

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 04:47:03 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

						Qvalue
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
25) Chloroform	4.42	83	2729	0.594	ug/L #	18
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

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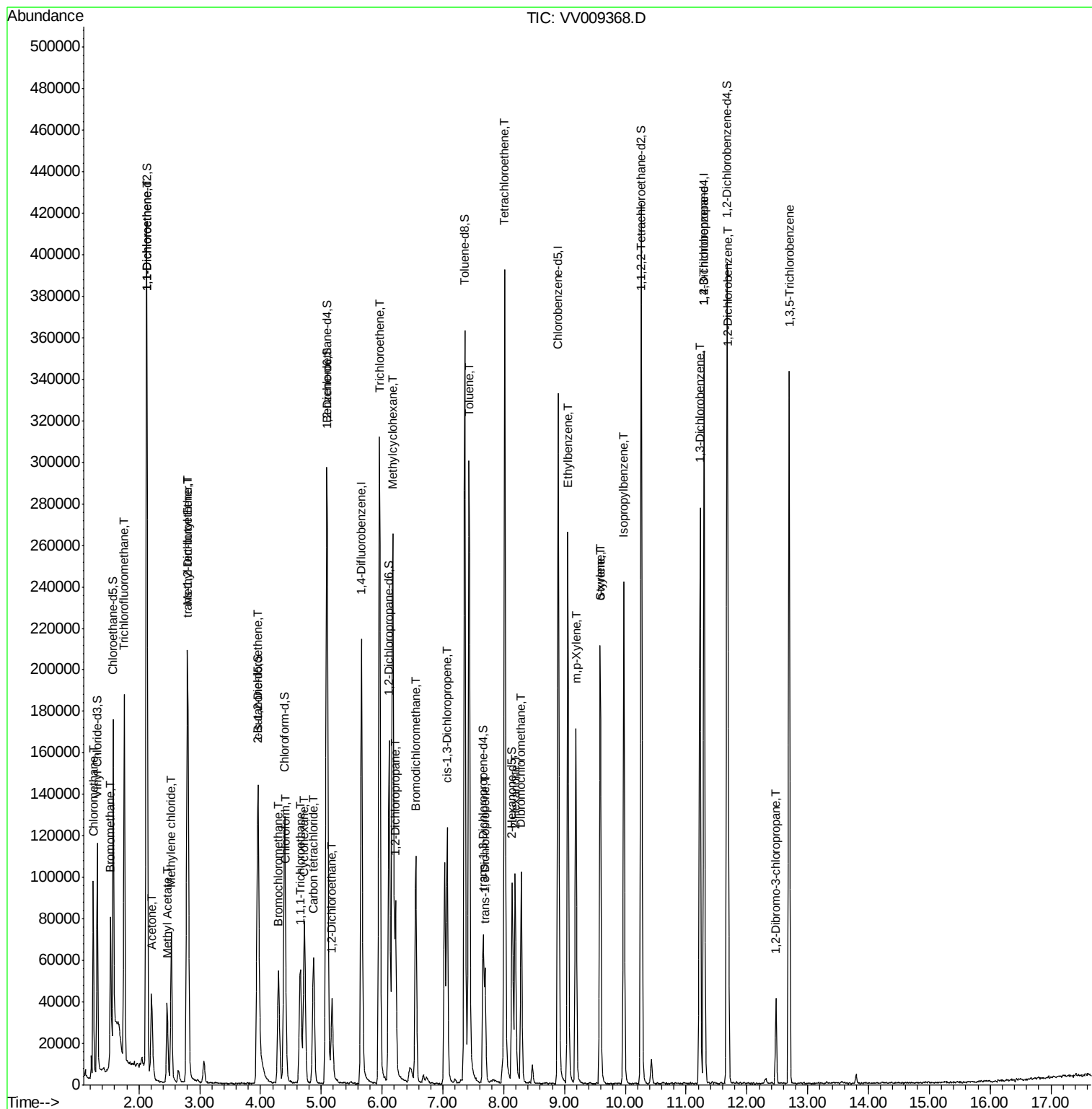
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) Methylcyclohexane	6.17	83	116249	24.035	ug/L	98
40) 1,2-Dichloropropane	6.22	63	29993	12.065	ug/L	99
41) Bromodichloromethane	6.55	83	70248	19.870	ug/L	94
42) cis-1,3-Dichloropropene	7.07	75	69909	17.698	ug/L	97
44) Toluene	7.43	91	230155	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
56) Styrene	9.59	104	3135	0.395	ug/L #	1
57) Isopropylbenzene	9.98	105	156054	12.082	ug/L	99
59) 1,2,3-Trichloropropane	11.30	75	12093	6.080	ug/L	90
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
67) 1,3,5-Trichlorobenzene	12.69	180	93604	25.002	ug/L	100

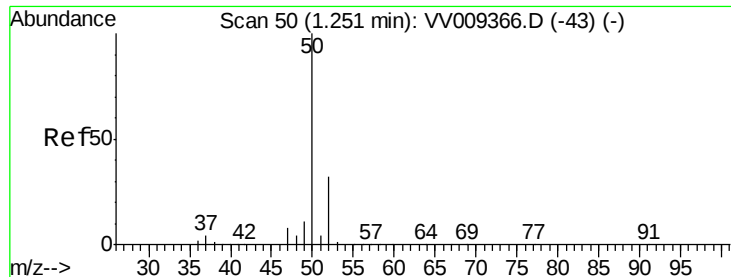
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

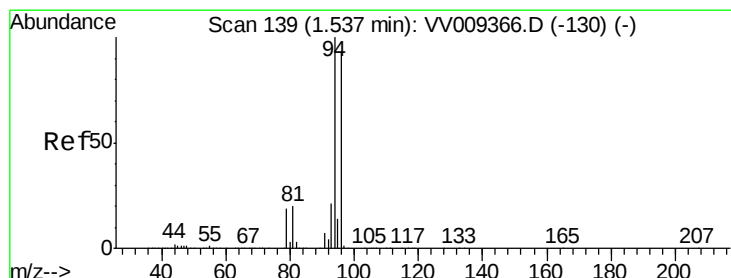
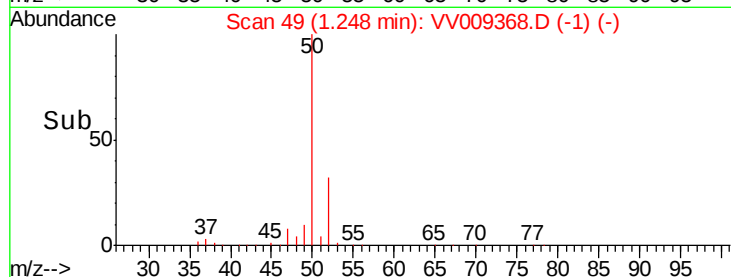
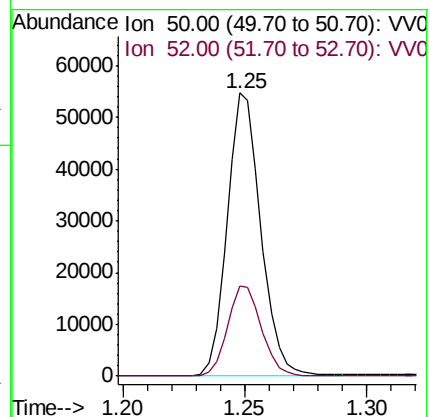
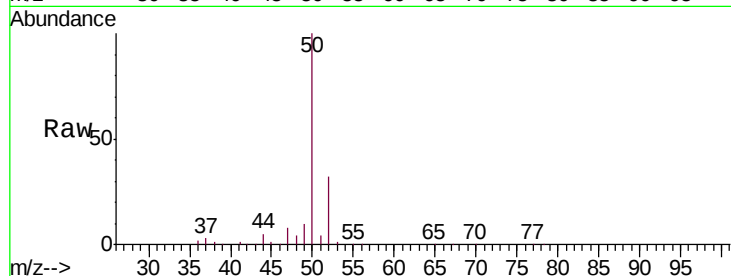
DB5Z1

Tgt Ion: 50 Resp: 52811

Ion Ratio Lower Upper

50 100

52 31.7 23.1 42.9



#6

Bromomethane

Concen: 8.291 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV009368.D

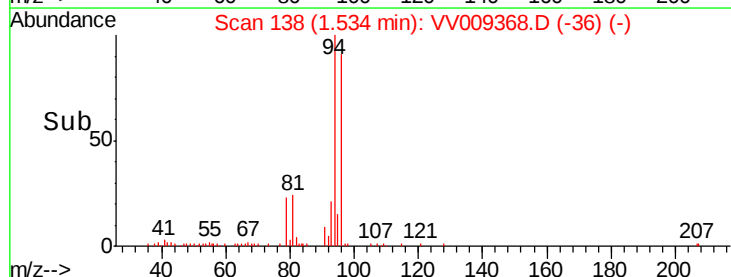
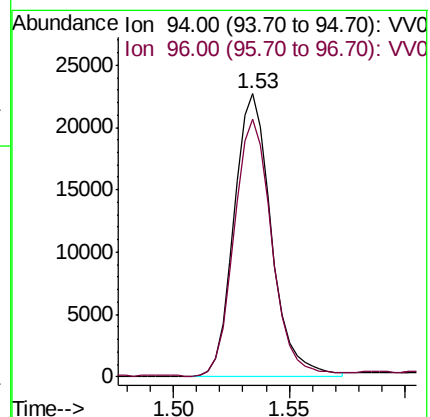
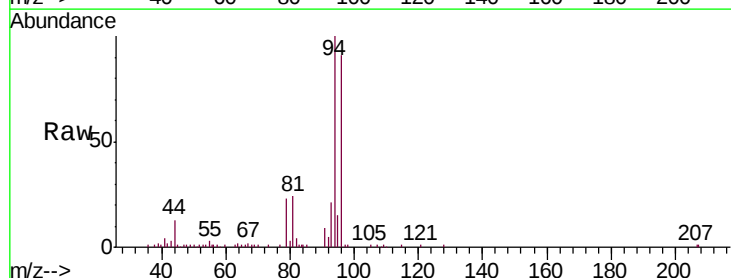
Acq: 26 Feb 2019 15:22

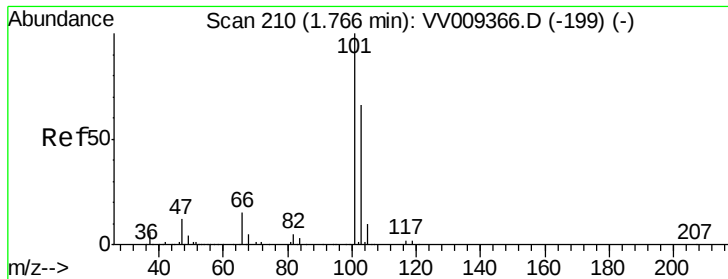
Tgt Ion: 94 Resp: 25359

Ion Ratio Lower Upper

94 100

96 92.5 9.5 181.4



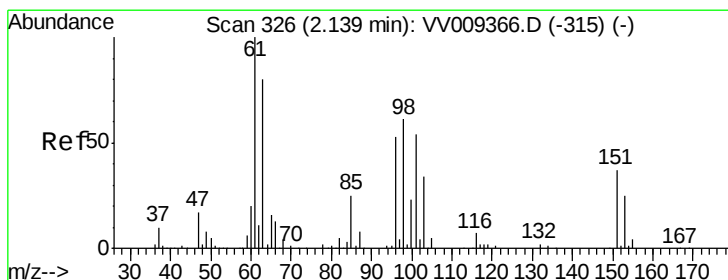
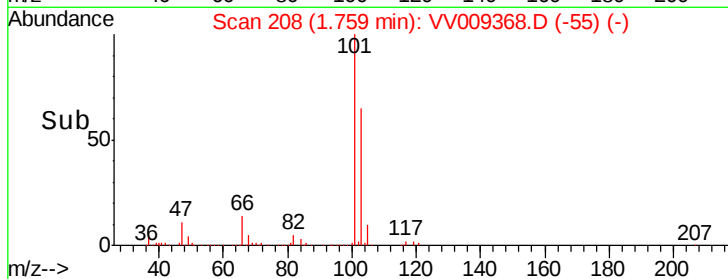
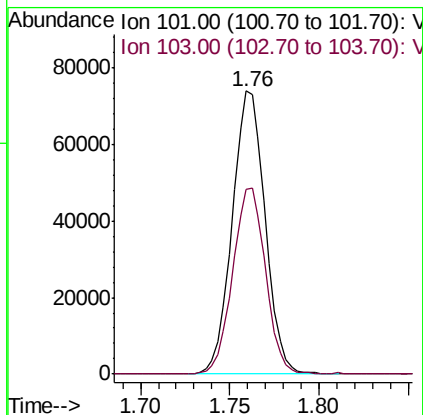
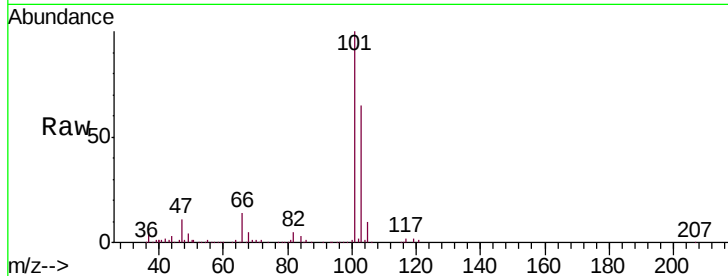


#9

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

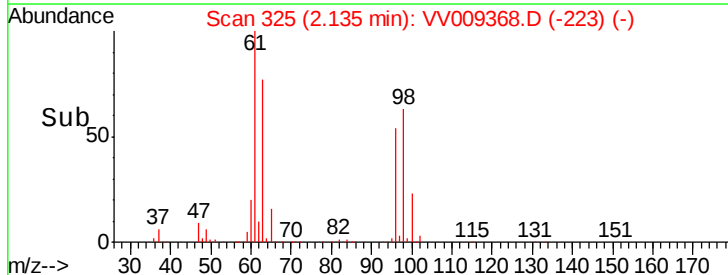
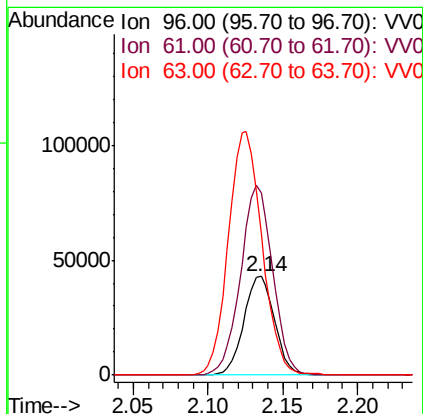
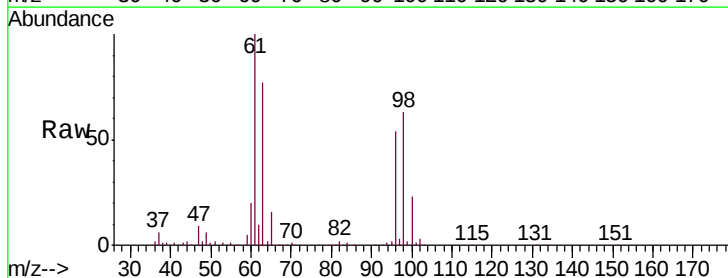
Tgt Ion: 101 Resp: 94907
 Ion Ratio Lower Upper
 101 100
 103 65.8 44.7 83.1

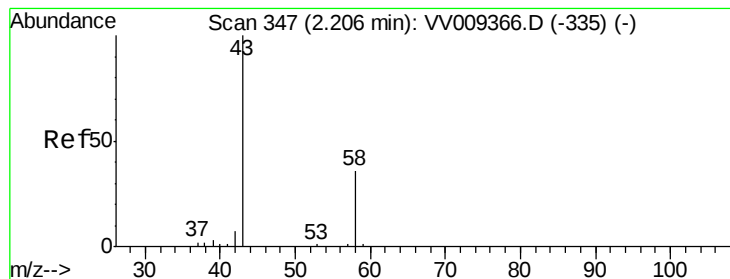


#12

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 :

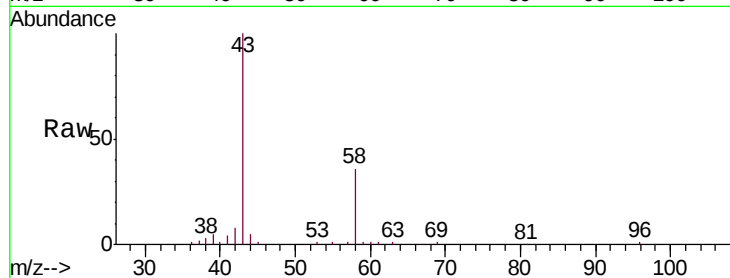
DB5Z1

Tgt 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): VV009368.D (-348) (-)

Ion 58.00 (57.70 to 58.70): VV009368.D (-348) (-)

2.21

25000

20000

15000

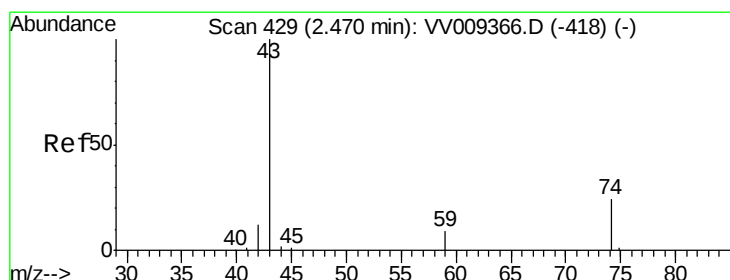
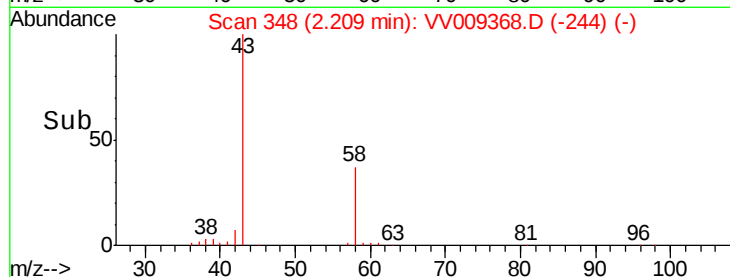
10000

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

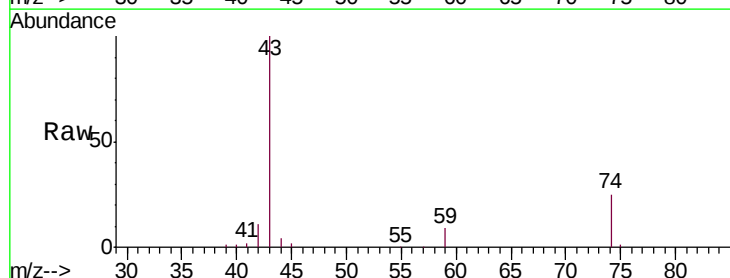
Acq: 26 Feb 2019 15:22

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): VV009368.D (-427) (-)

Ion 74.00 (73.70 to 74.70): VV009368.D (-427) (-)

2.46

30000

25000

20000

15000

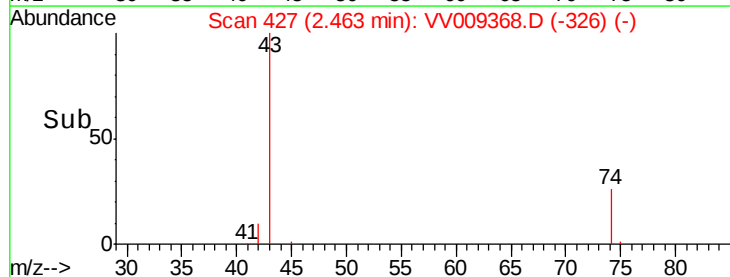
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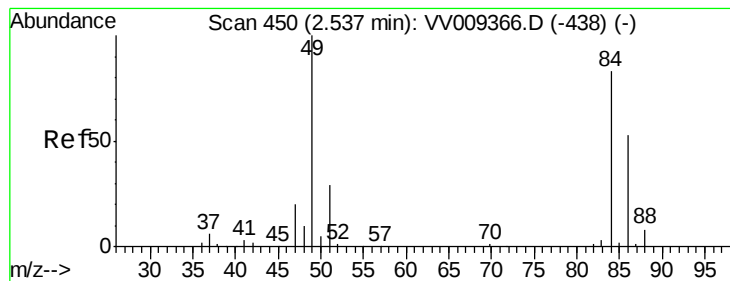
5000

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

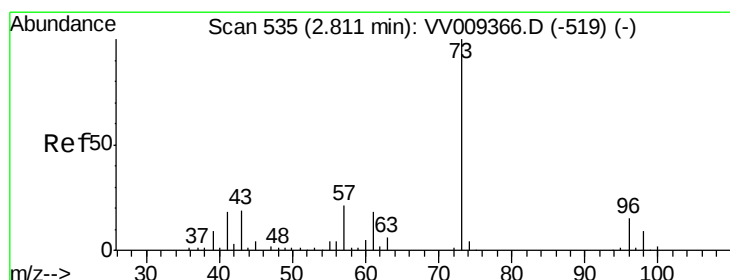
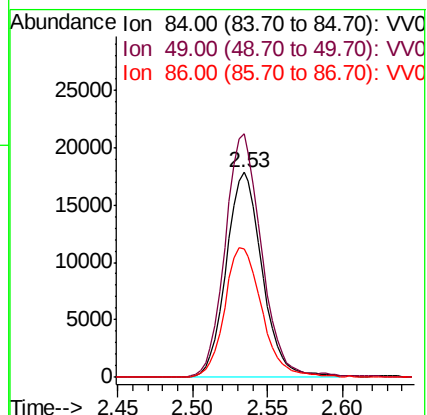
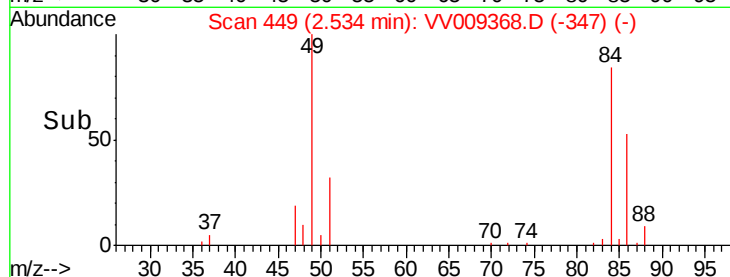
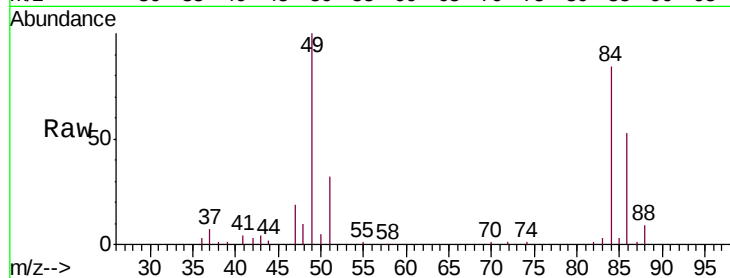
Tgt Ion: 84 Resp: 29943

Ion Ratio Lower Upper

84 100

49 119.0 84.6 157.0

86 63.0 46.1 85.7



#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

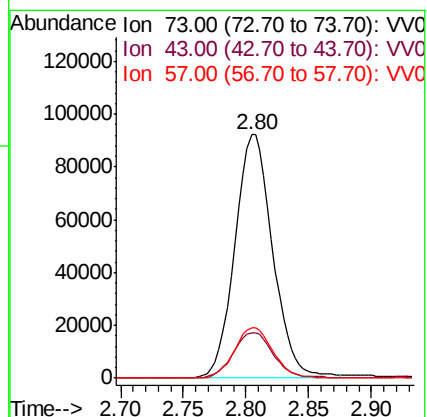
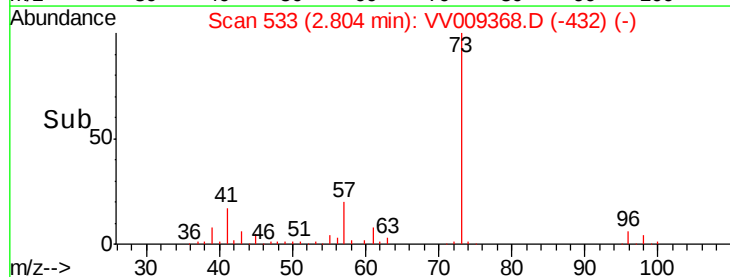
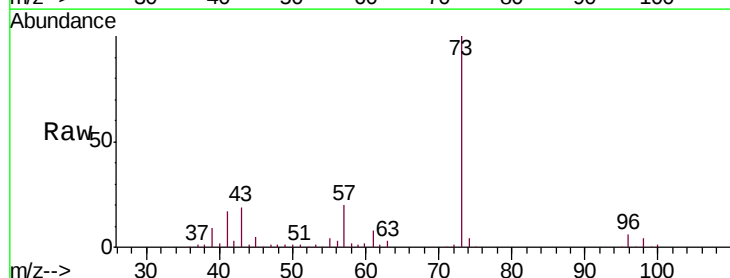
Tgt Ion: 73 Resp: 193959

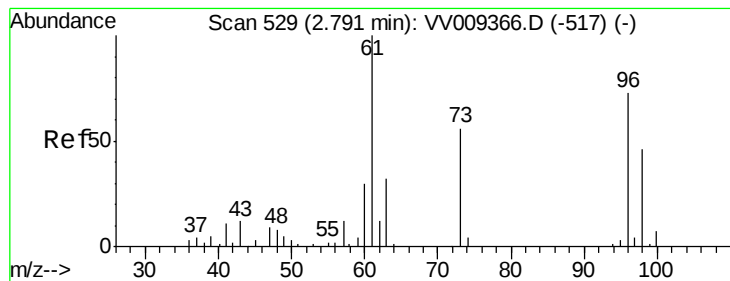
Ion Ratio Lower Upper

73 100

43 19.3 15.0 22.4

57 20.7 17.0 25.4





#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

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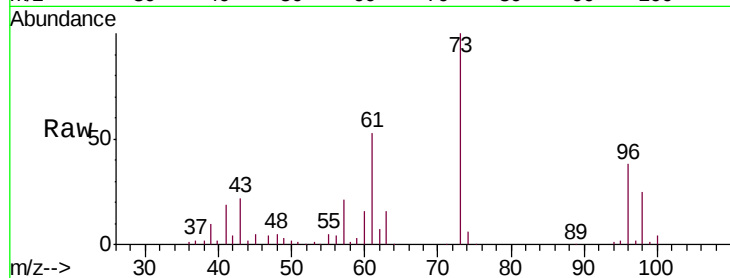
Tgt Ion: 96 Resp: 25971

Ion Ratio Lower Upper

96 100

61 138.6 95.6 177.6

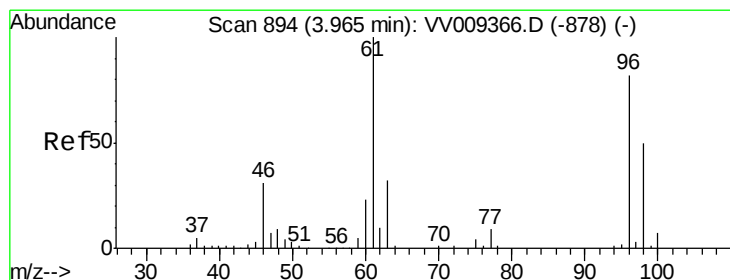
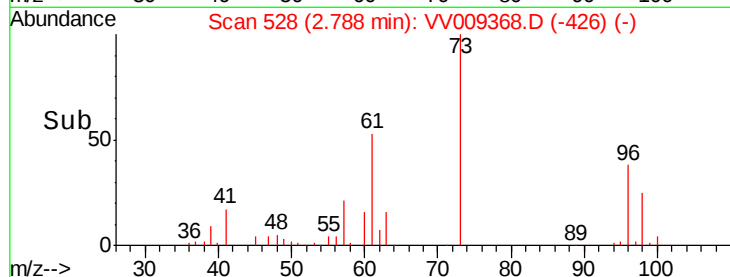
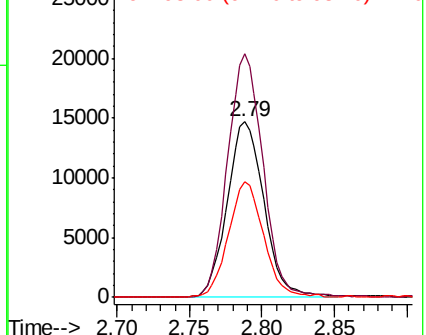
98 65.9 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#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

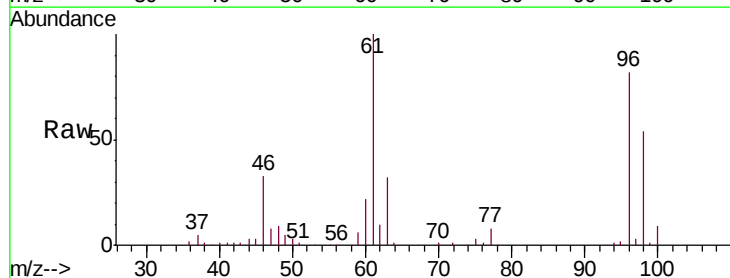
Tgt Ion: 96 Resp: 69029

Ion Ratio Lower Upper

96 100

61 121.5 87.2 161.9

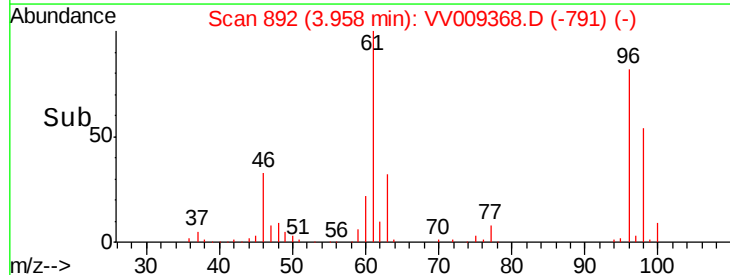
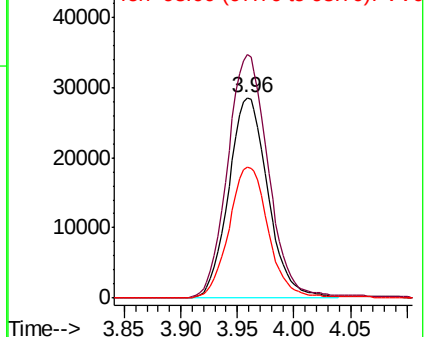
98 65.5 44.6 82.8

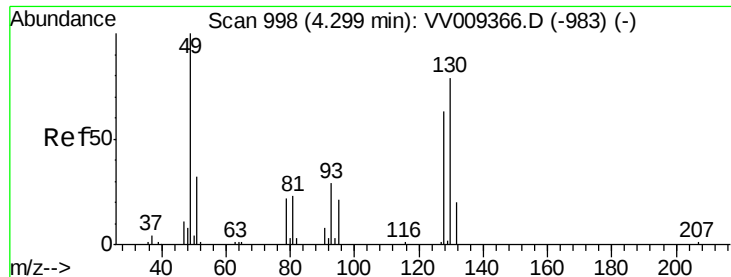


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#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 :

MSVOA_V

ClientSampleId :

DB5Z1

Tgt Ion:128 Resp: 18874

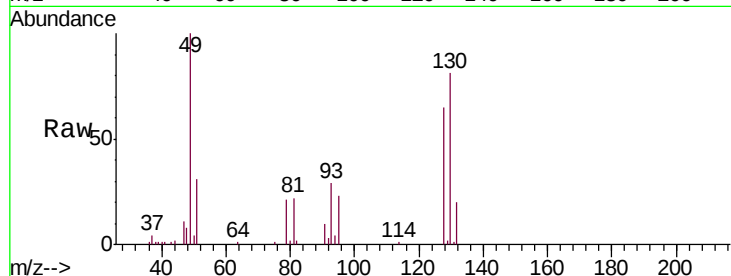
Ion Ratio Lower Upper

128 100

49 154.4 115.5 214.5

130 124.6 92.6 172.0

51 47.3 43.4 65.2

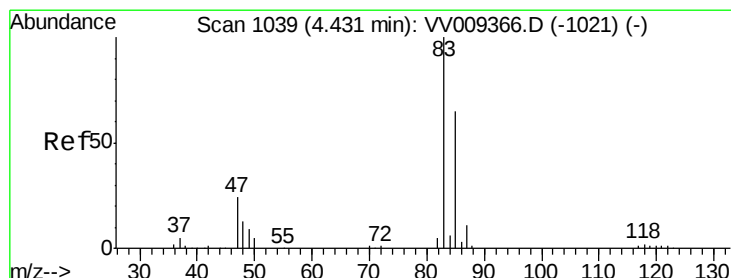
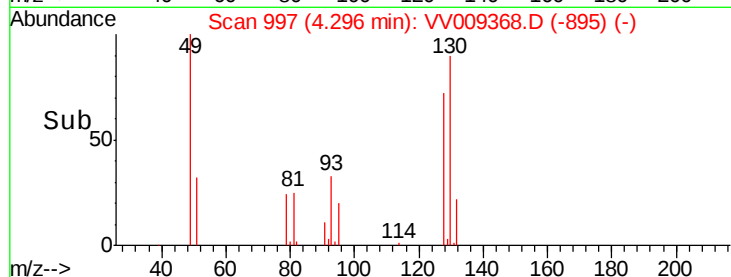
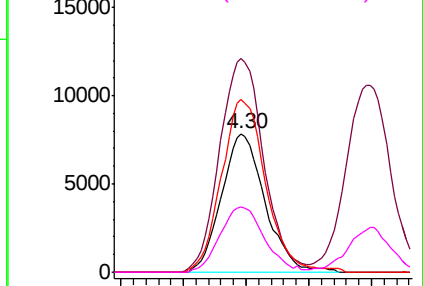


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VV0

Ion 130.00 (129.70 to 130.70): V

Ion 51.00 (50.70 to 51.70): VV0



#25

Chloroform

Concen: 0.594 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VV009368.D

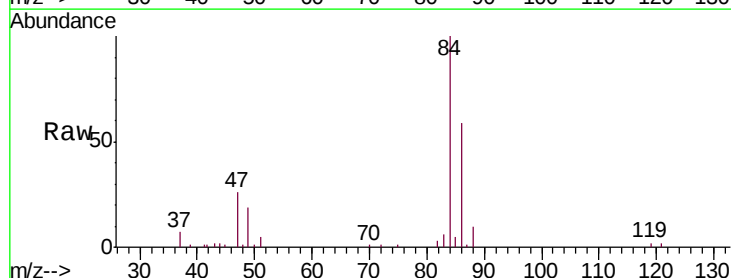
Acq: 26 Feb 2019 15:22

Tgt Ion: 83 Resp: 2729

Ion Ratio Lower Upper

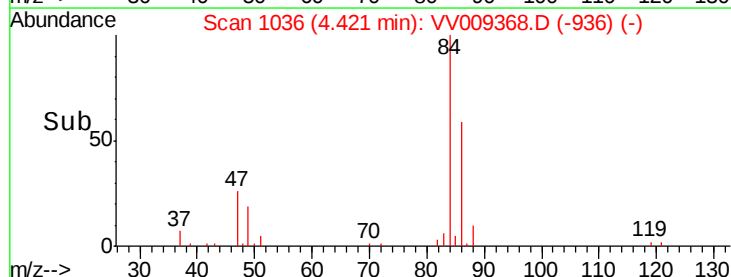
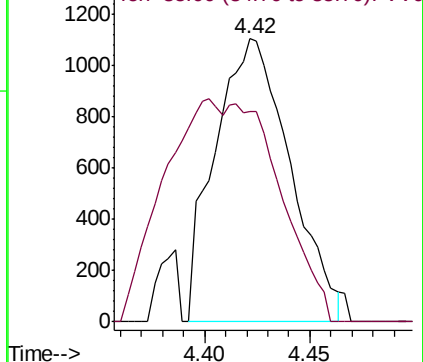
83 100

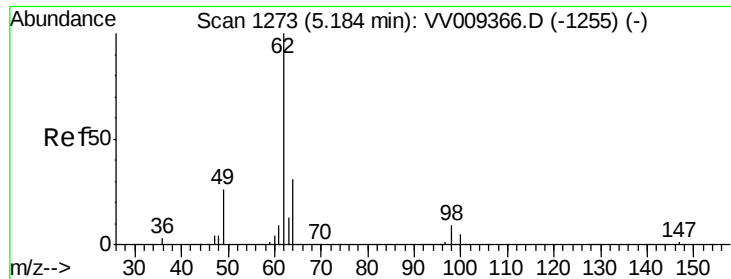
85 0.0 45.4 84.2#



Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

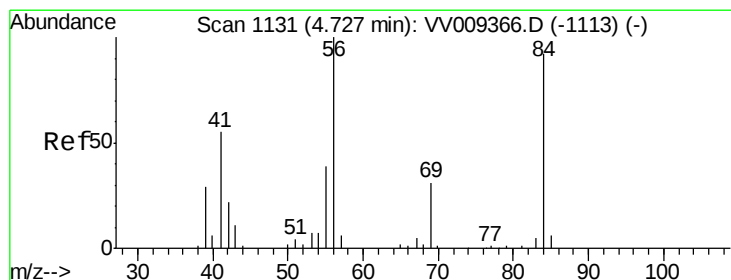
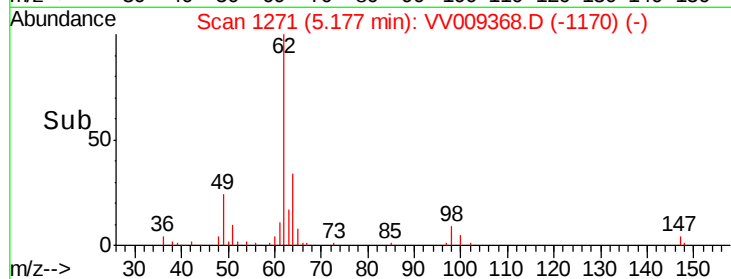
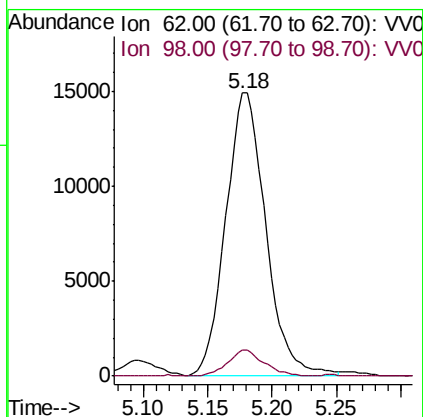
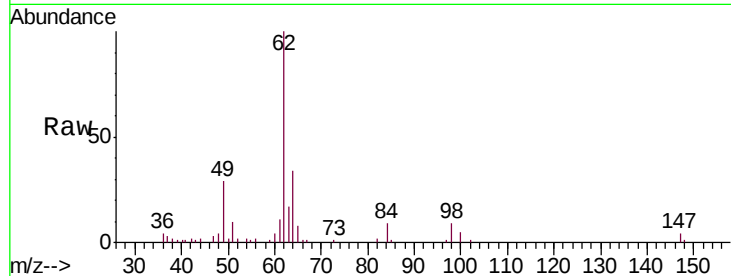




#27
 1,2-Dichloroethane
 Concen: 10.159 ug/L
 RT: 5.18 min Scan# 1271
 Delta R.T. -0.01 min
 Lab File: VV009368.D
 Acq: 26 Feb 2019 15:22

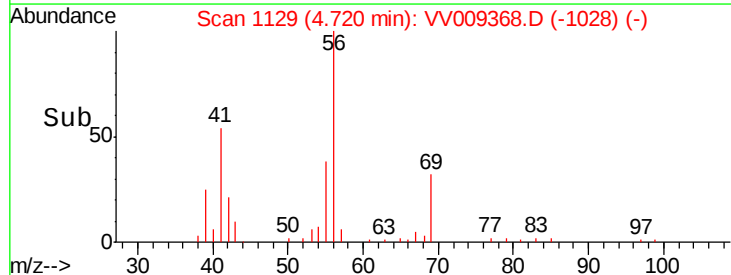
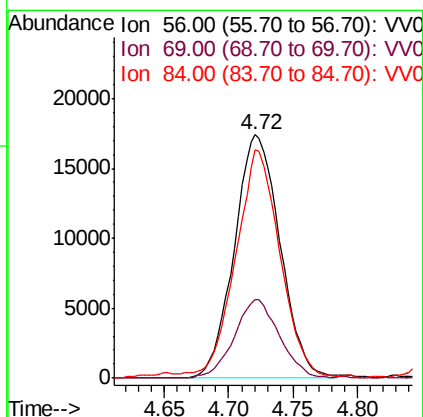
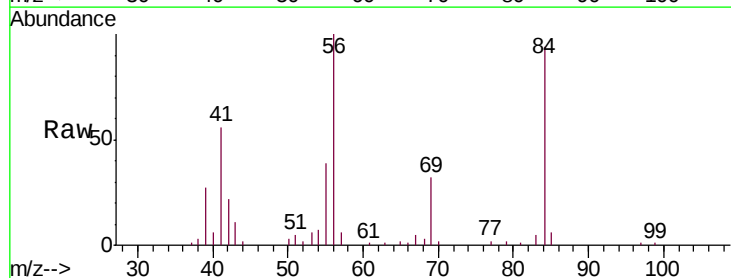
Instrument :
 MSVOA_V
 ClientSampleId :
 DB5Z1

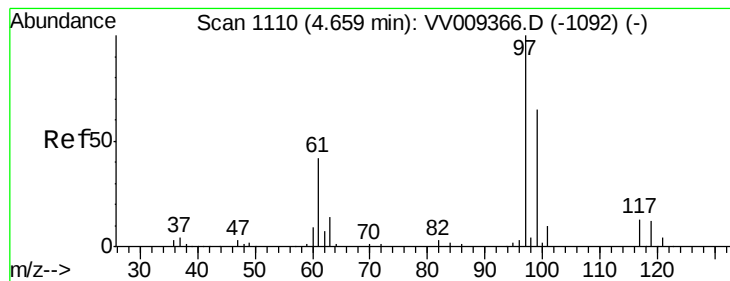
Tgt Ion: 62 Resp: 32305
 Ion Ratio Lower Upper
 62 100
 98 9.3 6.6 10.0



#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

Tgt Ion: 56 Resp: 43070
 Ion Ratio Lower Upper
 56 100
 69 31.5 24.9 37.3
 84 90.6 71.9 107.9





#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

Instrument :

MSVOA_V

ClientSampleId :

DB5Z1

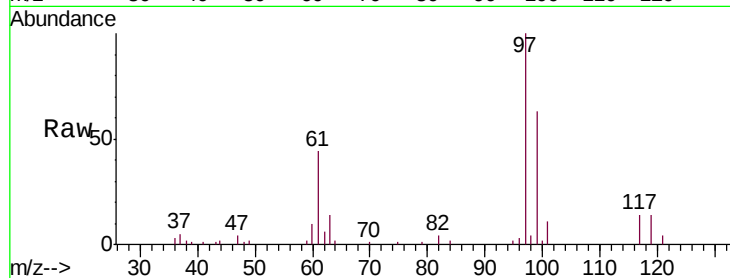
Tgt Ion: 97 Resp: 42438

Ion Ratio Lower Upper

97 100

99 66.6 51.0 76.4

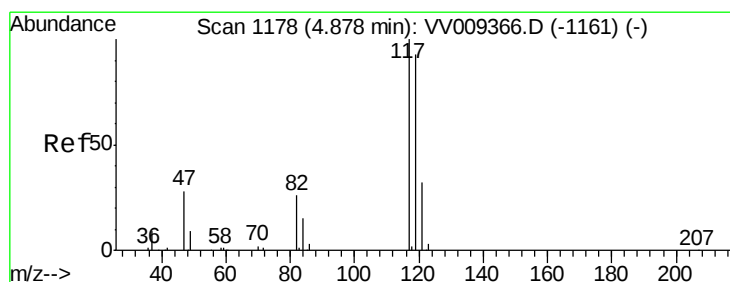
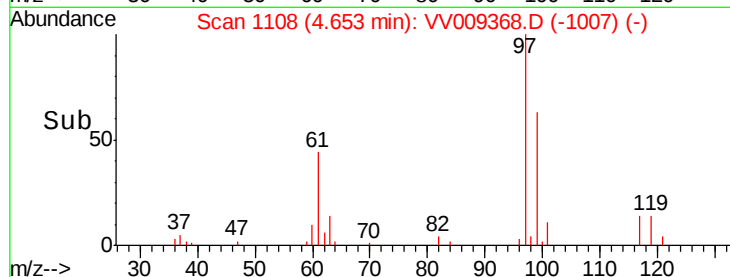
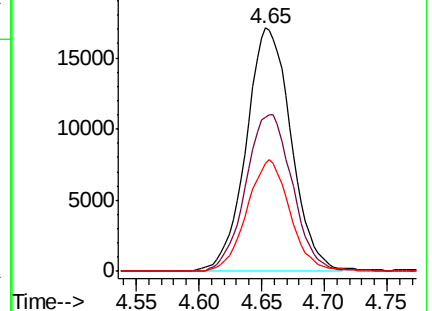
61 43.9 36.1 54.1



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

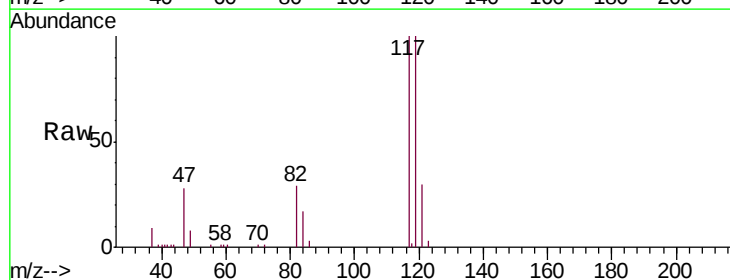
Acq: 26 Feb 2019 15:22

Tgt Ion: 117 Resp: 42339

Ion Ratio Lower Upper

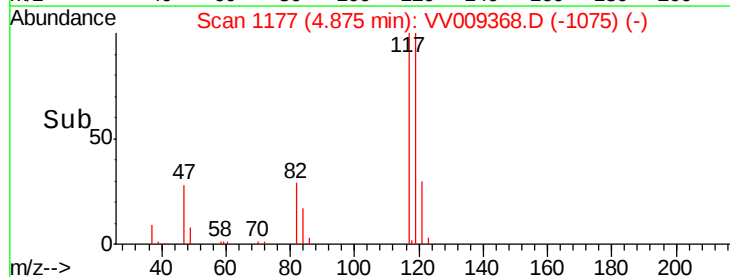
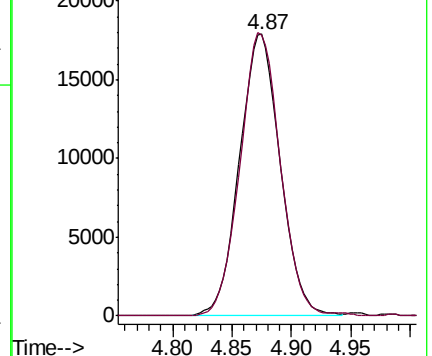
117 100

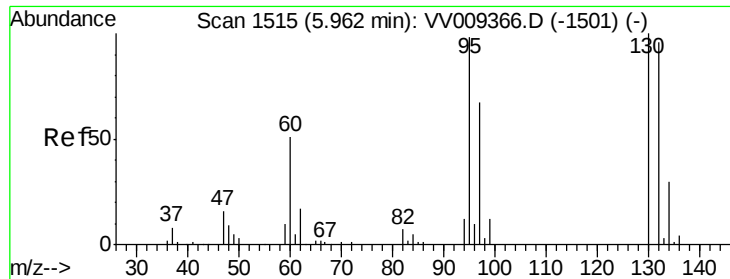
119 99.2 76.5 114.7



Abundance Ion 117.00 (116.70 to 117.70): VV009366.D (-1161) (-)

Ion 119.00 (118.70 to 119.70): VV009366.D (-1161) (-)





#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

Instrument :

MSVOA_V

ClientSampled :

DB5Z1

Tgt Ion: 95 Resp: 106484

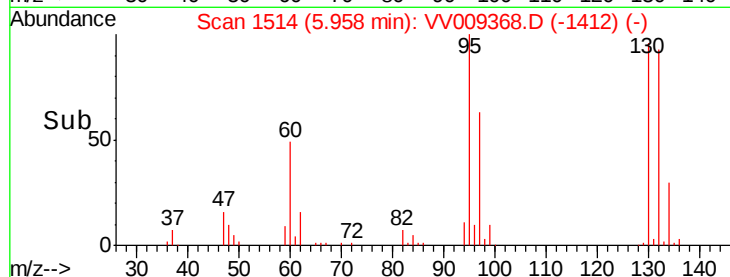
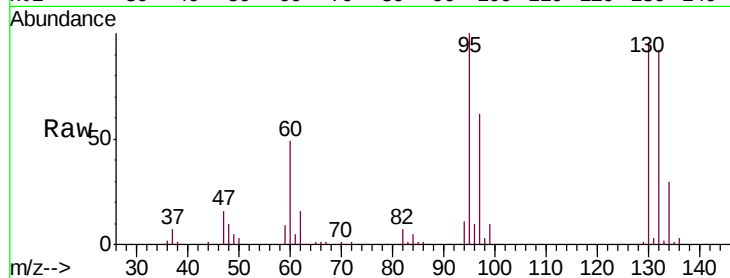
Ion Ratio Lower Upper

95 100

97 64.4 44.3 82.3

132 94.8 64.4 119.6

130 99.1 69.4 128.8

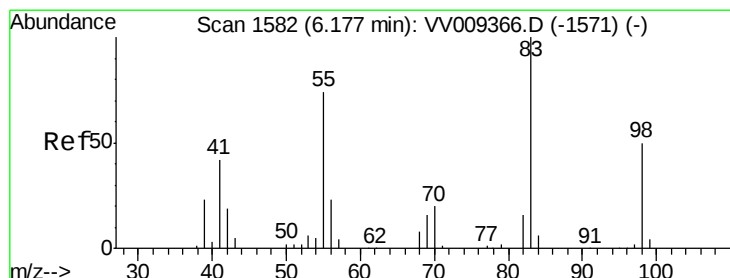
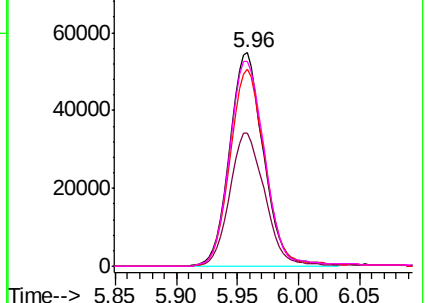


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#36

Methylcyclohexane

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

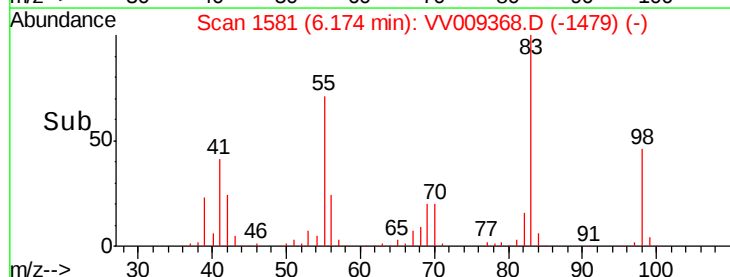
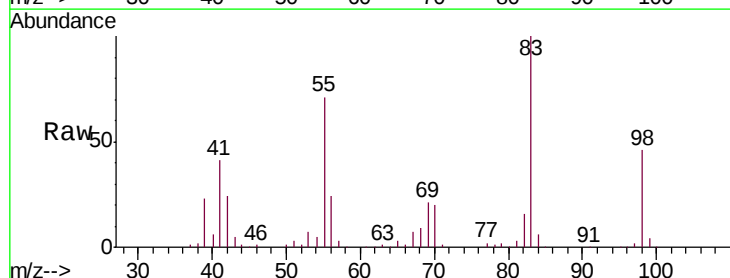
Tgt Ion: 83 Resp: 116249

Ion Ratio Lower Upper

83 100

55 71.4 58.8 88.2

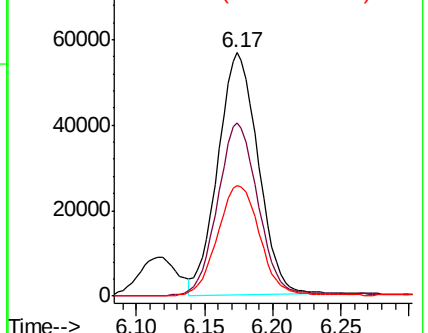
98 47.5 37.7 56.5

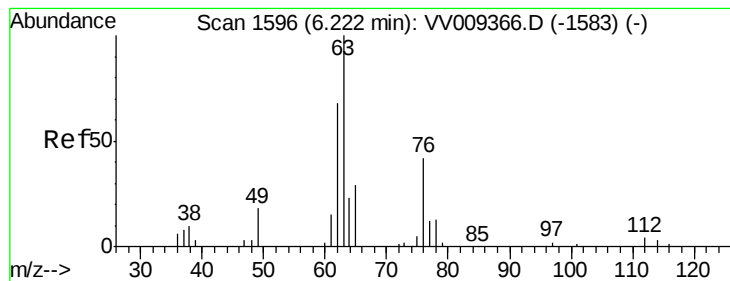


Abundance Ion 83.00 (82.70 to 83.70): VV0

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

Instrument :

MSVOA_V

ClientSampleId :

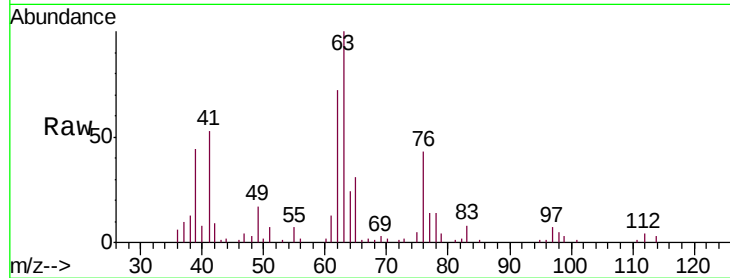
DB5Z1

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): VV009366.D (-1583) (-)

Ion 112.00 (111.70 to 112.70): VV009366.D (-1583) (-)

6.22

15000

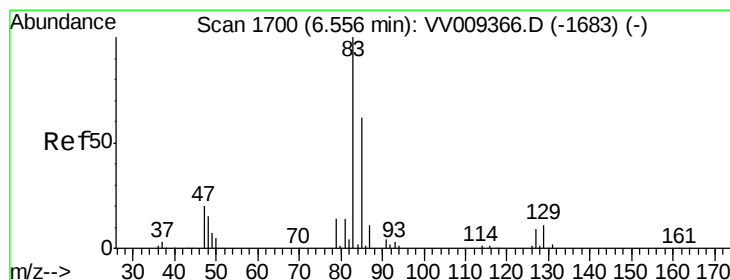
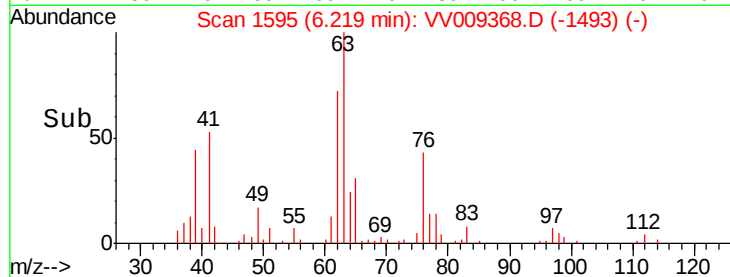
10000

5000

0

6.15 6.20 6.25

Time-->



#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

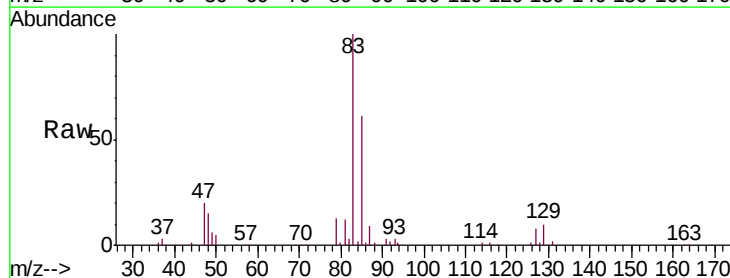
Tgt Ion: 83 Resp: 70248

Ion Ratio Lower Upper

83 100

85 61.2 46.5 86.3

127 8.0 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VV009366.D (-1683) (-)

Ion 85.00 (84.70 to 85.70): VV009366.D (-1683) (-)

Ion 127.00 (126.70 to 127.70): VV009366.D (-1683) (-)

6.55

50000

40000

30000

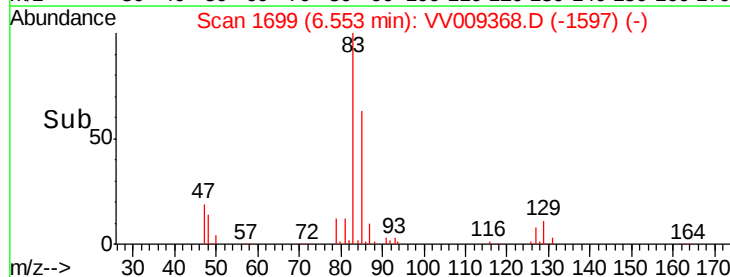
20000

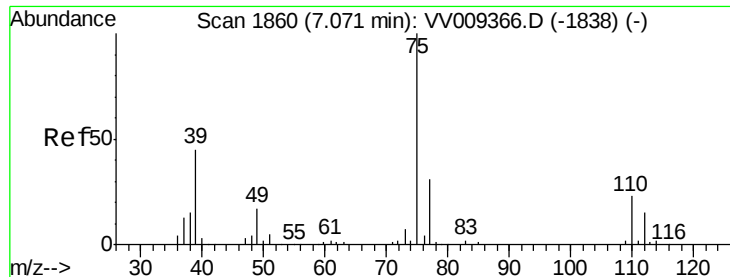
10000

0

6.45 6.50 6.55 6.60 6.65

Time-->



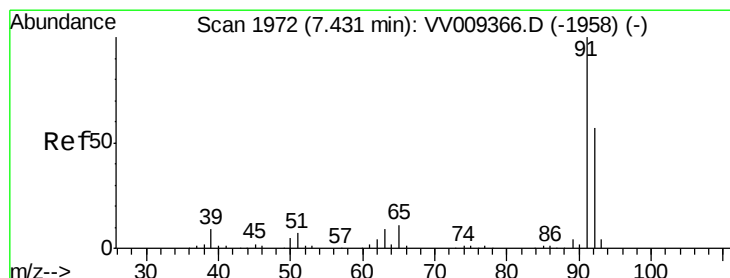
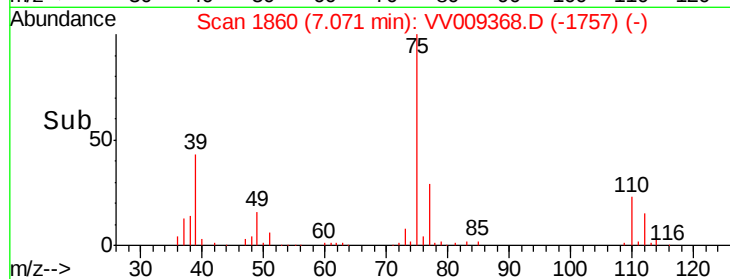
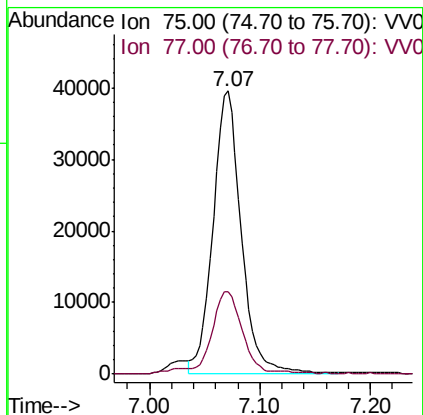
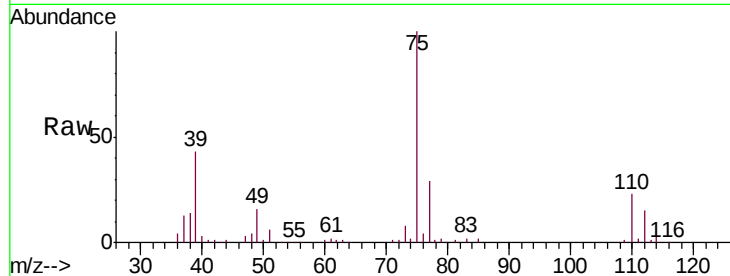


#42

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

Instrument :
MSVOA_V
ClientSampleId :
DB5Z1

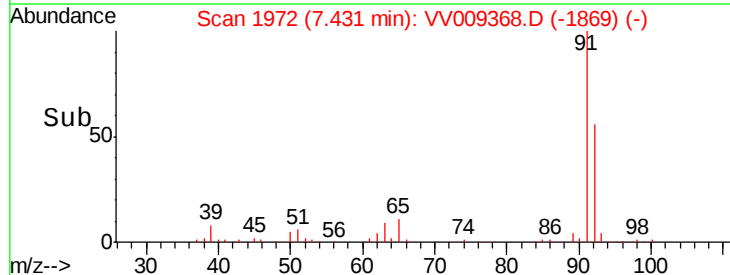
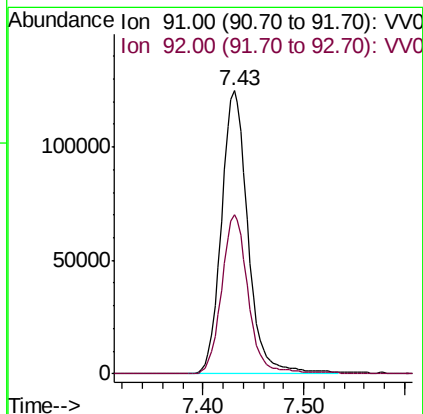
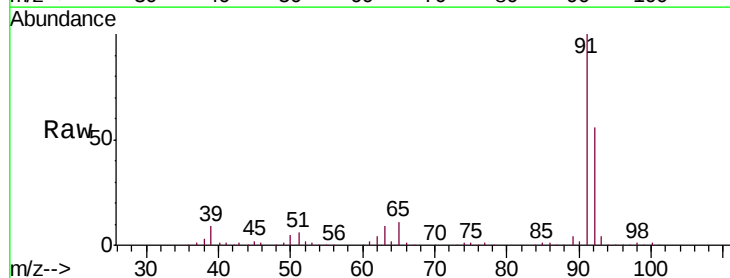
Tgt Ion: 75 Resp: 69909
Ion Ratio Lower Upper
75 100
77 29.2 21.4 39.8

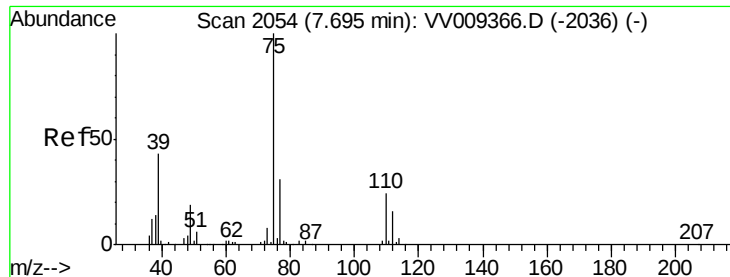


#44

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

Tgt Ion: 91 Resp: 230155
Ion Ratio Lower Upper
91 100
92 56.3 39.6 73.6





#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

Instrument :

MSVOA_V

ClientSampleId :

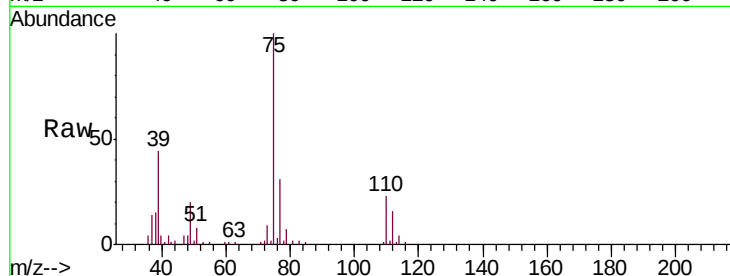
DB5Z1

Tgt Ion: 75 Resp: 29551

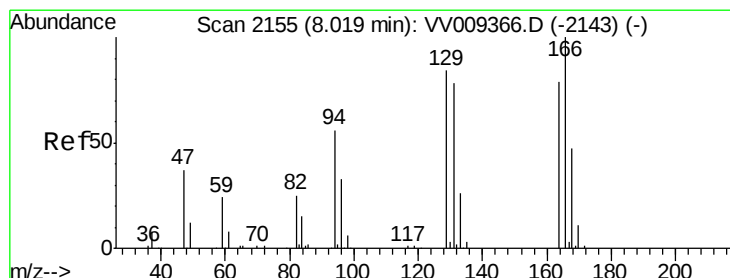
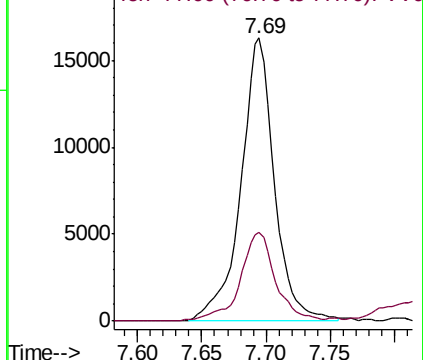
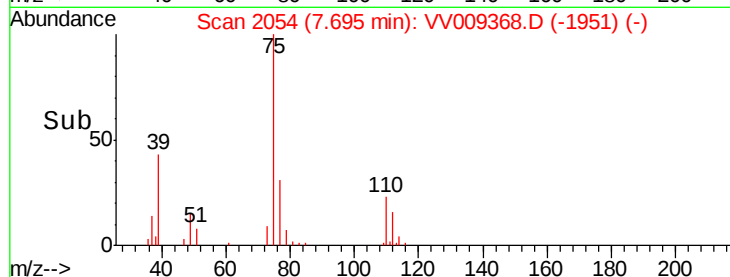
Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VV009368.D (-1951) (-)



#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

Tgt Ion: 164 Resp: 79196

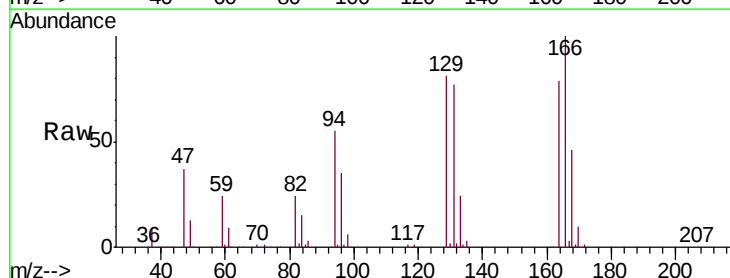
Ion Ratio Lower Upper

164 100

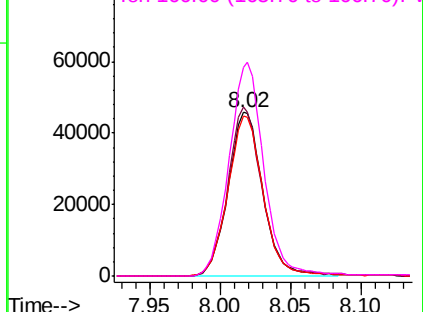
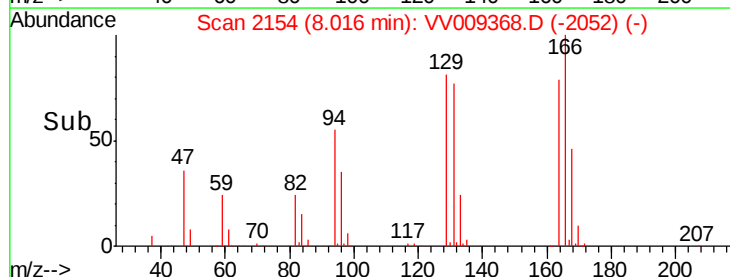
129 102.9 67.7 125.7

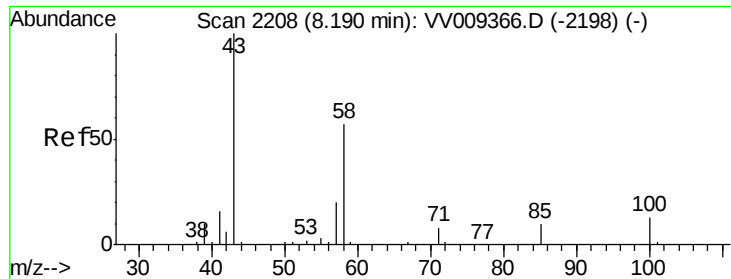
131 97.7 67.5 125.3

166 127.3 81.6 151.6



Abundance Ion 164.00 (163.70 to 164.70): VV009368.D (-2052) (-)

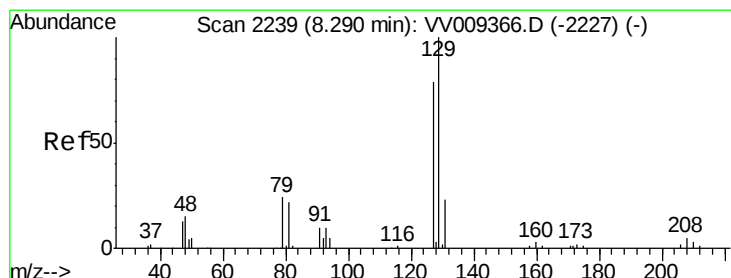
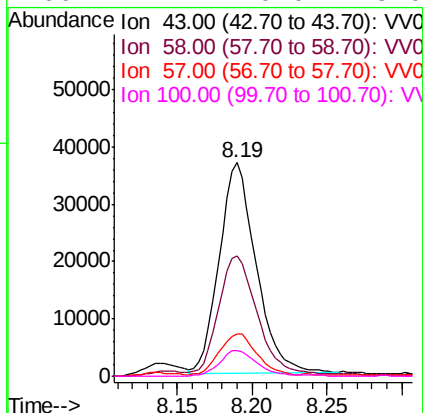
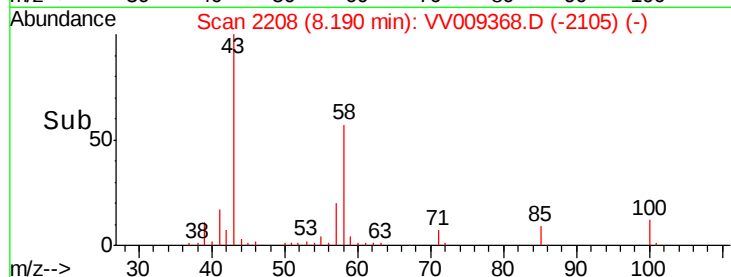
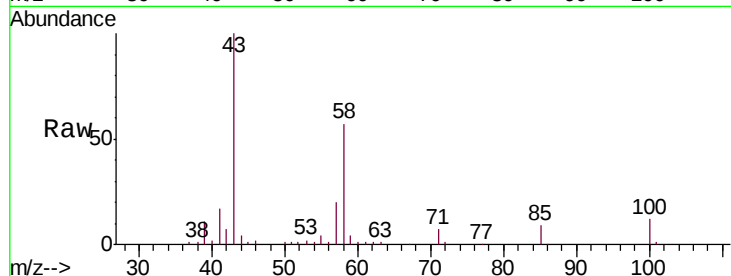




#49
2-Hexanone
Concen: 42.613 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV009368.D
Acq: 26 Feb 2019 15:22

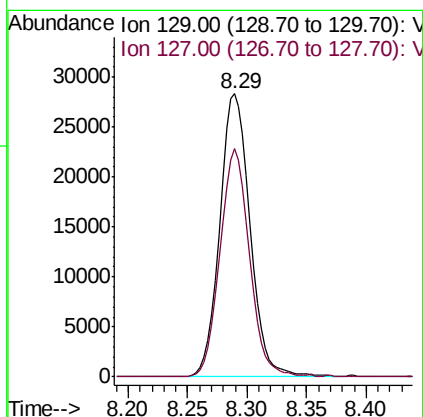
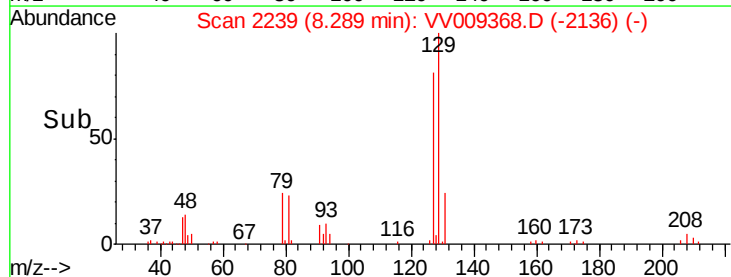
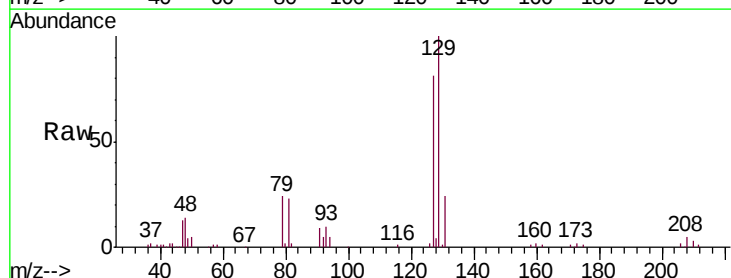
Instrument :
MSVOA_V
ClientSampleId :
DB5Z1

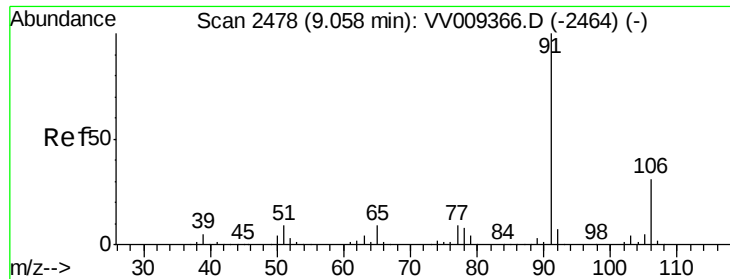
Tgt Ion: 43 Resp: 63240
Ion Ratio Lower Upper
43 100
58 58.9 46.3 69.5
57 19.6 15.8 23.6
100 12.7 10.0 15.0



#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

Tgt 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

Instrument :

MSVOA_V

ClientSampled :

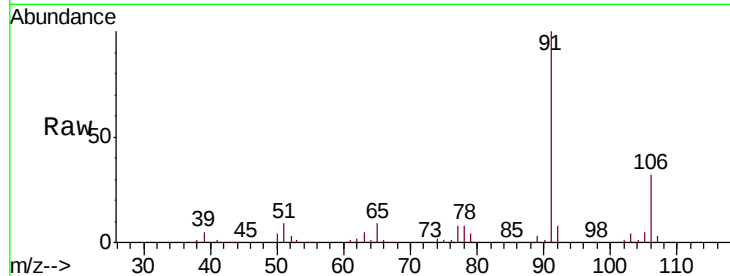
DB5Z1

Tgt Ion: 91 Resp: 189577

Ion Ratio Lower Upper

91 100

106 31.6 23.0 42.6



Abundance Ion 91.00 (90.70 to 91.70): VV009368.D (-2477) (-)

Ion 106.00 (105.70 to 106.70): VV009368.D (-2477) (-)

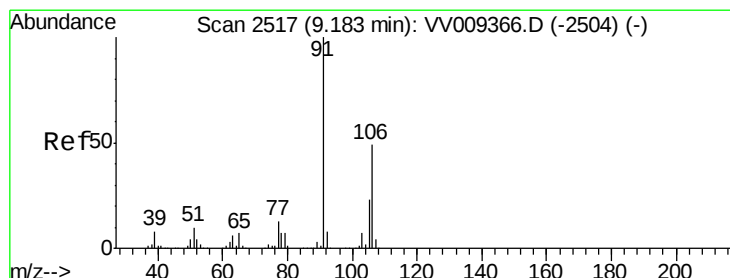
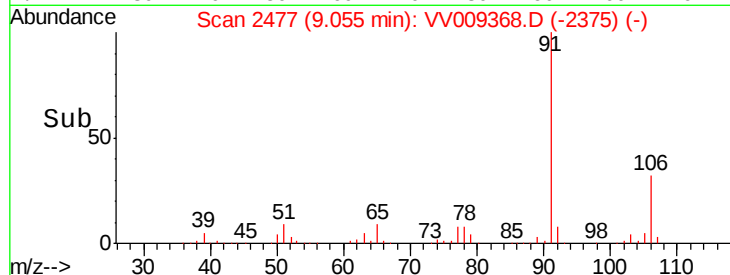
9.05

100000

50000

0

Time-->



#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

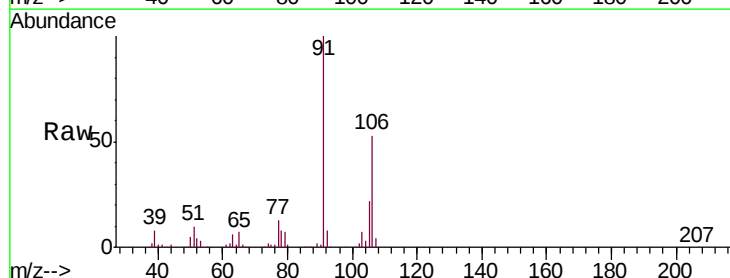
Acq: 26 Feb 2019 15:22

Tgt 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): VV009368.D (-2517) (-)

Ion 91.00 (90.70 to 91.70): VV009368.D (-2517) (-)

9.19

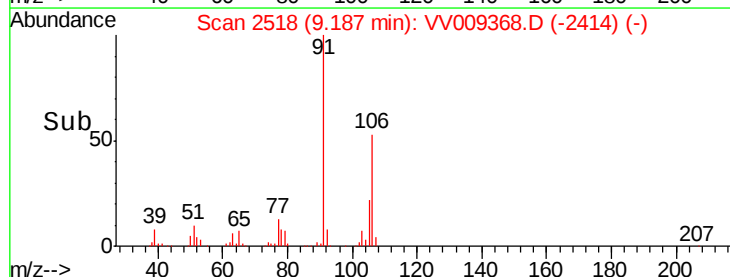
60000

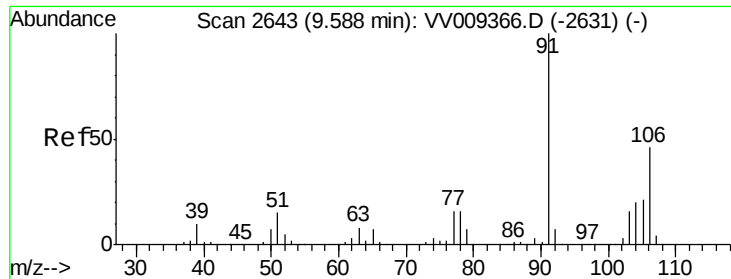
40000

20000

0

Time-->





#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

Instrument :

MSVOA_V

ClientSampleId :

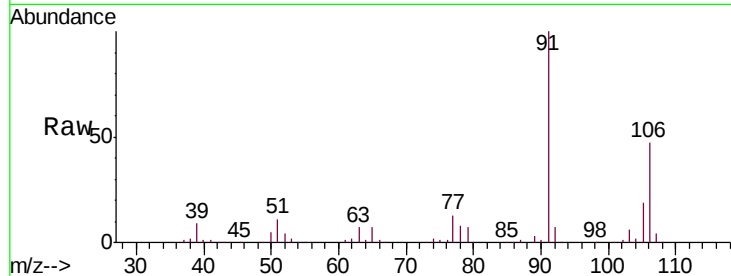
DB5Z1

Tgt Ion:106 Resp: 58132

Ion Ratio Lower Upper

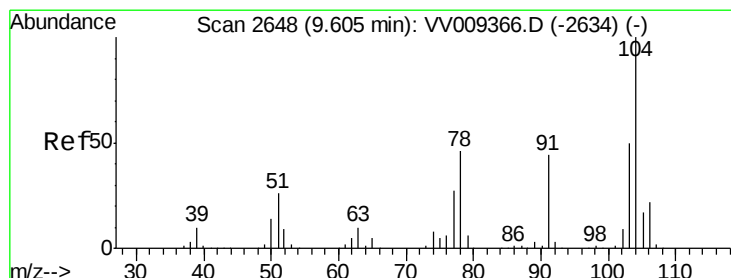
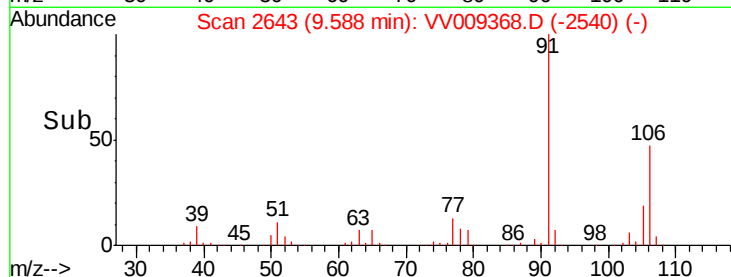
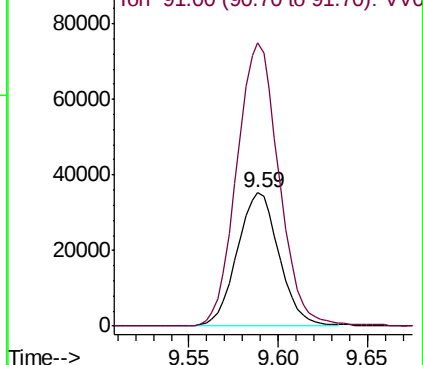
106 100

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



#56

Styrene

Concen: 0.395 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. -0.02 min

Lab File: VV009368.D

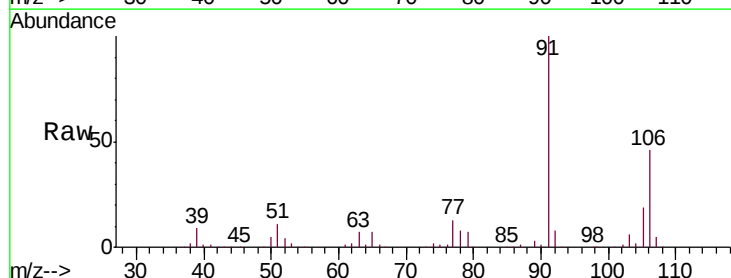
Acq: 26 Feb 2019 15:22

Tgt Ion:104 Resp: 3135

Ion Ratio Lower Upper

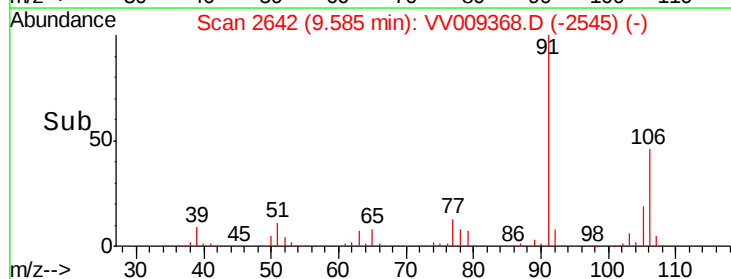
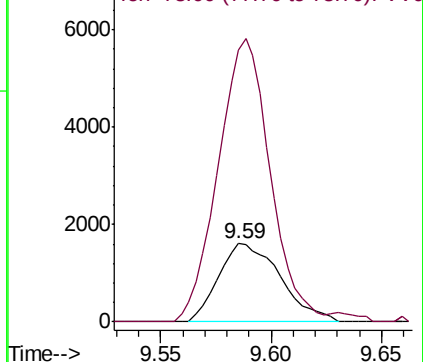
104 100

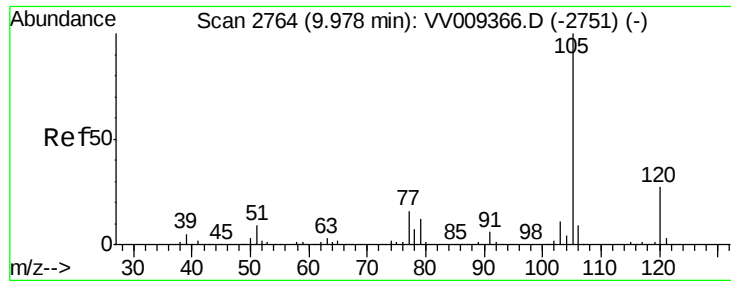
78 349.1 32.7 60.7#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): 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

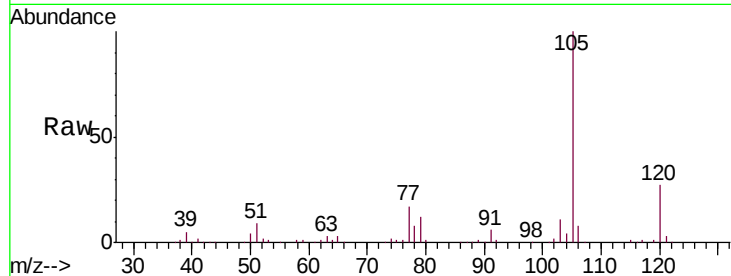
Tgt Ion: 105 Resp: 156054

Ion Ratio Lower Upper

105 100

120 26.8 21.4 32.2

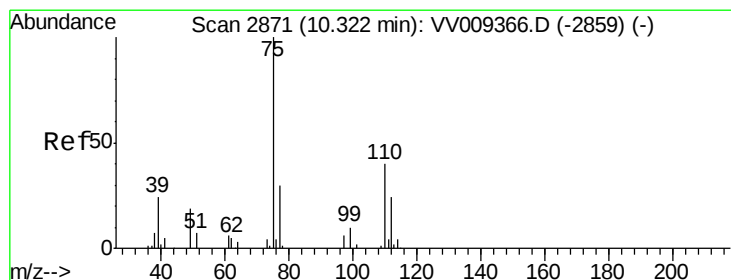
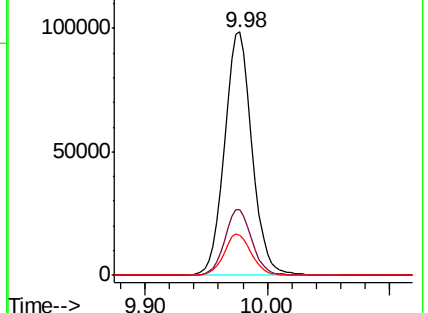
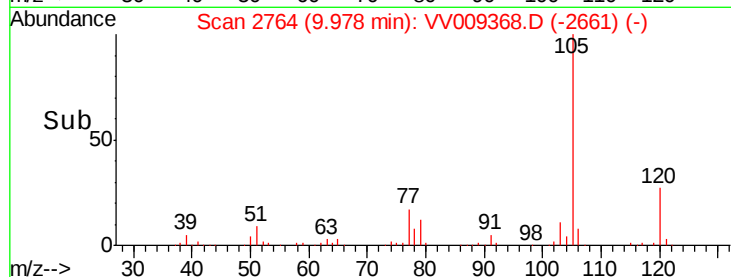
77 16.9 12.8 19.2



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



#59

1,2,3-Trichloropropane

Concen: 6.080 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.97 min

Lab File: VV009368.D

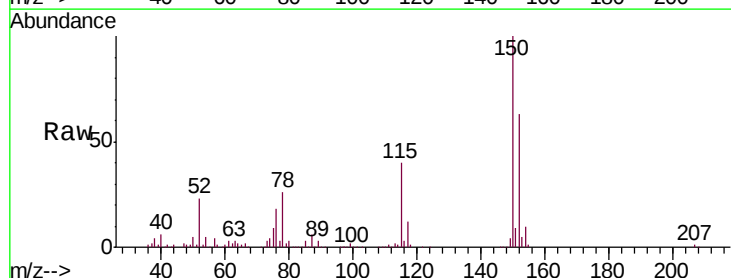
Acq: 26 Feb 2019 15:22

Tgt Ion: 75 Resp: 12093

Ion Ratio Lower Upper

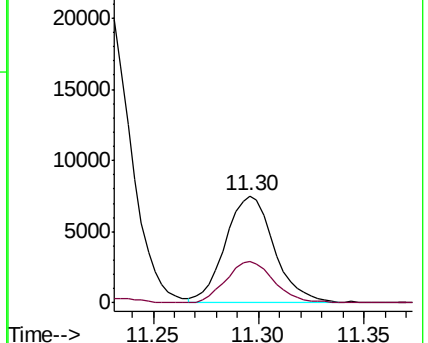
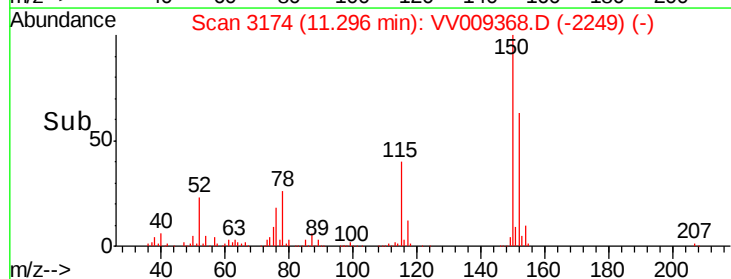
75 100

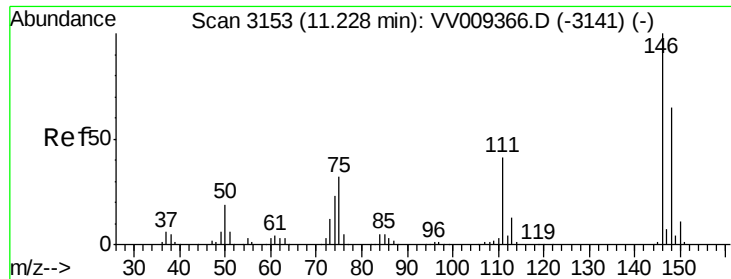
77 38.0 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

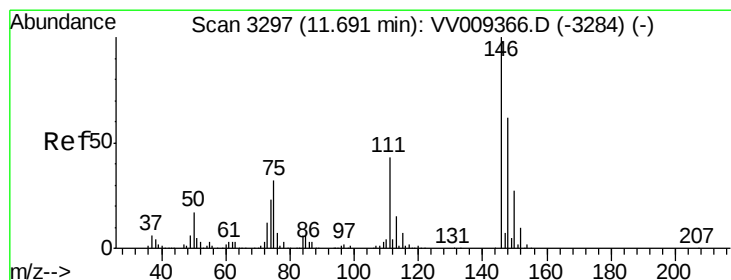
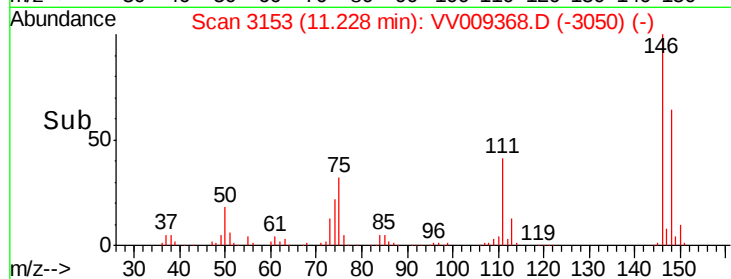
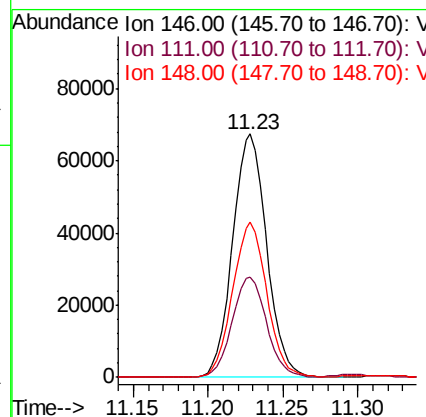
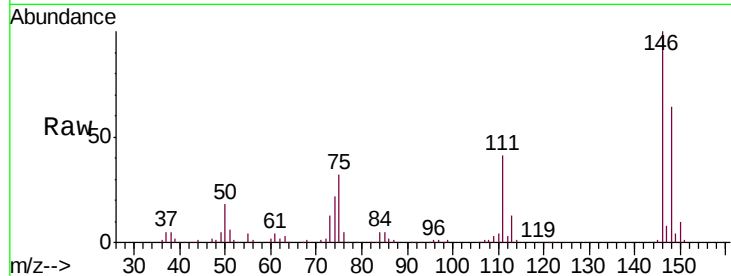




#63
 1,3-Dichlorobenzene
 Concen: 20.154 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.00 min
 Lab File: VV009368.D
 Acq: 26 Feb 2019 15:22

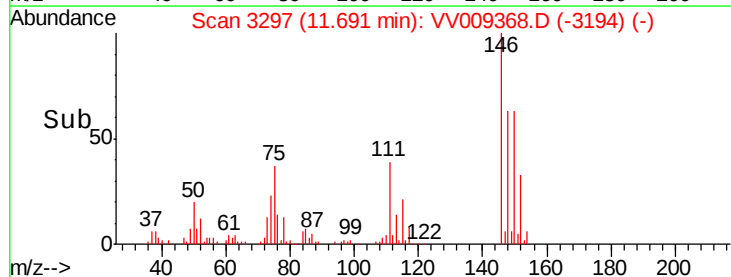
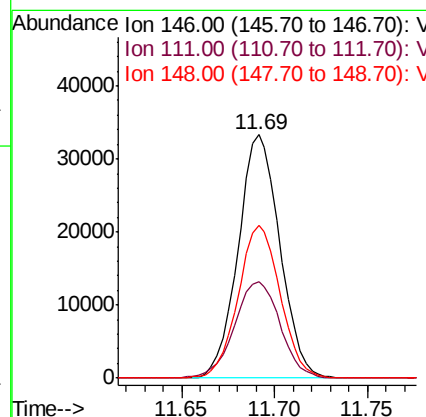
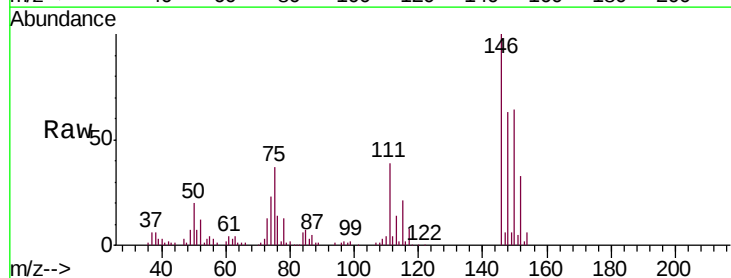
Instrument :
 MSVOA_V
 ClientSampleId :
 DB5Z1

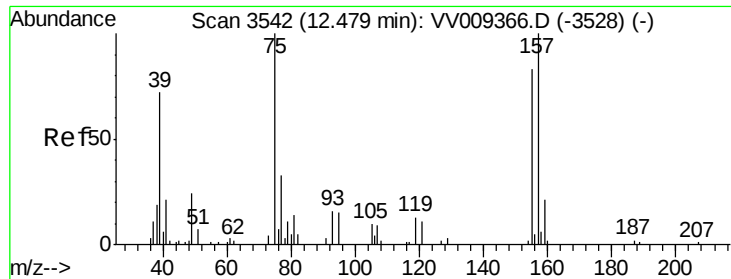
Tgt Ion:146 Resp: 106861
 Ion Ratio Lower Upper
 146 100
 111 41.3 29.6 55.0
 148 63.6 44.8 83.2



#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

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

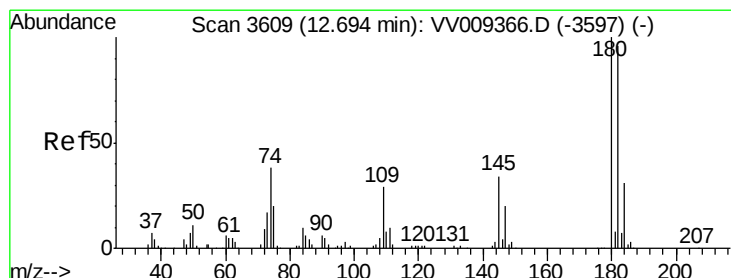
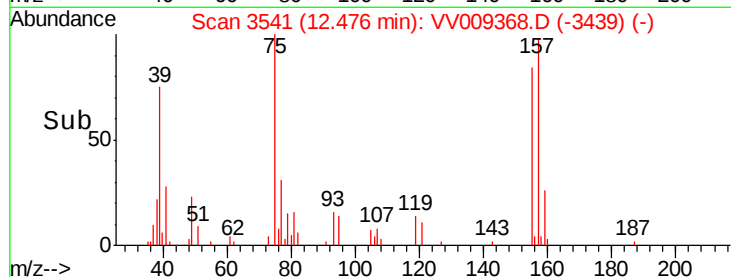
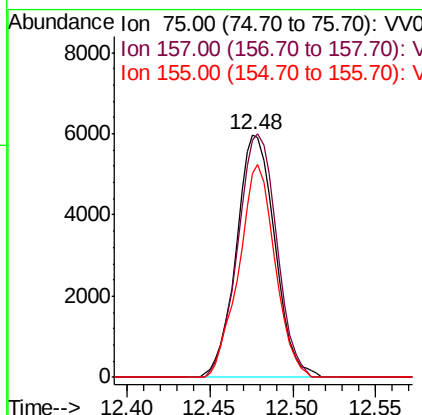
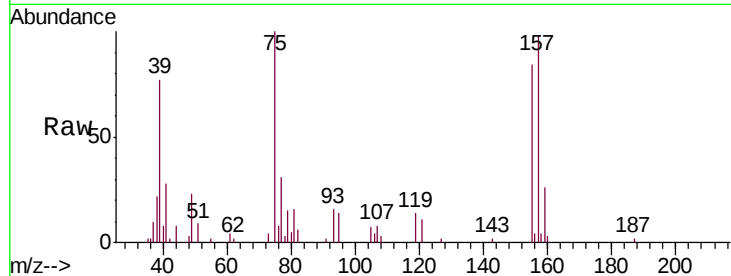




#66
 1,2-Dibromo-3-chloropropane
 Concen: 19.616 ug/L
 RT: 12.48 min Scan# 3541
 Delta R.T. -0.00 min
 Lab File: VV009368.D
 Acq: 26 Feb 2019 15:22

Instrument :
 MSVOA_V
 ClientSampleId :
 DB5Z1

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



#67
 1,3,5-Trichlorobenzene
 Concen: 25.002 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. -0.00 min
 Lab File: VV009368.D
 Acq: 26 Feb 2019 15:22

Tgt Ion: 180 Resp: 93604
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.4 113.2
 184 29.4 23.9 35.9
 145 32.1 26.0 39.0

