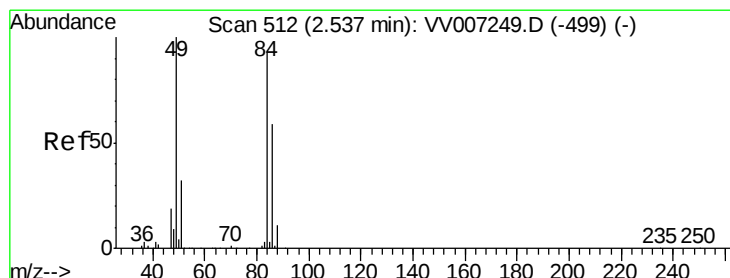
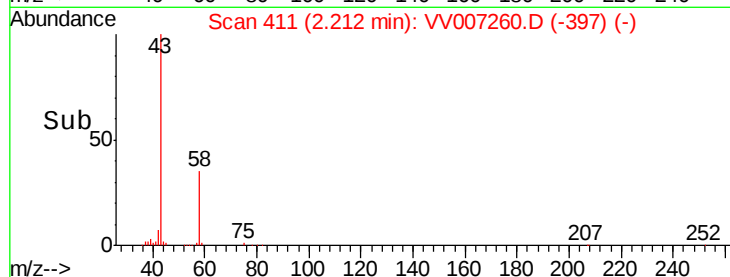
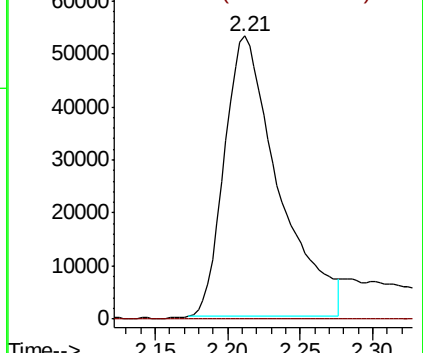
43 100

74 0.0 22.2 33.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#16

Methylene chloride

Concen: 2.484 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

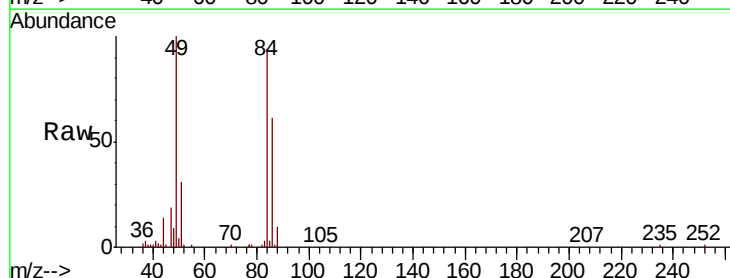
Tgt Ion: 84 Resp: 44521

Ion Ratio Lower Upper

84 100

86 65.1 46.3 85.9

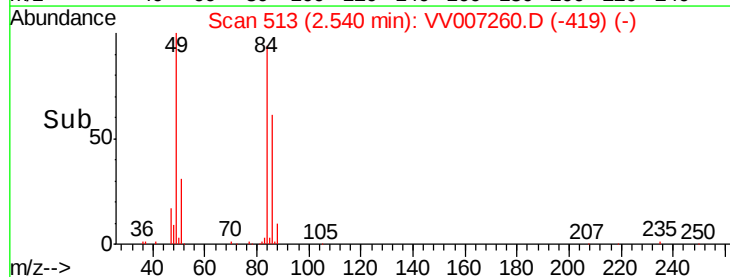
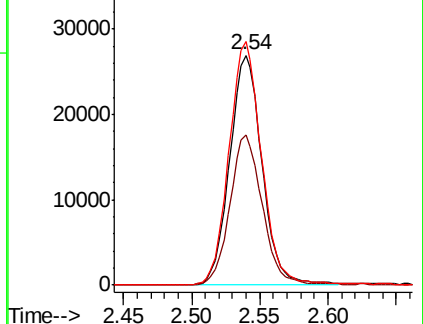
49 105.9 75.2 139.6

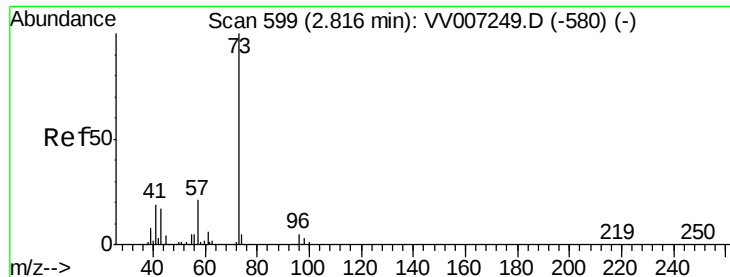


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

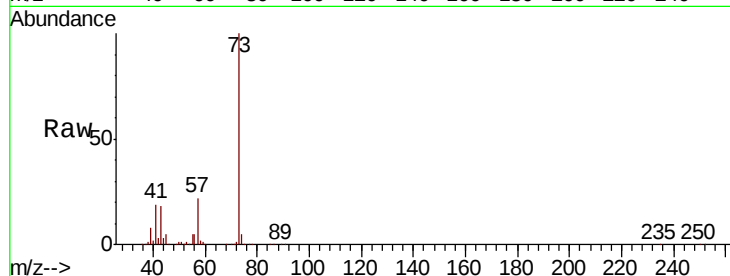




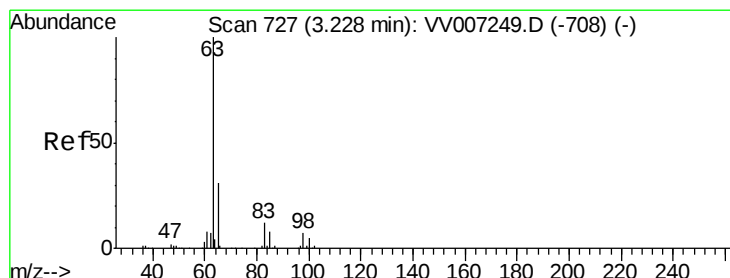
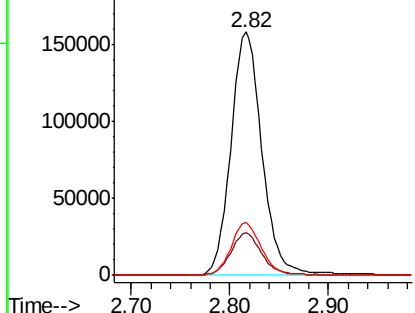
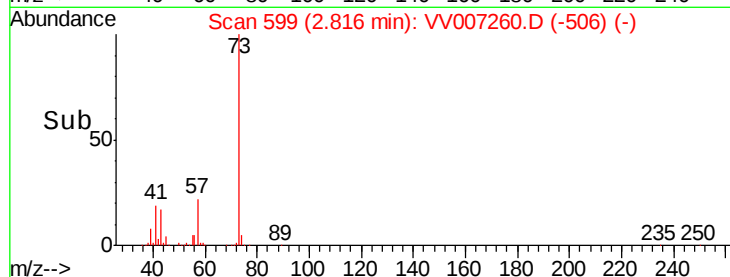
#17
Methvl tert-butvl Ether
Concen: 9.106 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV007260.D
Acq: 29 Aug 2018 16:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 346673
Ion Ratio Lower Upper
73 100
43 17.1 13.8 20.6
57 21.1 16.9 25.3

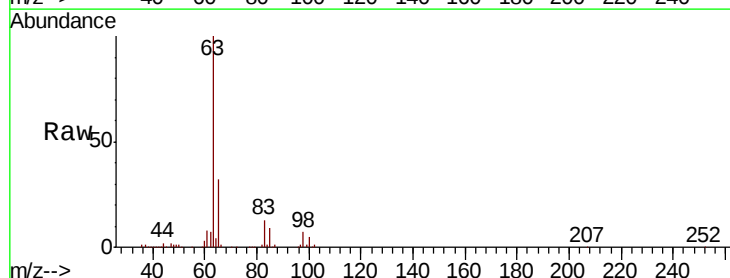


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

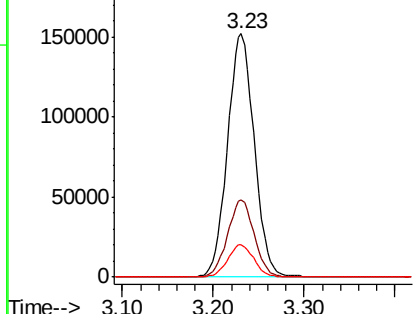
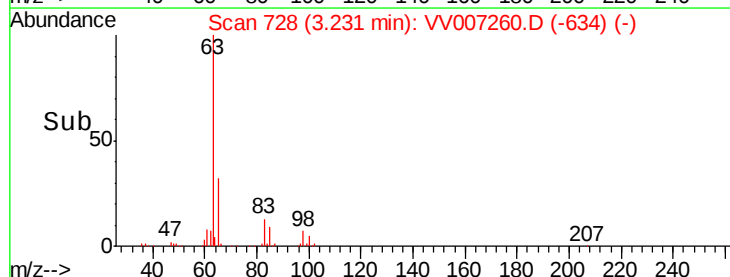


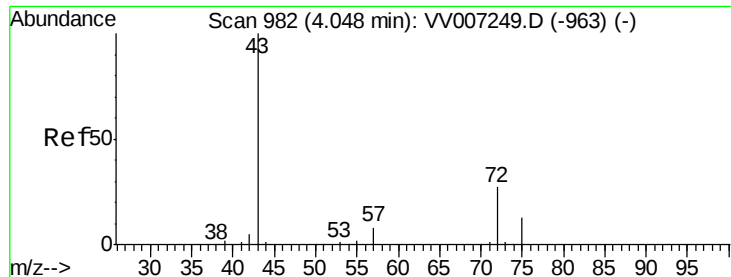
#19
1,1-Dichloroethane
Concen: 9.278 ug/L
RT: 3.23 min Scan# 728
Delta R.T. 0.00 min
Lab File: VV007260.D
Acq: 29 Aug 2018 16:44

Tgt Ion: 63 Resp: 311093
Ion Ratio Lower Upper
63 100
65 32.0 21.8 40.4
83 13.3 9.4 17.4



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0





#21

2-Butanone

Concen: 103.379 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

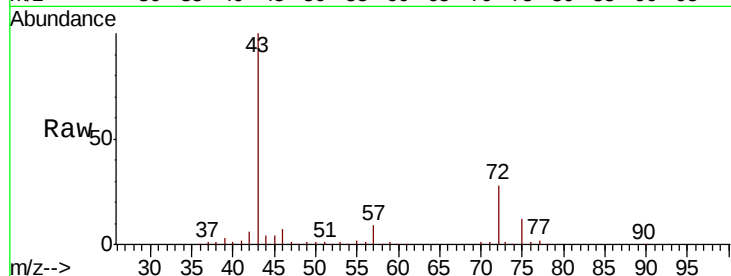
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 466818

Ion Ratio Lower Upper

43 100

72 32.2 12.4 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV007249.D (-963) (-)

Ion 72.10 (71.80 to 72.80): VV007249.D (-963) (-)

150000

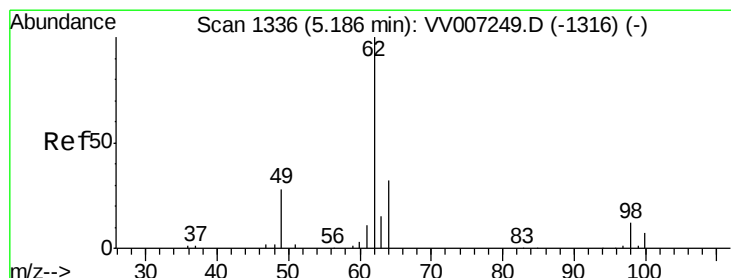
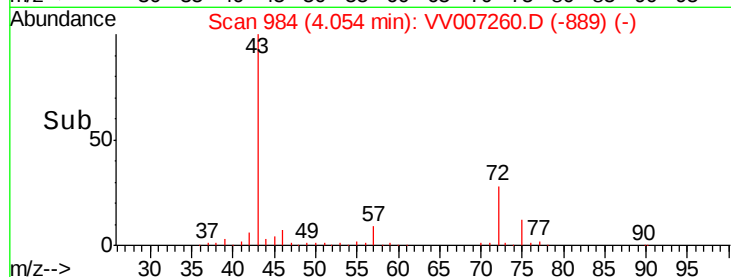
100000

50000

0

4.00 4.10

Time-->



#27

1,2-Dichloroethane

Concen: 7.725 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VV007260.D

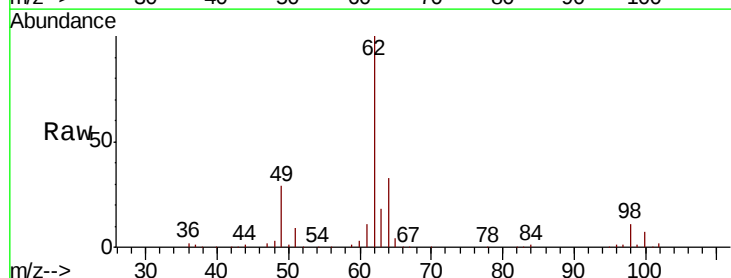
Acq: 29 Aug 2018 16:44

Tgt Ion: 62 Resp: 152488

Ion Ratio Lower Upper

62 100

98 11.1 8.1 12.1



Abundance Ion 62.00 (61.70 to 62.70): VV007249.D (-1316) (-)

Ion 98.05 (97.75 to 98.75): VV007249.D (-1316) (-)

80000

60000

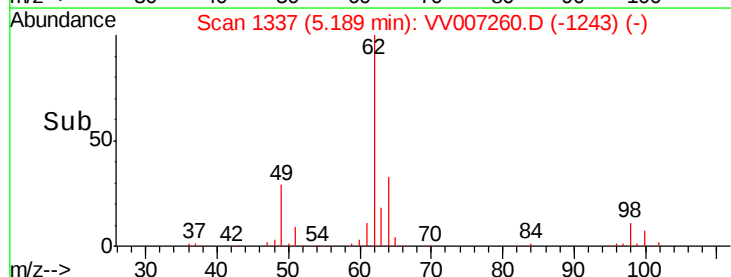
40000

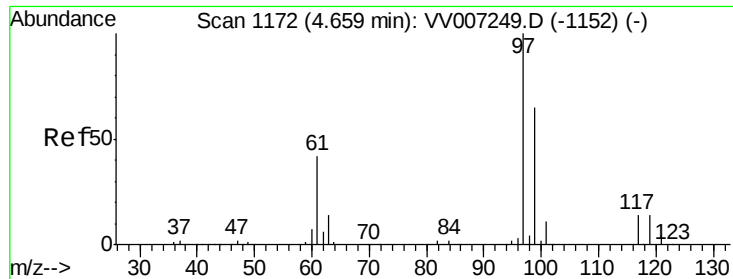
20000

0

5.10 5.20 5.30

Time-->

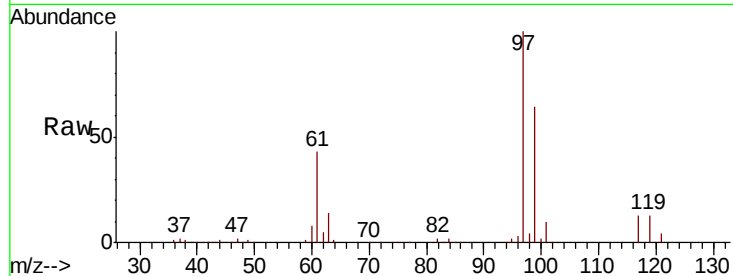




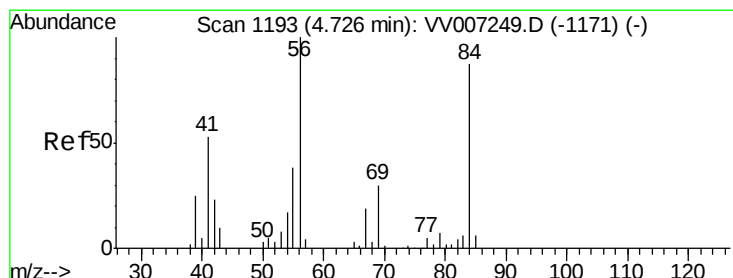
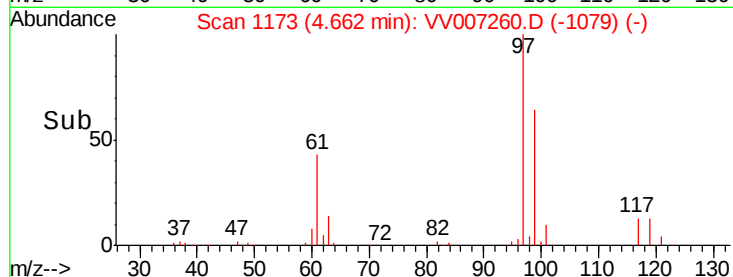
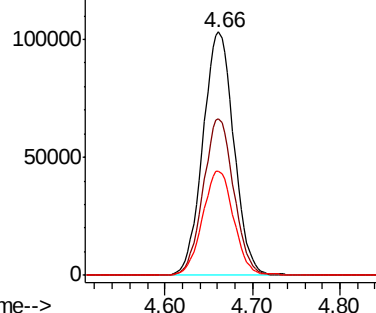
#29
 1,1,1-Trichloroethane
 Concen: 8.945 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV007260.D
 Acq: 29 Aug 2018 16:44

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 97 Resp: 253490
 Ion Ratio Lower Upper
 97 100
 99 63.7 50.8 76.2
 61 43.3 34.6 51.8

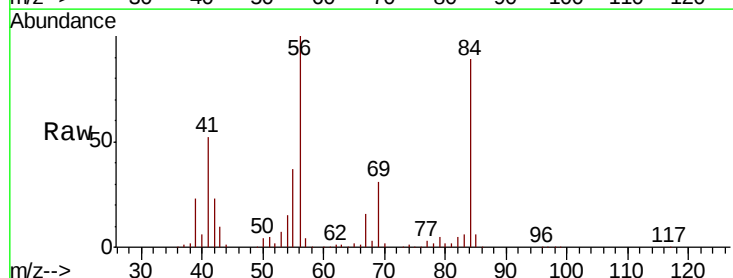


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

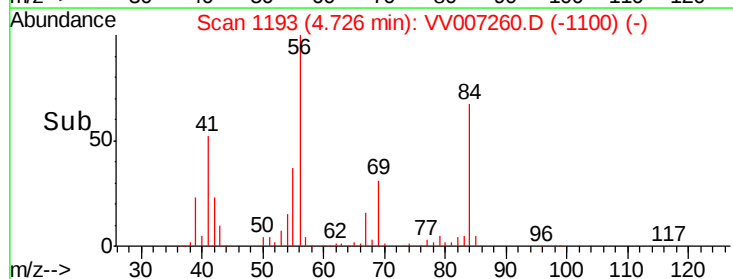
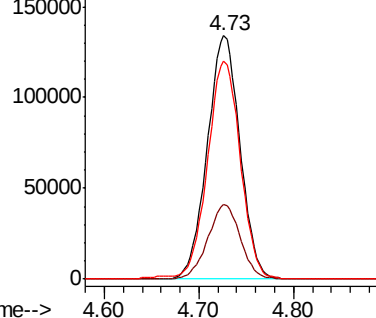


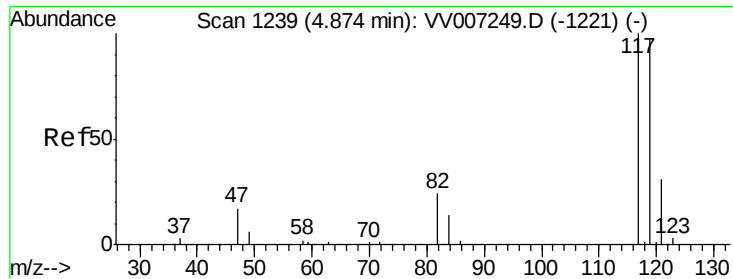
#30
 Cyclohexane
 Concen: 12.906 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: VV007260.D
 Acq: 29 Aug 2018 16:44

Tgt Ion: 56 Resp: 321853
 Ion Ratio Lower Upper
 56 100
 69 30.6 24.8 37.2
 84 89.6 72.9 109.3



Abundance Ion 56.10 (55.80 to 56.80): VV0
 Ion 69.15 (68.85 to 69.85): VV0
 Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 1.389 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.21 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

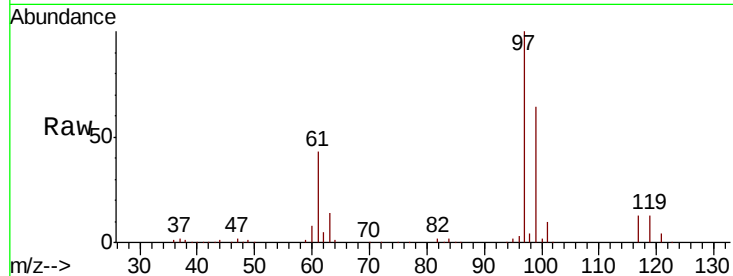
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:117 Resp: 33337

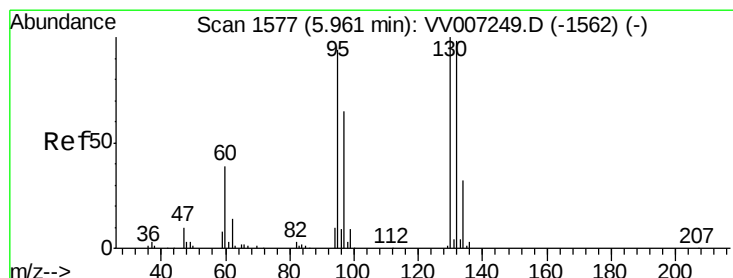
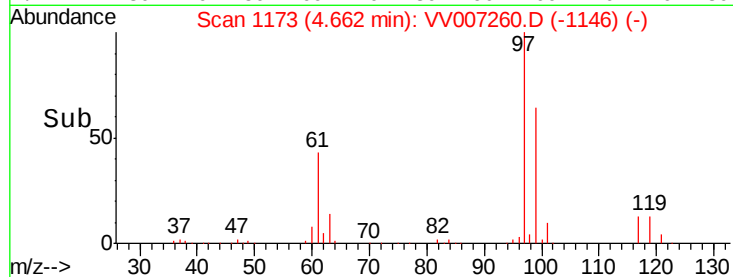
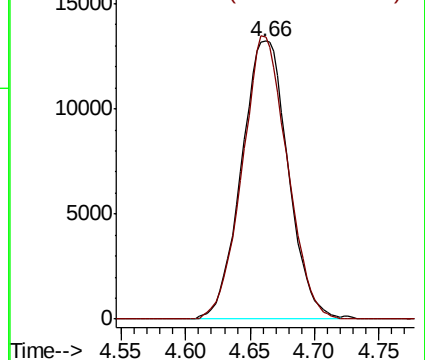
Ion Ratio Lower Upper

117 100

119 98.0 77.2 115.8



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 5.327 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

Tgt Ion: 95 Resp: 96800

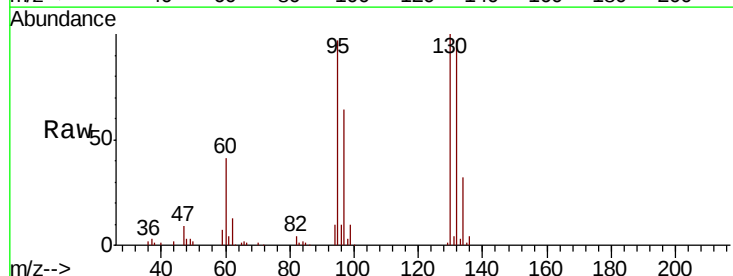
Ion Ratio Lower Upper

95 100

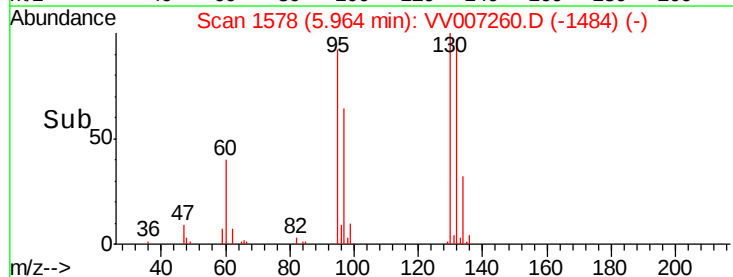
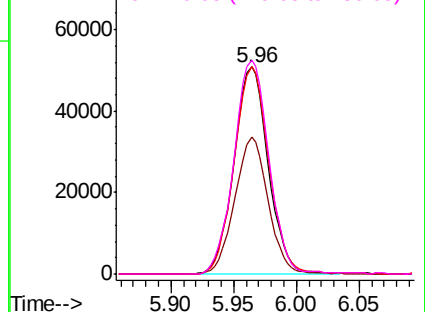
97 66.0 44.2 82.2

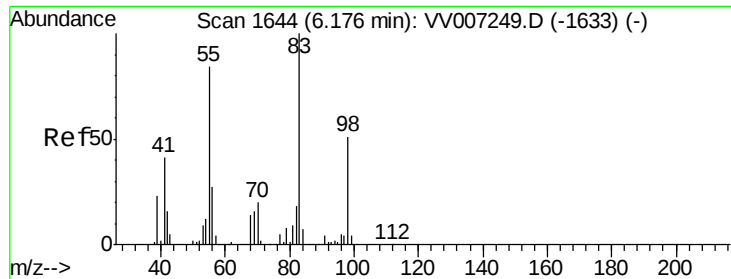
132 100.1 71.3 132.3

130 103.2 72.8 135.2



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 96.95 (96.65 to 97.65): VV0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V

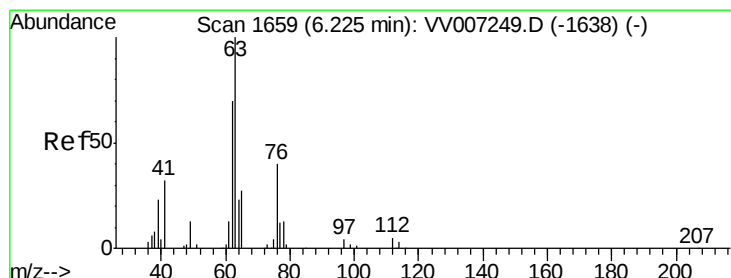
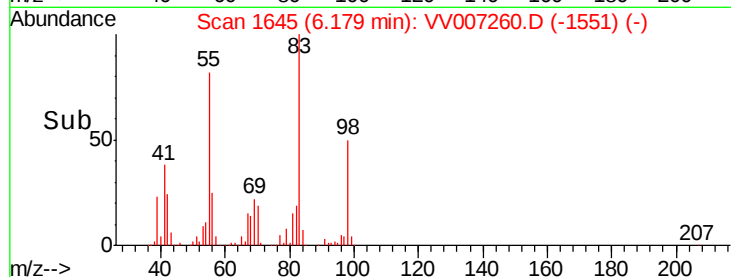
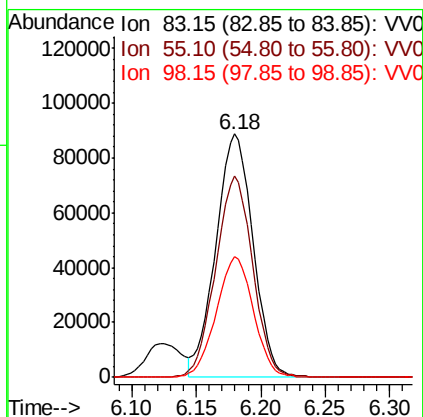
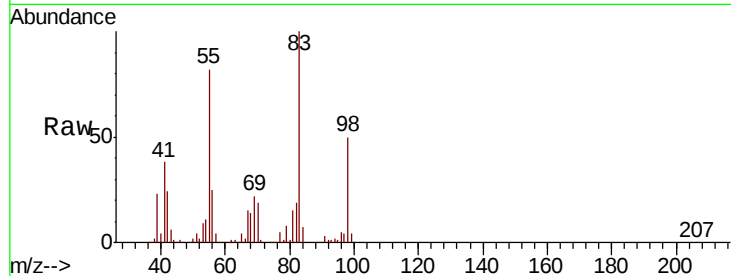




#35
Methvlcvclohexane
Concen: 6.713 ug/L
RT: 6.18 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VV007260.D
Acq: 29 Aug 2018 16:44

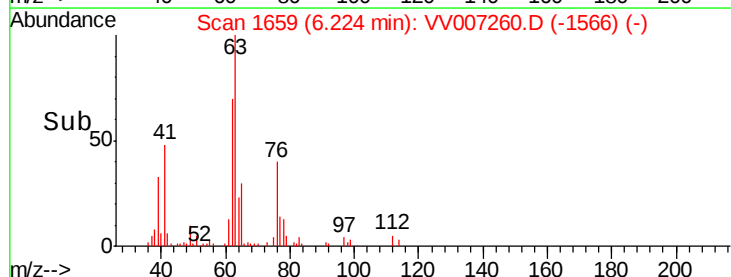
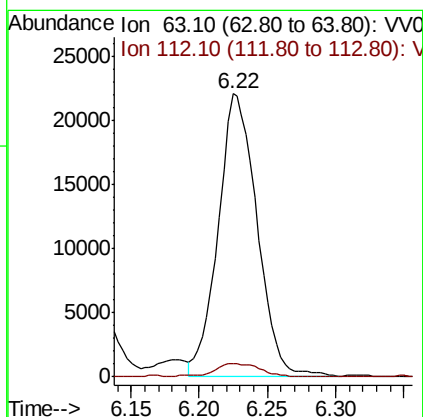
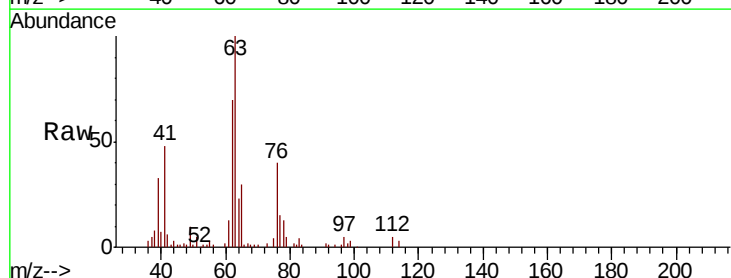
Instrument :
MSVOA_V
ClientSampled :

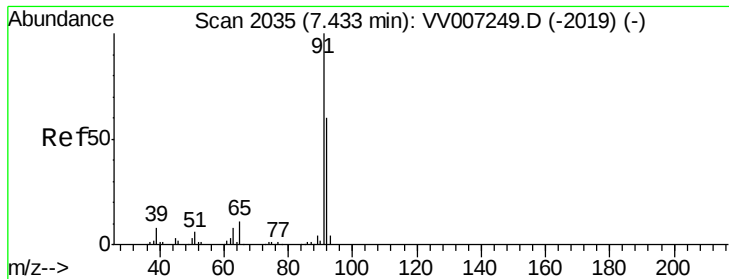
Tot Ion: 83 Resp: 178393
Ion Ratio Lower Upper
83 100
55 81.8 64.0 96.0
98 49.5 38.8 58.2



#37
1,2-Dichloropropane
Concen: 2.293 ug/L
RT: 6.22 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VV007260.D
Acq: 29 Aug 2018 16:44

Tgt Ion: 63 Resp: 43845
Ion Ratio Lower Upper
63 100
112 5.6 3.9 5.9





#42

Toluene

Concen: 9.069 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

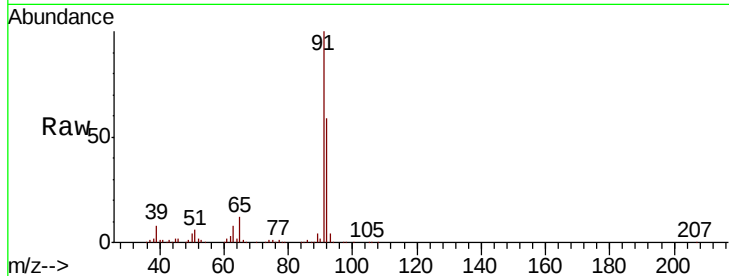
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 641508

Ion Ratio Lower Upper

91 100

92 59.3 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV007249.D (-2019) (-)

Ion 92.15 (91.85 to 92.85): VV007249.D (-2019) (-)

7.44

400000

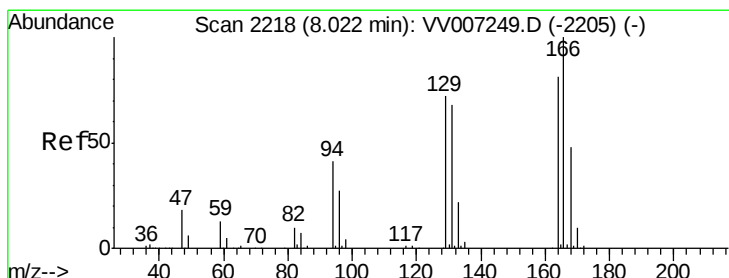
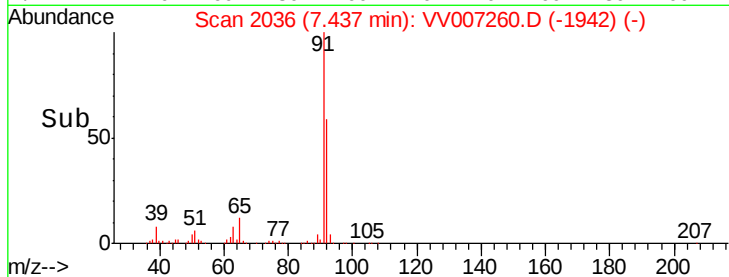
300000

200000

100000

0

Time-->



#47

Tetrachloroethene

Concen: 9.063 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

Tgt Ion: 164 Resp: 136103

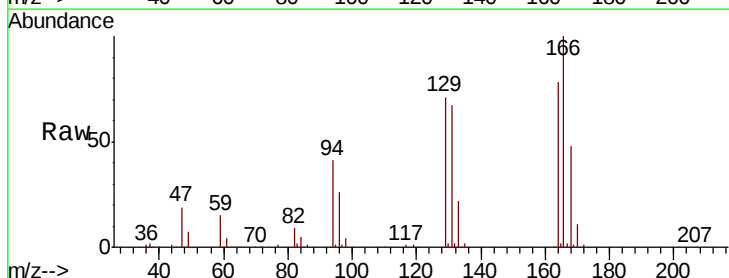
Ion Ratio Lower Upper

164 100

129 91.0 62.7 116.5

131 86.1 60.1 111.7

166 127.8 86.4 160.4



Abundance Ion 163.90 (163.60 to 164.60): VV007249.D (-2205) (-)

Ion 128.95 (128.65 to 129.65): VV007249.D (-2205) (-)

Ion 130.95 (130.65 to 131.65): VV007249.D (-2205) (-)

Ion 165.90 (165.60 to 166.60): VV007249.D (-2205) (-)

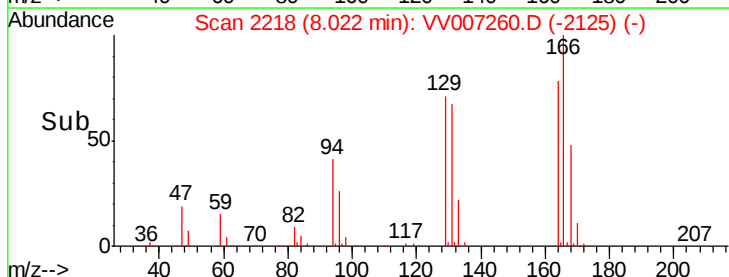
150000

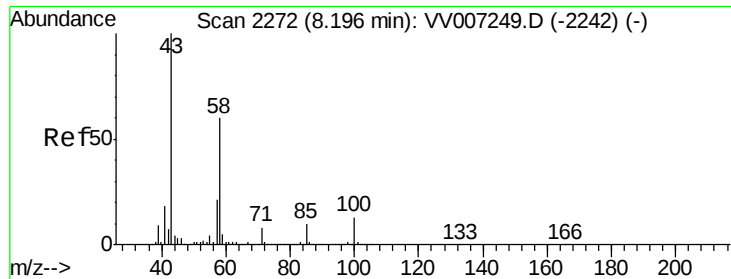
100000

50000

0

Time-->

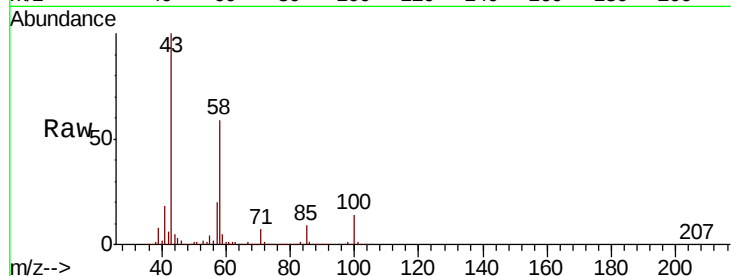




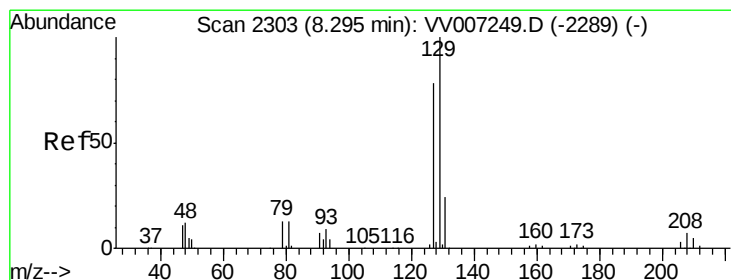
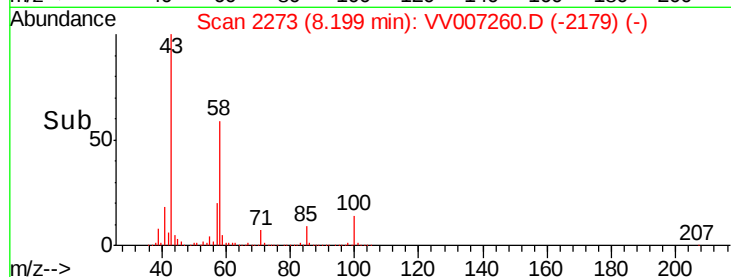
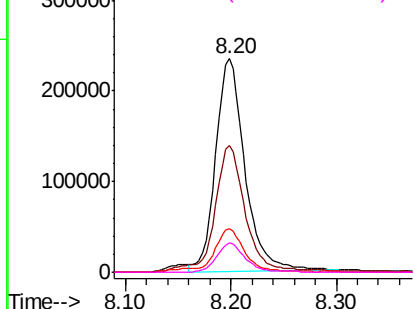
#48
2-Hexanone
Concen: 60.229 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV007260.D
Acq: 29 Aug 2018 16:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 450100
Ion Ratio Lower Upper
43 100
58 63.2 50.0 75.0
57 22.3 16.6 25.0
100 13.2 10.2 15.4

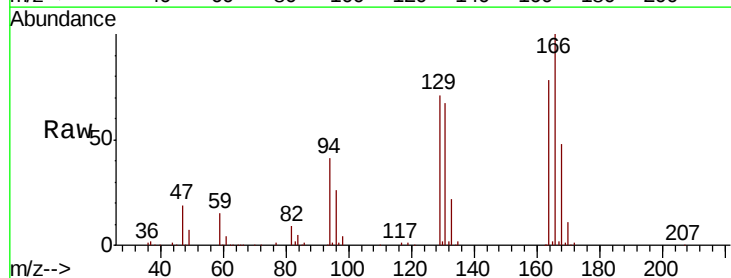


Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

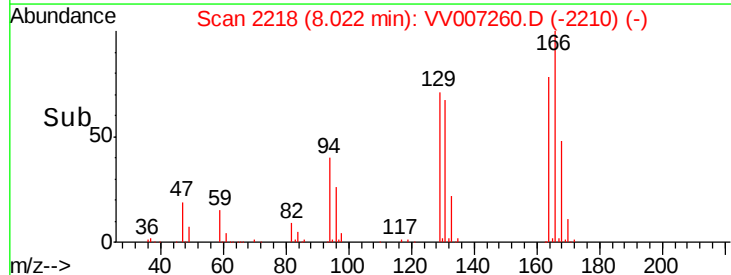
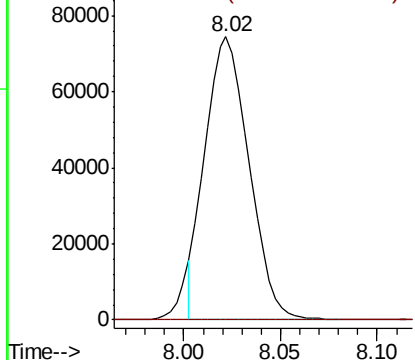


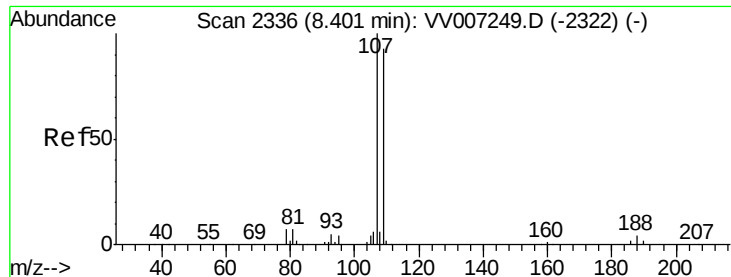
#49
Dibromochloromethane
Concen: 7.490 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.27 min
Lab File: VV007260.D
Acq: 29 Aug 2018 16:44

Tgt Ion: 129 Resp: 116188
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





#50

1,2-Dibromoethane

Concen: 17.232 ug/L

RT: 8.40 min Scan# 2336

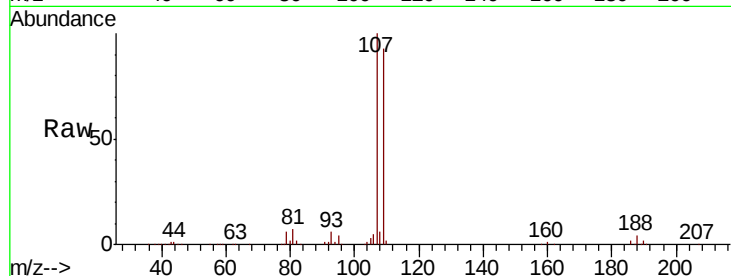
Delta R.T. -0.00 min

Lab File: VV007260.D

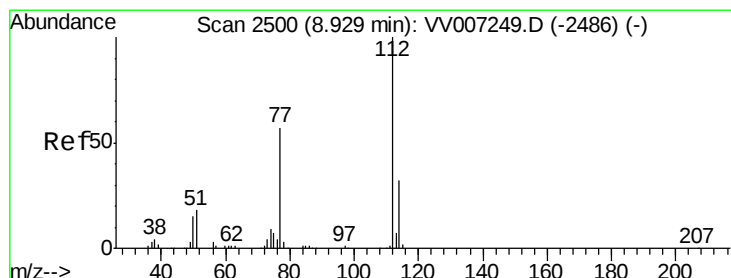
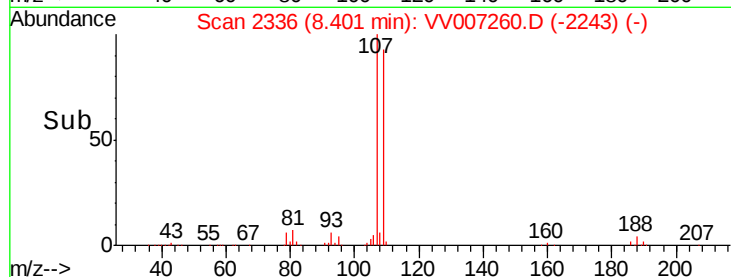
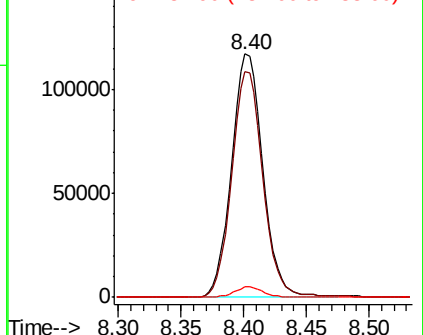
Acq: 29 Aug 2018 16:44

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	107	Resp:	203042
Ion	Ratio	Lower	Upper
107	100		
109	92.7	65.9	122.3
188	4.1	3.5	5.3



Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V



#51

Chlorobenzene

Concen: 11.265 ug/L

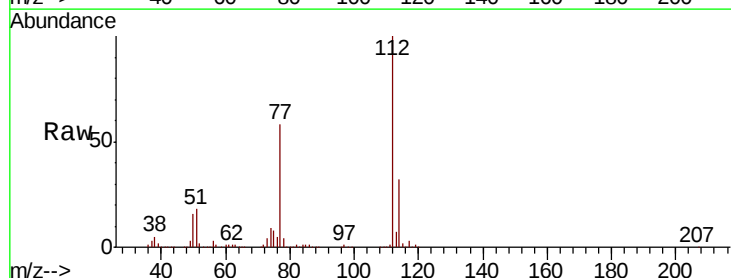
RT: 8.93 min Scan# 2500

Delta R.T. -0.00 min

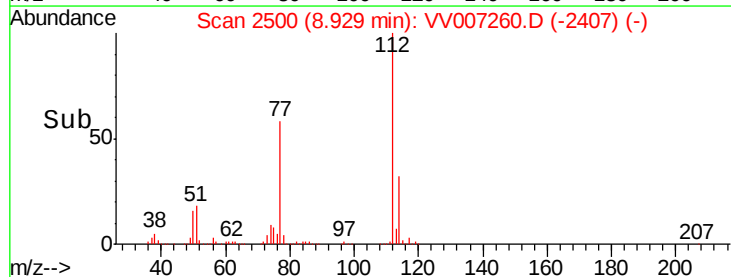
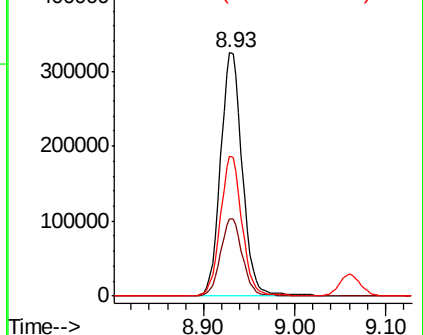
Lab File: VV007260.D

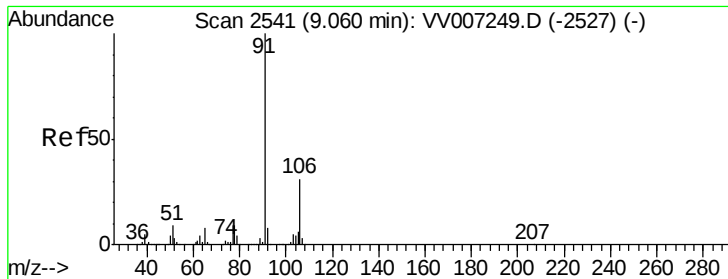
Acq: 29 Aug 2018 16:44

Tgt Ion:	112	Resp:	541711
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.0	41.0
77	57.6	45.9	68.9



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V





#52

Ethylbenzene

Concen: 7.126 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

Instrument :

MSVOA_V

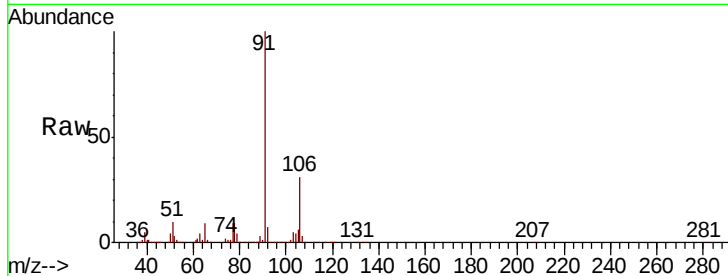
ClientSampled :

Tot Ion: 91 Resp: 506292

Ion Ratio Lower Upper

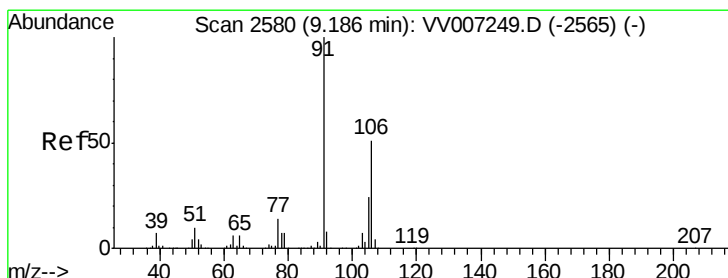
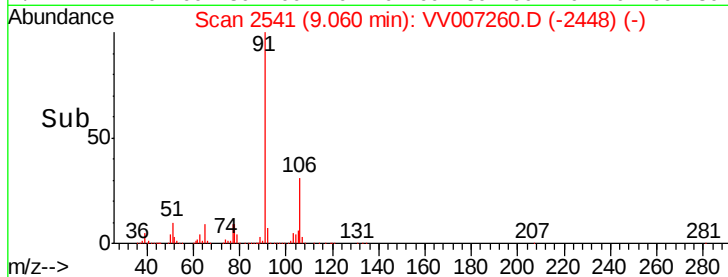
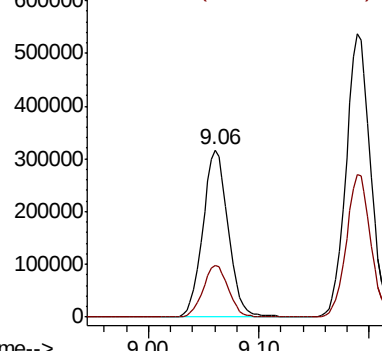
91 100

106 31.2 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: 15.493 ug/L

RT: 9.19 min Scan# 2581

Delta R.T. 0.00 min

Lab File: VV007260.D

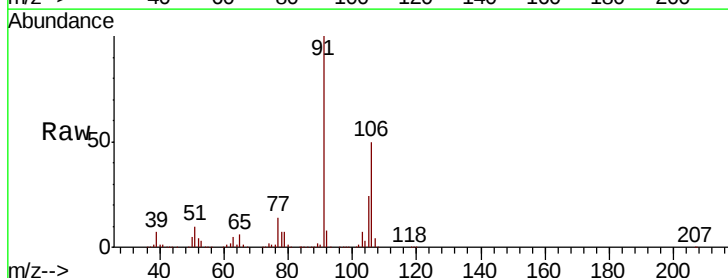
Acq: 29 Aug 2018 16:44

Tgt Ion: 106 Resp: 419187

Ion Ratio Lower Upper

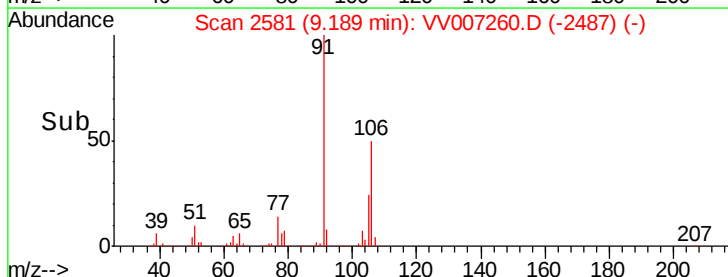
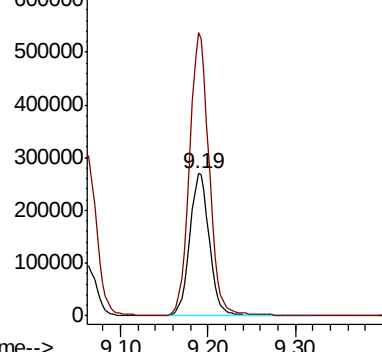
106 100

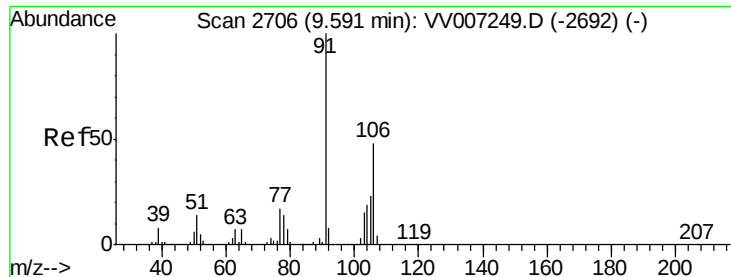
91 198.8 138.4 257.0



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#54

o-xylene

Concen: 5.995 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

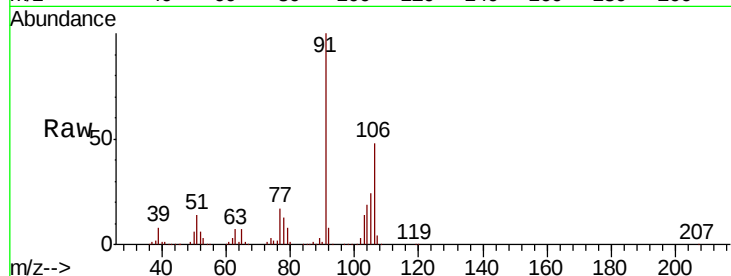
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 150962

Ion Ratio Lower Upper

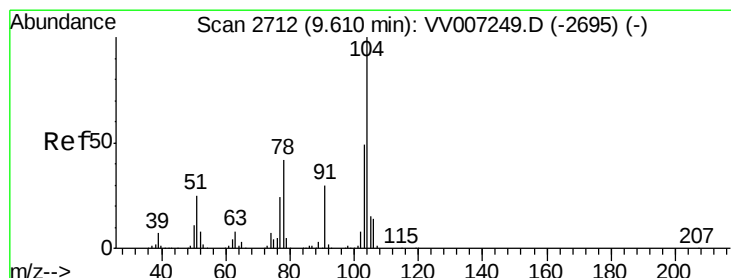
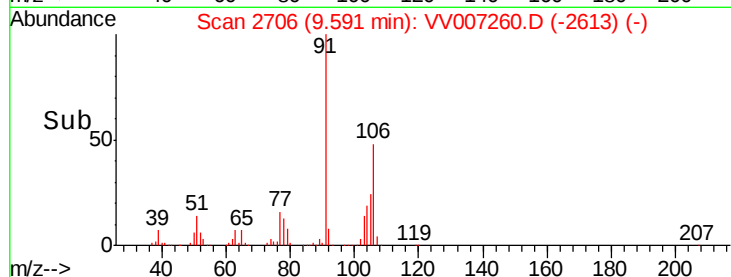
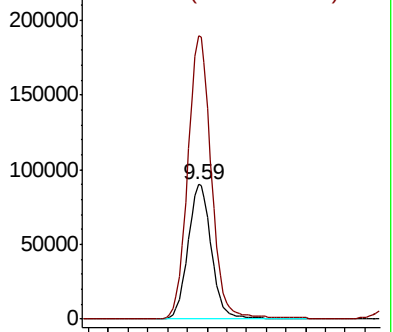
106 100

91 210.2 146.9 272.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 6.063 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. -0.00 min

Lab File: VV007260.D

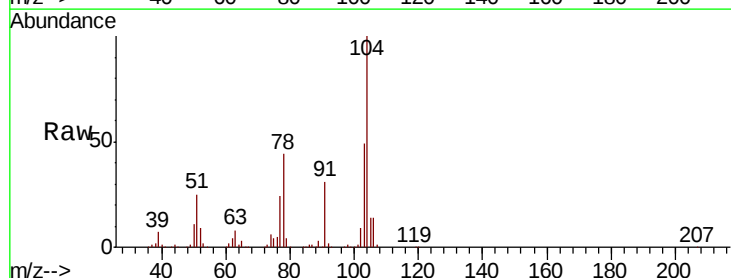
Acq: 29 Aug 2018 16:44

Tgt Ion:104 Resp: 267643

Ion Ratio Lower Upper

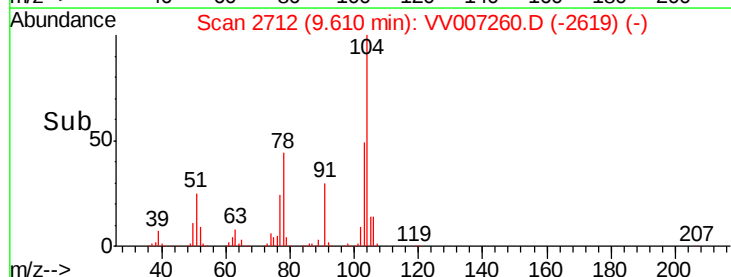
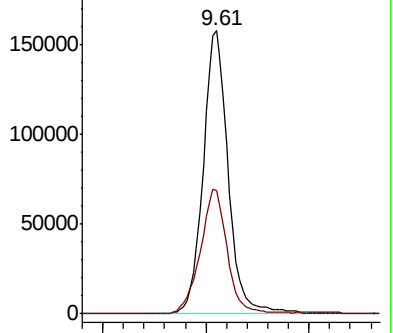
104 100

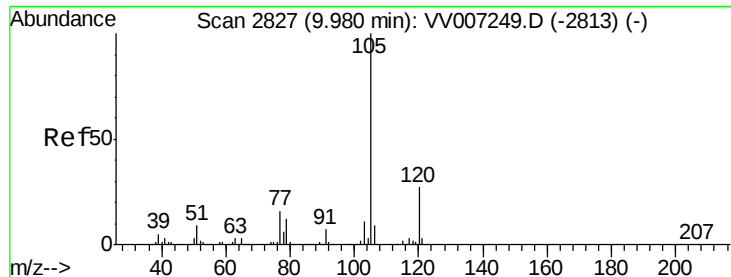
78 43.7 30.2 56.2



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 3.465 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

Instrument :

MSVOA_V

ClientSampleId :

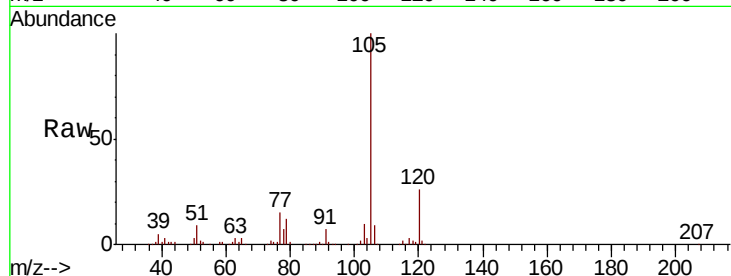
Tot Ion:105 Resp: 232046

Ion Ratio Lower Upper

105 100

120 26.9 21.0 31.4

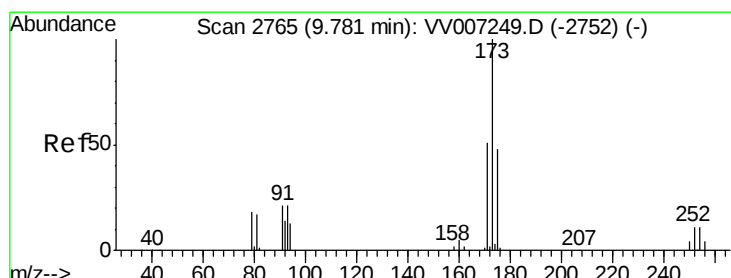
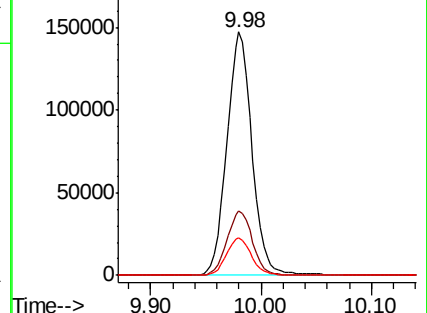
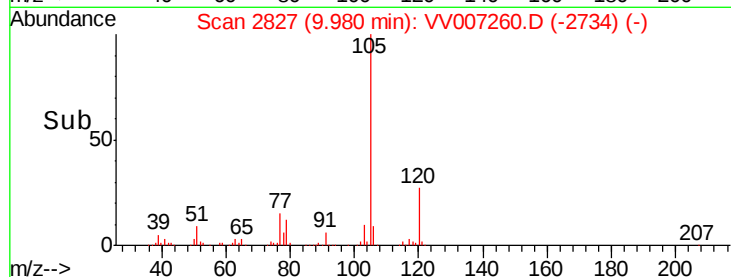
77 15.4 12.1 18.1



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#61

Bromoform

Concen: 5.387 ug/L

RT: 9.78 min Scan# 2765

Delta R.T. -0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

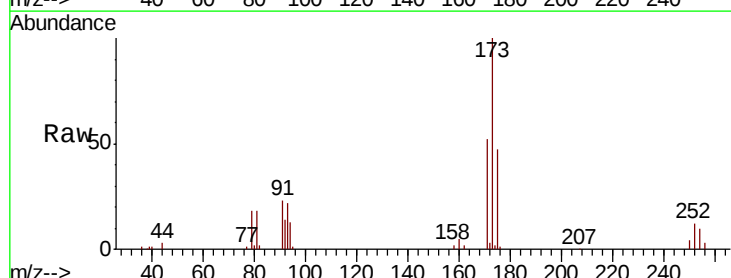
Tgt Ion:173 Resp: 43303

Ion Ratio Lower Upper

173 100

175 48.6 39.3 58.9

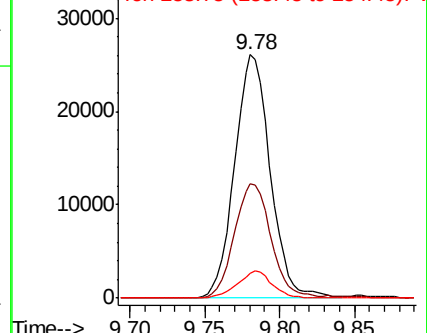
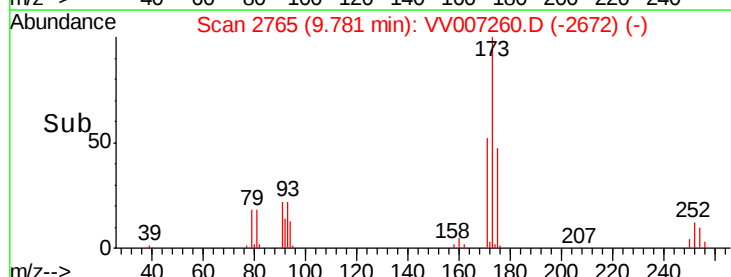
254 10.7 8.7 13.1

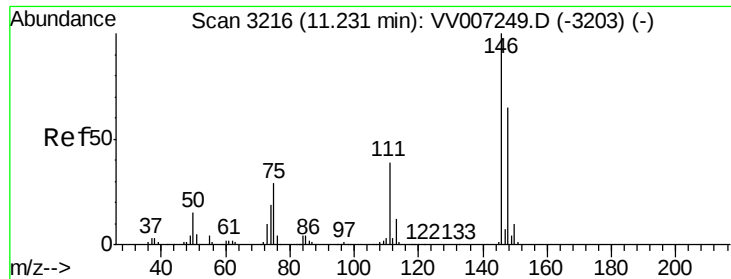


Abundance Ion 172.90 (172.60 to 173.60): V

Ion 174.90 (174.60 to 175.60): V

Ion 253.75 (253.45 to 254.45): V





#62

1,3-Dichlorobenzene

Concen: 4.664 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. 0.09 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

Instrument :

MSVOA_V

ClientSampled :

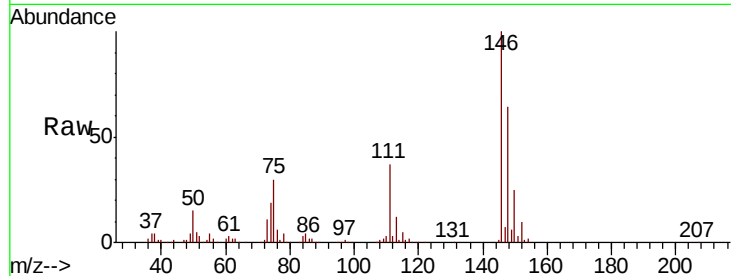
Tot Ion:146 Resp: 149818

Ion Ratio Lower Upper

146 100

111 37.2 27.2 50.4

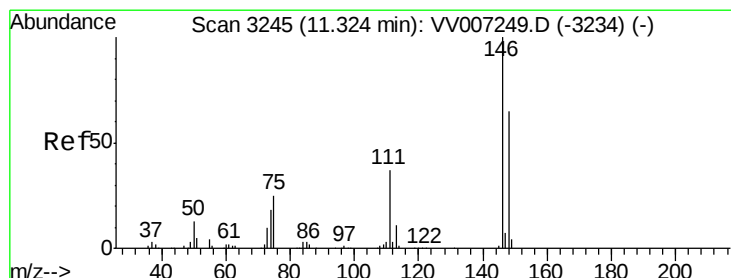
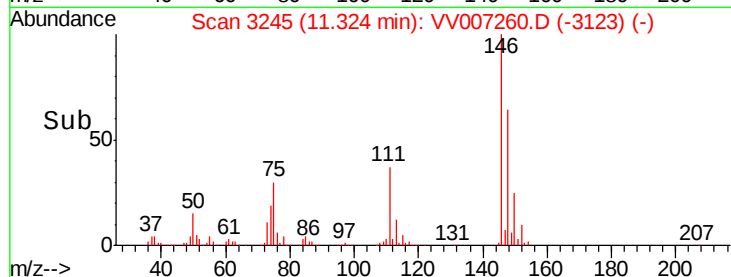
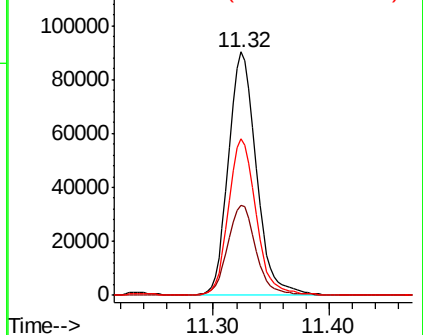
148 64.4 45.0 83.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 4.413 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

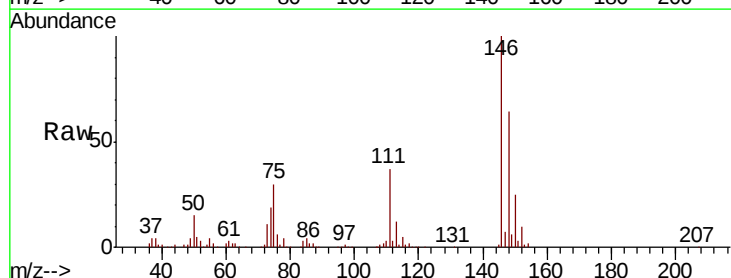
Tgt Ion:146 Resp: 149818

Ion Ratio Lower Upper

146 100

111 37.2 25.4 47.2

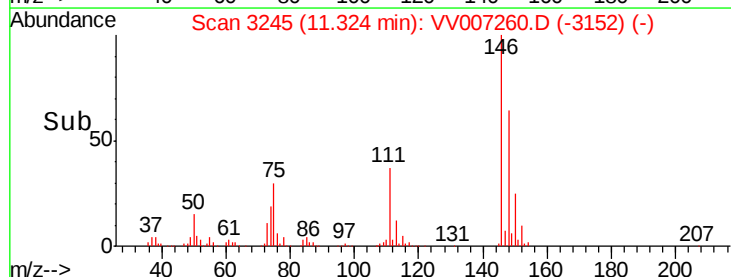
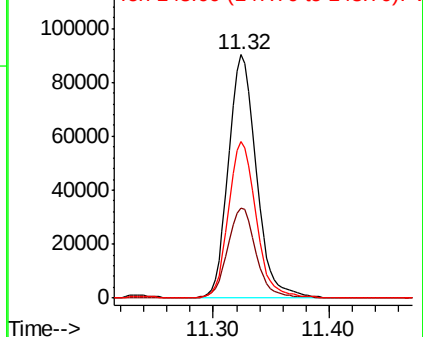
148 64.4 44.3 82.3

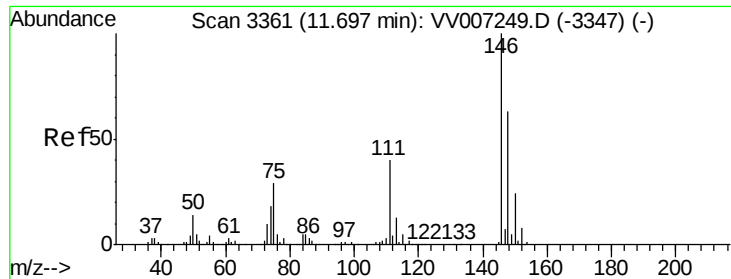


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 13.329 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

Instrument :

MSVOA_V

ClientSampleId :

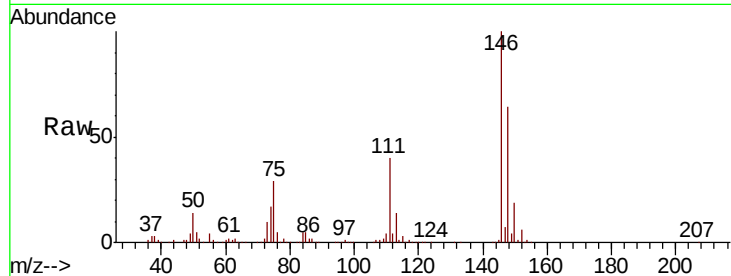
Tot Ion:146 Resp: 427940

Ion Ratio Lower Upper

146 100

111 40.2 33.0 49.6

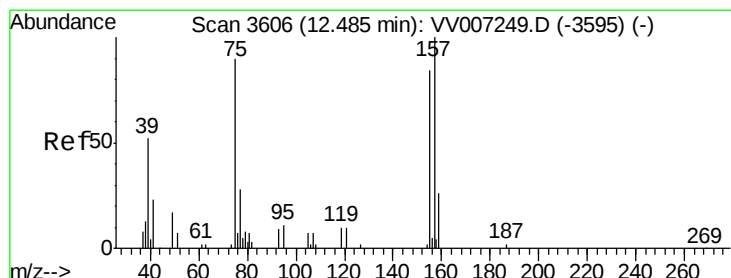
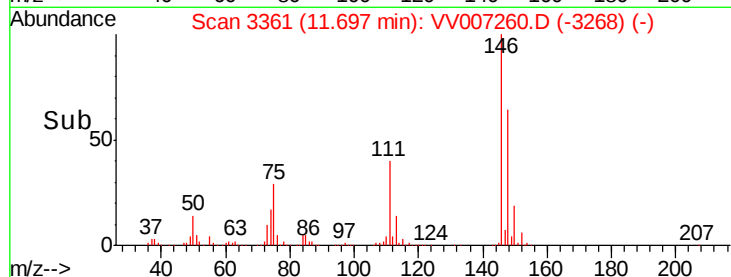
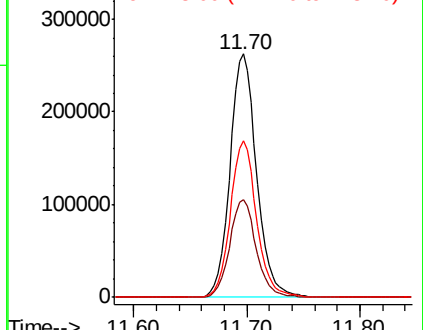
148 64.1 51.6 77.4



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.300 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VV007260.D

Acq: 29 Aug 2018 16:44

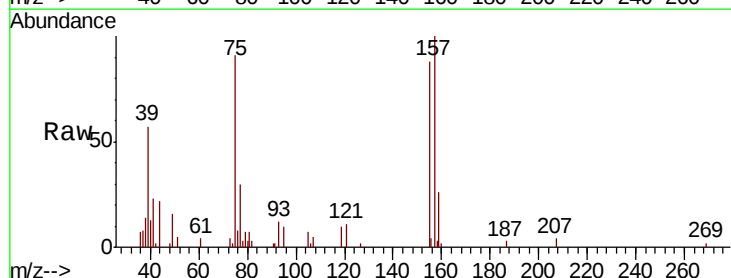
Tgt Ion: 75 Resp: 8086

Ion Ratio Lower Upper

75 100

155 96.6 70.4 105.6

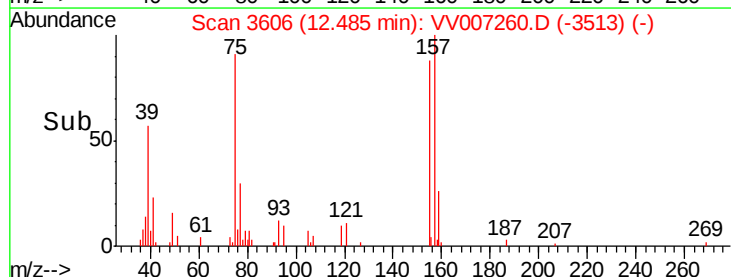
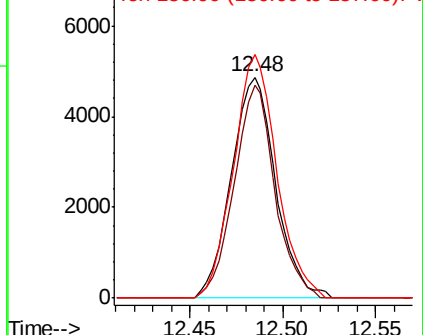
157 110.1 94.2 141.2

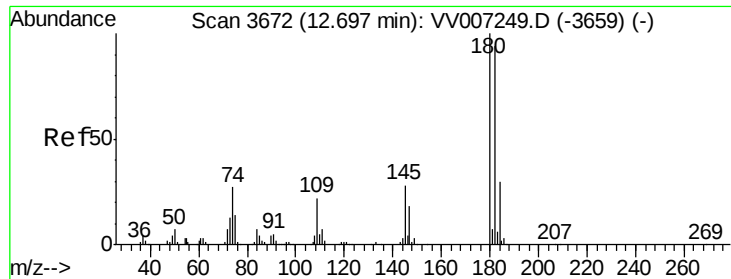


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

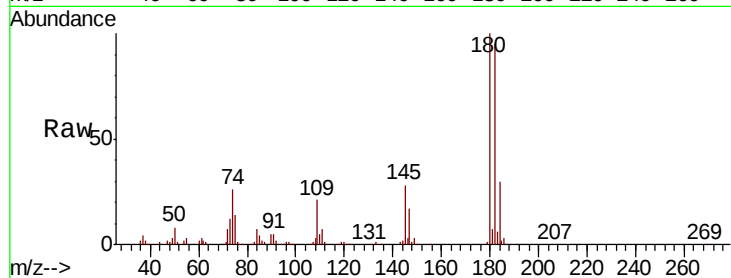




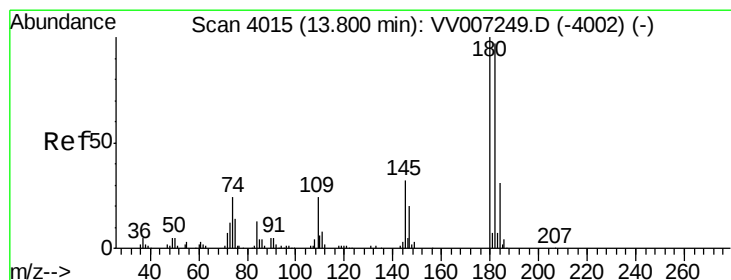
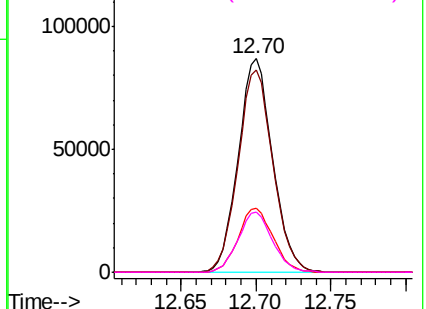
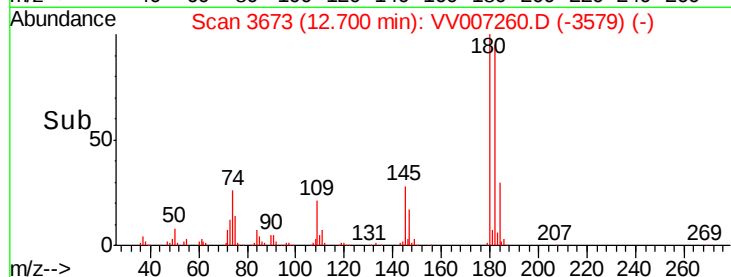
#67
 1,3,5-Trichlorobenzene
 Concen: 5.895 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. 0.00 min
 Lab File: VV007260.D
 Acq: 29 Aug 2018 16:44

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion:180	Resp:	138599
Ion Ratio	Lower	Upper
180	100	
182	96.1	77.0 115.6
184	30.3	23.4 35.2
145	28.2	22.6 33.8

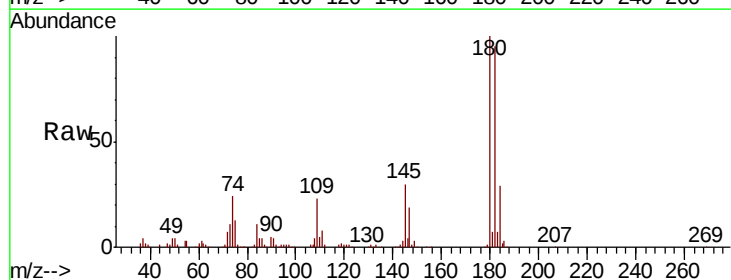


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V



#70
 1,2,3-Trichlorobenzene
 Concen: 11.248 ug/L
 RT: 13.80 min Scan# 4016
 Delta R.T. 0.00 min
 Lab File: VV007260.D
 Acq: 29 Aug 2018 16:44

Tgt Ion:180	Resp:	174692
Ion Ratio	Lower	Upper
180	100	
182	95.2	77.0 115.4
145	30.2	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

