

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022619\
 Data File : VV009368.D
 Acq On : 26 Feb 2019 15:22
 Operator : SY/MD
 Sample : K1579-01
 Misc : 5.00G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB5Z1

Quant Time: Feb 27 05:37:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 27 04:43:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	190506	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	179481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82601	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66269	27.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.60%
7) Chloroethane-d5	1.58	69	95828	30.75	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	123.00%
10) 1,1-Dichloroethene-d2	2.13	63	165786	26.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	104.64%
20) 2-Butanone-d5	3.95	46	40355	55.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.78%
24) Chloroform-d	4.40	84	124480	26.94	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.76%
26) 1,2-Dichloroethane-d4	5.08	65	72134	28.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.88%
29) Benzene-d6	5.10	84	257024	26.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.76%
33) 1,2-Dichloropropane-d6	6.12	67	78676	28.14	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	112.56%
37) Toluene-d8	7.36	98	250231	27.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	109.36%
38) trans-1,3-Dichloropropene-	7.66	79	38311	27.41	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	109.64%
39) 2-Hexanone-d5	8.14	63	31501	53.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.46%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74855	27.41	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.64%
61) 1,2-Dichlorobenzene-d4	11.67	152	86402	28.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	112.96%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	52811	20.632	ug/L	98
6) Bromomethane	1.53	94	25359	8.291	ug/L	97
9) Trichlorofluoromethane	1.76	101	94907	16.551	ug/L	98
12) 1,1-Dichloroethene	2.14	96	61526	22.489	ug/L	91
13) Acetone	2.21	43	56199	68.075	ug/L	96
15) Methyl Acetate	2.46	43	43247	39.646	ug/L	96
16) Methylene chloride	2.53	84	29943	11.604	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	193959	32.581	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	25971	10.922	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	69029	25.821	ug/L	97
23) Bromochloromethane	4.30	128	18874	15.732	ug/L	92
27) 1,2-Dichloroethane	5.18	62	32305	10.159	ug/L	97
30) Cyclohexane	4.72	56	43070	10.130	ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	42438	9.956	ug/L	97
32) Carbon tetrachloride	4.87	117	42339	11.646	ug/L	96
35) Trichloroethene	5.96	95	106484	38.441	ug/L	99
36) Methylcyclohexane	6.17	83	116249	24.035	ug/L	98

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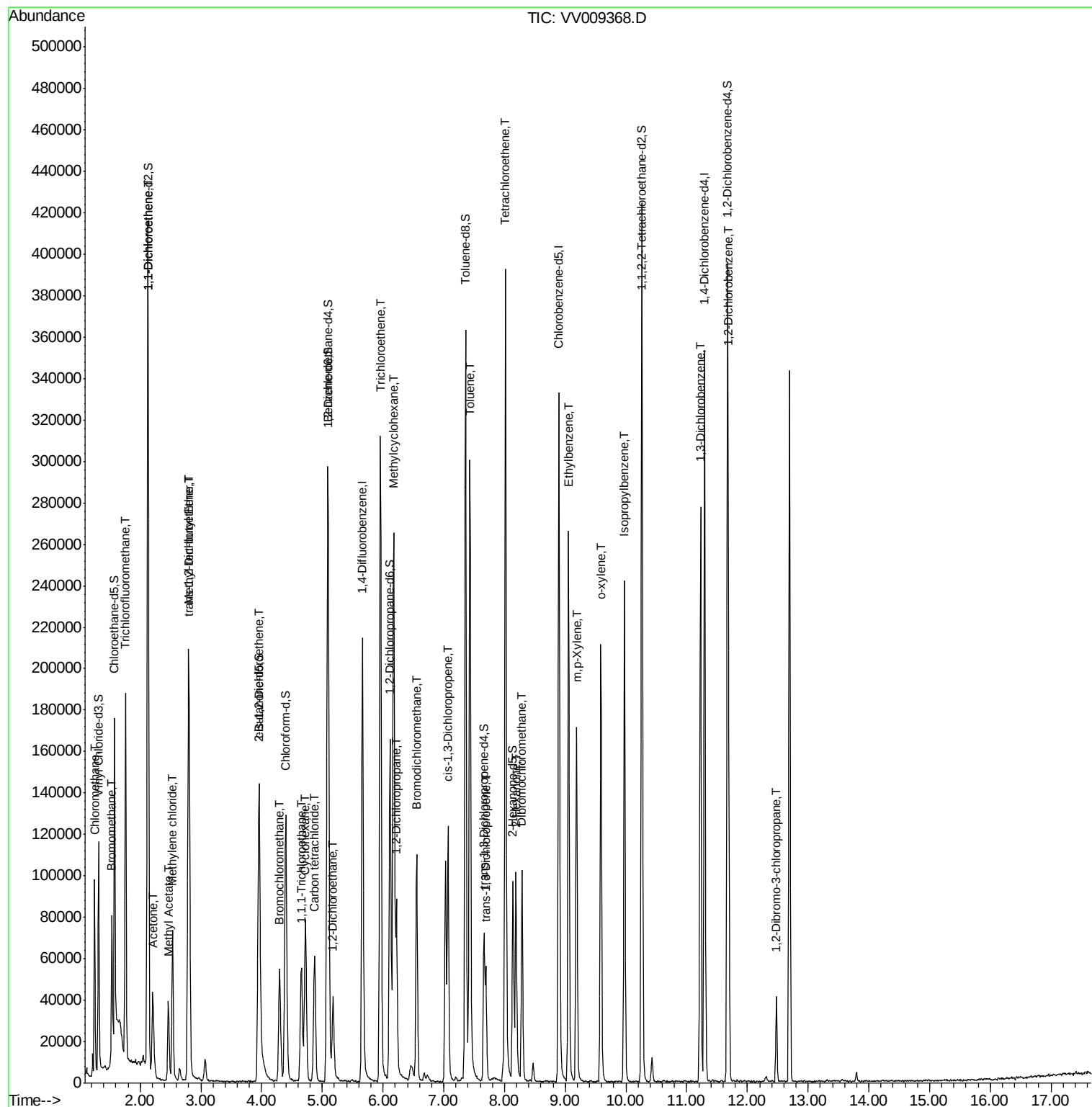
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	6.22	63	29993	12.065	ug/L	99
41) Bromodichloromethane	6.55	83	70248	19.870	ug/L	94
42) cis-1,3-Dichloropropene	7.07	75	69909	17.698	ug/L	97
44) Toluene	7.43	91	230155	20.564	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	29551	8.252	ug/L	99
47) Tetrachloroethene	8.02	164	79196	38.599	ug/L	94
49) 2-Hexanone	8.19	43	63240	42.613	ug/L	99
50) Dibromochloromethane	8.29	129	50026	19.476	ug/L	96
53) Ethylbenzene	9.05	91	189577	14.810	ug/L	98
54) m,p-Xylene	9.19	106	50582	10.144	ug/L	94
55) o-xylene	9.59	106	58132	12.296	ug/L	95
57) Isopropylbenzene	9.98	105	156054	12.082	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	106861	20.154	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	51815	10.401	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	9649	19.616	ug/L	94

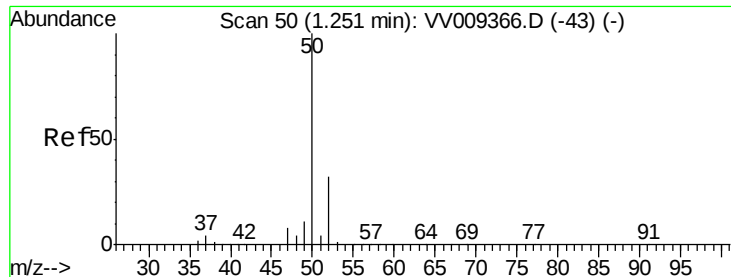
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV022619\
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#3

Chloromethane

Concen: 20.632 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

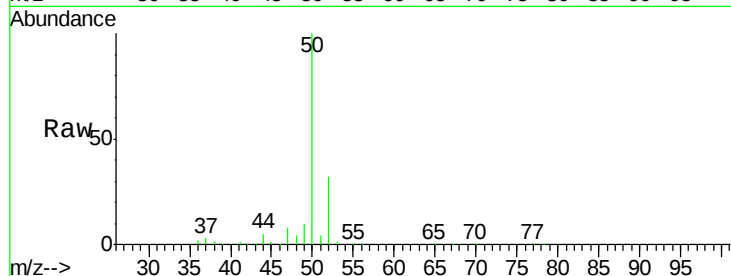
DB5Z1

Tot Ion: 50 Resp: 52811

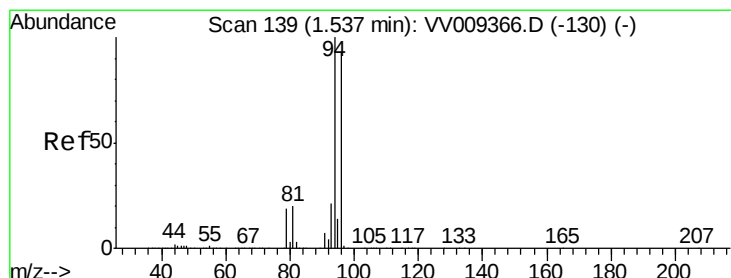
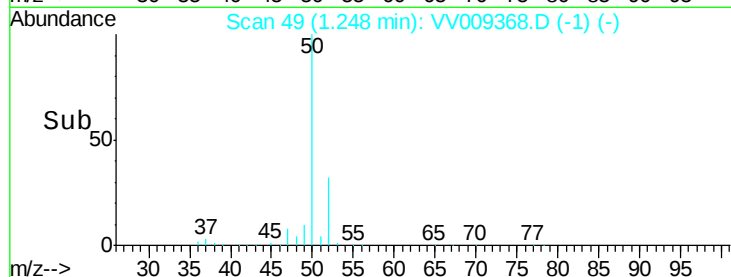
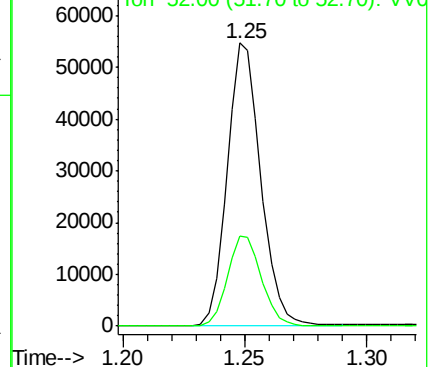
Ion Ratio Lower Upper

50 100

52 31.7 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VV009368.D (-43) (-)



#6

Bromomethane

Concen: 8.291 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV009368.D

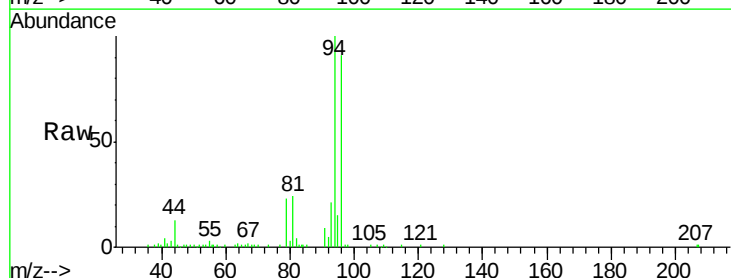
Acq: 26 Feb 2019 15:22

Tgt Ion: 94 Resp: 25359

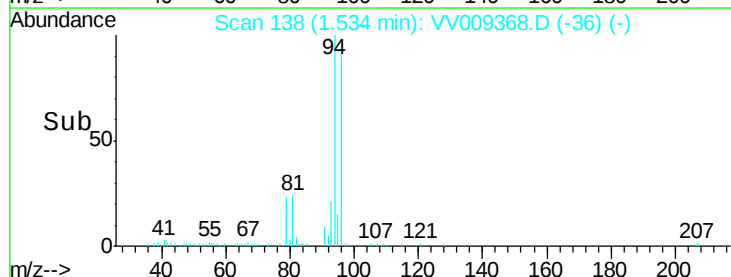
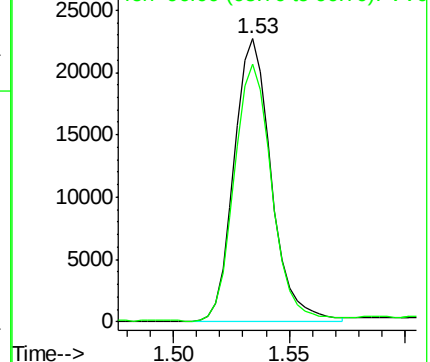
Ion Ratio Lower Upper

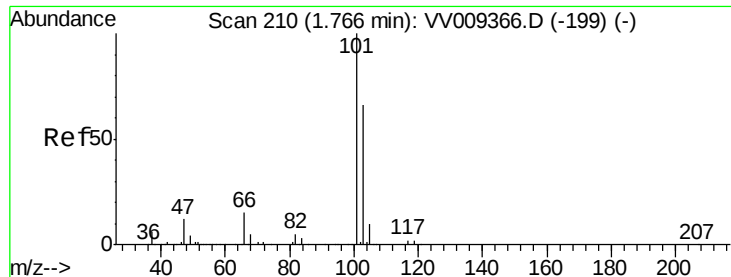
94 100

96 92.5 9.5 181.4



Abundance Ion 94.00 (93.70 to 94.70): VV009368.D (-130) (-)



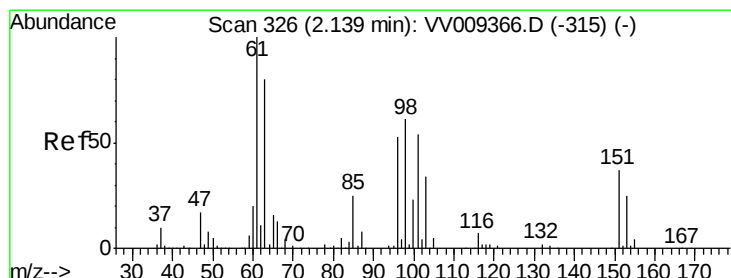
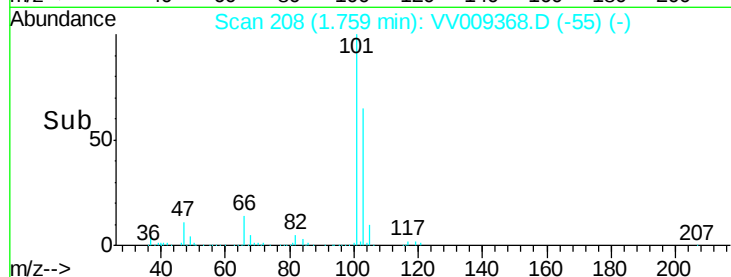
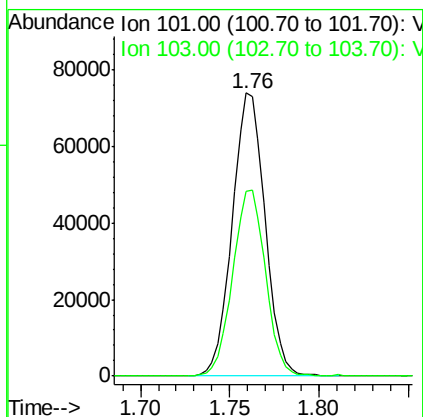
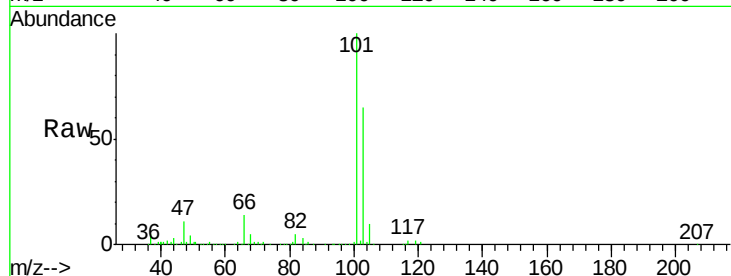


#9

Trichlorofluoromethane
 Concen: 16.551 ug/L
 RT: 1.76 min Scan# 208
 Delta R.T. -0.01 min
 Lab File: VV009368.D
 Acq: 26 Feb 2019 15:22

Instrument :
 MSVOA_V
 ClientSampleId :
 DB5Z1

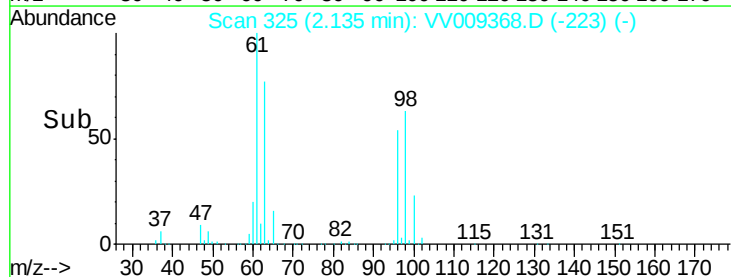
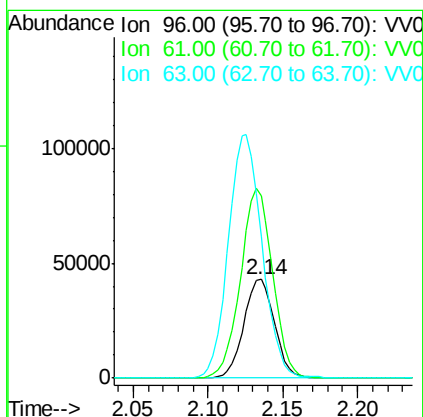
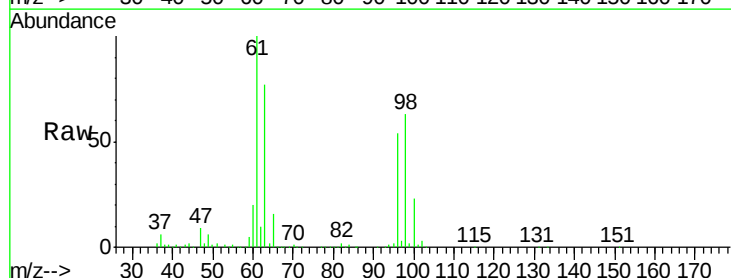
Tot Ion:101 Resp: 94907
 Ion Ratio Lower Upper
 101 100
 103 65.8 44.7 83.1

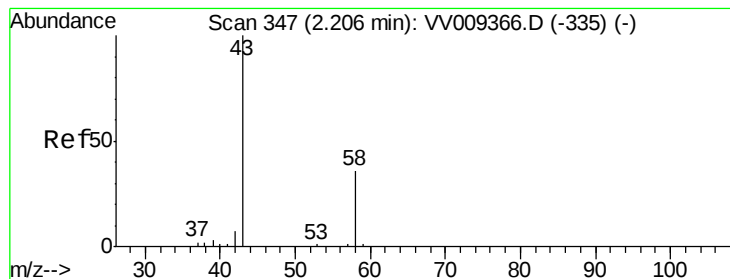


#12

1,1-Dichloroethene
 Concen: 22.489 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. -0.00 min
 Lab File: VV009368.D
 Acq: 26 Feb 2019 15:22

Tgt Ion: 96 Resp: 61526
 Ion Ratio Lower Upper
 96 100
 61 184.3 136.9 254.3
 63 142.7 108.7 201.9





#13

Acetone

Concen: 68.075 ug/L

RT: 2.21 min Scan# 348

Delta R.T. 0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

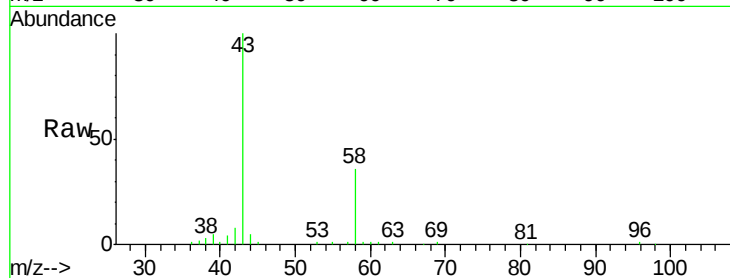
DB5Z1

Tot Ion: 43 Resp: 56199

Ion Ratio Lower Upper

43 100

58 36.4 0.0 68.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

2.21

25000

20000

15000

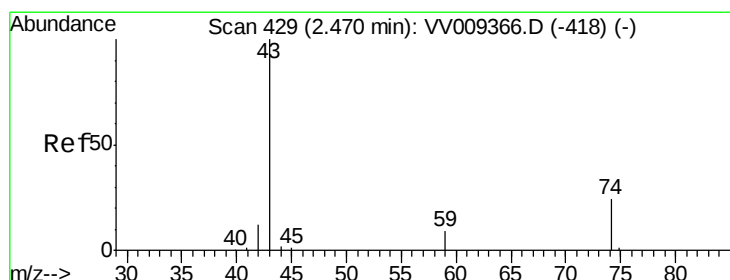
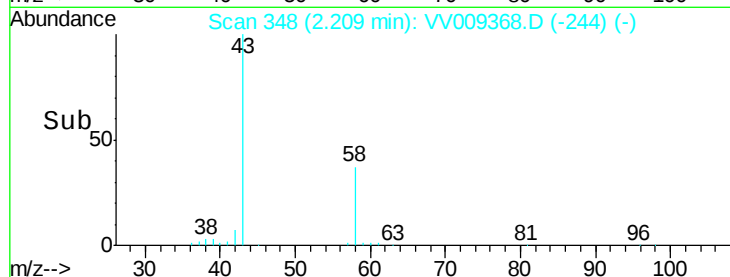
10000

5000

0

Time-->

2.15 2.20 2.25 2.30



#15

Methyl Acetate

Concen: 39.646 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.01 min

Lab File: VV009368.D

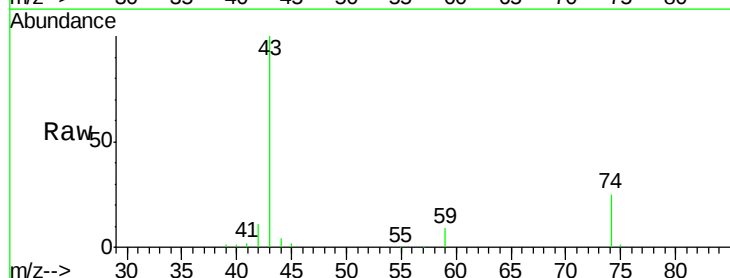
Acq: 26 Feb 2019 15:22

Tgt Ion: 43 Resp: 43247

Ion Ratio Lower Upper

43 100

74 25.0 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 74.00 (73.70 to 74.70): VV0

2.46

30000

25000

20000

15000

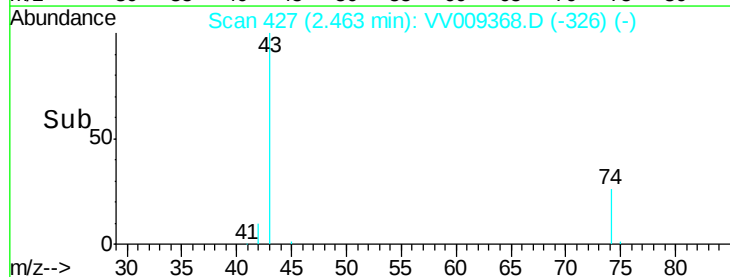
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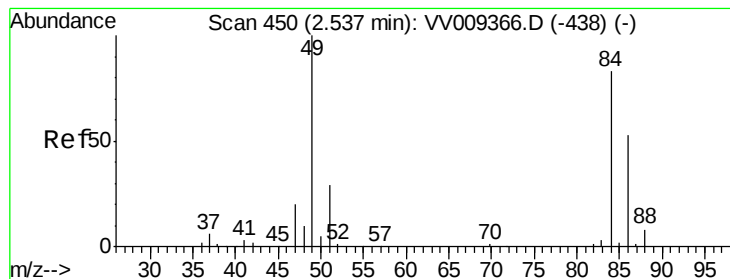
5000

0

Time-->

2.40 2.45 2.50





#16

Methylene chloride

Concen: 11.604 ug/L

RT: 2.53 min Scan# 449

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampled :

DB5Z1

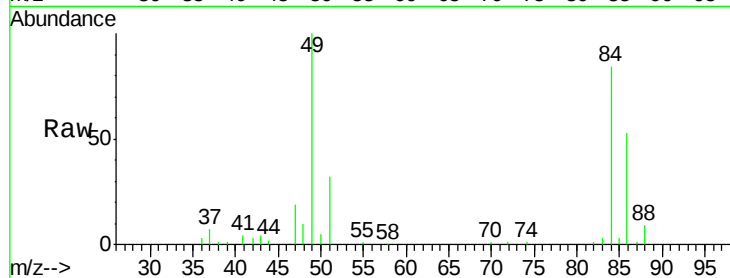
Tot Ion: 84 Resp: 29943

Ion Ratio Lower Upper

84 100

49 119.0 84.6 157.0

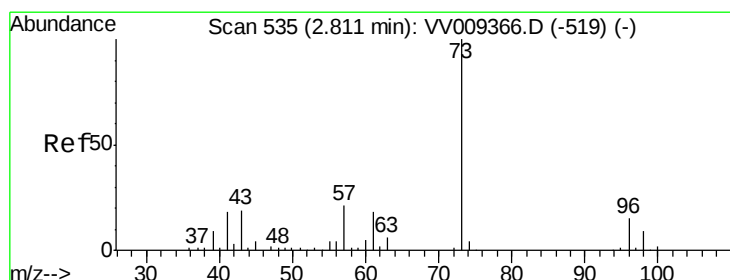
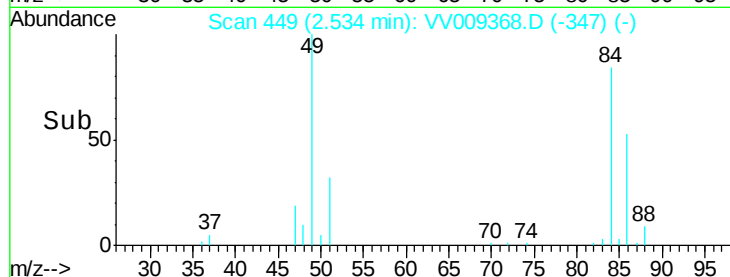
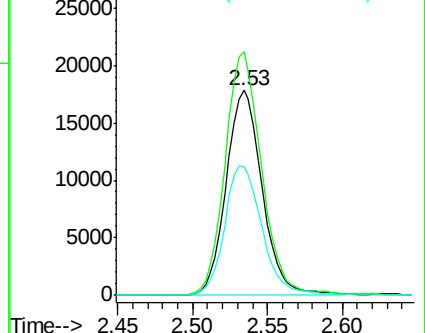
86 63.0 46.1 85.7



Abundance Ion 84.00 (83.70 to 84.70): VV009368.D (-347) (-)

Ion 49.00 (48.70 to 49.70): VV009368.D (-347) (-)

Ion 86.00 (85.70 to 86.70): VV009368.D (-347) (-)



#17

Methyl tert-butyl Ether

Concen: 32.581 ug/L

RT: 2.80 min Scan# 533

Delta R.T. -0.01 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

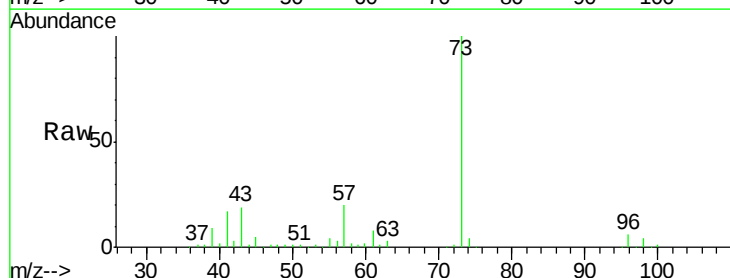
Tgt Ion: 73 Resp: 193959

Ion Ratio Lower Upper

73 100

43 19.3 15.0 22.4

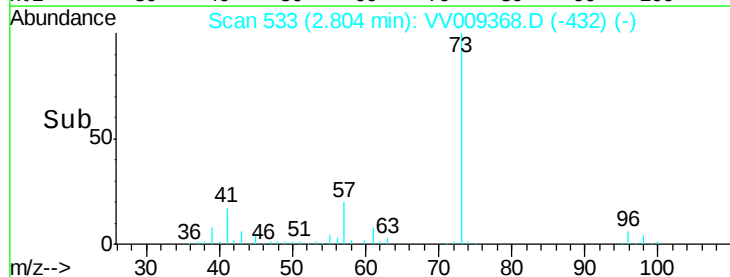
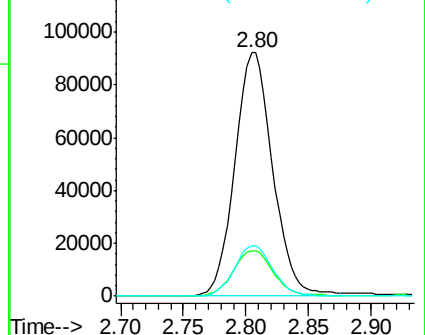
57 20.7 17.0 25.4

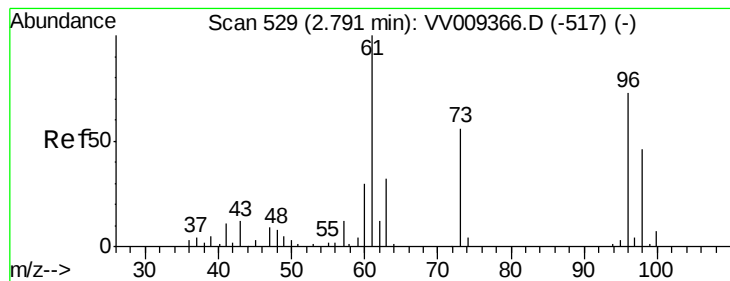


Abundance Ion 73.00 (72.70 to 73.70): VV009368.D (-432) (-)

Ion 43.00 (42.70 to 43.70): VV009368.D (-432) (-)

Ion 57.00 (56.70 to 57.70): VV009368.D (-432) (-)





#18

trans-1,2-Dichloroethene

Concen: 10.922 ug/L

RT: 2.79 min Scan# 528

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

DB5Z1

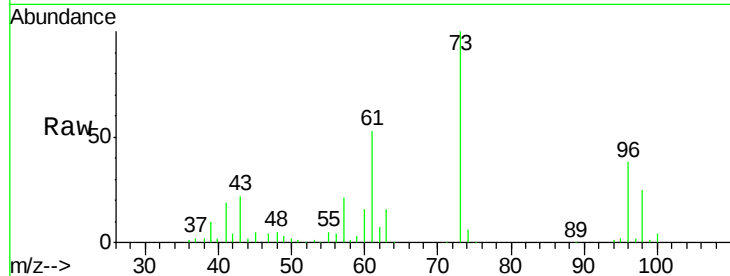
Tot Ion: 96 Resp: 25971

Ion Ratio Lower Upper

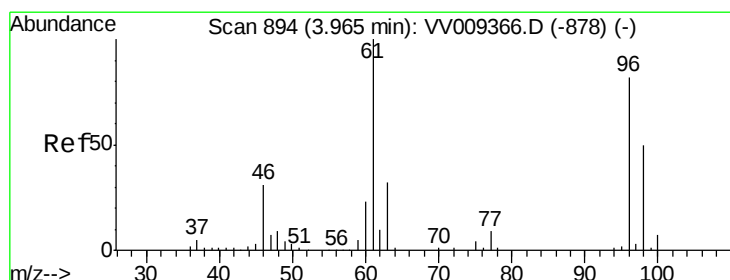
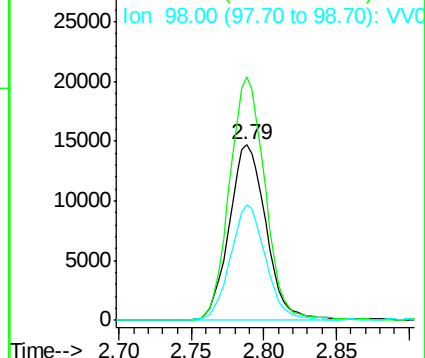
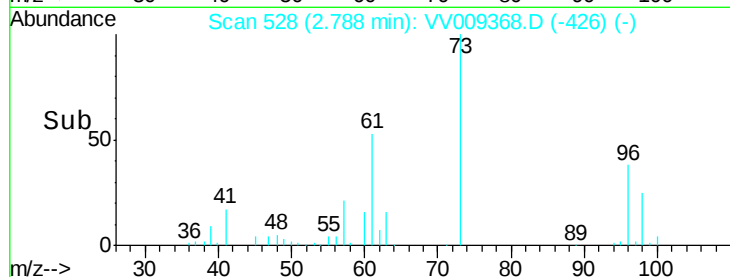
96 100

61 138.6 95.6 177.6

98 65.9 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV009368.D (-426) (-)



#22

cis-1,2-Dichloroethene

Concen: 25.821 ug/L

RT: 3.96 min Scan# 892

Delta R.T. -0.01 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

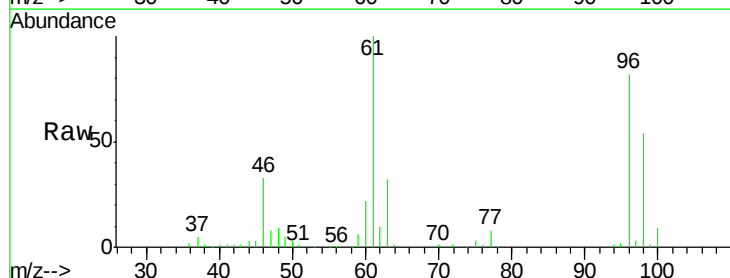
Tgt Ion: 96 Resp: 69029

Ion Ratio Lower Upper

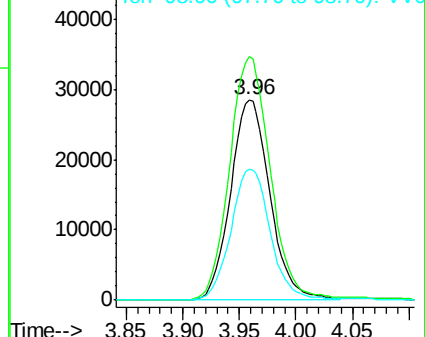
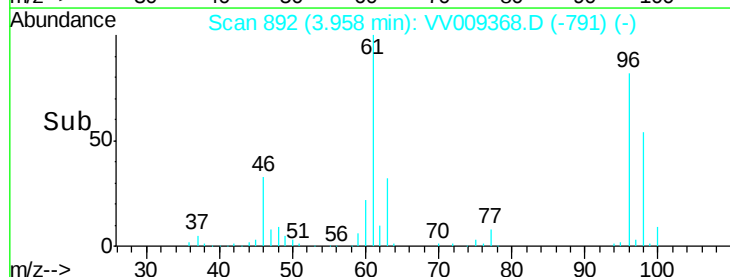
96 100

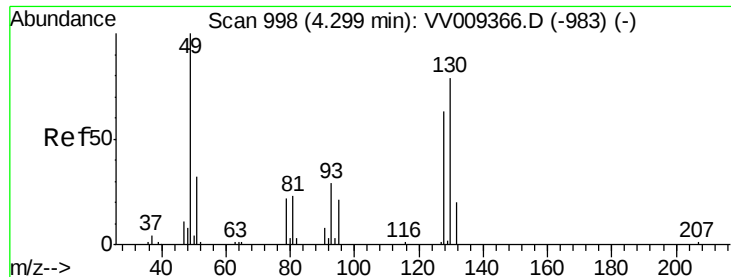
61 121.5 87.2 161.9

98 65.5 44.6 82.8



Abundance Ion 96.00 (95.70 to 96.70): VV009368.D (-791) (-)

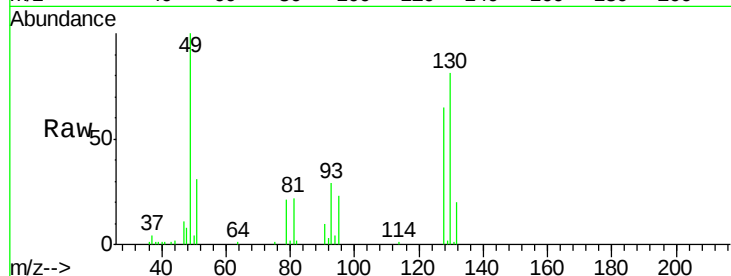




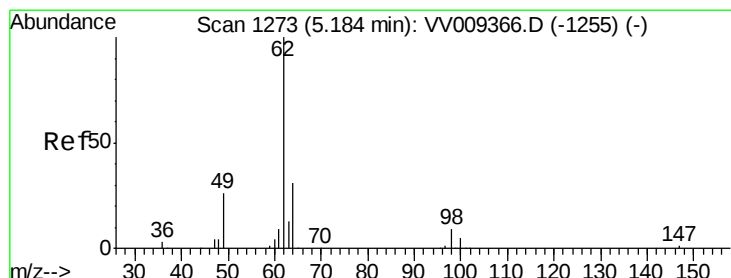
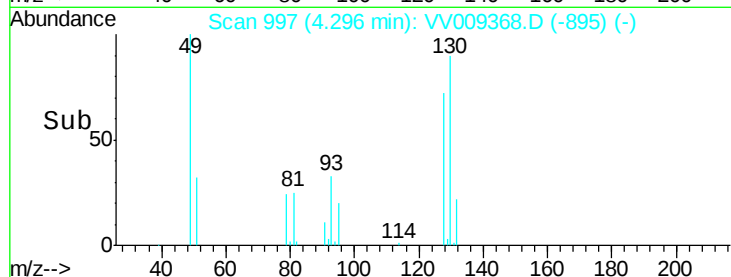
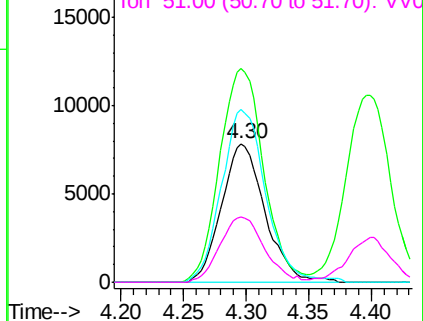
#23
Bromochloromethane
Concen: 15.732 ug/L
RT: 4.30 min Scan# 997
Delta R.T. -0.00 min
Lab File: VV009368.D
Acq: 26 Feb 2019 15:22

Instrument :
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ClientSampleId :
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Tot Ion:128 Resp: 18874
Ion Ratio Lower Upper
128 100
49 154.4 115.5 214.5
130 124.6 92.6 172.0
51 47.3 43.4 65.2

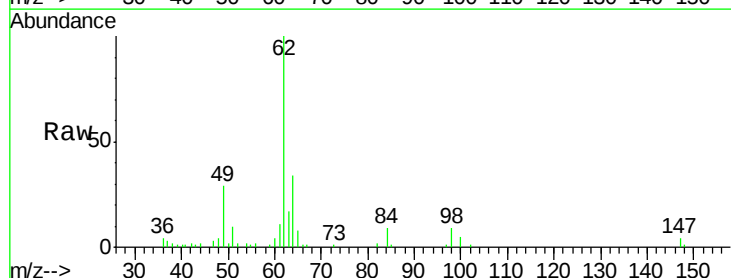


Abundance Ion 128.00 (127.70 to 128.70): VV009368.D (-895) (-)
Ion 49.00 (48.70 to 49.70): VV009368.D (-895) (-)
Ion 130.00 (129.70 to 130.70): VV009368.D (-895) (-)
Ion 51.00 (50.70 to 51.70): VV009368.D (-895) (-)

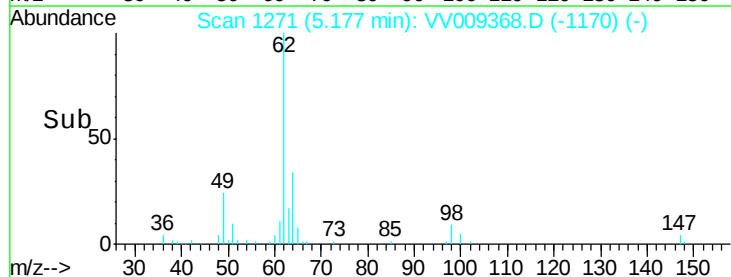
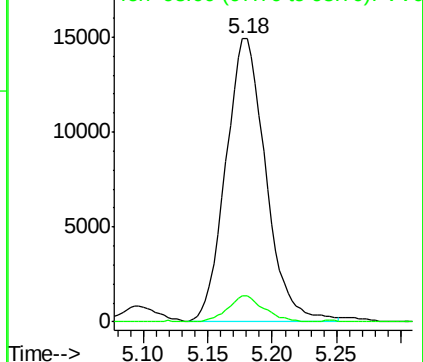


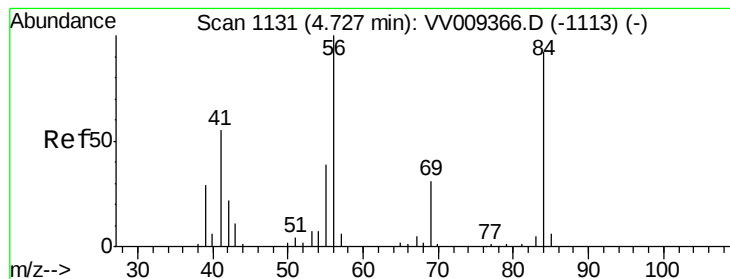
#27
1,2-Dichloroethane
Concen: 10.159 ug/L
RT: 5.18 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VV009368.D
Acq: 26 Feb 2019 15:22

Tgt Ion: 62 Resp: 32305
Ion Ratio Lower Upper
62 100
98 9.3 6.6 10.0



Abundance Ion 62.00 (61.70 to 62.70): VV009368.D (-1170) (-)
Ion 98.00 (97.70 to 98.70): VV009368.D (-1170) (-)





#30

Cyclohexane

Concen: 10.130 ug/L

RT: 4.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

DB5Z1

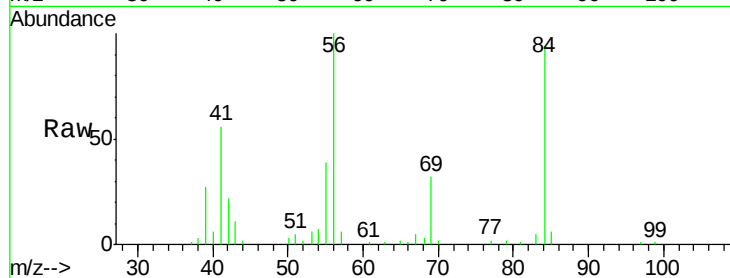
Tot Ion: 56 Resp: 43070

Ion Ratio Lower Upper

56 100

69 31.5 24.9 37.3

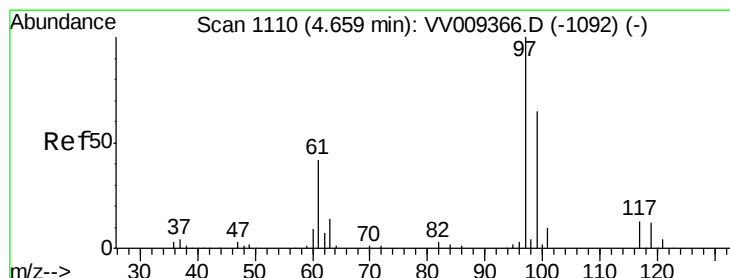
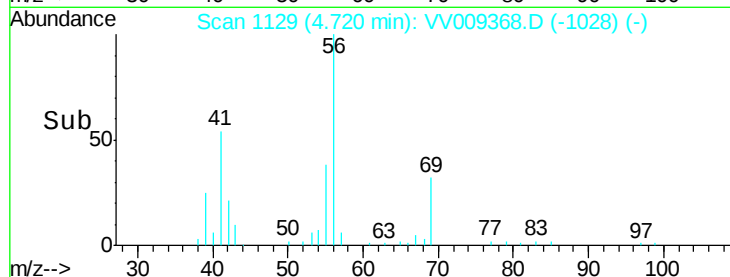
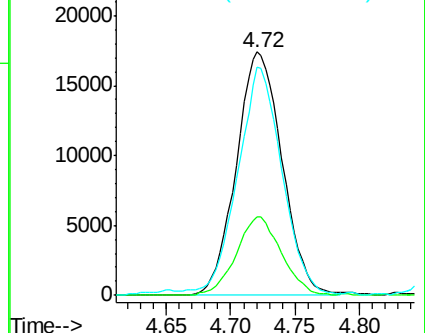
84 90.6 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VV009366.D (-1113) (-)

Ion 69.00 (68.70 to 69.70): VV009366.D (-1113) (-)

Ion 84.00 (83.70 to 84.70): VV009366.D (-1113) (-)



#31

1,1,1-Trichloroethane

Concen: 9.956 ug/L

RT: 4.65 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

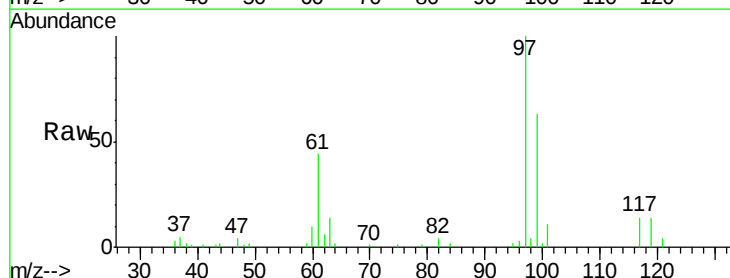
Tgt Ion: 97 Resp: 42438

Ion Ratio Lower Upper

97 100

99 66.6 51.0 76.4

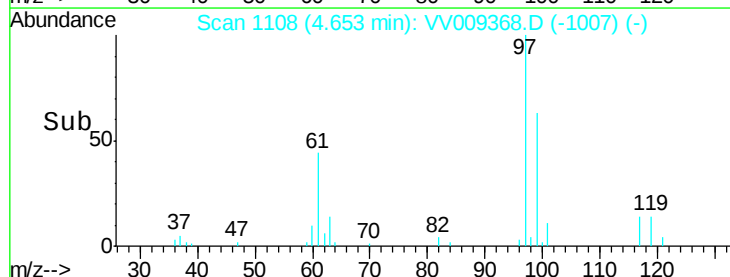
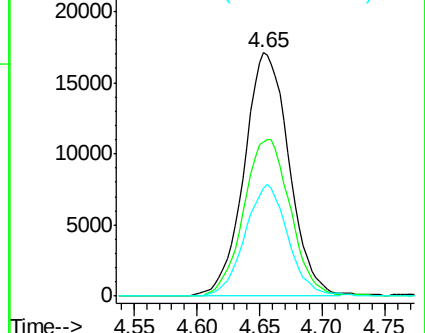
61 43.9 36.1 54.1

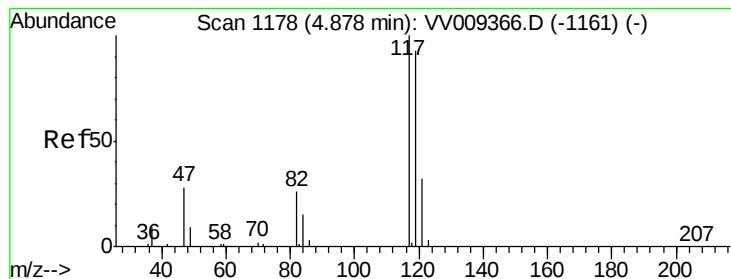


Abundance Ion 97.00 (96.70 to 97.70): VV009366.D (-1092) (-)

Ion 99.00 (98.70 to 99.70): VV009366.D (-1092) (-)

Ion 61.00 (60.70 to 61.70): VV009366.D (-1092) (-)





#32

Carbon tetrachloride

Concen: 11.646 ug/L

RT: 4.87 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

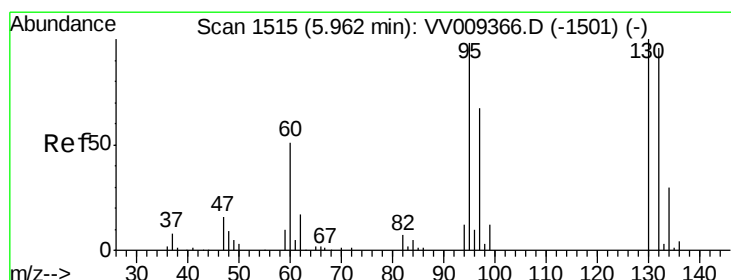
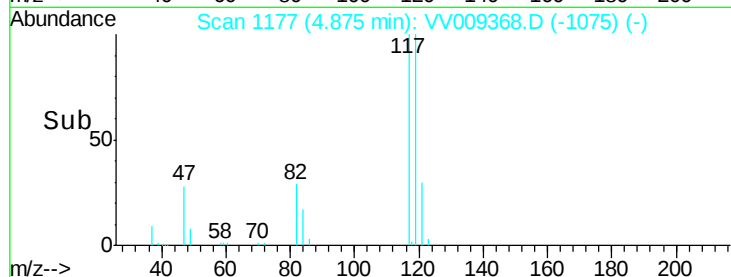
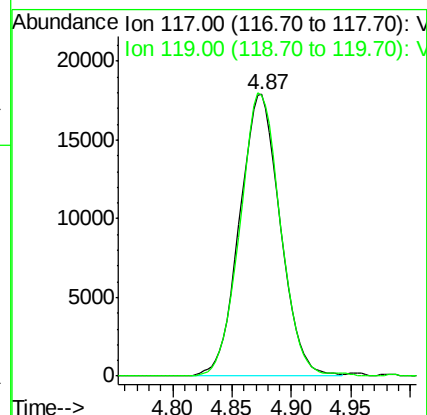
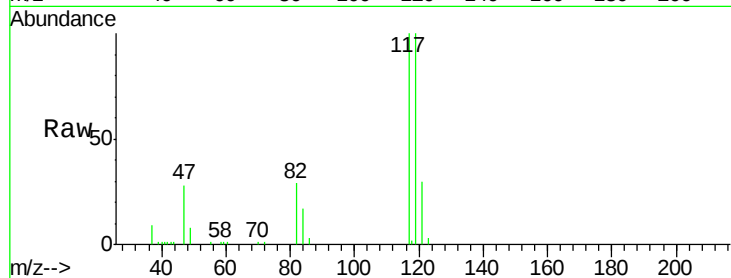
DB5Z1

Tot Ion:117 Resp: 42339

Ion Ratio Lower Upper

117 100

119 99.2 76.5 114.7



#35

Trichloroethene

Concen: 38.441 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Tgt Ion: 95 Resp: 106484

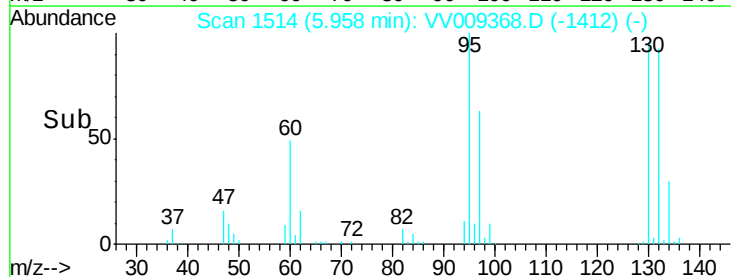
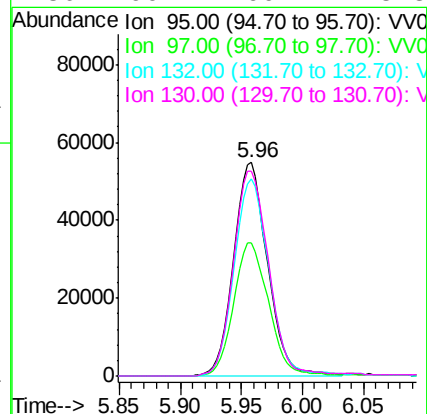
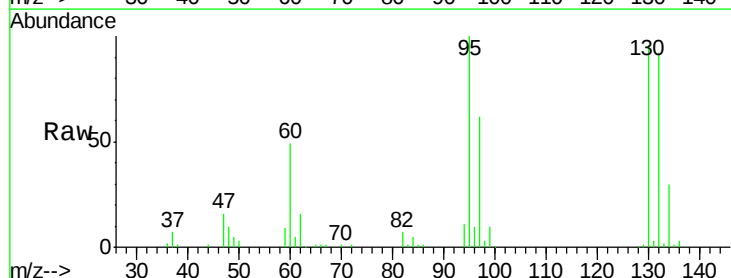
Ion Ratio Lower Upper

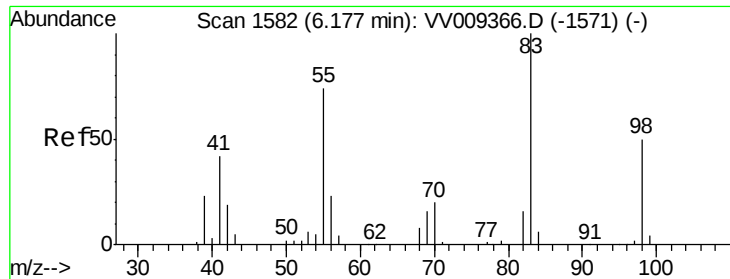
95 100

97 64.4 44.3 82.3

132 94.8 64.4 119.6

130 99.1 69.4 128.8

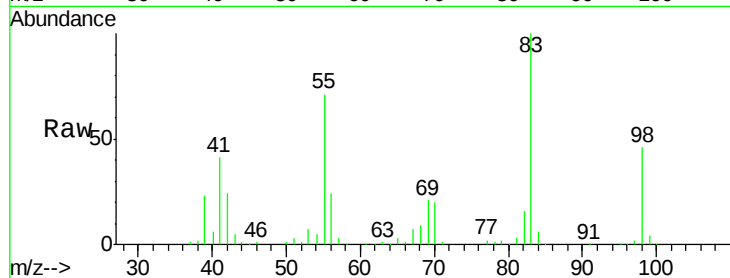




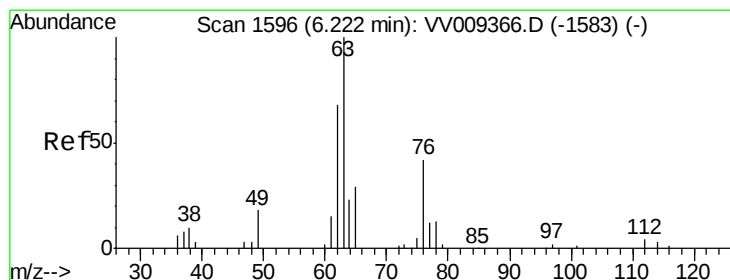
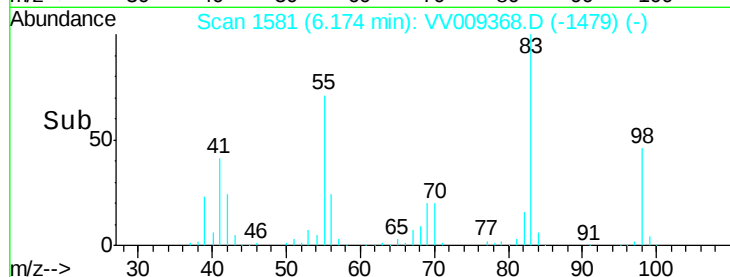
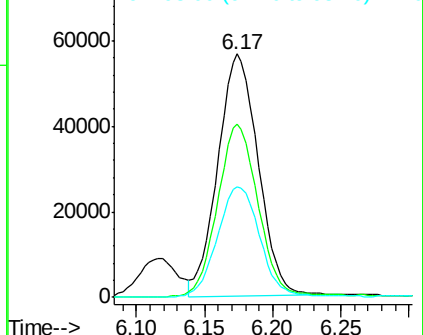
#36
Methvlcvclohexane
Concen: 24.035 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VV009368.D
Acq: 26 Feb 2019 15:22

Instrument :
MSVOA_V
ClientSampleId :
DB5Z1

Tot Ion: 83 Resp: 116249
Ion Ratio Lower Upper
83 100
55 71.4 58.8 88.2
98 47.5 37.7 56.5

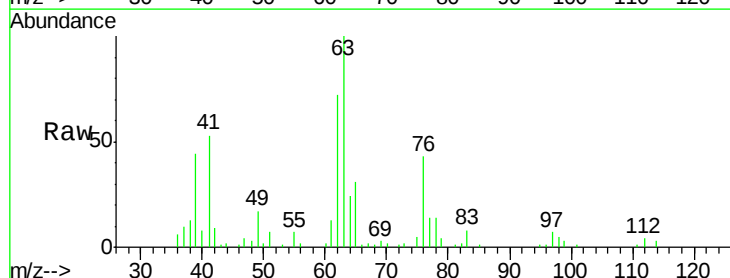


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

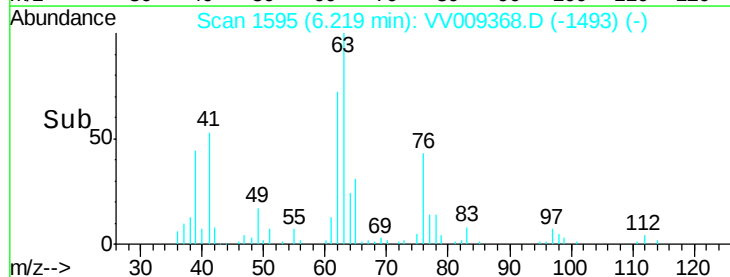
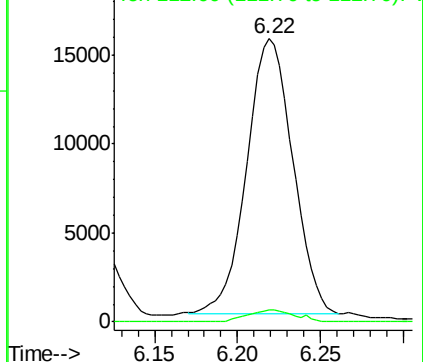


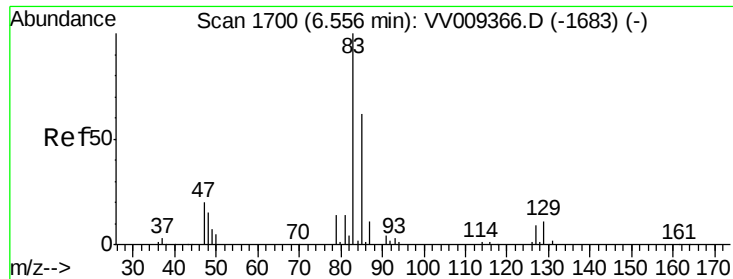
#40
1,2-Dichloropropane
Concen: 12.065 ug/L
RT: 6.22 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VV009368.D
Acq: 26 Feb 2019 15:22

Tgt Ion: 63 Resp: 29993
Ion Ratio Lower Upper
63 100
112 4.1 3.0 4.4



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V





#41

Bromodichloromethane

Concen: 19.870 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

DB5Z1

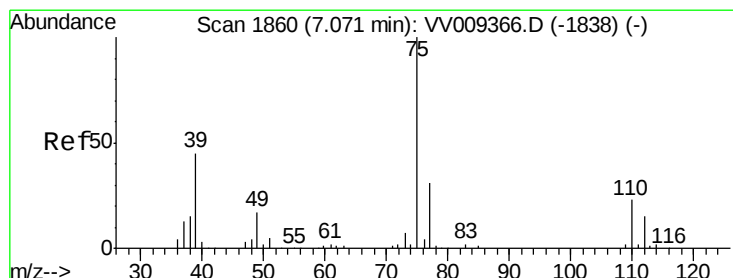
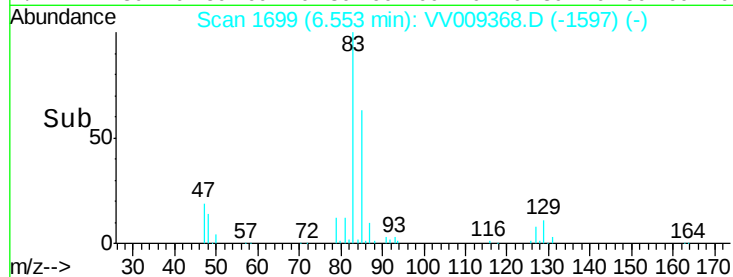
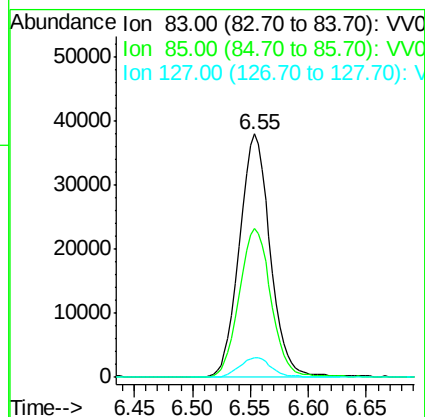
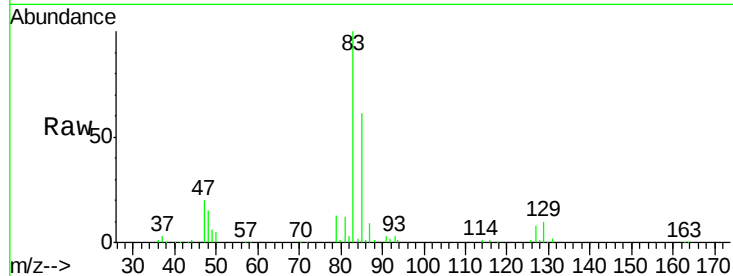
Tot Ion: 83 Resp: 70248

Ion Ratio Lower Upper

83 100

85 61.2 46.5 86.3

127 8.0 7.2 10.8



#42

cis-1,3-Dichloropropene

Concen: 17.698 ug/L

RT: 7.07 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VV009368.D

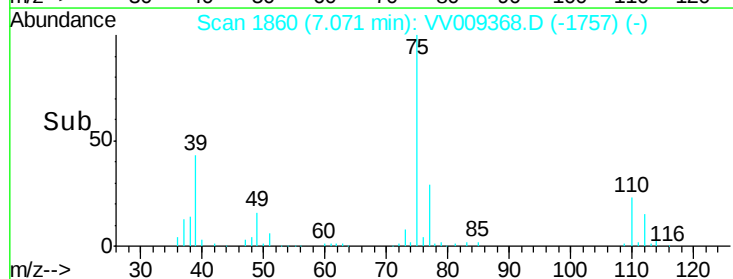
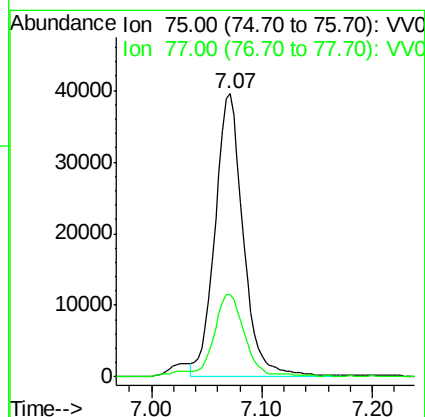
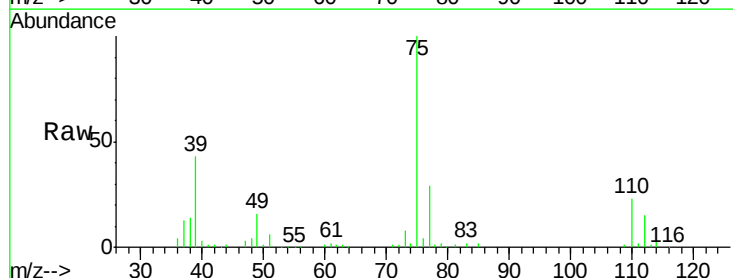
Acq: 26 Feb 2019 15:22

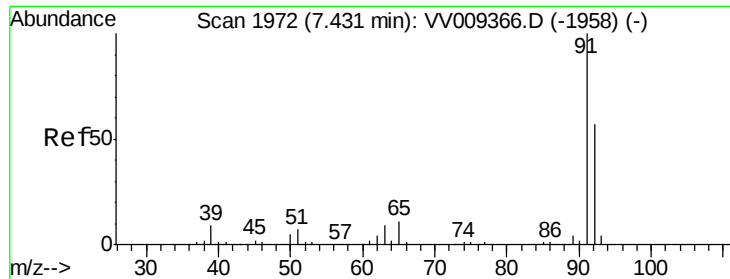
Tgt Ion: 75 Resp: 69909

Ion Ratio Lower Upper

75 100

77 29.2 21.4 39.8





#44

Toluene

Concen: 20.564 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

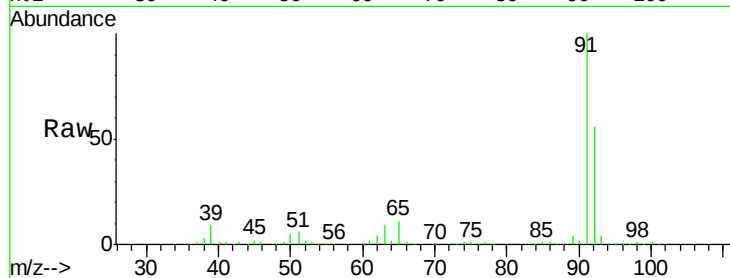
DB5Z1

Tot Ion: 91 Resp: 230155

Ion Ratio Lower Upper

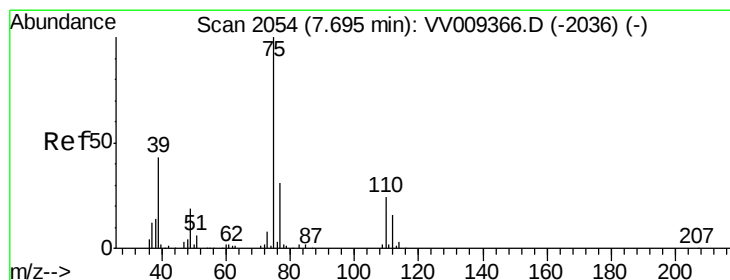
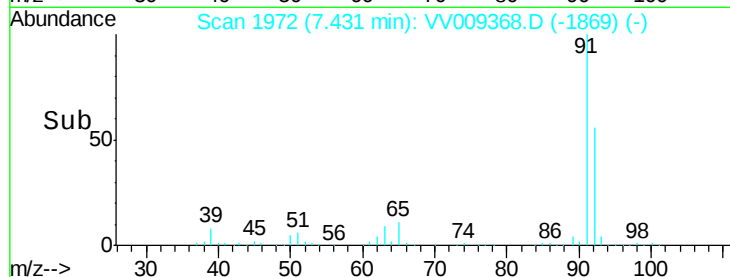
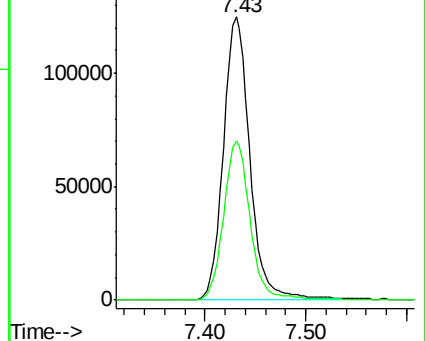
91 100

92 56.3 39.6 73.6



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#45

trans-1,3-Dichloropropene

Concen: 8.252 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. -0.00 min

Lab File: VV009368.D

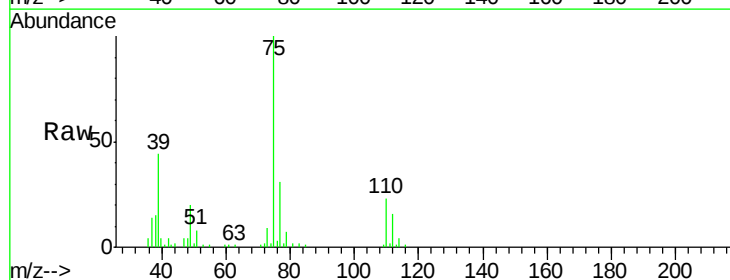
Acq: 26 Feb 2019 15:22

Tgt Ion: 75 Resp: 29551

Ion Ratio Lower Upper

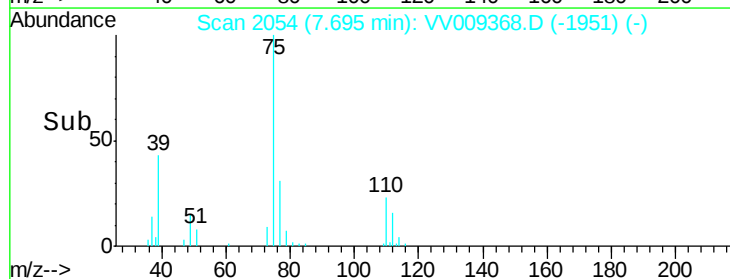
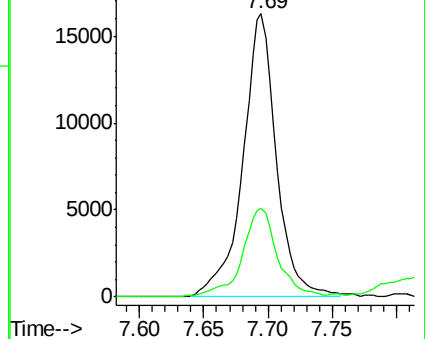
75 100

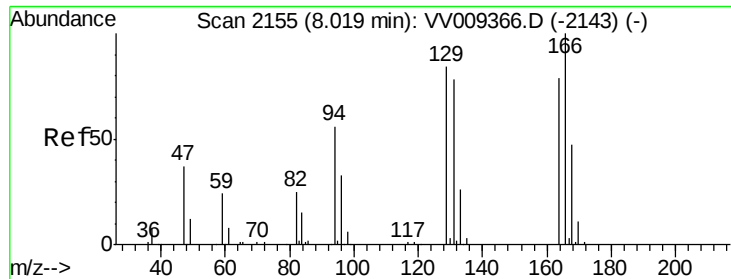
77 31.5 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0





#47

Tetrachloroethene

Concen: 38.599 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

DB5Z1

Tot Ion:164 Resp: 79196

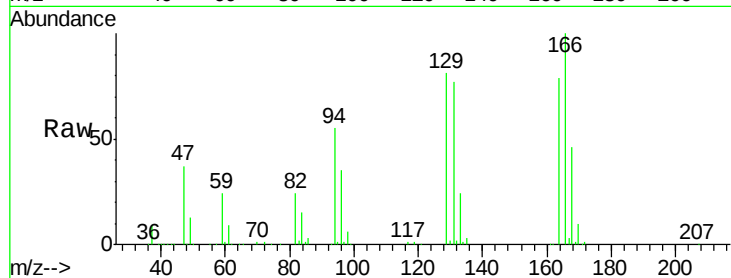
Ion Ratio Lower Upper

164 100

129 102.9 67.7 125.7

131 97.7 67.5 125.3

166 127.3 81.6 151.6

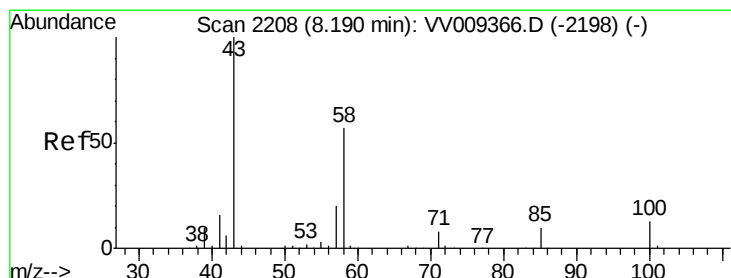
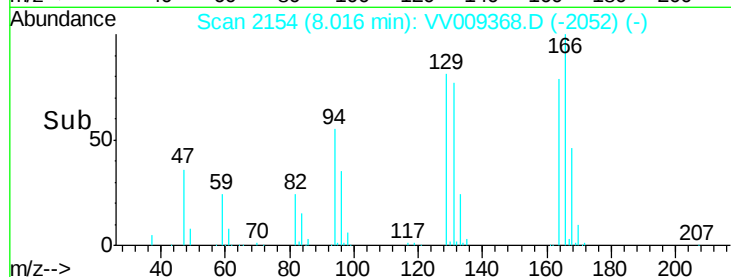
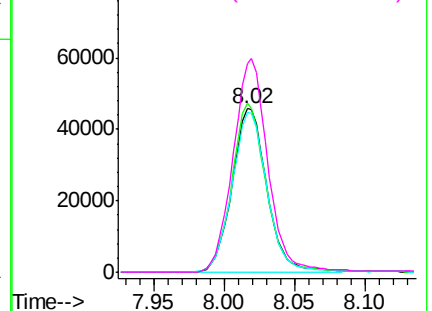


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 42.613 ug/L

RT: 8.19 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Tgt Ion: 43 Resp: 63240

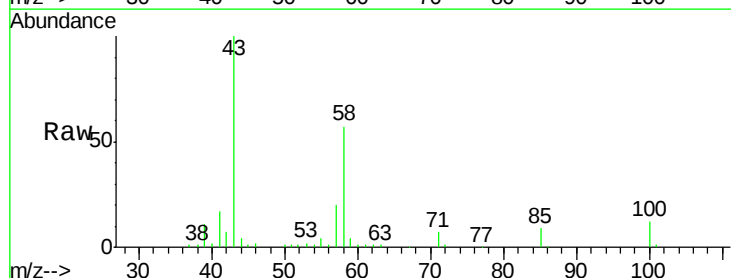
Ion Ratio Lower Upper

43 100

58 58.9 46.3 69.5

57 19.6 15.8 23.6

100 12.7 10.0 15.0

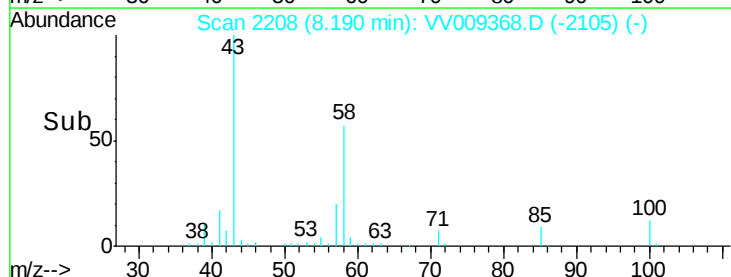
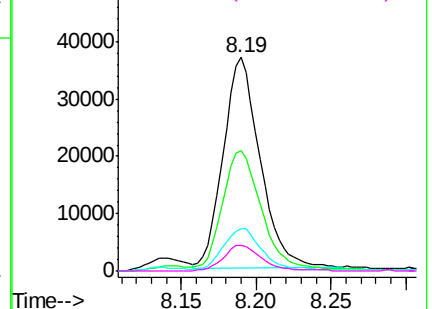


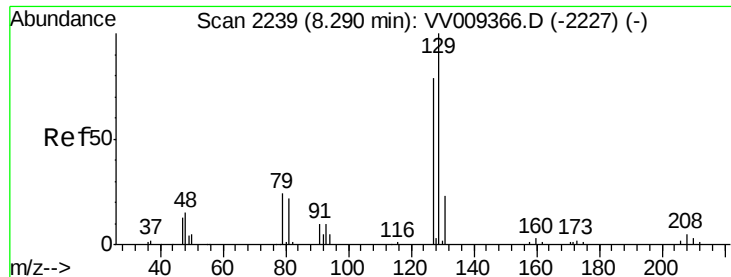
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

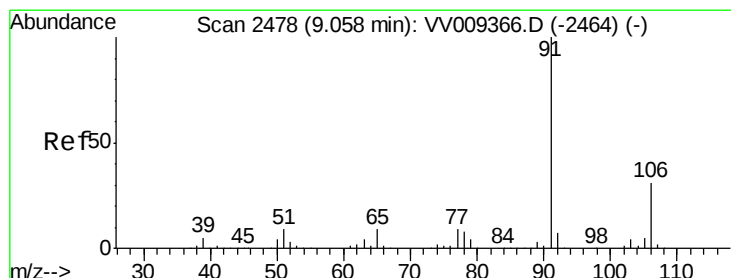
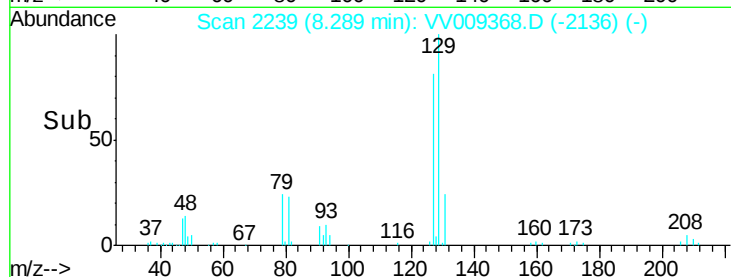
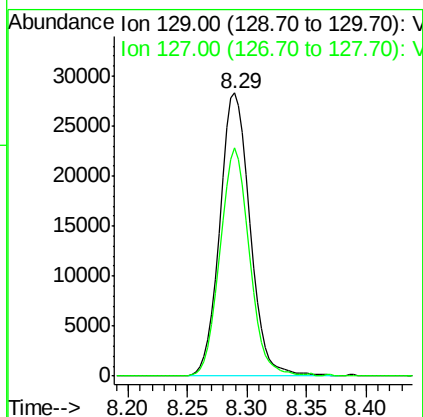
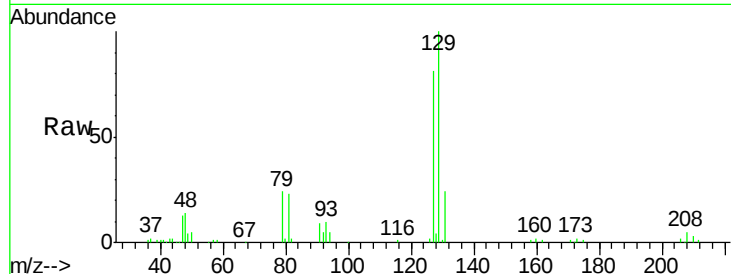




#50
Dibromochloromethane
Concen: 19.476 ug/L
RT: 8.29 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VV009368.D
Acq: 26 Feb 2019 15:22

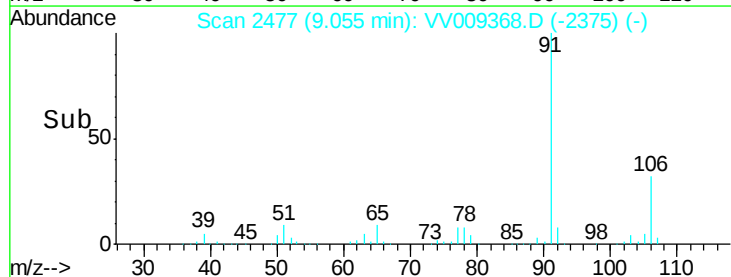
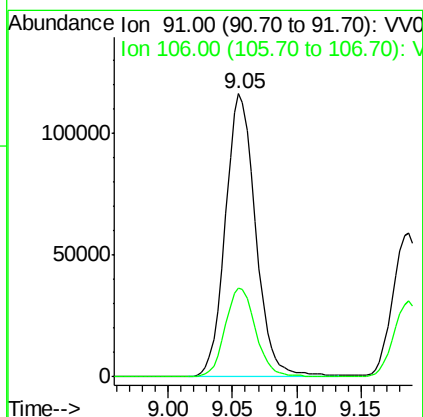
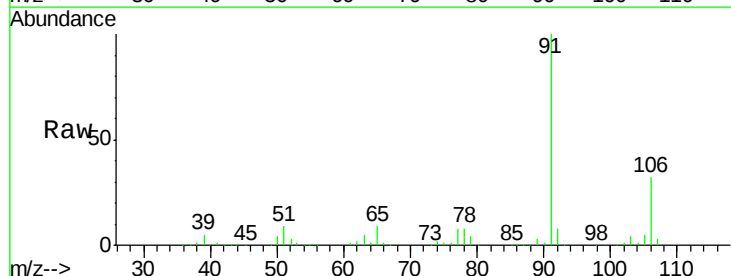
Instrument :
MSVOA_V
ClientSampled :
DB5Z1

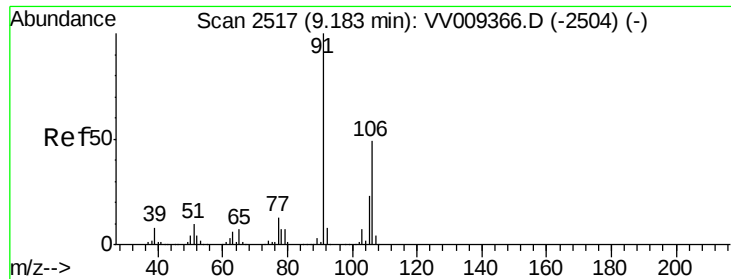
Tot Ion:129 Resp: 50026
Ion Ratio Lower Upper
129 100
127 80.5 53.7 99.7



#53
Ethylbenzene
Concen: 14.810 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV009368.D
Acq: 26 Feb 2019 15:22

Tgt Ion: 91 Resp: 189577
Ion Ratio Lower Upper
91 100
106 31.6 23.0 42.6





#54

m,p-Xylene

Concen: 10.144 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

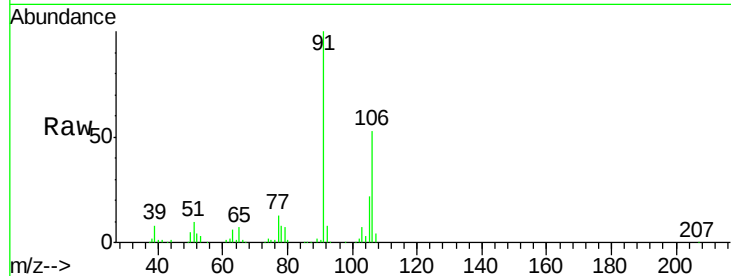
DB5Z1

Tot Ion:106 Resp: 50582

Ion Ratio Lower Upper

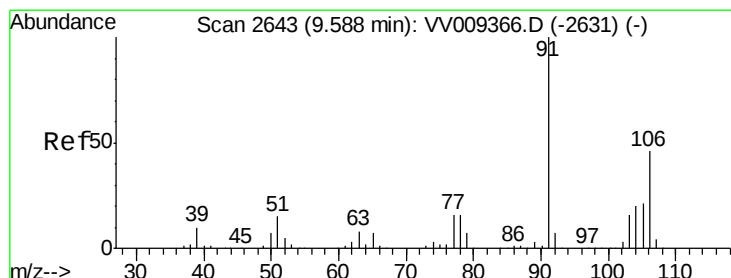
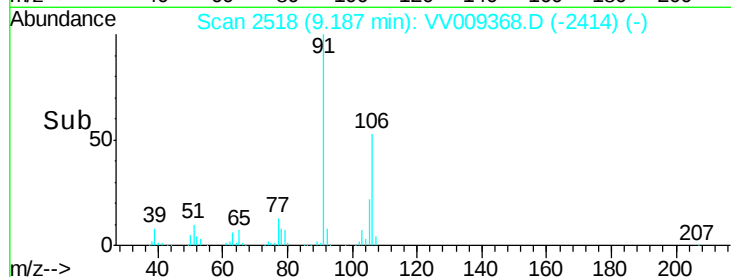
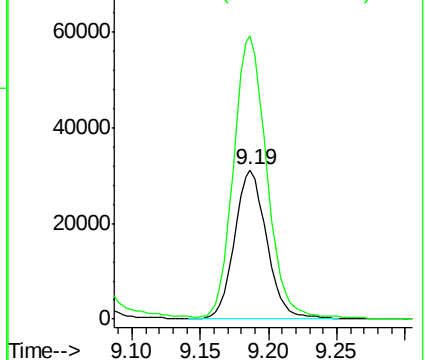
106 100

91 189.4 138.5 257.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

o-xylene

Concen: 12.296 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. -0.00 min

Lab File: VV009368.D

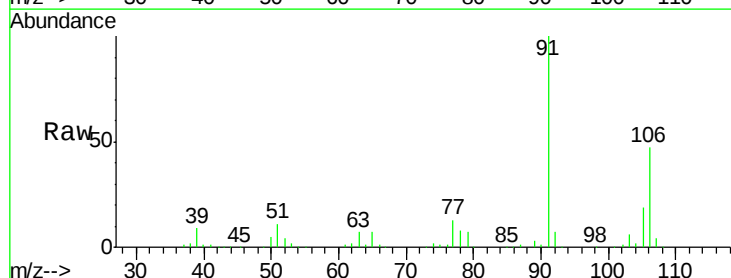
Acq: 26 Feb 2019 15:22

Tgt Ion:106 Resp: 58132

Ion Ratio Lower Upper

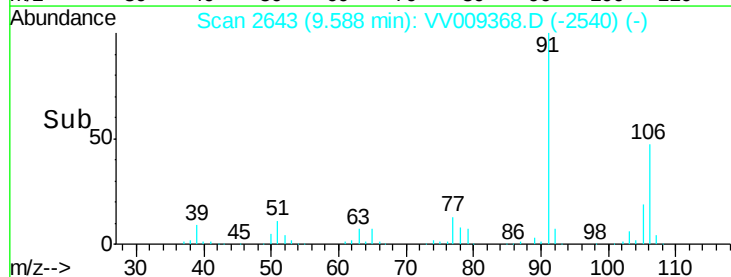
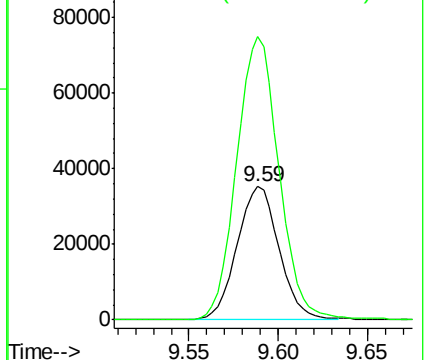
106 100

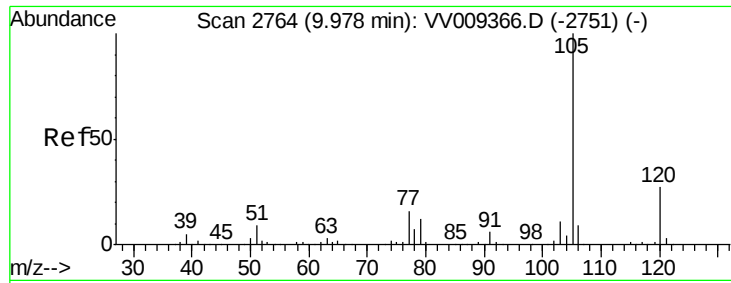
91 212.7 143.8 267.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0





#57

Isopropylbenzene

Concen: 12.082 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

Instrument :

MSVOA_V

ClientSampleId :

DB5Z1

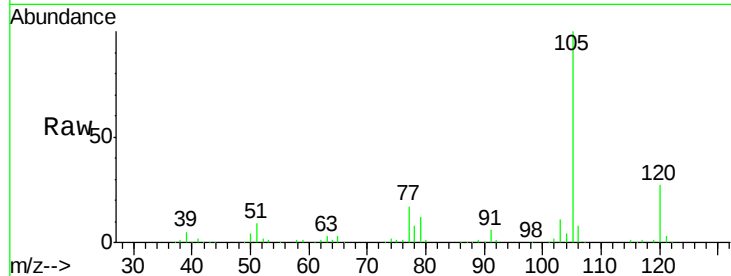
Tot Ion:105 Resp: 156054

Ion Ratio Lower Upper

105 100

120 26.8 21.4 32.2

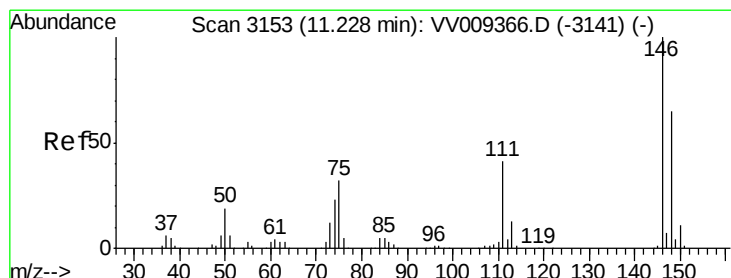
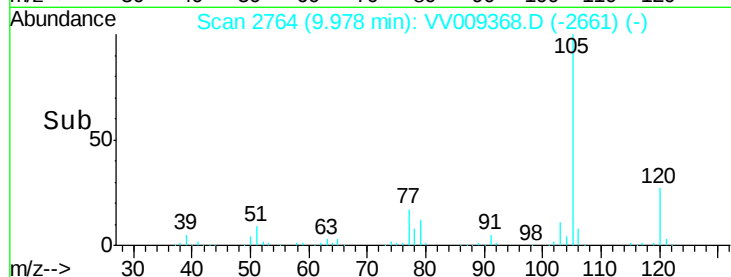
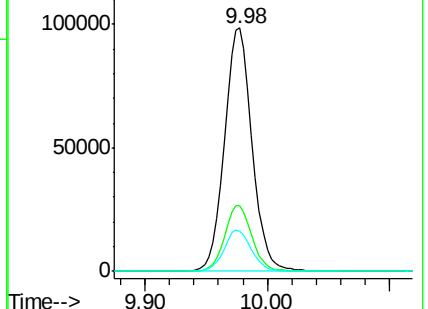
77 16.9 12.8 19.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#63

1,3-Dichlorobenzene

Concen: 20.154 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV009368.D

Acq: 26 Feb 2019 15:22

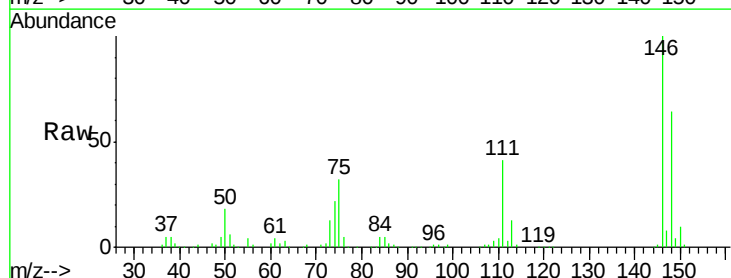
Tgt Ion:146 Resp: 106861

Ion Ratio Lower Upper

146 100

111 41.3 29.6 55.0

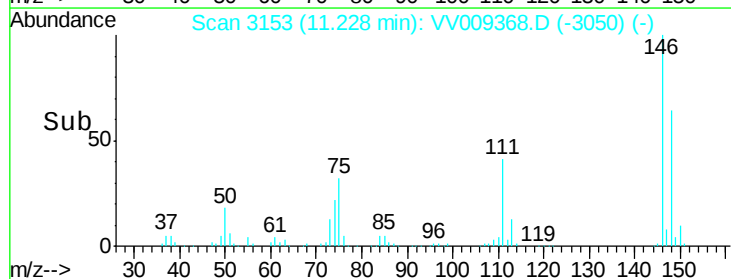
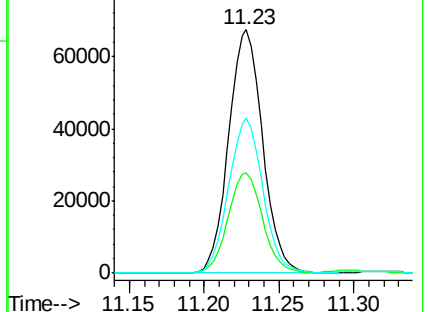
148 63.6 44.8 83.2

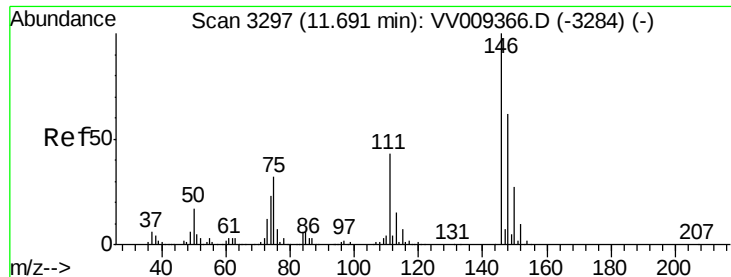


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

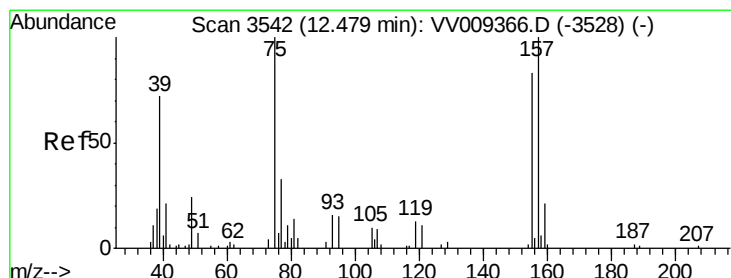
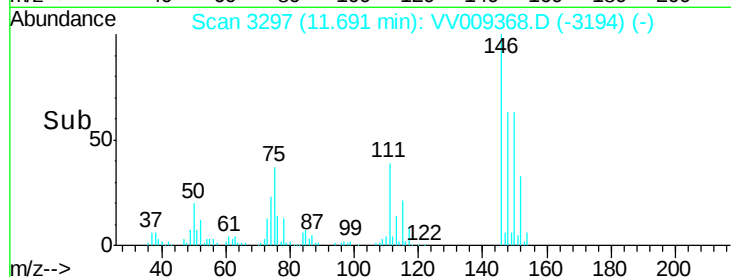
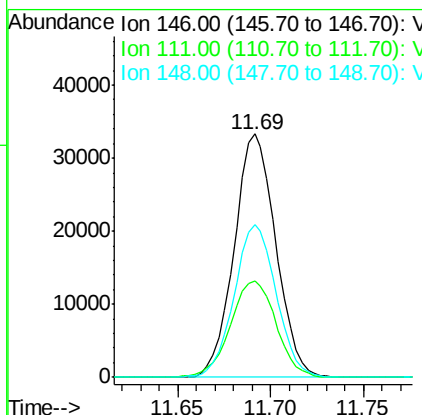
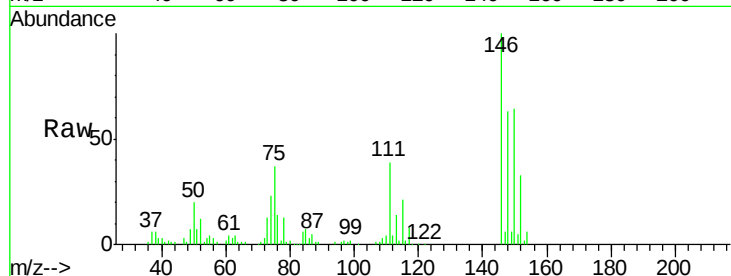




#65
 1,2-Dichlorobenzene
 Concen: 10.401 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VV009368.D
 Acq: 26 Feb 2019 15:22

Instrument :
 MSVOA_V
 ClientSampled :
 DB5Z1

Tot Ion:146 Resp: 51815
 Ion Ratio Lower Upper
 146 100
 111 39.4 35.4 53.0
 148 62.7 50.6 76.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 19.616 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. -0.00 min
 Lab File: VV009368.D
 Acq: 26 Feb 2019 15:22

Tgt Ion: 75 Resp: 9649
 Ion Ratio Lower Upper
 75 100
 157 97.7 81.0 121.4
 155 84.1 61.2 91.8

