

Data File : VV007854.D
Acq On : 25 Sep 2018 14:15
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV69

Quant Time: Sep 26 04:48:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:43:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	212674	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	210116	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	117762	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67571	50.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.38%
7) Chloroethane-d5	1.59	69	57527	49.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.94%
11) 1,1-Dichloroethene-d2	2.14	63	141560	49.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.66%
21) 2-Butanone-d5	3.95	46	97181	108.16	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.16%
24) Chloroform-d	4.41	84	141079	50.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.90%
26) 1,2-Dichloroethane-d4	5.09	65	98266	49.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.52%
32) Benzene-d6	5.10	84	281697	50.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.12%
36) 1,2-Dichloropropane-d6	6.12	67	87835	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.68%
41) Toluene-d8	7.36	98	288970	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%
43) trans-1,3-Dichloropropene-	7.67	79	44428	52.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	105.92%
47) 2-Hexanone-d5	8.14	63	81284	109.23	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.23%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	130159	50.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.08%
64) 1,2-Dichlorobenzene-d4	11.68	152	132254	50.52	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.04%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	80296	52.274 ug/L	99
3) Chloromethane	1.26	50	72487	49.966 ug/L	100
5) Vinyl chloride	1.33	62	76894	49.383 ug/L	99
6) Bromomethane	1.54	94	44733	51.877 ug/L	99
8) Chloroethane	1.60	64	46460	47.836 ug/L	98
9) Trichlorofluoromethane	1.78	101	125847	48.235 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	71534	49.059 ug/L	99
12) 1,1-Dichloroethene	2.15	96	64594	49.364 ug/L	98
13) Acetone	2.19	43	97409	89.990 ug/L	100
14) Carbon disulfide	2.32	76	175795	51.494 ug/L	99
15) Methyl Acetate	2.46	43	76316	48.060 ug/L	99
16) Methylene chloride	2.54	84	69399	47.928 ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	69285	49.630 ug/L	99
18) Methyl tert-butyl Ether	2.81	73	209440	48.151 ug/L	100
19) 1,1-Dichloroethane	3.23	63	114649	47.856 ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	76002	50.245 ug/L	97
22) 2-Butanone	4.03	43	115632	93.223 ug/L	100

Data File : VV007854.D
Acq On : 25 Sep 2018 14:15
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV69

Quant Time: Sep 26 04:48:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:43:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	39618	50.341	ug/L	97
25) Chloroform	4.43	83	136609	48.044	ug/L	100
27) 1,2-Dichloroethane	5.19	62	108824	48.290	ug/L	100
29) Cyclohexane	4.73	56	113281	50.414	ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	116887	49.116	ug/L	100
31) Carbon tetrachloride	4.88	117	104882	49.883	ug/L	98
33) Benzene	5.15	78	282294	49.962	ug/L	100
34) Trichloroethene	5.96	95	77309	49.326	ug/L	98
35) Methylcyclohexane	6.18	83	121247	49.310	ug/L	96
37) 1,2-Dichloropropane	6.23	63	73777	48.962	ug/L	100
38) Bromodichloromethane	6.56	83	96768	50.742	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	111444	50.945	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	220458	103.532	ug/L	97
42) Toluene	7.43	91	318872	50.090	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	112237	51.622	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	73612	48.886	ug/L	99
46) Tetrachloroethene	8.02	164	74549	49.500	ug/L	98
48) 2-Hexanone	8.19	43	176120	104.649	ug/L	98
49) Dibromochloromethane	8.30	129	82916	50.360	ug/L	98
50) 1,2-Dibromoethane	8.40	107	80220	49.546	ug/L	97
51) Chlorobenzene	8.93	112	217531	49.368	ug/L	99
52) Ethylbenzene	9.06	91	365549	50.835	ug/L	100
53) m,p-Xylene	9.19	106	140192	51.171	ug/L	96
54) o-xylene	9.59	106	135829	51.038	ug/L	97
55) Styrene	9.61	104	238852	52.398	ug/L	97
56) Isopropylbenzene	9.98	105	371553	51.222	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	122248	49.678	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	98453	49.081	ug/L	99
61) Bromoform	9.78	173	63256	50.937	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	189149	51.335	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	196754	50.250	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	191026	49.959	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	24916	49.804	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	158878	51.146	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	139074	53.063	ug/L	99
69) Naphthalene	13.56	128	363554	56.705	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	144044	54.280	ug/L	99

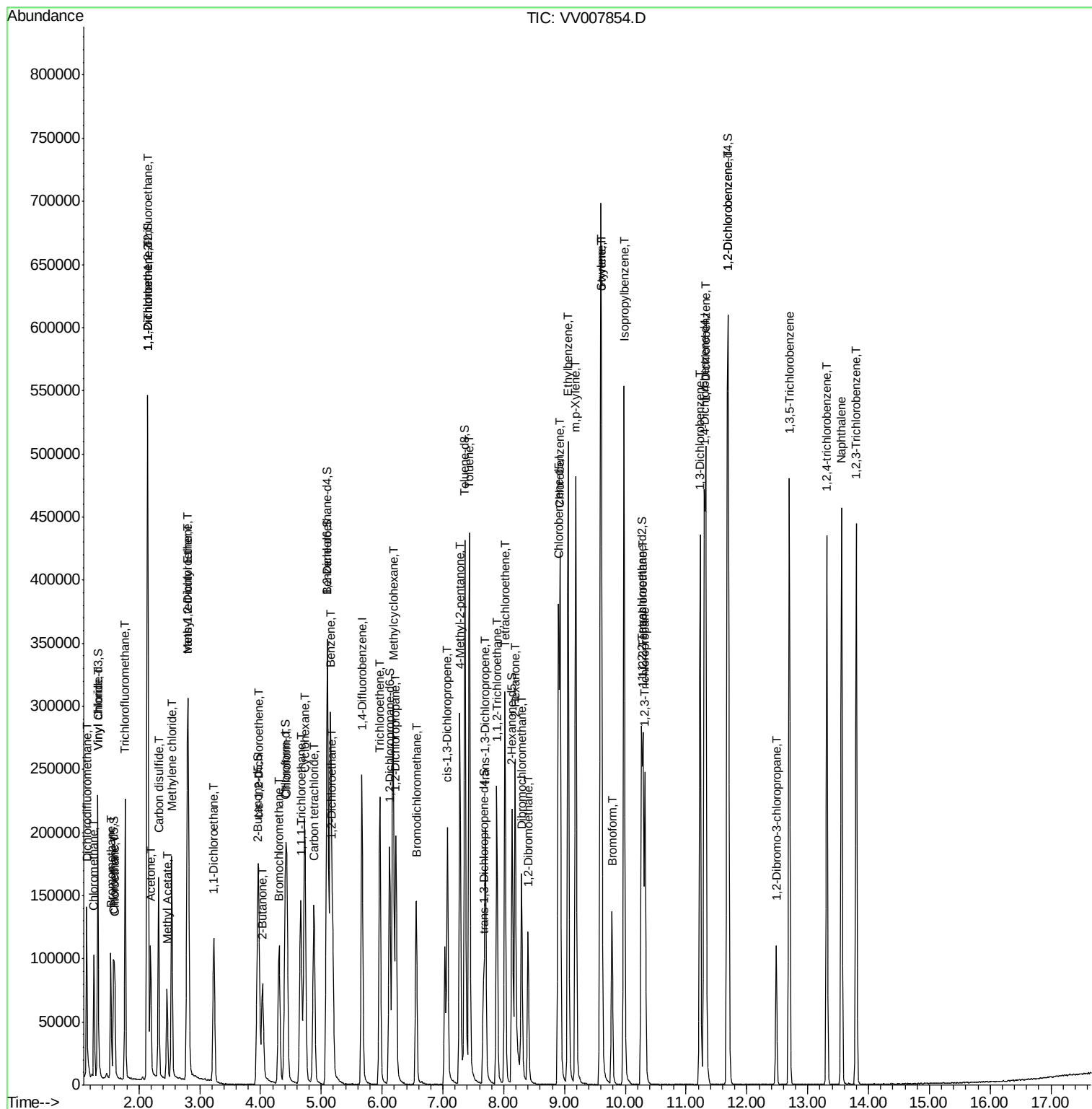
(#) = qualifier out of range (m) = manual integration (+) = signals summed

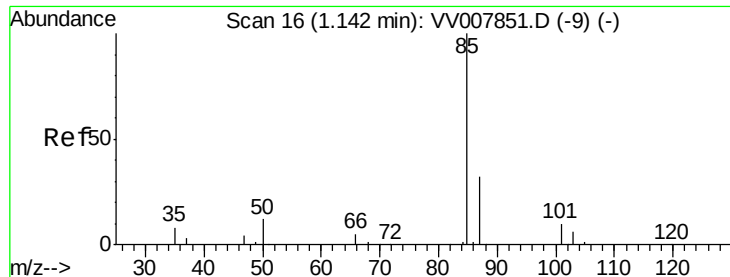
Data File : VV007854.D

```
Acq On       : 25 Sep 2018   14:15
Operator    : SY/MD
Sample      : VSTDICV050
Misc        : 5.0 mL/MSV0A_V/WATER
ALS Vial    : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_V
ClientSampleId :
VICV69

Quant Time: Sep 26 04:48:12 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:43:09 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 52.274 ug/L

RT: 1.14 min Scan# 16

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

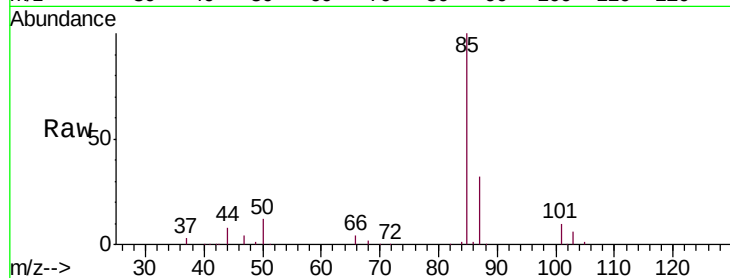
VICV69

Tgt Ion: 85 Resp: 80296

Ion Ratio Lower Upper

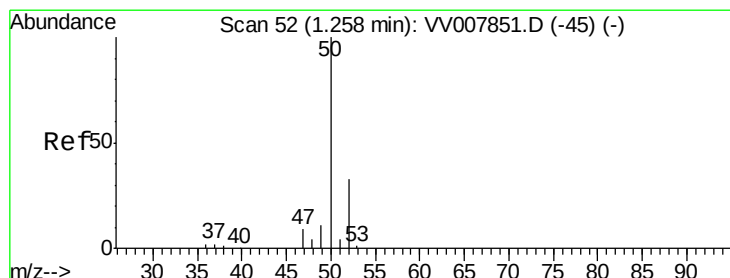
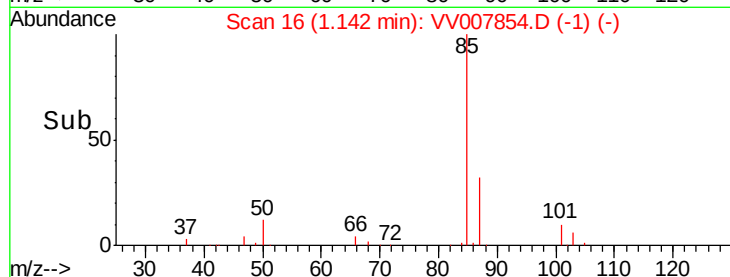
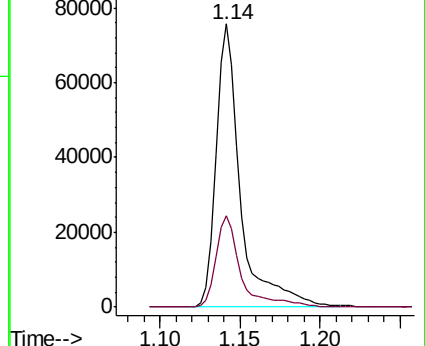
85 100

87 32.9 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VV007851.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VV007851.D (-9) (-)



#3

Chloromethane

Concen: 49.966 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

Lab File: VV007854.D

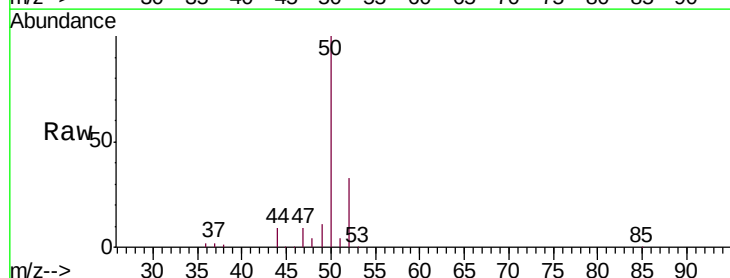
Acq: 25 Sep 2018 14:15

Tgt Ion: 50 Resp: 72487

Ion Ratio Lower Upper

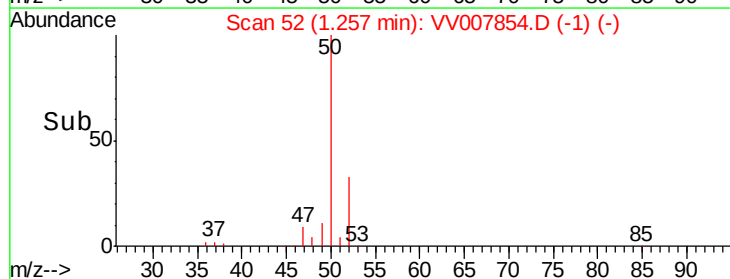
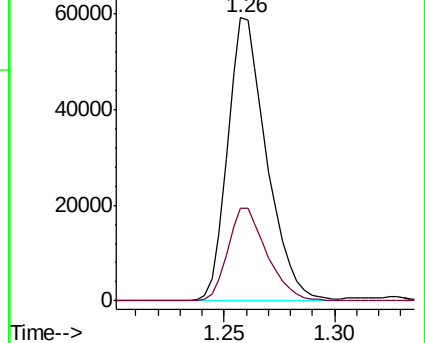
50 100

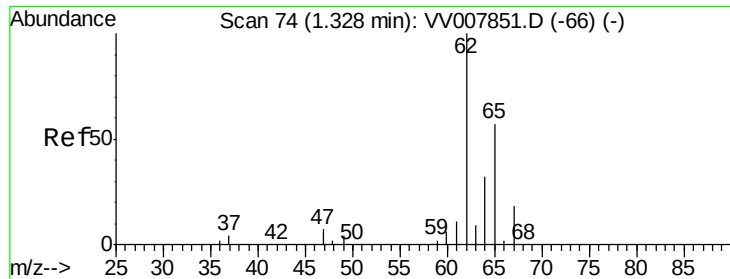
52 32.8 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VV007851.D (-45) (-)

Ion 52.00 (51.70 to 52.70): VV007851.D (-45) (-)





#5

Vinyl chloride

Concen: 49.383 ug/L

RT: 1.33 min Scan# 74

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

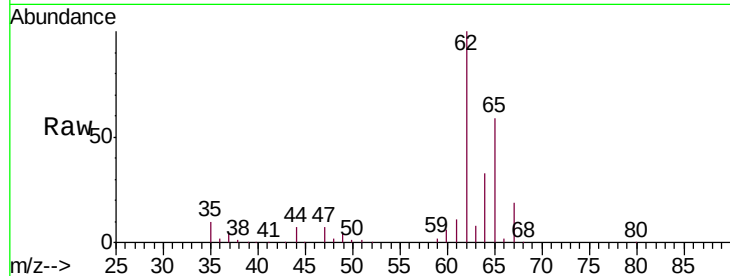
VICV69

Tgt Ion: 62 Resp: 76894

Ion Ratio Lower Upper

62 100

64 33.0 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV007851.D (-66) (-)

Ion 64.00 (63.70 to 64.70): VV007851.D (-66) (-)

1.33

80000

60000

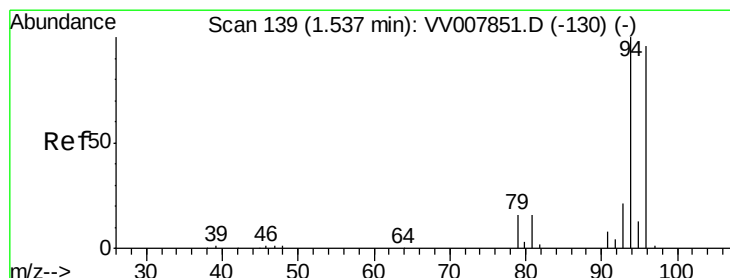
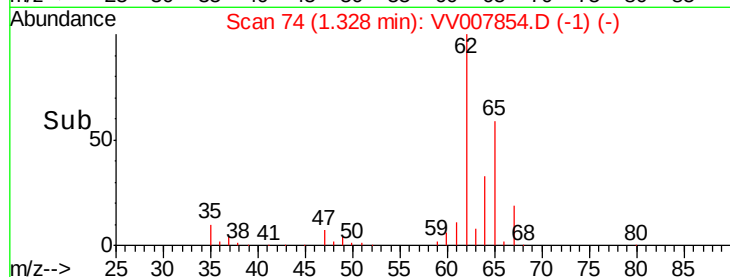
40000

20000

0

1.30 1.35 1.40

Time-->



#6

Bromomethane

Concen: 51.877 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV007854.D

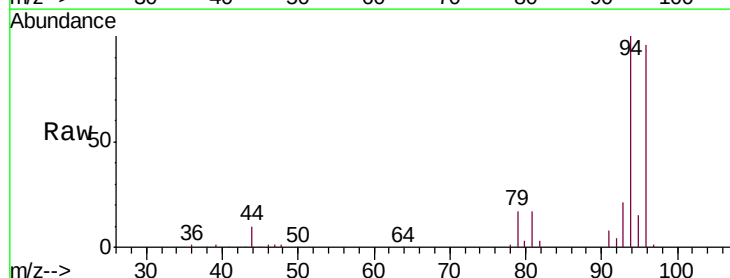
Acq: 25 Sep 2018 14:15

Tgt Ion: 94 Resp: 44733

Ion Ratio Lower Upper

94 100

96 96.2 66.9 124.3



Abundance Ion 94.00 (93.70 to 94.70): VV007851.D (-130) (-)

Ion 96.00 (95.70 to 96.70): VV007851.D (-130) (-)

1.54

40000

30000

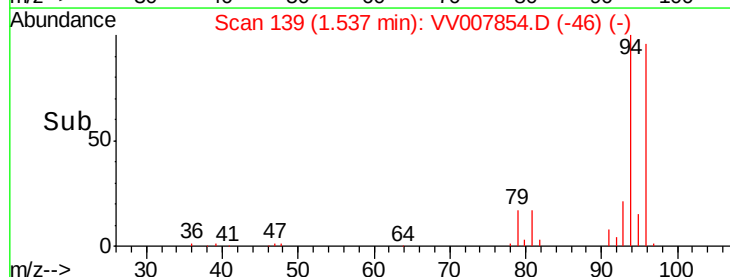
20000

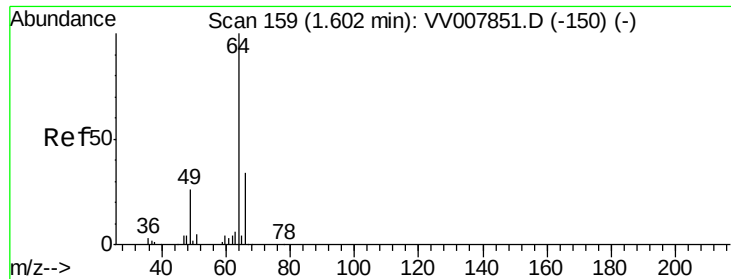
10000

0

1.50 1.55 1.60

Time-->





#8

Chloroethane

Concen: 47.836 ug/L

RT: 1.60 min Scan# 160

Delta R.T. 0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

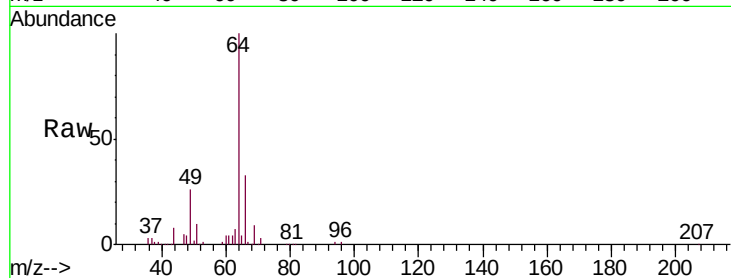
VICV69

Tgt Ion: 64 Resp: 46460

Ion Ratio Lower Upper

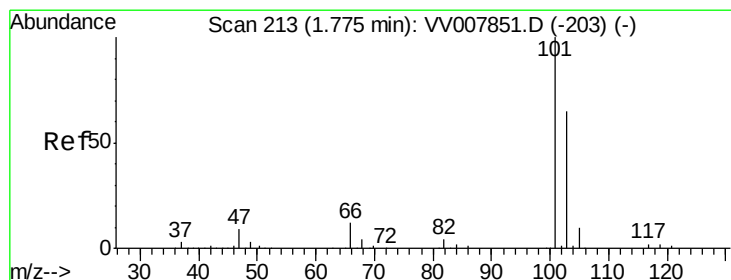
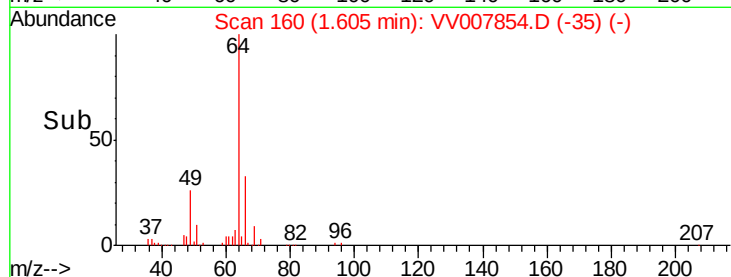
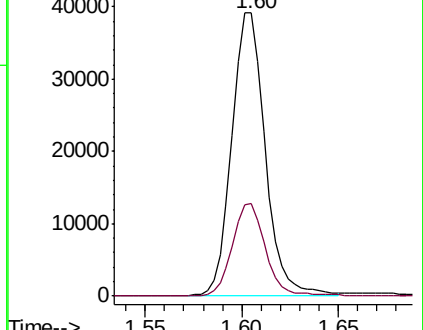
64 100

66 32.5 23.4 43.6



Abundance Ion 64.00 (63.70 to 64.70): VV007851.D (-150) (-)

Ion 66.00 (65.70 to 66.70): VV007851.D (-150) (-)



#9

Trichlorofluoromethane

Concen: 48.235 ug/L

RT: 1.78 min Scan# 213

Delta R.T. -0.00 min

Lab File: VV007854.D

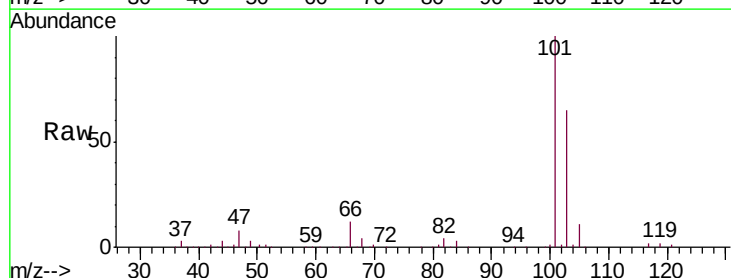
Acq: 25 Sep 2018 14:15

Tgt Ion: 101 Resp: 125847

Ion Ratio Lower Upper

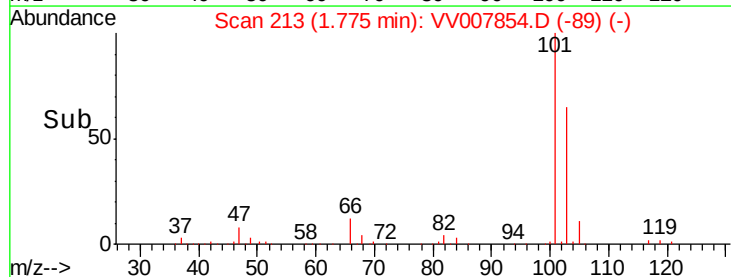
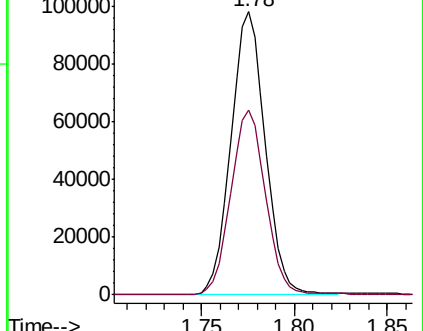
101 100

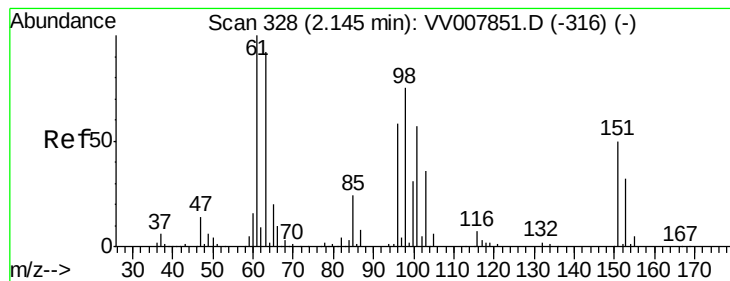
103 66.3 52.4 78.6



Abundance Ion 101.00 (100.70 to 101.70): VV007851.D (-203) (-)

Ion 103.00 (102.70 to 103.70): VV007851.D (-203) (-)





#10

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

Concen: 49.059 ug/L

RT: 2.14 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampled :

VICV69

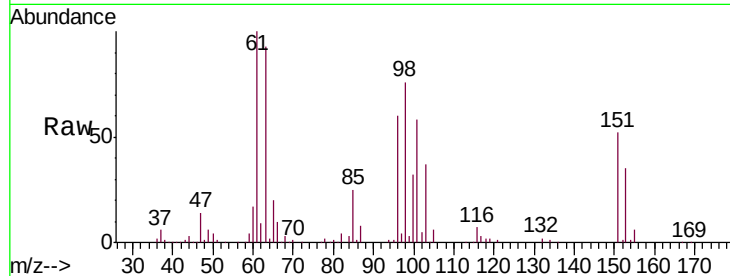
Tgt Ion: 101 Resp: 71534

Ion Ratio Lower Upper

101 100

85 42.6 34.2 51.2

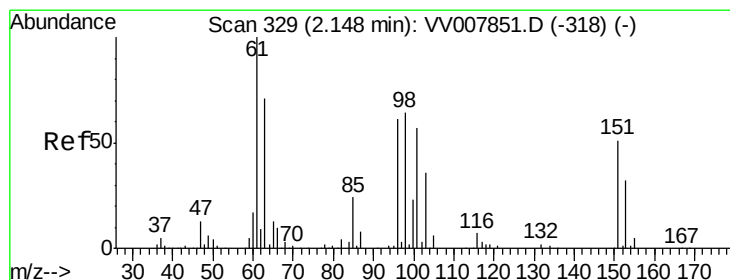
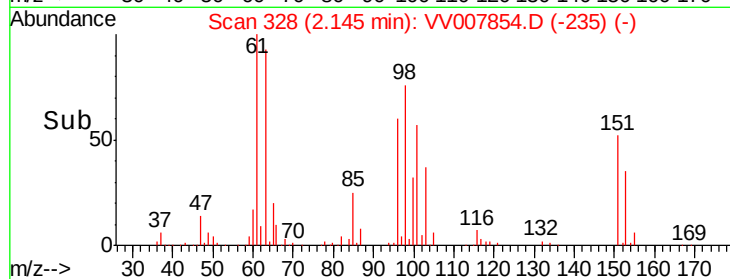
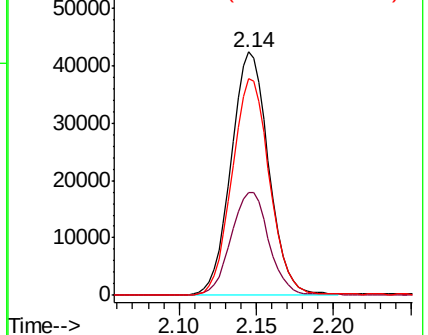
151 88.7 69.7 104.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 49.364 ug/L

RT: 2.15 min Scan# 329

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

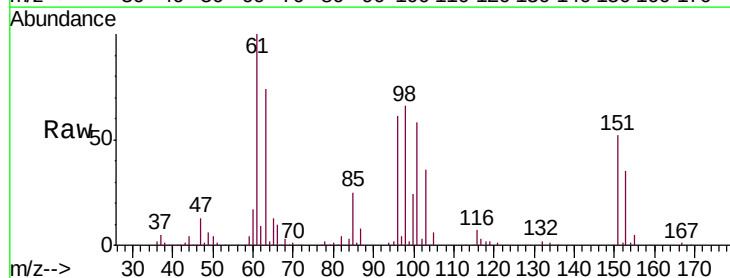
Tgt Ion: 96 Resp: 64594

Ion Ratio Lower Upper

96 100

61 163.1 116.1 215.7

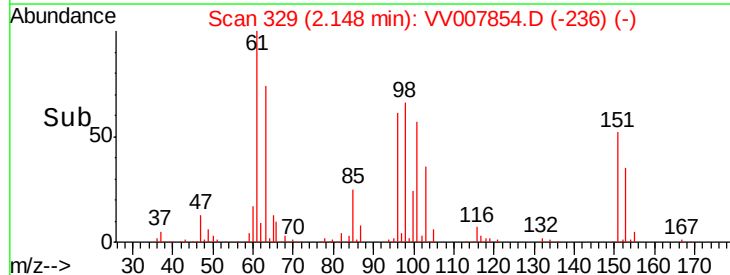
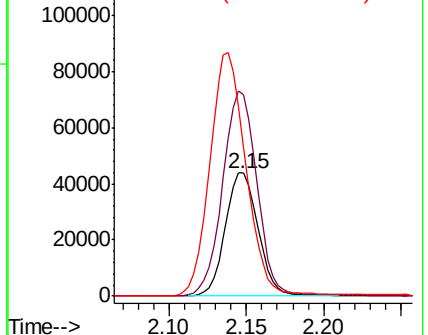
63 120.9 86.5 160.7

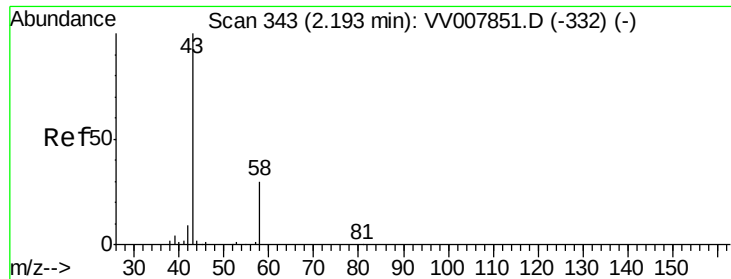


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 89.990 ug/L

RT: 2.19 min Scan# 343

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

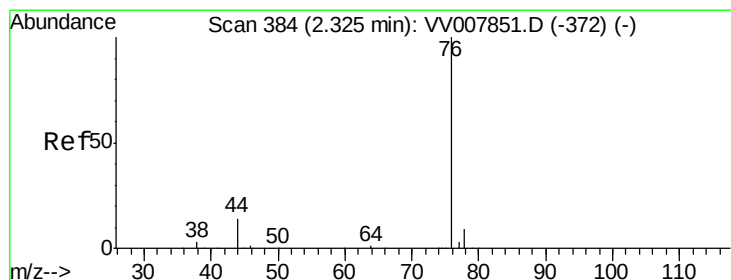
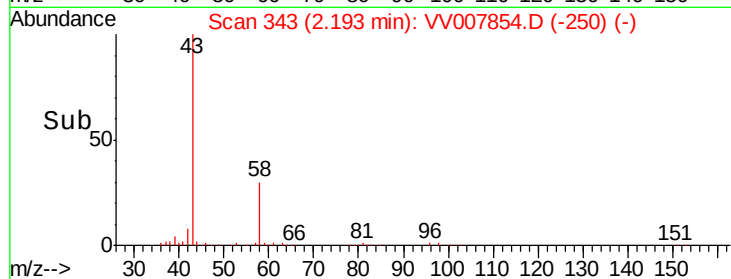
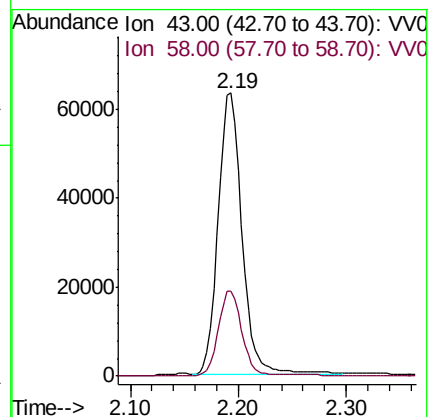
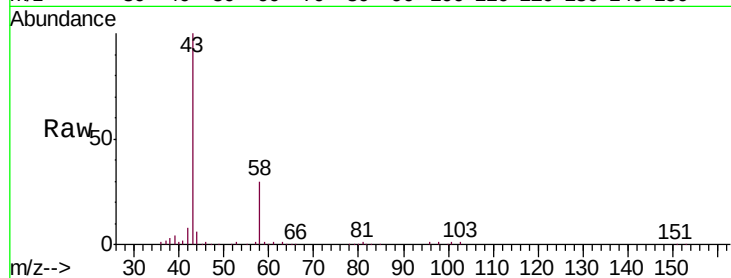
VICV69

Tgt Ion: 43 Resp: 97409

Ion Ratio Lower Upper

43 100

58 29.6 0.0 59.4



#14

Carbon disulfide

Concen: 51.494 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

Lab File: VV007854.D

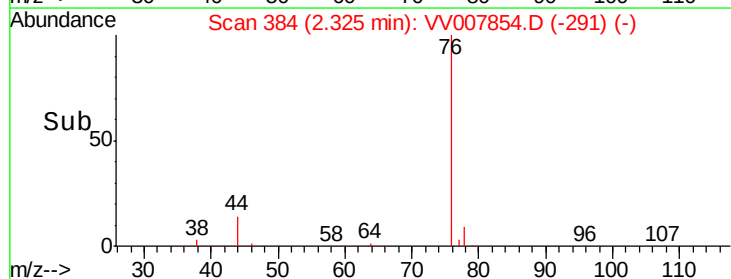
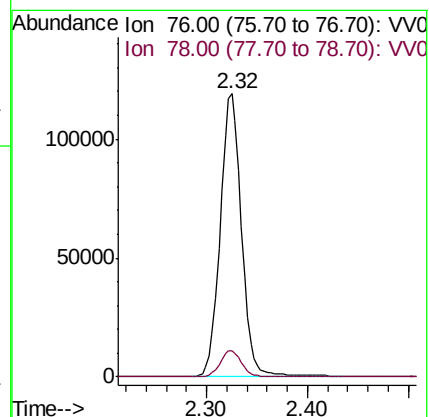
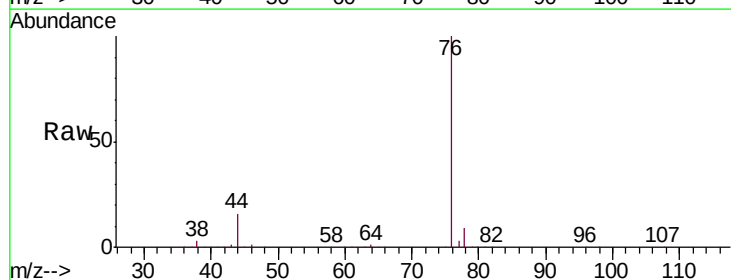
Acq: 25 Sep 2018 14:15

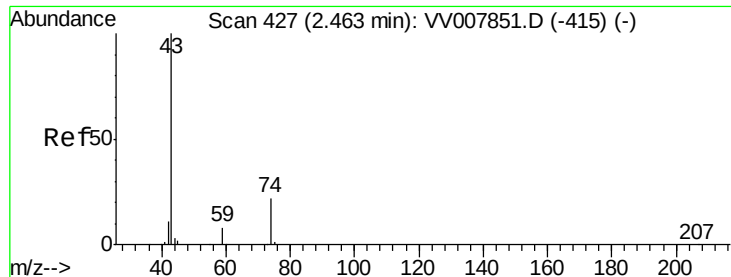
Tgt Ion: 76 Resp: 175795

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4





#15

Methyl Acetate

Concen: 48.060 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampled :

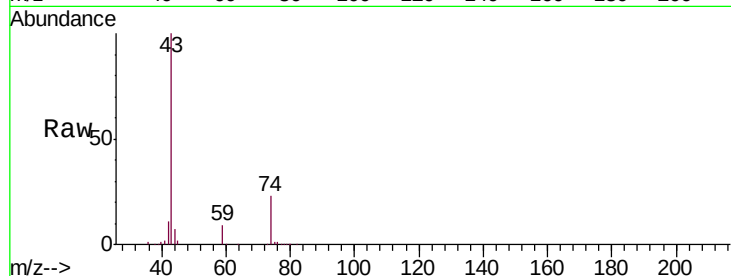
VICV69

Tgt Ion: 43 Resp: 76316

Ion Ratio Lower Upper

43 100

74 23.5 18.2 27.4

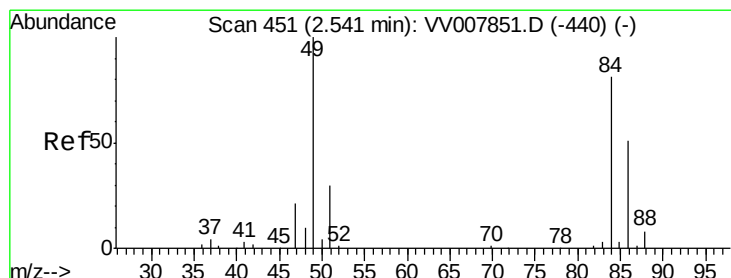
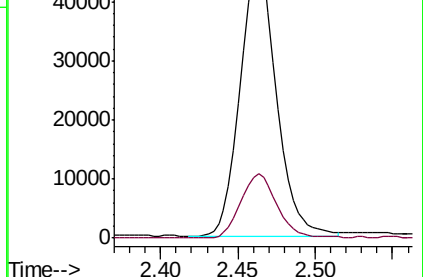
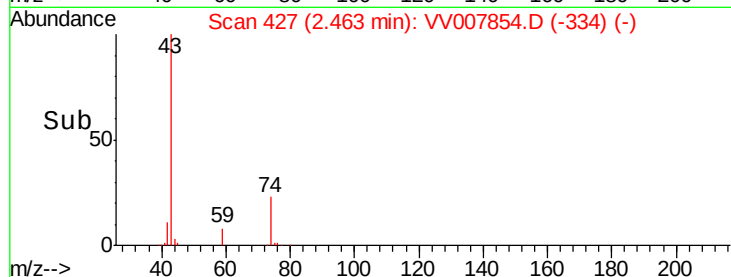


Abundance Ion 43.00 (42.70 to 43.70): VV007854.D (-334) (-)

Ion 74.00 (73.70 to 74.70): VV007854.D (-334) (-)

2.46

Time-->



#16

Methylene chloride

Concen: 47.928 ug/L

RT: 2.54 min Scan# 451

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

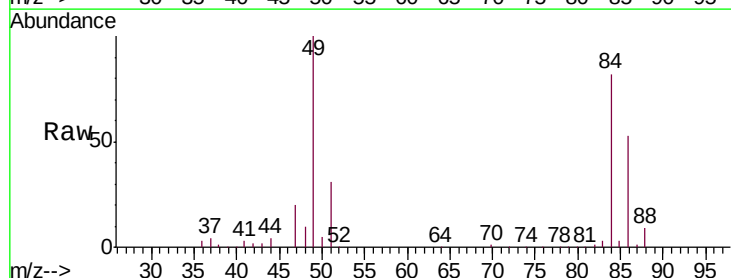
Tgt Ion: 84 Resp: 69399

Ion Ratio Lower Upper

84 100

86 65.2 44.4 82.4

49 122.1 86.8 161.2



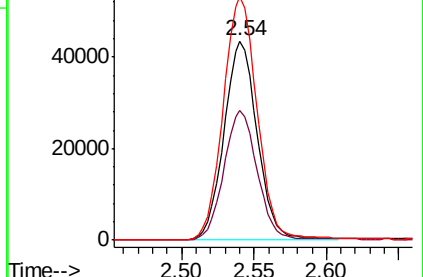
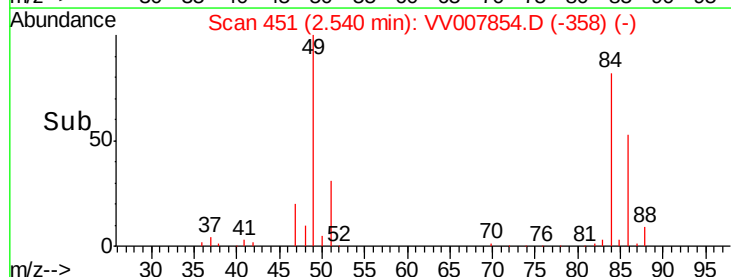
Abundance Ion 84.00 (83.70 to 84.70): VV007854.D (-358) (-)

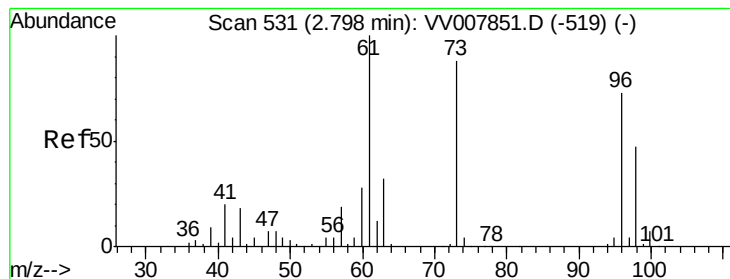
Ion 86.00 (85.70 to 86.70): VV007854.D (-358) (-)

Ion 49.00 (48.70 to 49.70): VV007854.D (-358) (-)

2.54

Time-->





#17

trans-1,2-Dichloroethene

Concen: 49.630 ug/L

RT: 2.79 min Scan# 530

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

VICV69

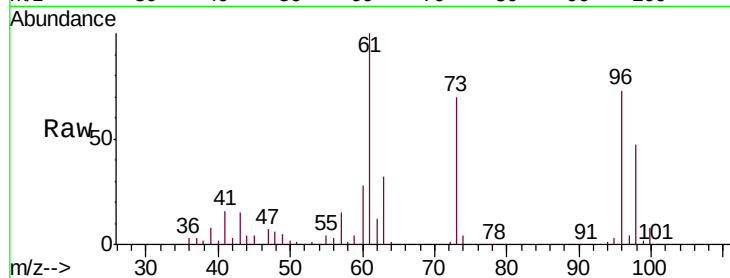
Tgt Ion: 96 Resp: 69285

Ion Ratio Lower Upper

96 100

61 136.7 96.8 179.8

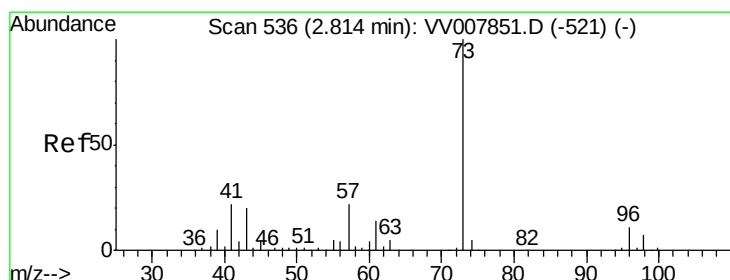
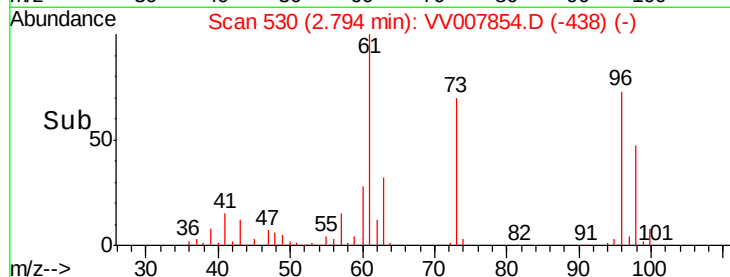
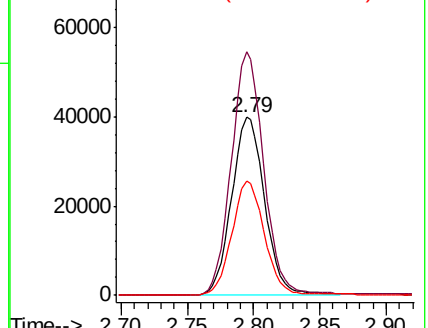
98 64.4 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VV007854.D (-438) (-)

Ion 61.00 (60.70 to 61.70): VV007854.D (-438) (-)

Ion 98.00 (97.70 to 98.70): VV007854.D (-438) (-)



#18

Methyl tert-butyl Ether

Concen: 48.151 ug/L

RT: 2.81 min Scan# 536

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

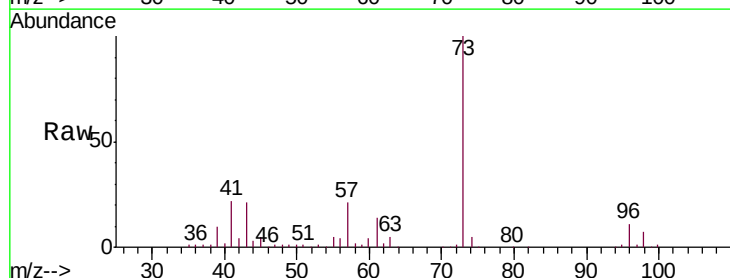
Tgt Ion: 73 Resp: 209440

Ion Ratio Lower Upper

73 100

43 20.4 16.2 24.4

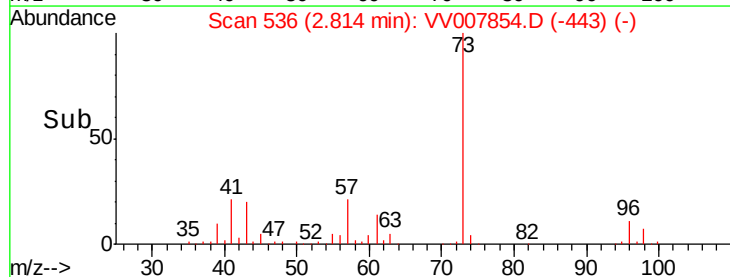
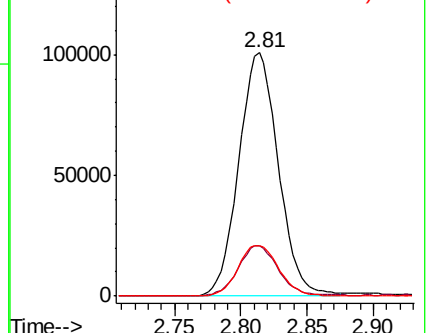
57 21.6 17.1 25.7

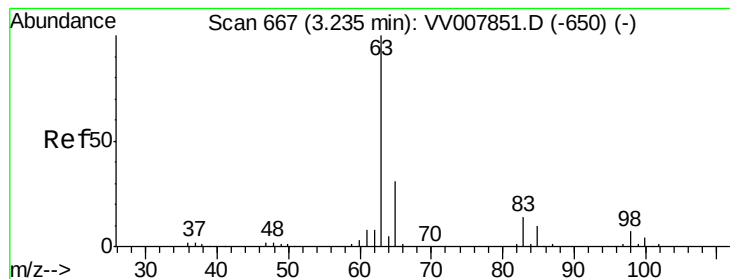


Abundance Ion 73.00 (72.70 to 73.70): VV007854.D (-443) (-)

Ion 43.00 (42.70 to 43.70): VV007854.D (-443) (-)

Ion 57.00 (56.70 to 57.70): VV007854.D (-443) (-)





#19

1,1-Dichloroethane

Concen: 47.856 ug/L

RT: 3.23 min Scan# 666

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

VICV69

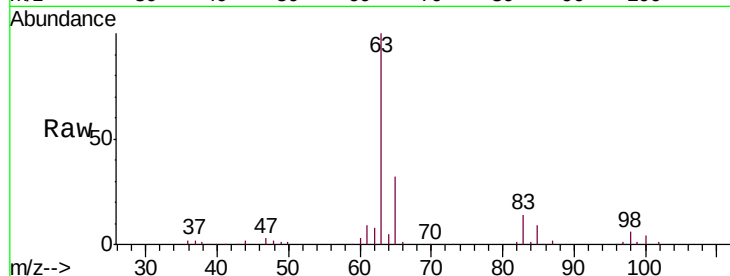
Tgt Ion: 63 Resp: 114649

Ion Ratio Lower Upper

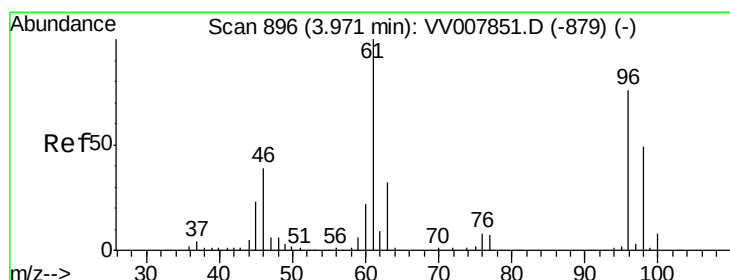
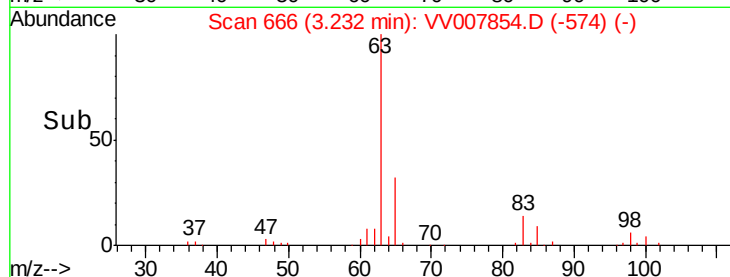
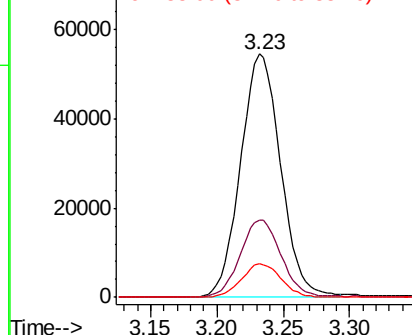
63 100

65 31.9 21.9 40.7

83 13.7 9.7 18.1



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 65.00 (64.70 to 65.70): VV0
Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 50.245 ug/L

RT: 3.97 min Scan# 895

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

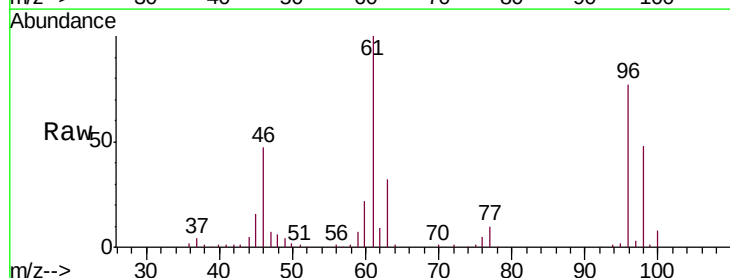
Tgt Ion: 96 Resp: 76002

Ion Ratio Lower Upper

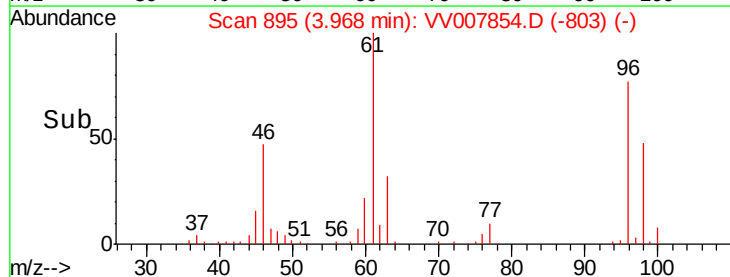
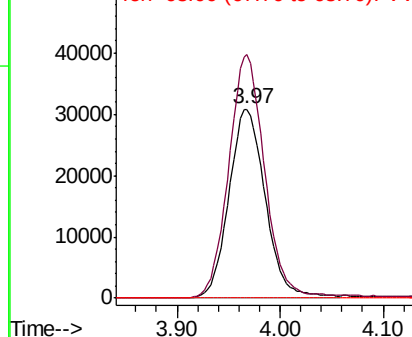
96 100

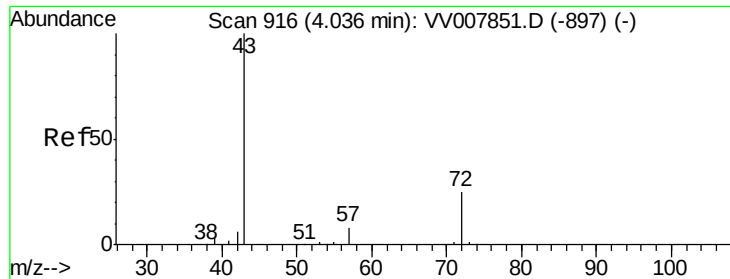
61 129.0 92.6 172.0

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 93.223 ug/L

RT: 4.03 min Scan# 915

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampled :

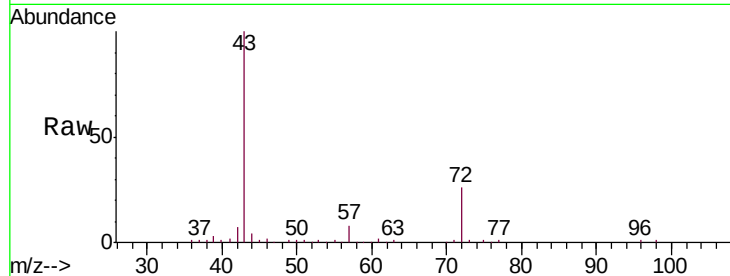
VICV69

Tgt Ion: 43 Resp: 115632

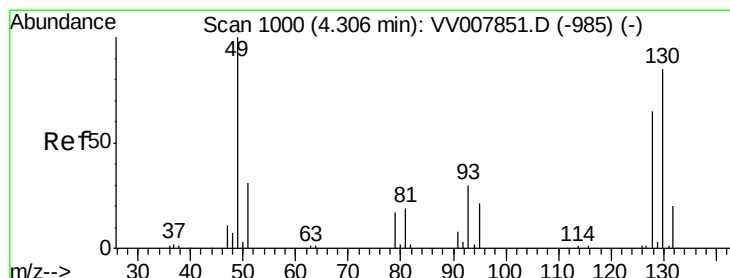
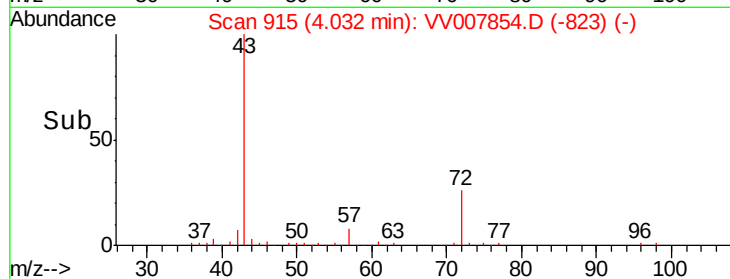
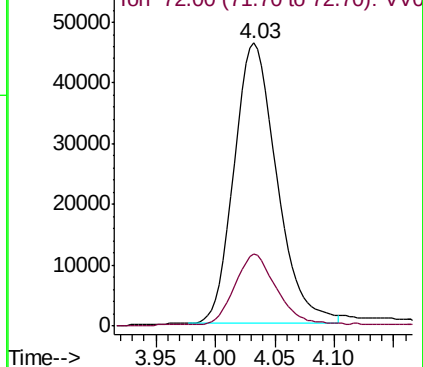
Ion Ratio Lower Upper

43 100

72 24.8 12.4 37.2



Abundance Ion 43.00 (42.70 to 43.70): VV007851.D (-897) (-)



#23

Bromochloromethane

Concen: 50.341 ug/L

RT: 4.31 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Tgt Ion: 128 Resp: 39618

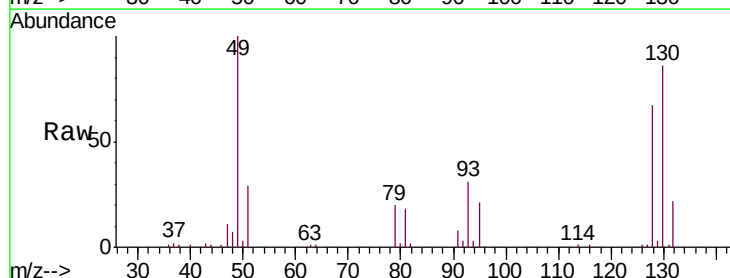
Ion Ratio Lower Upper

128 100

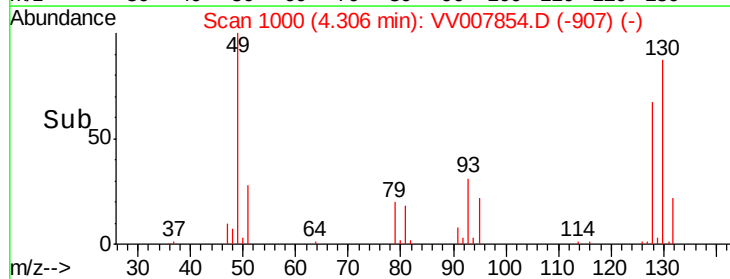
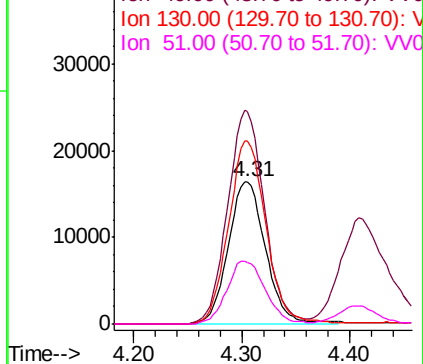
49 149.2 107.7 199.9

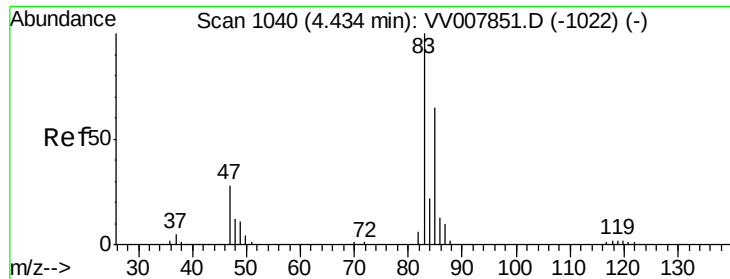
130 128.6 91.1 169.1

51 43.1 38.1 57.1



Abundance Ion 128.00 (127.70 to 128.70): VV007851.D (-985) (-)

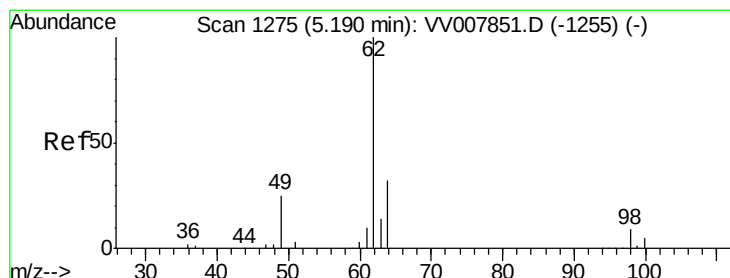
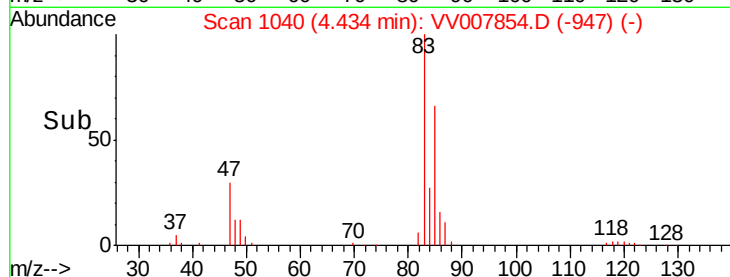
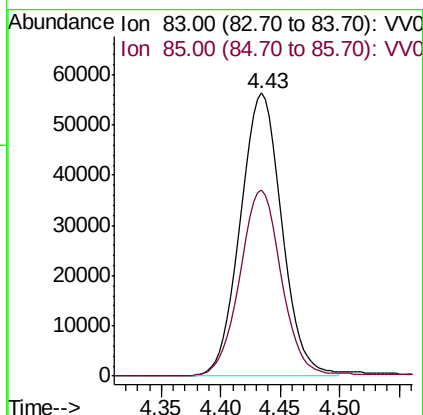
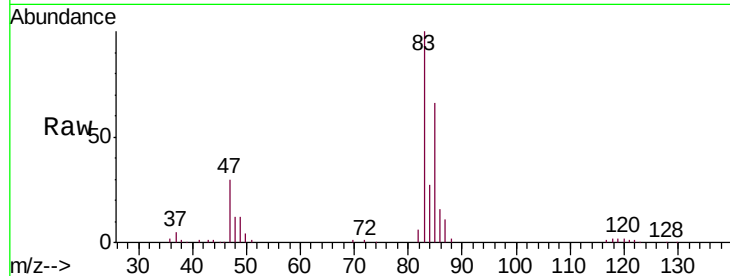




#25
Chloroform
Concen: 48.044 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. -0.00 min
Lab File: VV007854.D
Acq: 25 Sep 2018 14:15

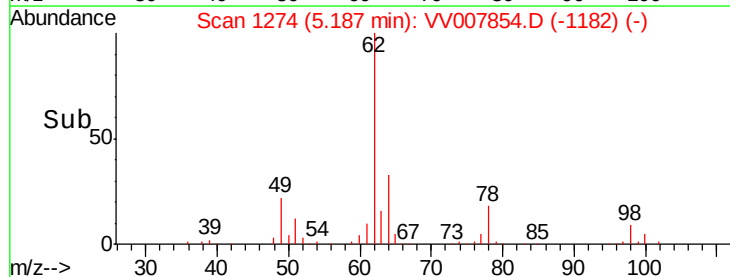
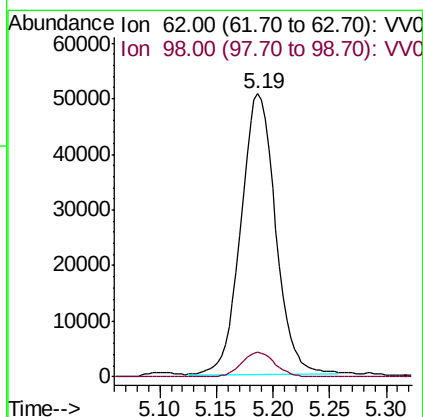
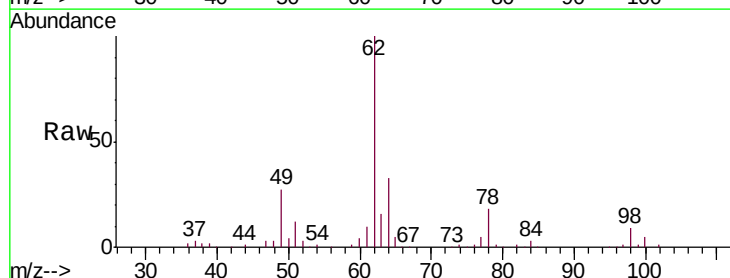
Instrument :
MSVOA_V
ClientSampleId :
VICV69

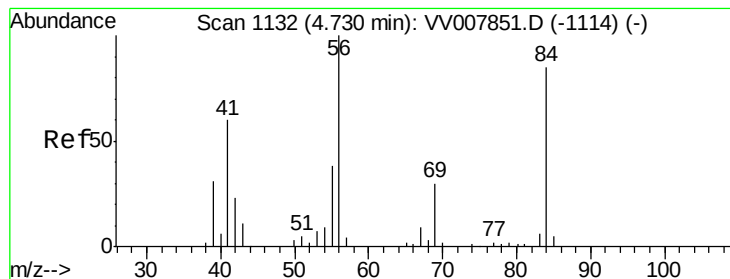
Tgt Ion: 83 Resp: 136609
Ion Ratio Lower Upper
83 100
85 65.7 45.9 85.3



#27
1,2-Dichloroethane
Concen: 48.290 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. -0.00 min
Lab File: VV007854.D
Acq: 25 Sep 2018 14:15

Tgt Ion: 62 Resp: 108824
Ion Ratio Lower Upper
62 100
98 8.6 7.0 10.4





#29

Cyclohexane

Concen: 50.414 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

VICV69

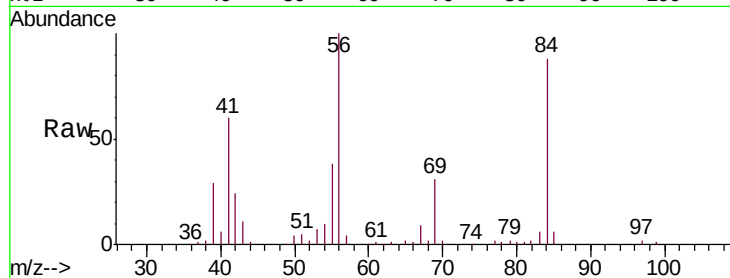
Tgt Ion: 56 Resp: 113281

Ion Ratio Lower Upper

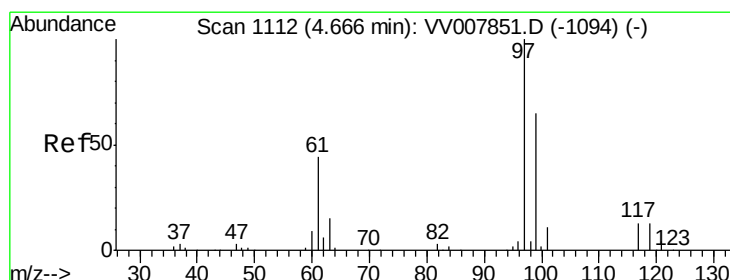
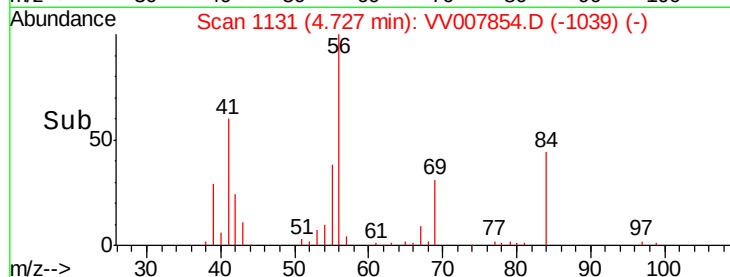
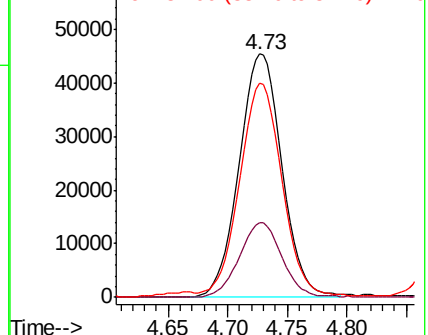
56 100

69 30.5 24.1 36.1

84 85.8 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 49.116 ug/L

RT: 4.66 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

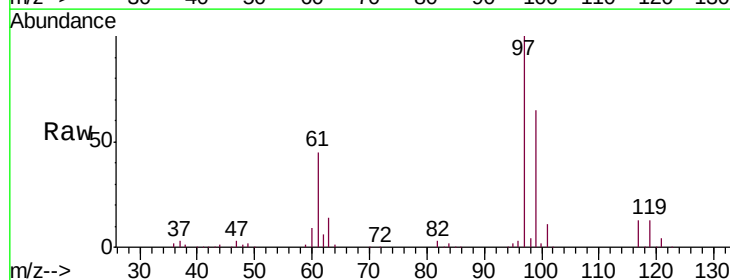
Tgt Ion: 97 Resp: 116887

Ion Ratio Lower Upper

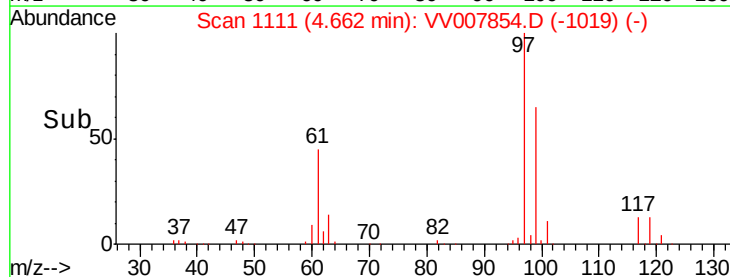
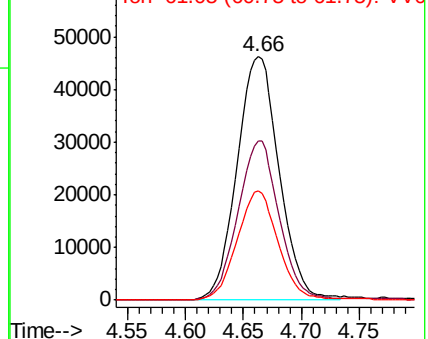
97 100

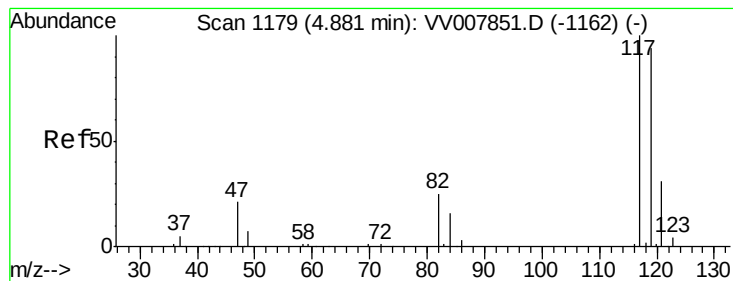
99 63.8 51.0 76.6

61 43.4 35.0 52.4



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 49.883 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

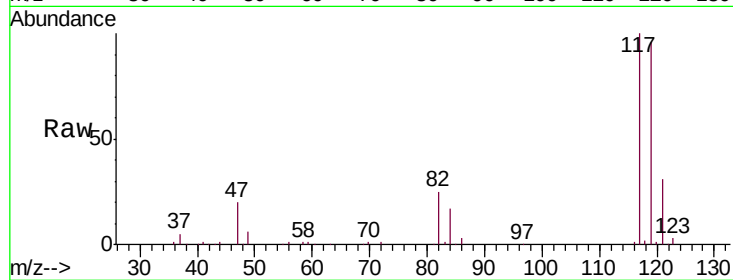
VICV69

Tgt Ion:117 Resp: 104882

Ion Ratio Lower Upper

117 100

119 96.9 76.2 114.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

4.88

50000

40000

30000

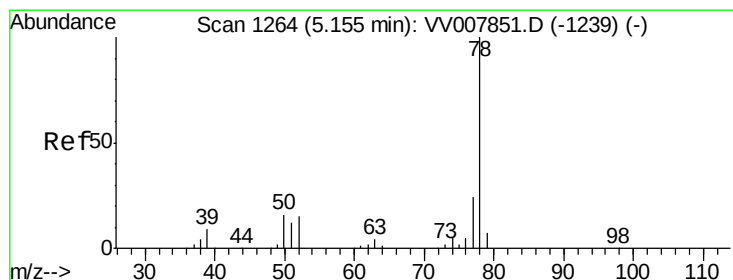
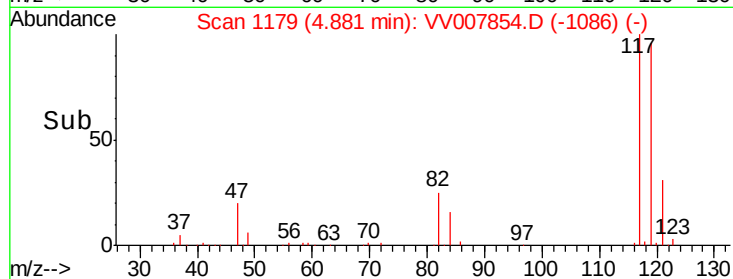
20000

10000

0

Time-->

4.80 4.90 5.00



#33

Benzene

Concen: 49.962 ug/L

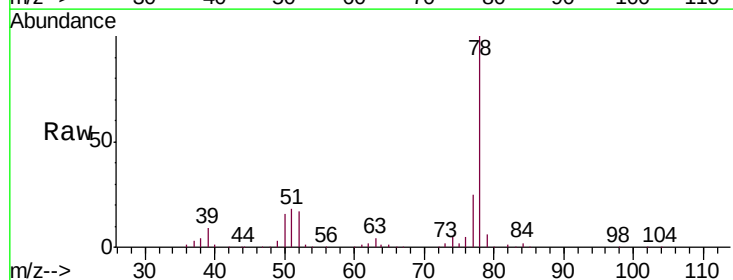
RT: 5.15 min Scan# 1263

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Tgt Ion: 78 Resp: 282294



Abundance Ion 78.00 (77.70 to 78.70): VV0

150000

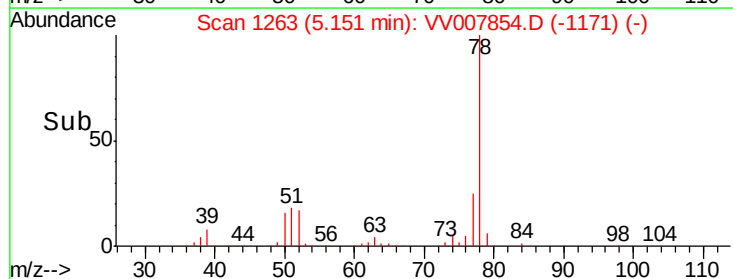
100000

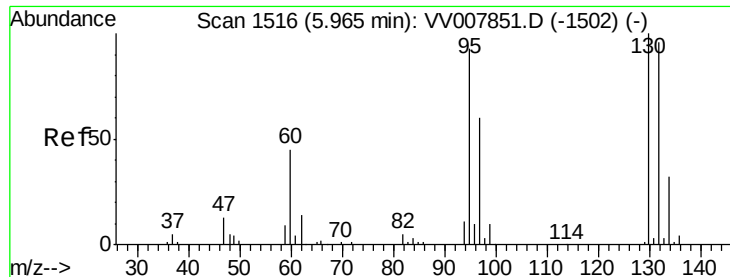
50000

0

Time-->

5.00 5.10 5.20 5.30





#34

Trichloroethene

Concen: 49.326 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

VICV69

Tgt Ion: 95 Resp: 77309

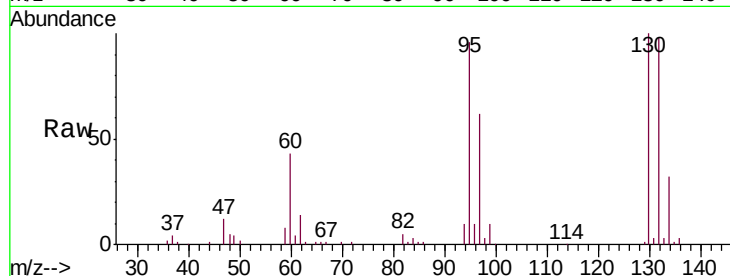
Ion Ratio Lower Upper

95 100

97 64.7 45.4 84.2

132 101.9 72.2 134.0

130 104.1 75.5 140.3

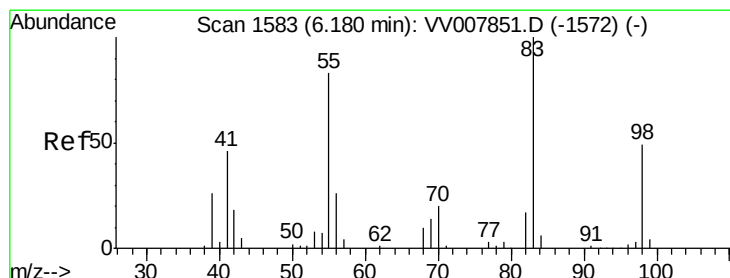
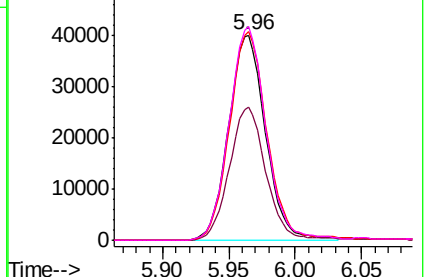
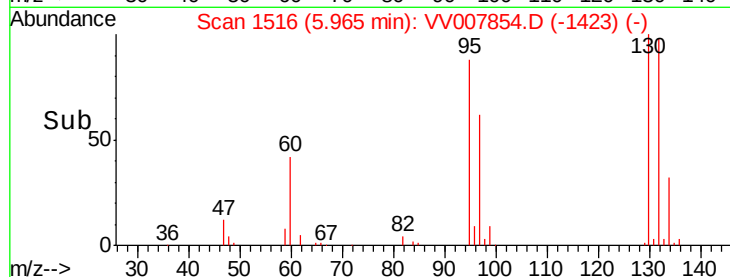


Abundance Ion 95.00 (94.70 to 95.70): VV0

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



#35

Methylcyclohexane

Concen: 49.310 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

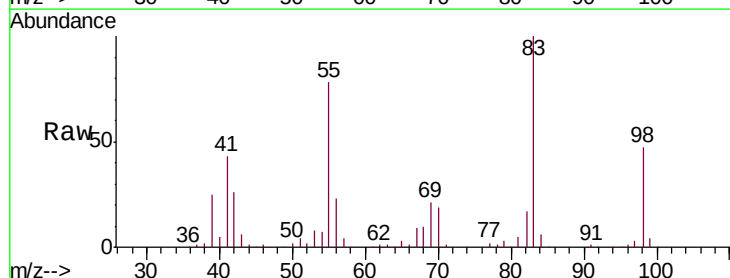
Tgt Ion: 83 Resp: 121247

Ion Ratio Lower Upper

83 100

55 81.2 62.6 94.0

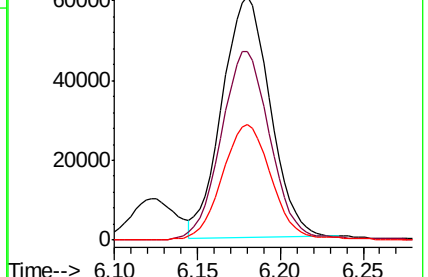
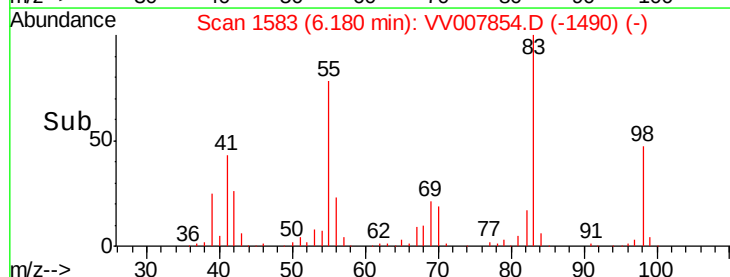
98 49.8 37.6 56.4

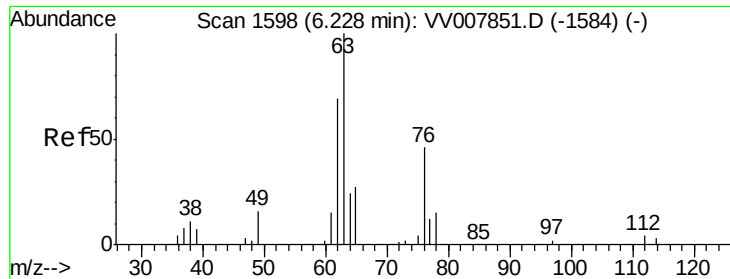


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 48.962 ug/L

RT: 6.23 min Scan# 1597

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

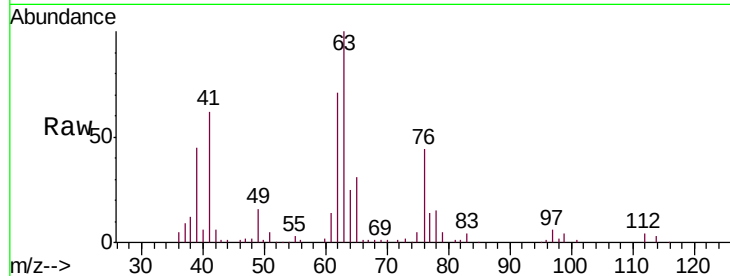
VICV69

Tgt Ion: 63 Resp: 73777

Ion Ratio Lower Upper

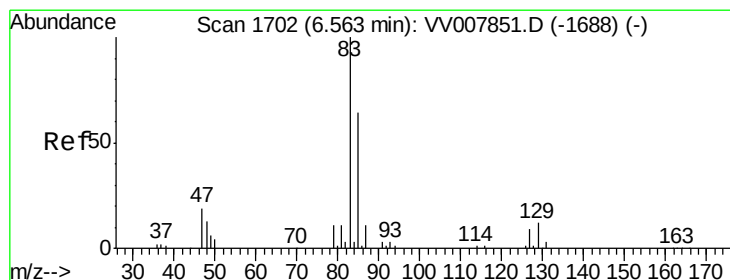
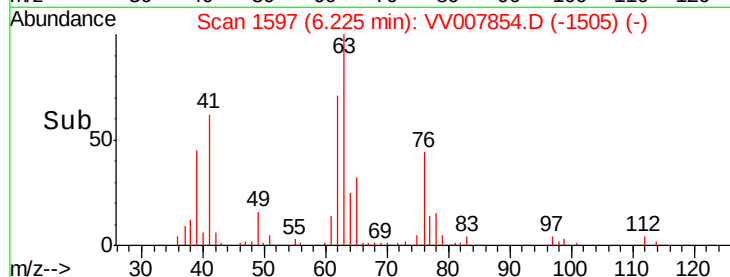
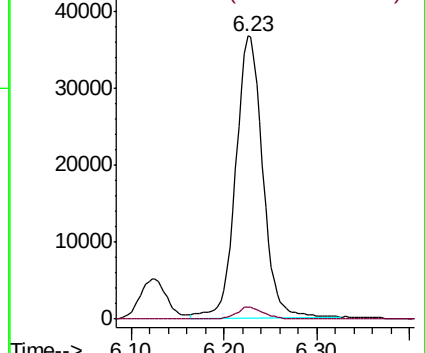
63 100

112 4.1 3.3 4.9



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V



#38

Bromodichloromethane

Concen: 50.742 ug/L

RT: 6.56 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

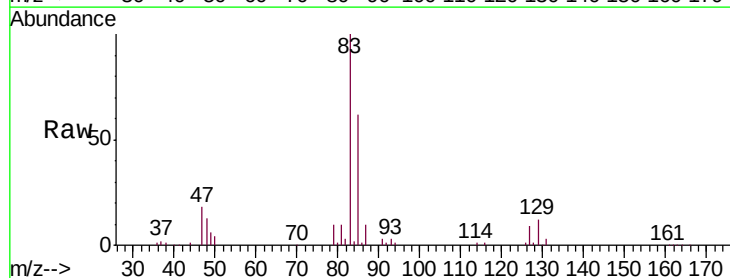
Tgt Ion: 83 Resp: 96768

Ion Ratio Lower Upper

83 100

85 61.6 44.9 83.3

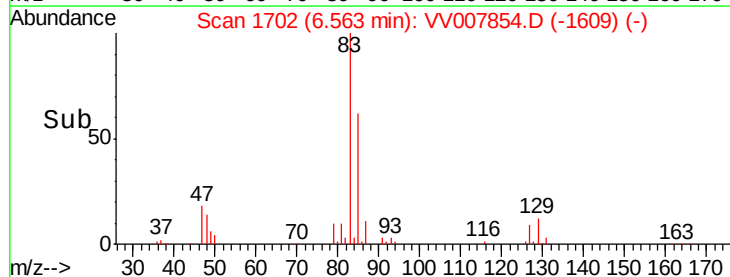
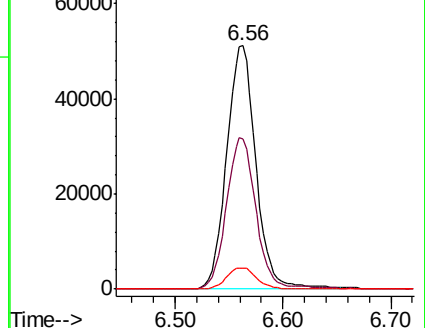
127 8.7 7.4 11.2

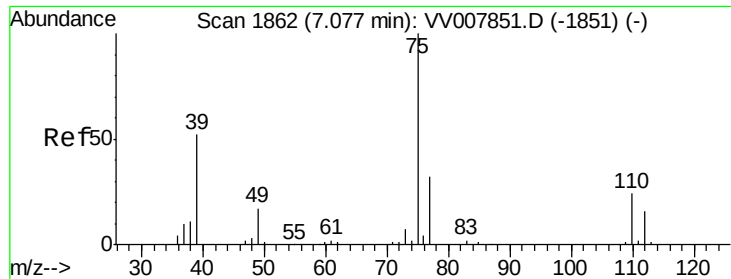


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 127.00 (126.70 to 127.70): V

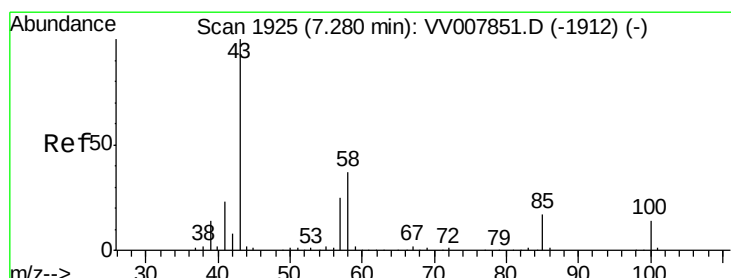
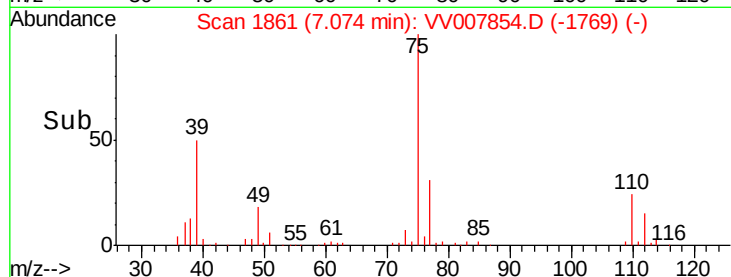
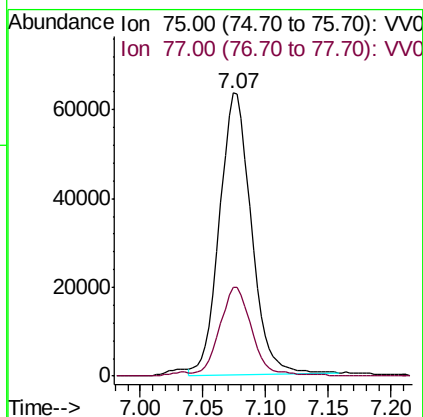
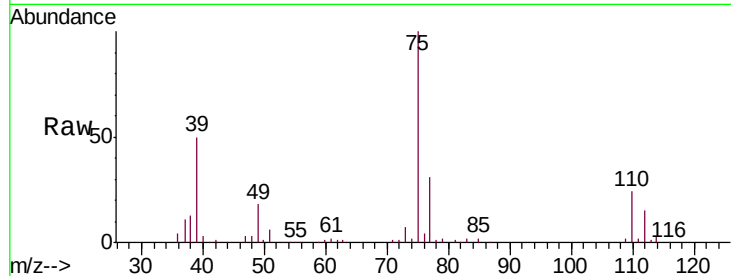




#39
 cis-1,3-Dichloropropene
 Concen: 50.945 ug/L
 RT: 7.07 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VV007854.D
 Acq: 25 Sep 2018 14:15

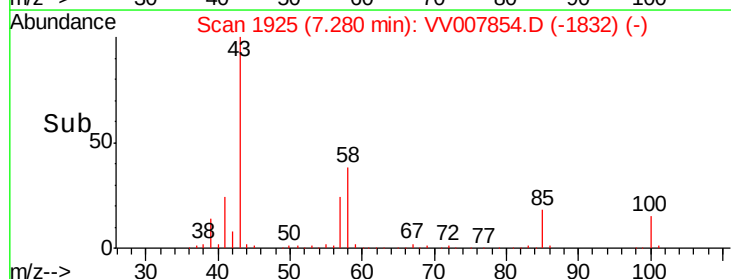
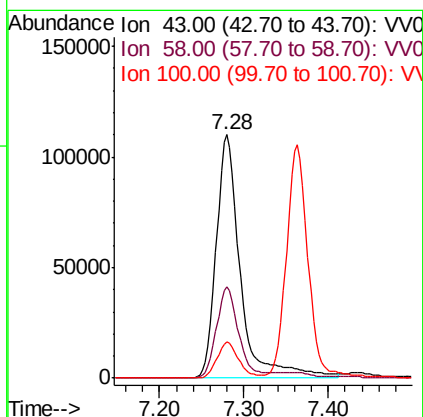
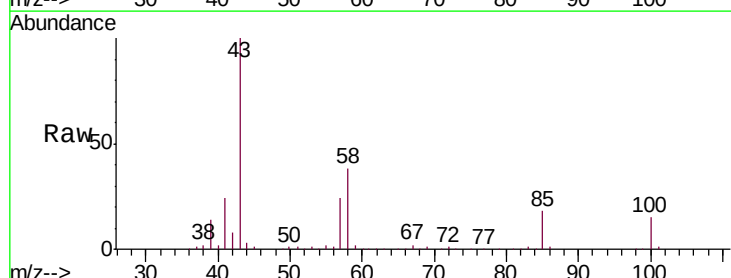
Instrument :
 MSVOA_V
 ClientSampled :
 VICV69

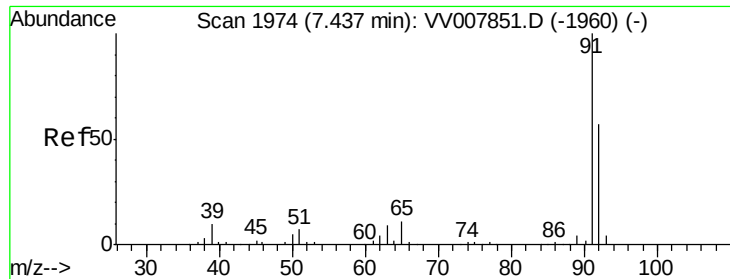
Tgt Ion: 75 Resp: 111444
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.8 42.4



#40
 4-Methyl-2-pentanone
 Concen: 103.532 ug/L
 RT: 7.28 min Scan# 1925
 Delta R.T. -0.00 min
 Lab File: VV007854.D
 Acq: 25 Sep 2018 14:15

Tgt Ion: 43 Resp: 220458
 Ion Ratio Lower Upper
 43 100
 58 34.5 29.3 43.9
 100 13.3 11.0 16.4





#42

Toluene

Concen: 50.090 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

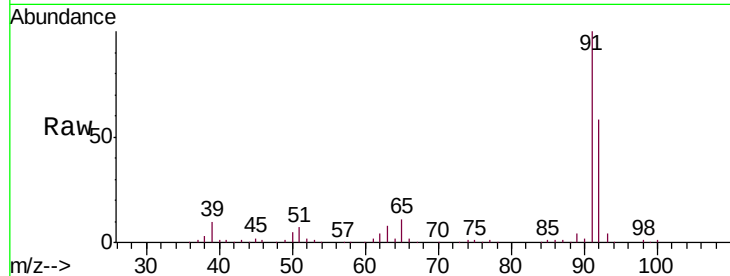
VICV69

Tgt Ion: 91 Resp: 318872

Ion Ratio Lower Upper

91 100

92 57.9 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VV007851.D (-1960) (-)

Ion 92.00 (91.70 to 92.70): VV007851.D (-1960) (-)

7.43

200000

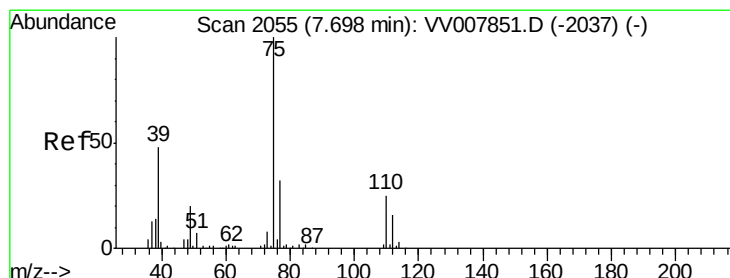
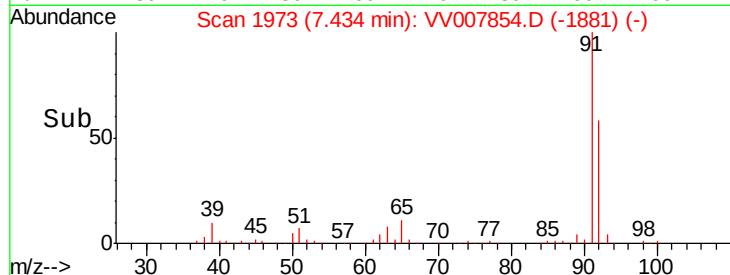
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 51.622 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. -0.00 min

Lab File: VV007854.D

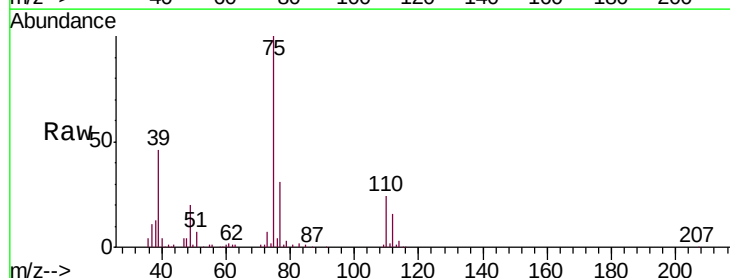
Acq: 25 Sep 2018 14:15

Tgt Ion: 75 Resp: 112237

Ion Ratio Lower Upper

75 100

77 31.0 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VV007851.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV007851.D (-2037) (-)

7.70

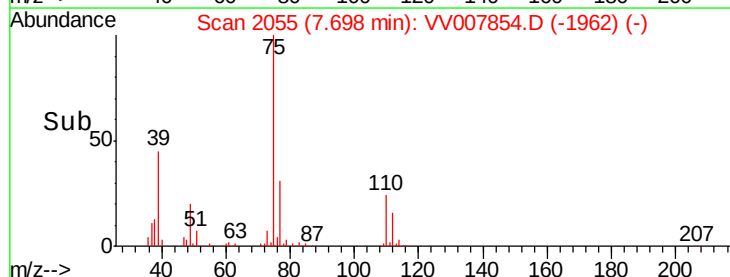
60000

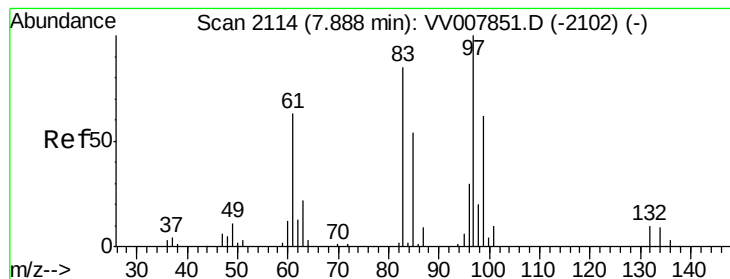
40000

20000

0

Time-->





#45

1,1,2-Trichloroethane

Concen: 48.886 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

VICV69

Tgt Ion: 97 Resp: 73612

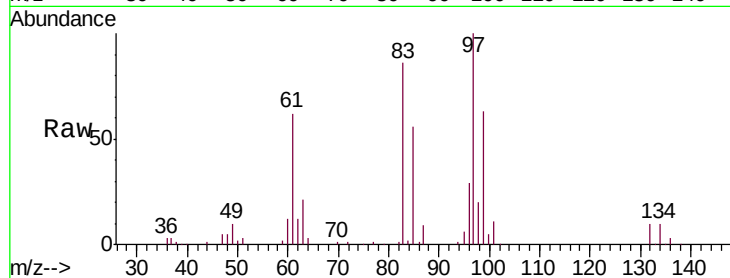
Ion Ratio Lower Upper

97 100

99 62.9 43.7 81.1

83 86.2 59.6 110.8

85 55.7 37.7 70.1

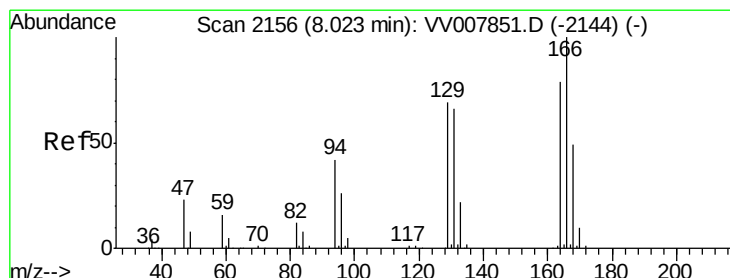
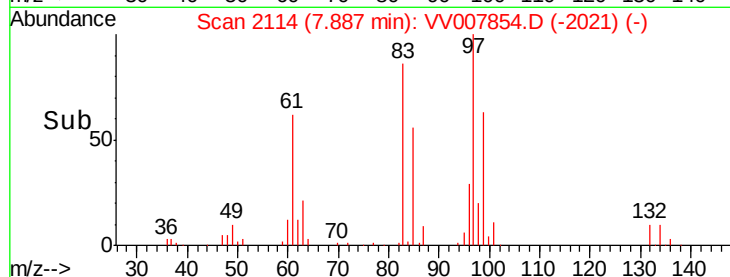
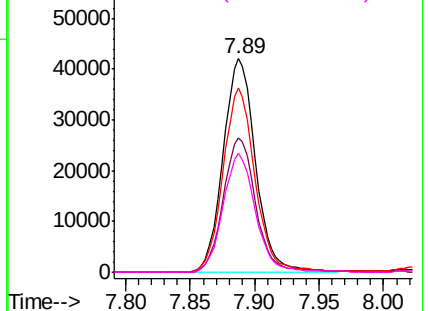


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 49.500 ug/L

RT: 8.02 min Scan# 2156

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Tgt Ion: 164 Resp: 74549

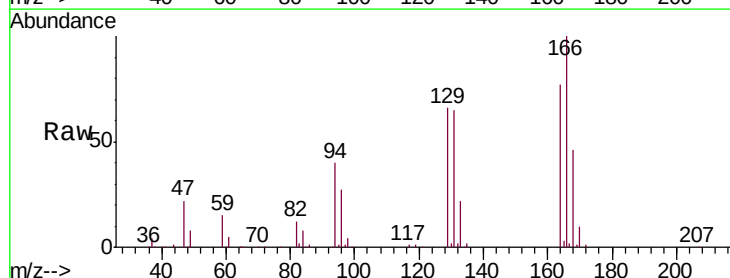
Ion Ratio Lower Upper

164 100

129 85.0 60.9 113.1

131 84.2 58.8 109.2

166 129.6 88.8 164.8

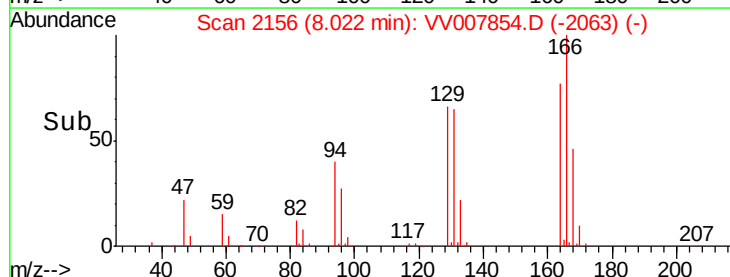
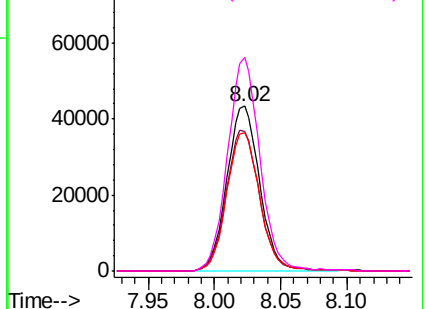


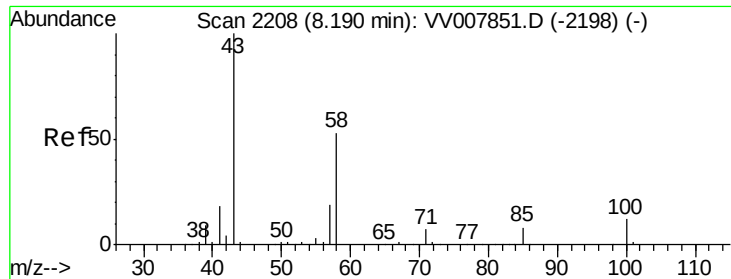
Abundance Ion 164.00 (163.70 to 164.70): V

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

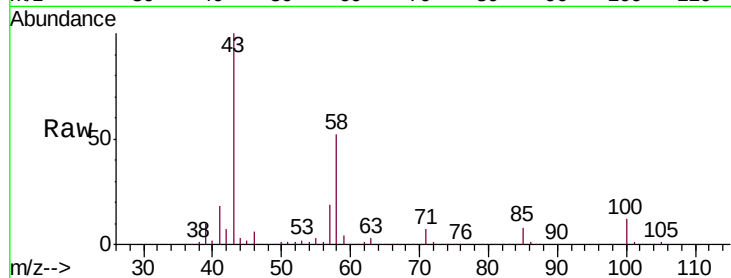




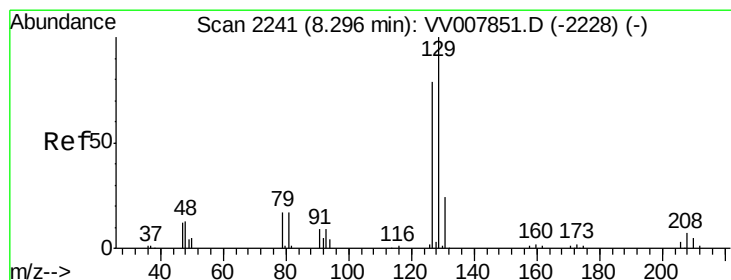
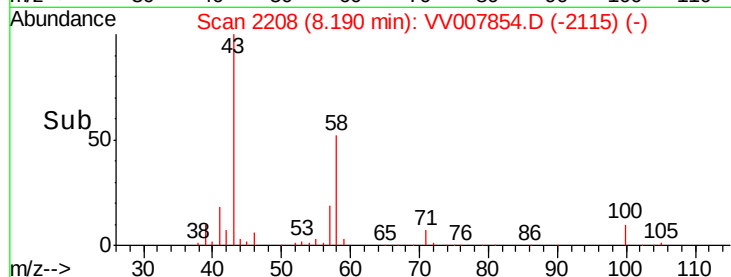
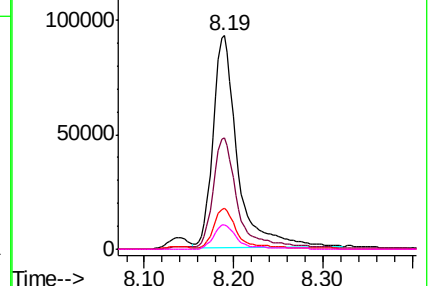
#48
2-Hexanone
Concen: 104.649 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV007854.D
Acq: 25 Sep 2018 14:15

Instrument :
MSVOA_V
ClientSampleId :
VICV69

Tgt Ion: 43 Resp: 176120
Ion Ratio Lower Upper
43 100
58 53.3 41.1 61.7
57 18.4 14.3 21.5
100 11.3 9.9 14.9

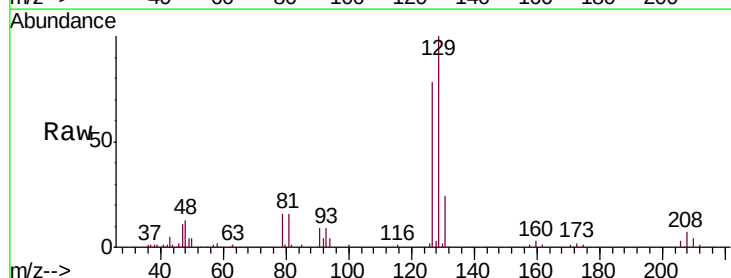


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

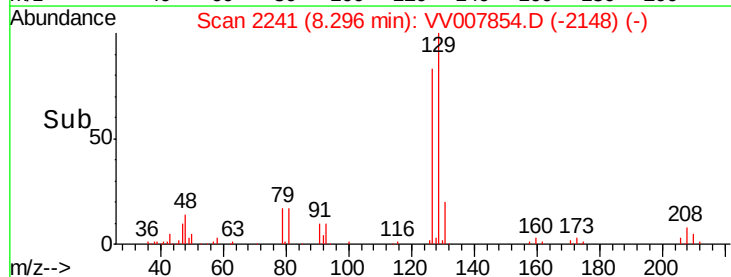
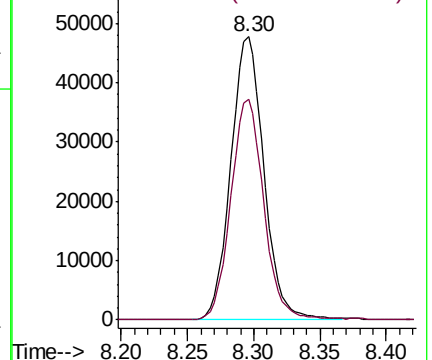


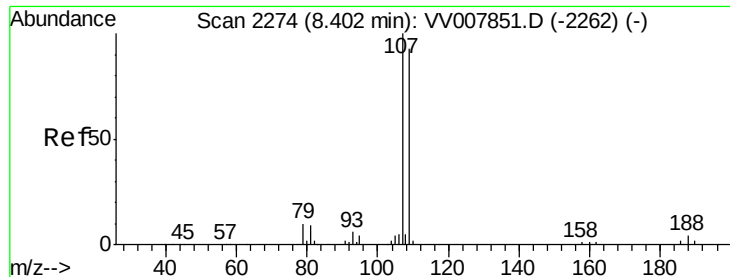
#49
Dibromochloromethane
Concen: 50.360 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VV007854.D
Acq: 25 Sep 2018 14:15

Tgt Ion: 129 Resp: 82916
Ion Ratio Lower Upper
129 100
127 77.8 55.5 103.1



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

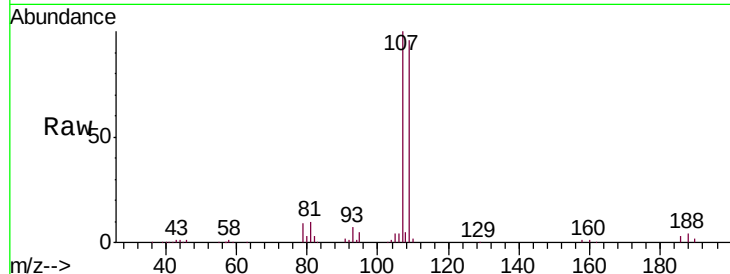




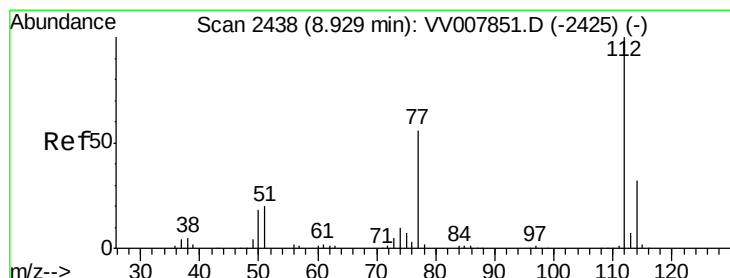
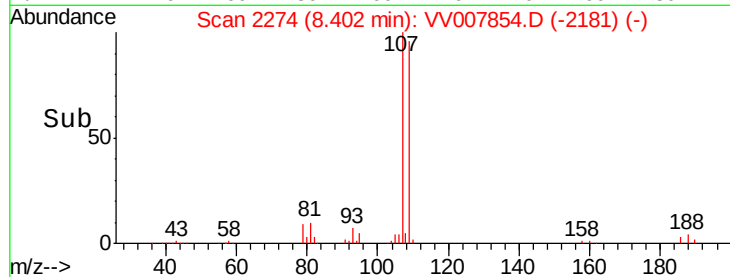
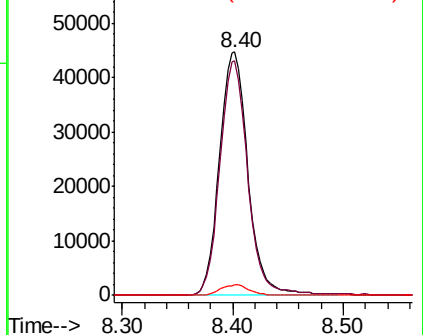
#50
1,2-Dibromoethane
Concen: 49.546 ug/L
RT: 8.40 min Scan# 2274
Delta R.T. -0.00 min
Lab File: VV007854.D
Acq: 25 Sep 2018 14:15

Instrument :
MSVOA_V
ClientSampleId :
VICV69

Tgt Ion:107 Resp: 80220
Ion Ratio Lower Upper
107 100
109 96.2 65.3 121.3
188 4.3 3.5 5.3

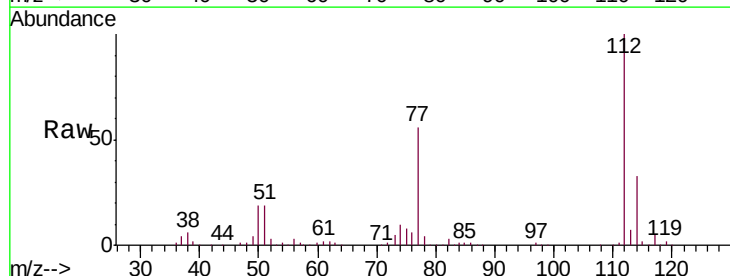


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

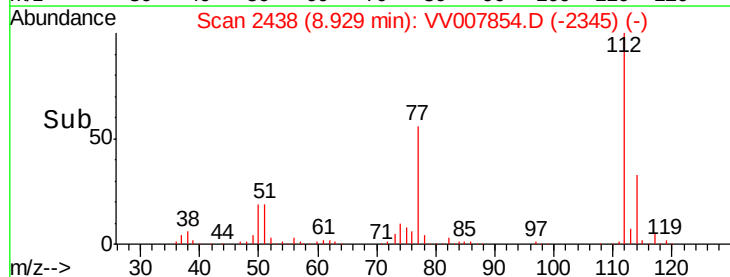
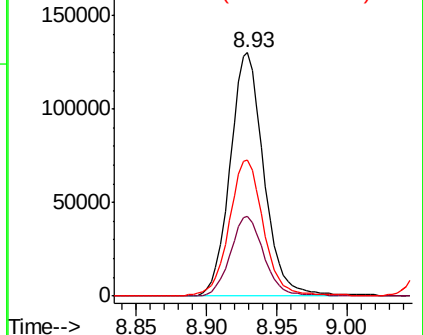


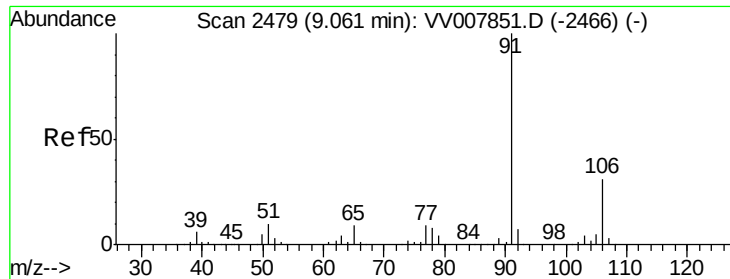
#51
Chlorobenzene
Concen: 49.368 ug/L
RT: 8.93 min Scan# 2438
Delta R.T. -0.00 min
Lab File: VV007854.D
Acq: 25 Sep 2018 14:15

Tgt Ion:112 Resp: 217531
Ion Ratio Lower Upper
112 100
114 32.7 22.3 41.5
77 55.9 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): VV0





#52

Ethylbenzene

Concen: 50.835 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

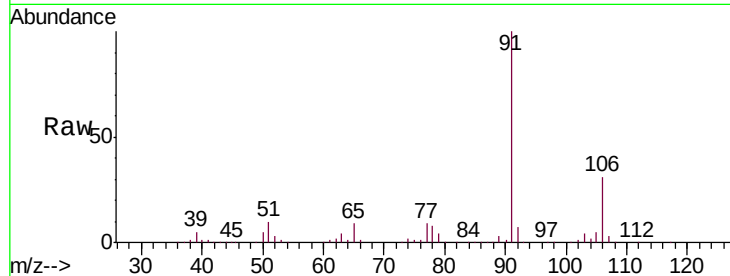
VICV69

Tgt Ion: 91 Resp: 365549

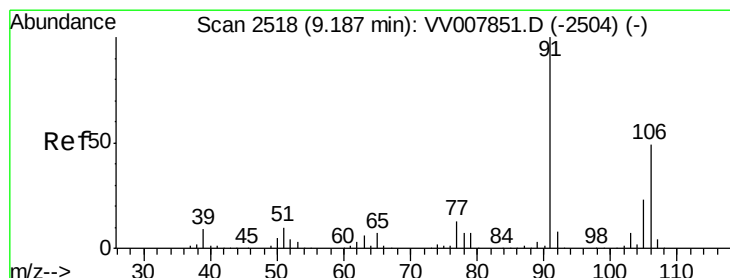
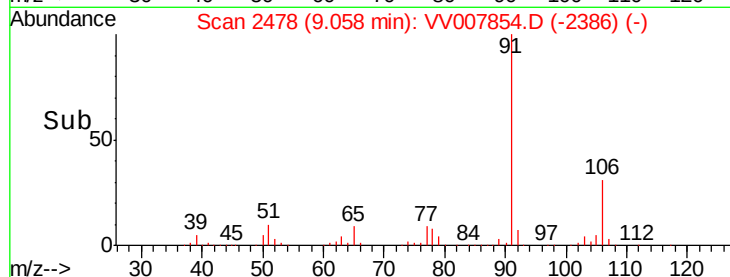
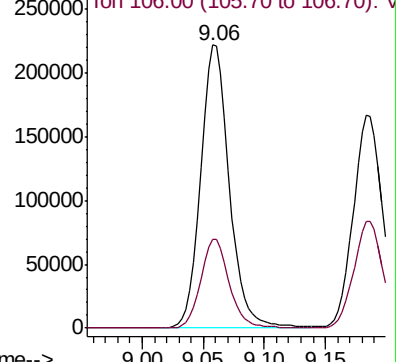
Ion Ratio Lower Upper

91 100

106 31.2 21.9 40.7



Abundance Ion 91.00 (90.70 to 91.70): VV007851.D (-2466) (-)



#53

m,p-Xylene

Concen: 51.171 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. -0.00 min

Lab File: VV007854.D

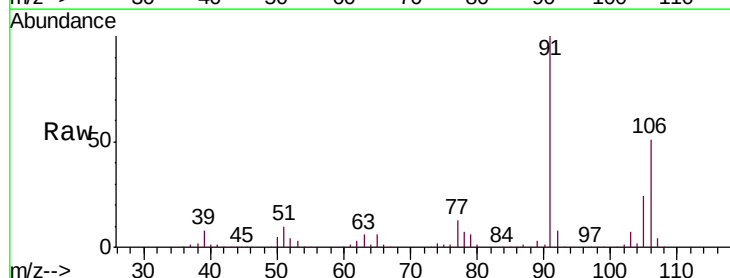
Acq: 25 Sep 2018 14:15

Tgt Ion: 106 Resp: 140192

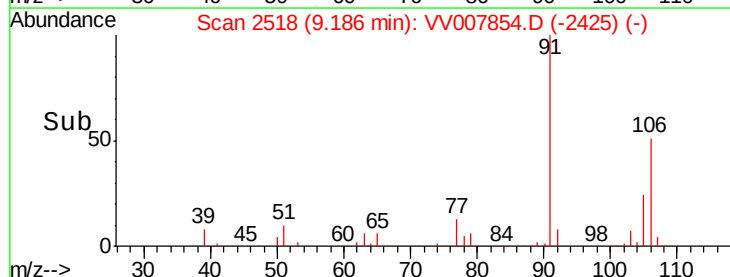
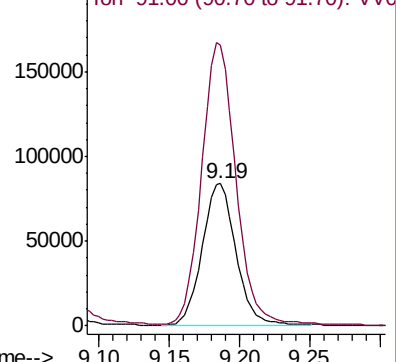
Ion Ratio Lower Upper

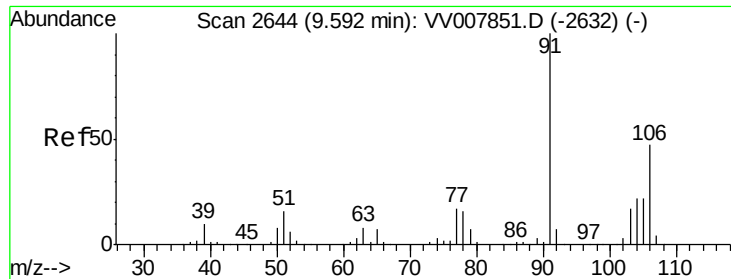
106 100

91 197.5 142.3 264.3



Abundance Ion 106.00 (105.70 to 106.70): VV007851.D (-2504) (-)

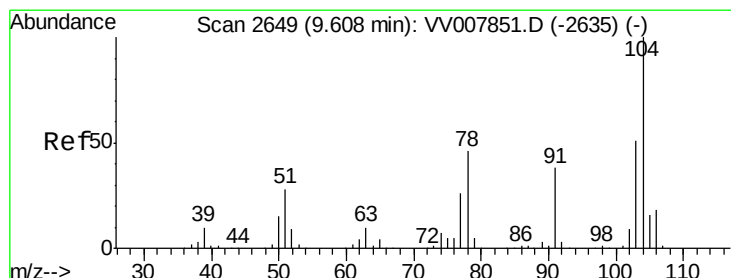
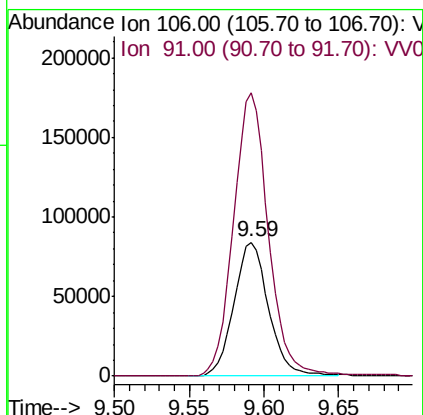
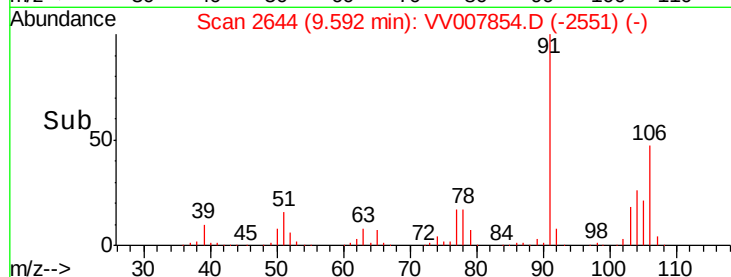
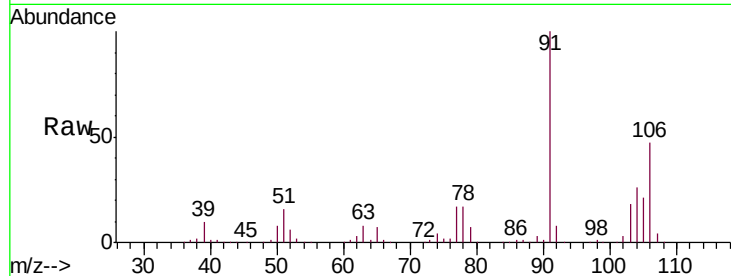




#54
o-xylene
Concen: 51.038 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VV007854.D
Acq: 25 Sep 2018 14:15

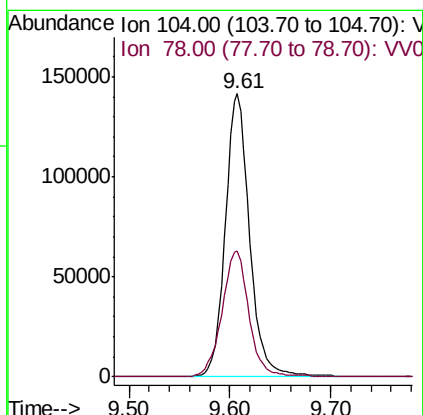
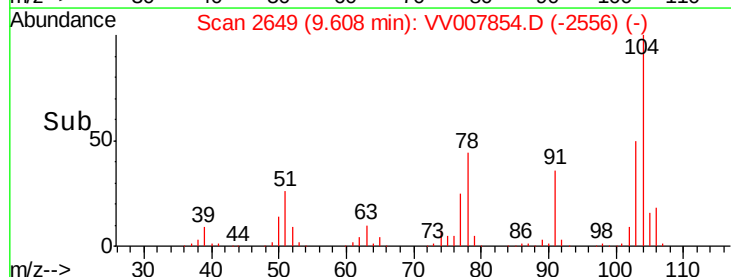
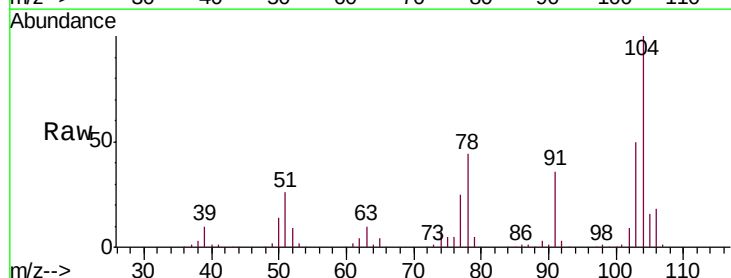
Instrument :
MSVOA_V
ClientSampled :
VICV69

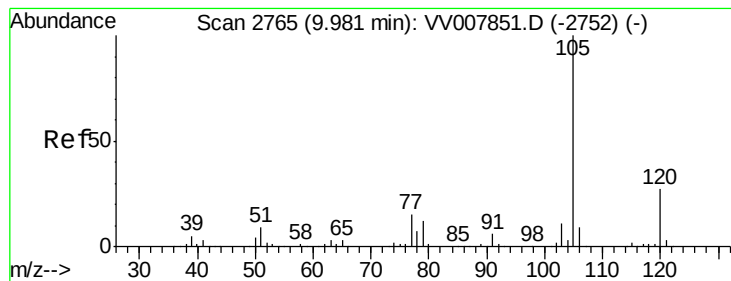
Tgt Ion:106 Resp: 135829
Ion Ratio Lower Upper
106 100
91 211.1 150.6 279.6



#55
Styrene
Concen: 52.398 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. -0.00 min
Lab File: VV007854.D
Acq: 25 Sep 2018 14:15

Tgt Ion:104 Resp: 238852
Ion Ratio Lower Upper
104 100
78 44.4 32.3 60.1





#56

Isopropylbenzene

Concen: 51.222 ug/L

RT: 9.98 min Scan# 2765

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

VICV69

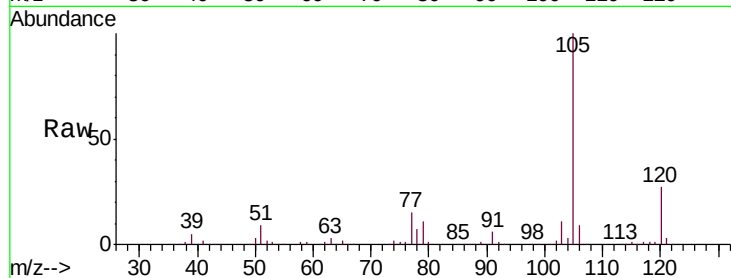
Tgt Ion: 105 Resp: 371553

Ion Ratio Lower Upper

105 100

120 27.0 21.0 31.6

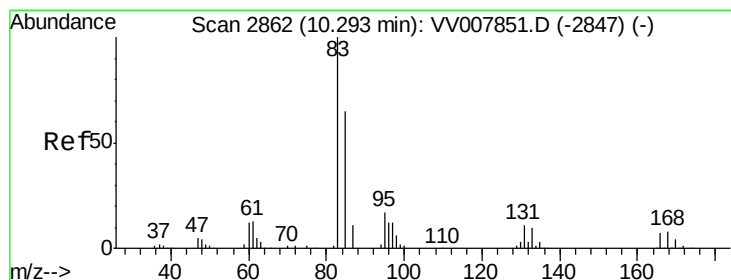
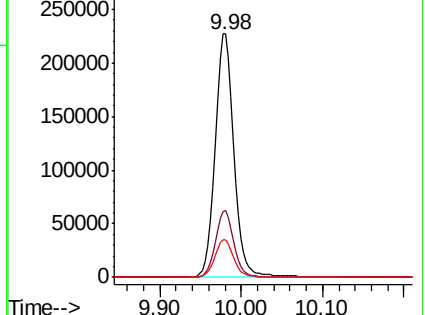
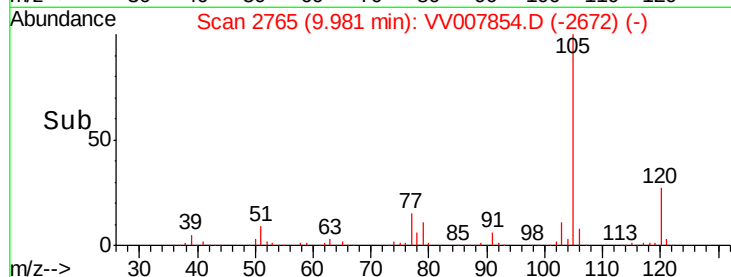
77 15.6 12.5 18.7



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



#58

1,1,2,2-Tetrachloroethane

Concen: 49.678 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

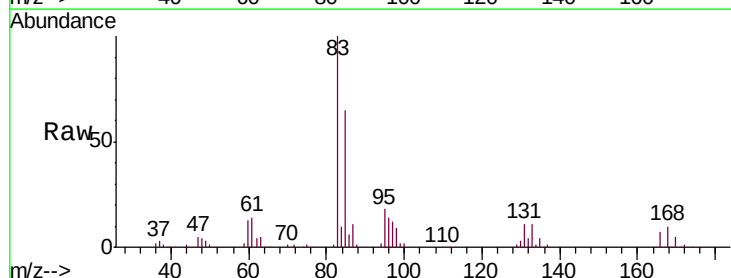
Tgt Ion: 83 Resp: 122248

Ion Ratio Lower Upper

83 100

85 64.6 45.8 85.0

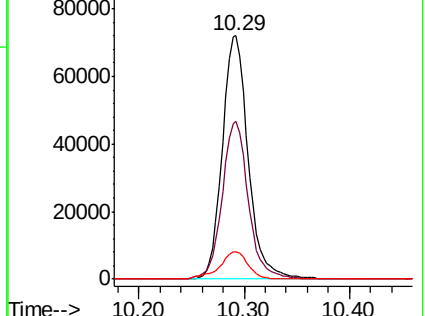
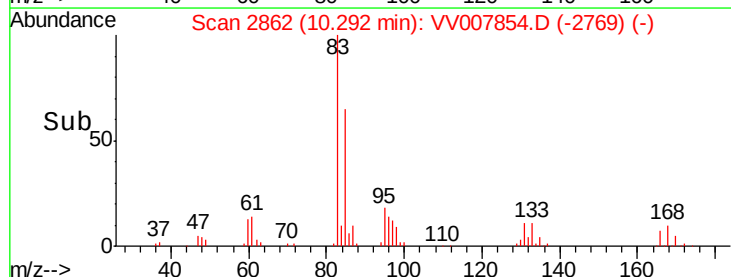
131 11.4 9.0 13.4

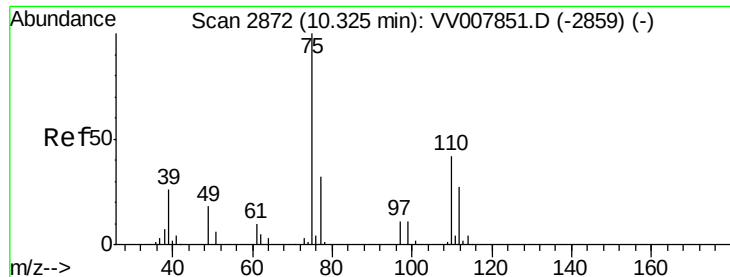


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 49.081 ug/L

RT: 10.32 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

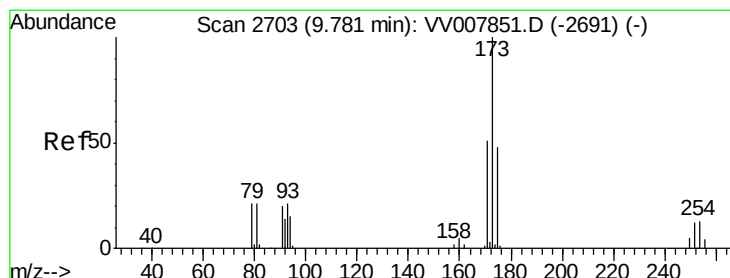
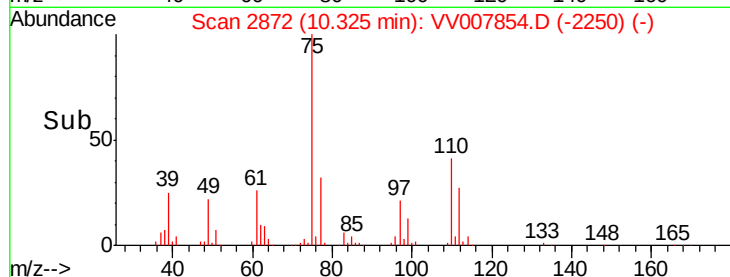
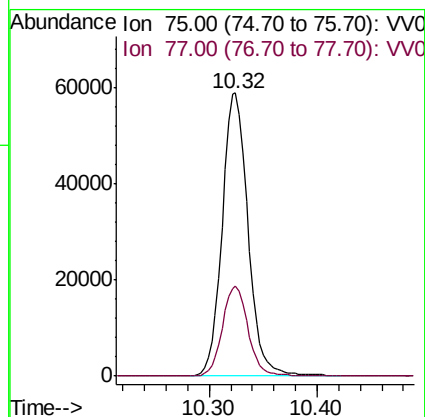
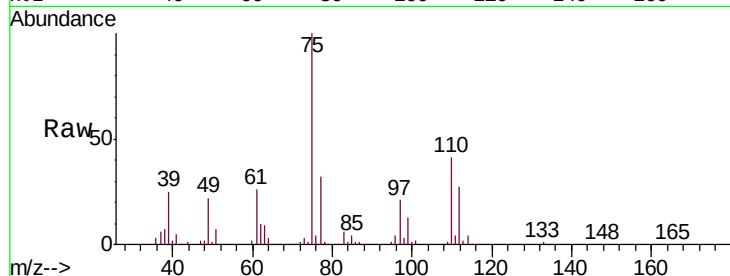
VICV69

Tgt Ion: 75 Resp: 98453

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6



#61

Bromoform

Concen: 50.937 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

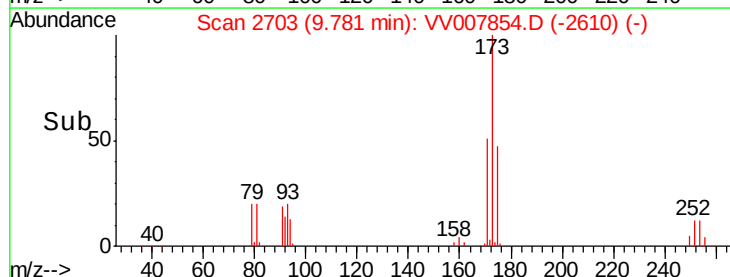
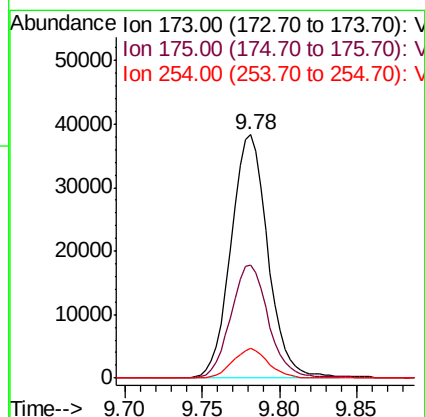
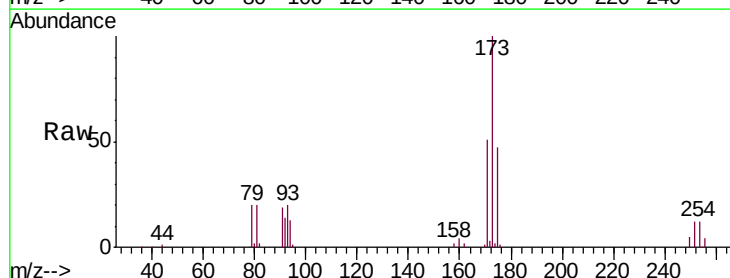
Tgt Ion: 173 Resp: 63256

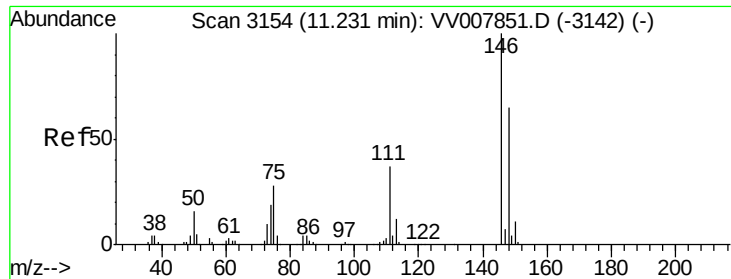
Ion Ratio Lower Upper

173 100

175 48.0 38.5 57.7

254 11.7 9.9 14.9





#62

1,3-Dichlorobenzene

Concen: 51.335 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

VICV69

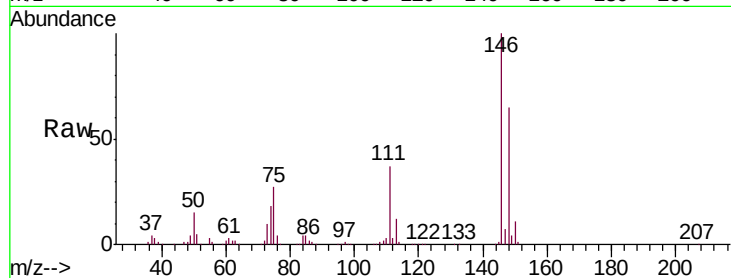
Tgt Ion:146 Resp: 189149

Ion Ratio Lower Upper

146 100

111 36.7 25.6 47.4

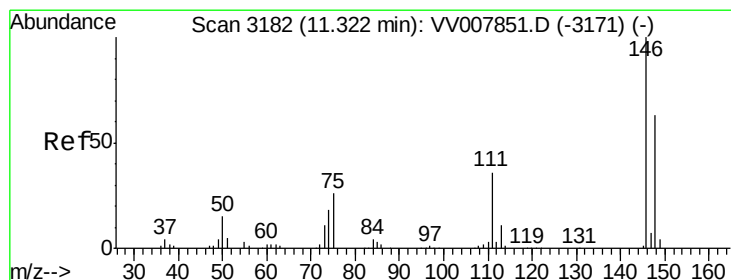
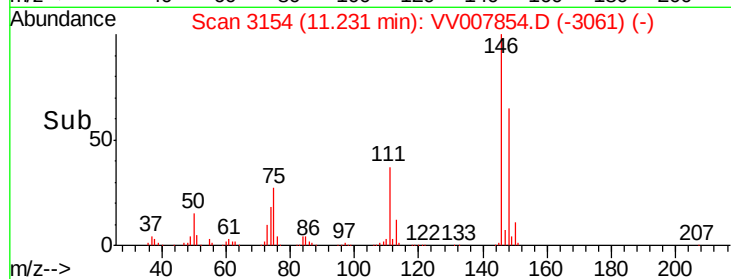
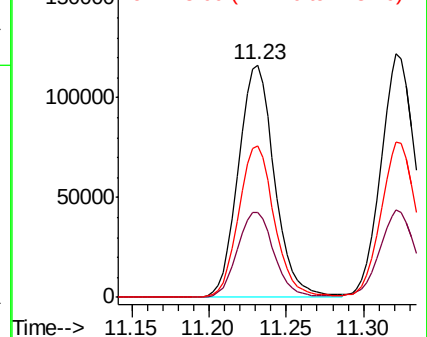
148 65.4 45.4 84.2



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



#63

1,4-Dichlorobenzene

Concen: 50.250 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

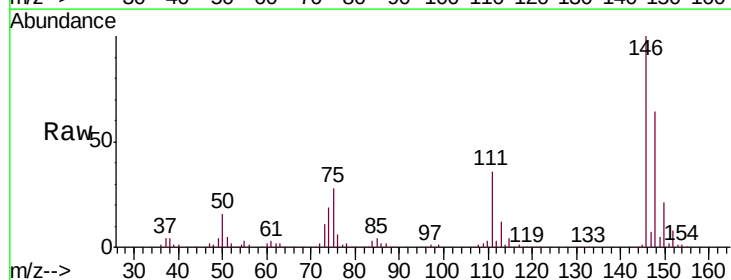
Tgt Ion:146 Resp: 196754

Ion Ratio Lower Upper

146 100

111 35.7 25.2 46.8

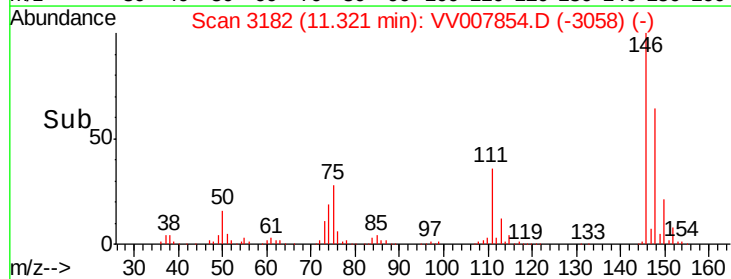
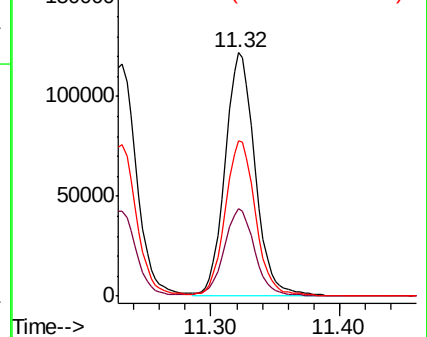
148 64.0 44.2 82.0

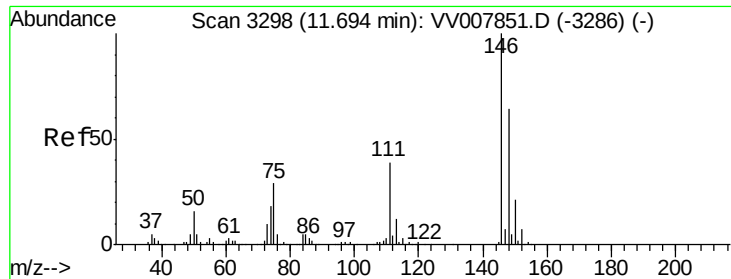


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 49.959 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampled :

VICV69

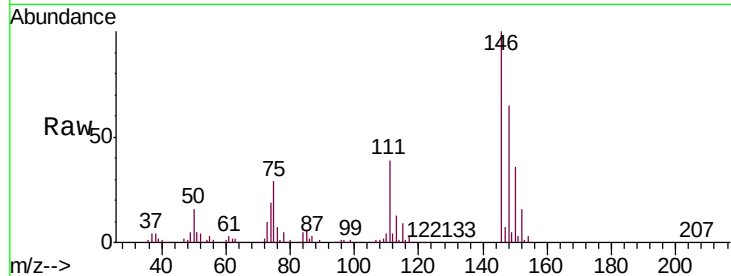
Tgt Ion:146 Resp: 191026

Ion Ratio Lower Upper

146 100

111 38.7 31.2 46.8

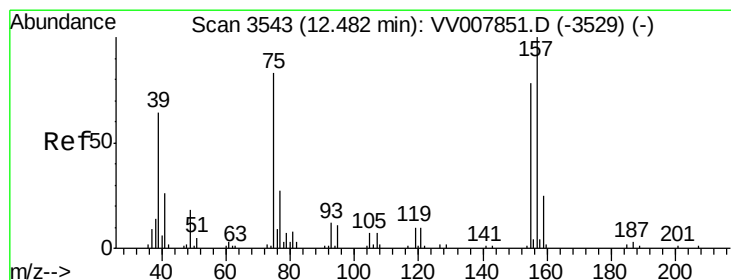
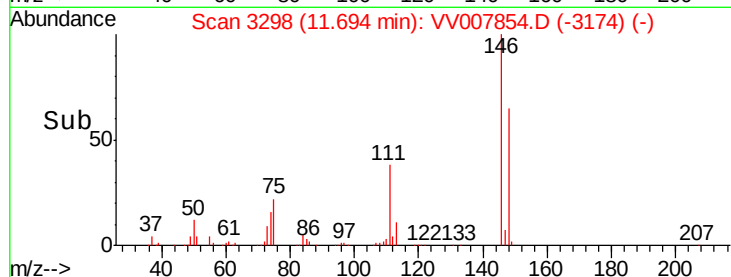
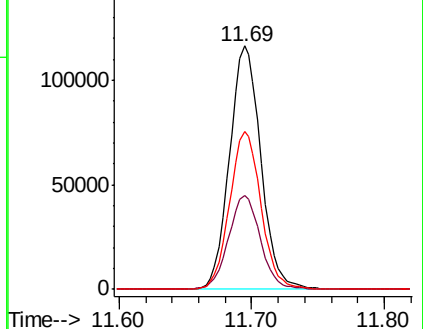
148 64.7 51.5 77.3



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



#66

1,2-Dibromo-3-chloropropane

Concen: 49.804 ug/L

RT: 12.48 min Scan# 3543

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

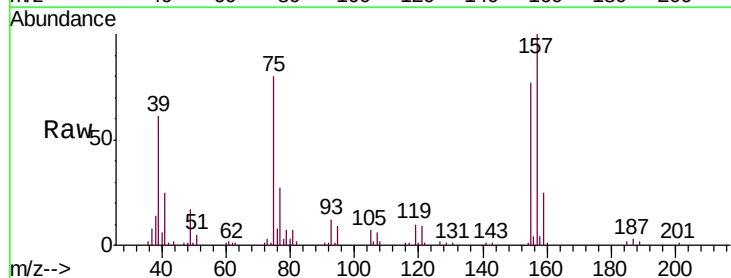
Tgt Ion: 75 Resp: 24916

Ion Ratio Lower Upper

75 100

155 96.3 75.6 113.4

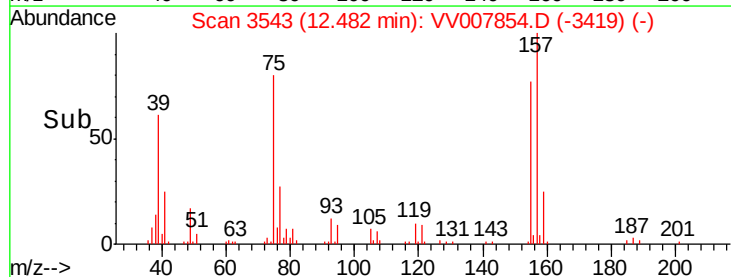
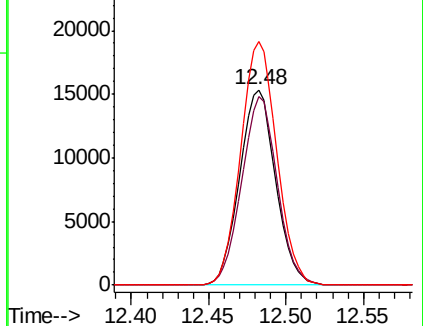
157 124.7 96.5 144.7

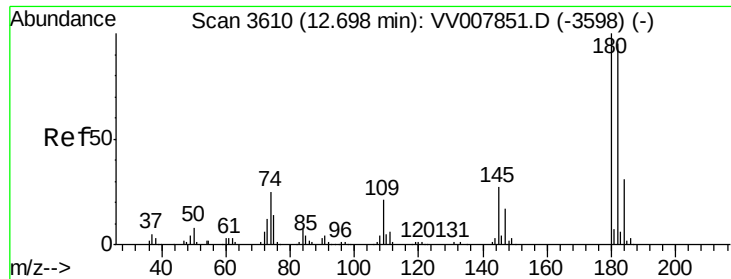


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

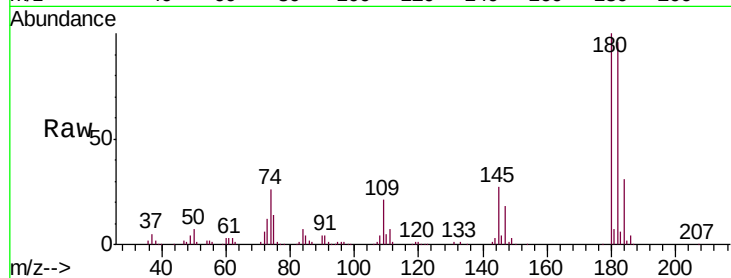




#67
 1,3,5-Trichlorobenzene
 Concen: 51.146 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. -0.00 min
 Lab File: VV007854.D
 Acq: 25 Sep 2018 14:15

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV69

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.8	115.2
184	31.0	24.6	36.8
145	27.2	21.7	32.5



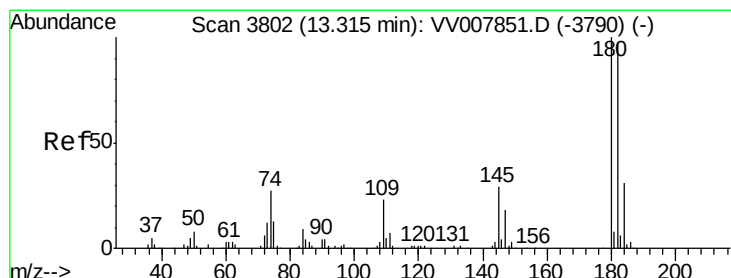
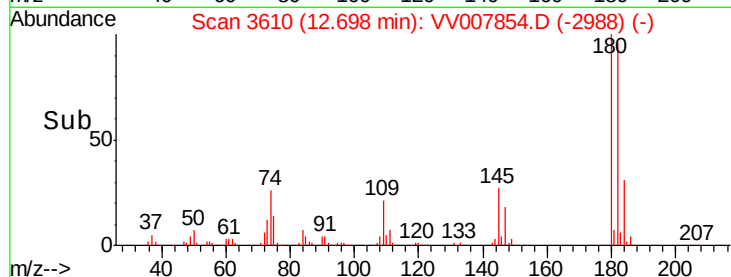
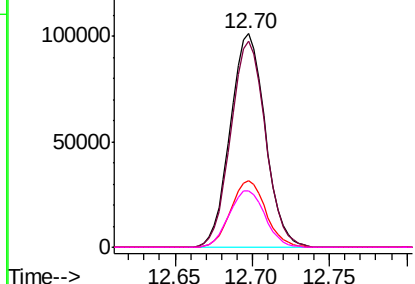
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

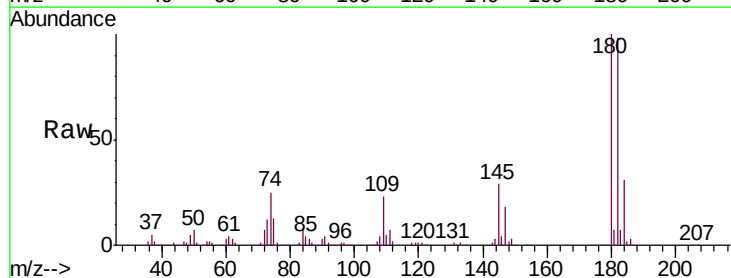
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 53.063 ug/L
 RT: 13.31 min Scan# 3802
 Delta R.T. -0.00 min
 Lab File: VV007854.D
 Acq: 25 Sep 2018 14:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.6	115.0
145	28.0	22.7	34.1

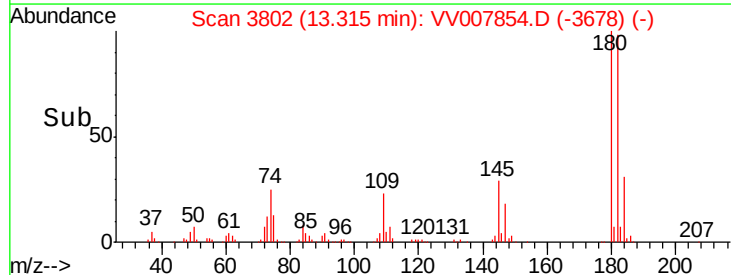
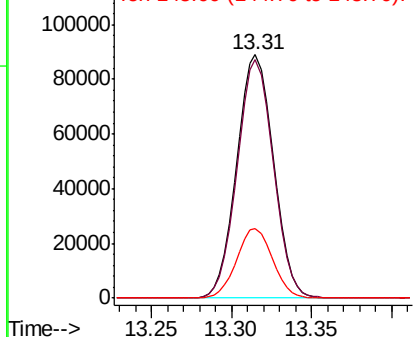


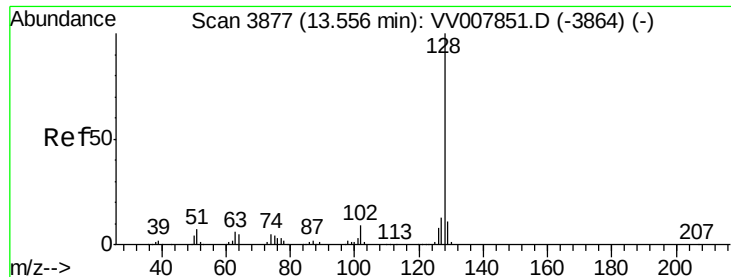
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 56.705 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

Instrument :

MSVOA_V

ClientSampleId :

VICV69

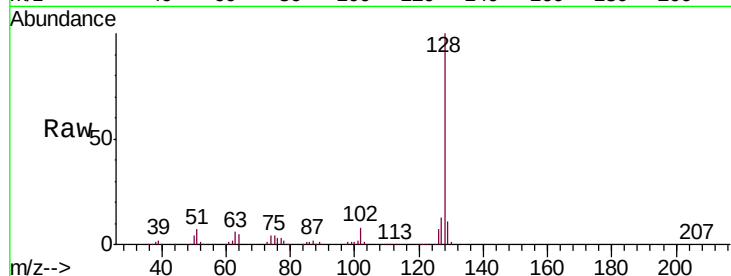
Tgt Ion:128 Resp: 363554

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

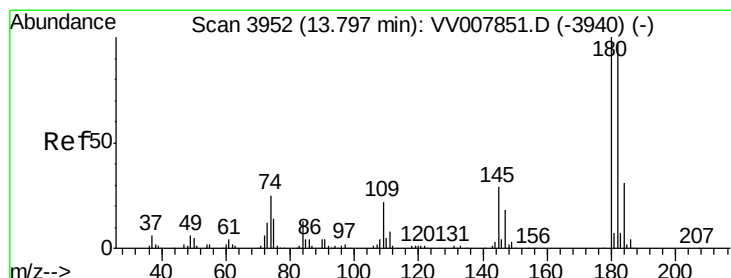
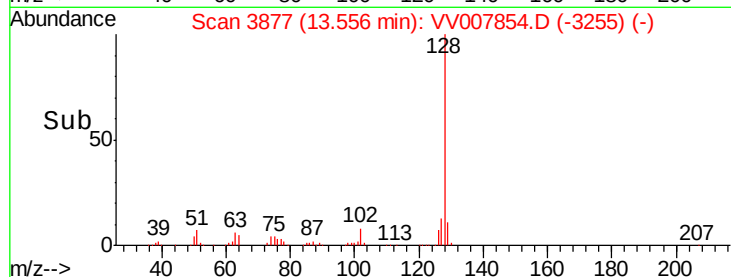
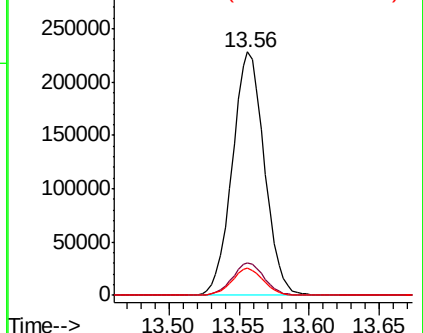
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 54.280 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. -0.00 min

Lab File: VV007854.D

Acq: 25 Sep 2018 14:15

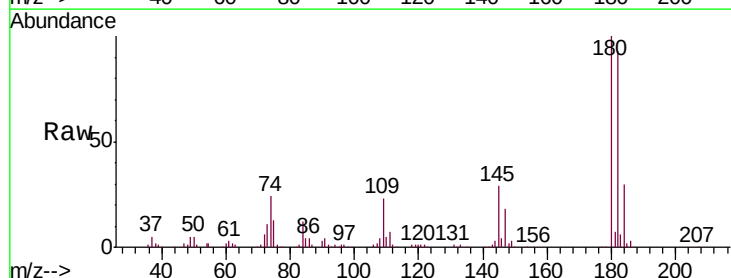
Tgt Ion:180 Resp: 144044

Ion Ratio Lower Upper

180 100

182 94.4 76.7 115.1

145 29.2 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

