

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
 Data File : VV006425.D
 Acq On : 25 Jun 2018 10:51
 Operator : SY/MD
 Sample : VSTD0.580
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

Quant Time: Jun 26 06:01:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 26 06:00:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	437477	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	393569	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	179984	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	14818	0.52	ug/L	0.00
7) Chloroethane-d5	1.59	69	12646	0.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	27097	0.53	ug/L	0.00
20) 2-Butanone-d5	3.98	46	27195	5.18	ug/L	0.00
24) Chloroform-d	4.41	84	25453	0.52	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	11702	0.51	ug/L	0.00
32) Benzene-d6	5.10	84	53372	0.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	16120	0.53	ug/L	0.00
41) Toluene-d8	7.36	98	49396	0.51	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	5587	0.50	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	18661	4.19	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	8836	0.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	17732	0.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	17359	0.541 ug/L	100
3) Chloromethane	1.26	50	19373	0.589 ug/L	99
5) Vinyl chloride	1.32	62	19981	0.560 ug/L	96
6) Bromomethane	1.54	94	11627	0.562 ug/L	97
8) Chloroethane	1.60	64	13224	0.584 ug/L	99
9) Trichlorofluoromethane	1.77	101	23279	0.542 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14510	0.538 ug/L	98
12) 1,1-Dichloroethene	2.15	96	15126	0.572 ug/L	87
13) Acetone	2.23	43	19707	5.965 ug/L	55
14) Carbon disulfide	2.32	76	42435	0.568 ug/L	97
15) Methyl Acetate	2.48	43	5457	0.561 ug/L #	71
16) Methylene chloride	2.54	84	21053	0.679 ug/L	98
17) Methyl tert-butyl Ether	2.82	73	35677	0.556 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	16768	0.579 ug/L	95
19) 1,1-Dichloroethane	3.23	63	30025	0.582 ug/L	99
21) 2-Butanone	4.07	43	34060	5.976 ug/L	82
22) cis-1,2-Dichloroethene	3.97	96	17740	0.557 ug/L	94
23) Bromochloromethane	4.31	128	7337	0.567 ug/L	91
25) Chloroform	4.43	83	29373	0.565 ug/L	98
27) 1,2-Dichloroethane	5.19	62	16621	0.569 ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	24121	0.562 ug/L	100
30) Cyclohexane	4.73	56	22721	0.530 ug/L	99
31) Carbon tetrachloride	4.88	117	19899	0.553 ug/L	100
33) Benzene	5.15	78	65820	0.566 ug/L	100
34) Trichloroethene	5.96	95	20665	0.622 ug/L	99
35) Methylcyclohexane	6.18	83	25206	0.521 ug/L	98
37) 1,2-Dichloropropane	6.23	63	16009	0.564 ug/L	97
38) Bromodichloromethane	6.56	83	18521	0.566 ug/L	97
39) cis-1,3-Dichloropropene	7.08	75	20817	0.527 ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	76192	5.513 ug/L	99

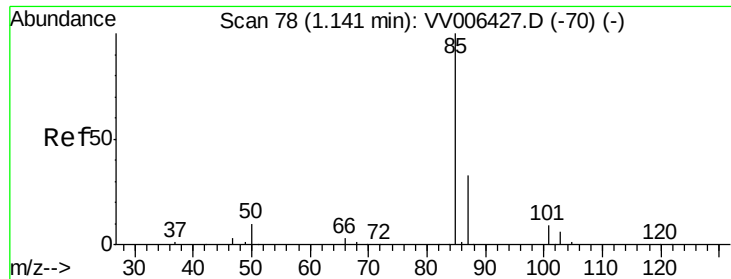
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062518\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	69457	0.564	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	16144	0.521	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	10938	0.558	ug/L	98
47) Tetrachloroethene	8.02	164	14295	0.569	ug/L	98
48) 2-Hexanone	8.20	43	55362	5.568	ug/L	97
49) Dibromochloromethane	8.30	129	10884	0.520	ug/L	99
50) 1,2-Dibromoethane	8.40	107	9328	0.529	ug/L	99
51) Chlorobenzene	8.93	112	46520	0.571	ug/L	98
52) Ethylbenzene	9.06	91	72354	0.543	ug/L	98
53) m,p-xylene	9.19	106	27638	0.538	ug/L	98
54) o-xylene	9.59	106	27096	0.537	ug/L	98
55) Styrene	9.61	104	42615	0.517	ug/L	98
56) Isopropylbenzene	9.98	105	69824	0.531	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	9411	0.509	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	8474	0.548	ug/L	97
61) Bromoform	9.78	173	5512	0.546	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	32633	0.550	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	33618	0.567	ug/L	96
65) 1,2-Dichlorobenzene	11.70	146	31195	0.562	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	1236	0.524	ug/L	88
67) 1,3,5-Trichlorobenzene	12.70	180	24599	0.546	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	15566	0.471	ug/L	100
69) Naphthalene	13.56	128	19632	0.407	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	14724	0.479	ug/L	98

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



#2

Dichlorodifluoromethane

Concen: 0.541 ug/L

RT: 1.14 min Scan# 78

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

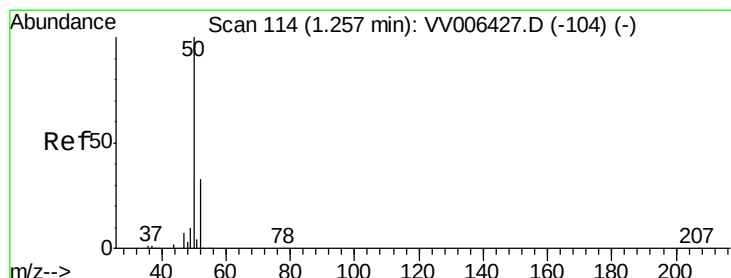
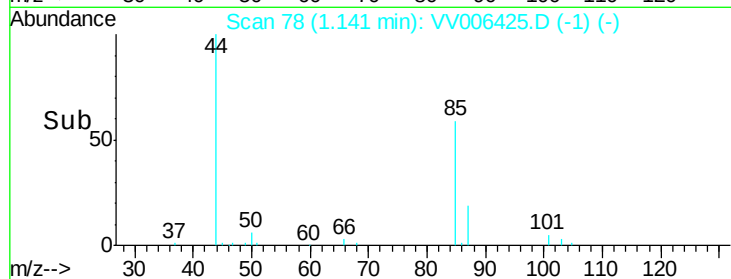
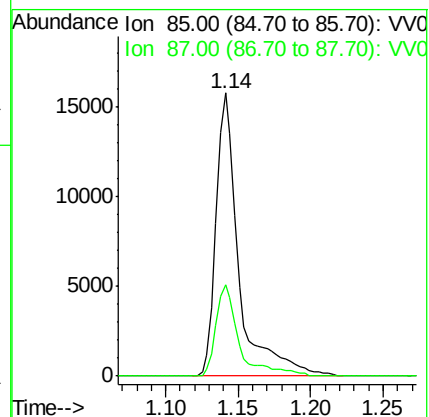
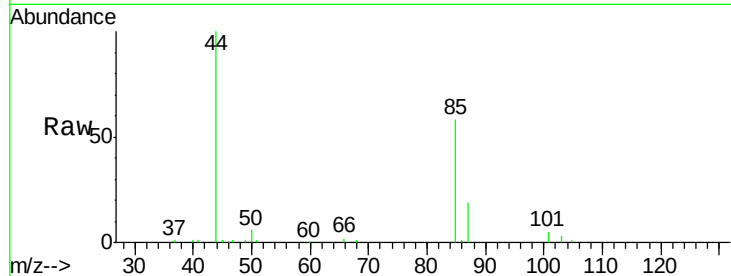
VSTD0.580

Tgt Ion: 85 Resp: 17359

Ion Ratio Lower Upper

85 100

87 32.3 25.9 38.9



#3

Chloromethane

Concen: 0.589 ug/L

RT: 1.26 min Scan# 114

Delta R.T. -0.00 min

Lab File: VV006425.D

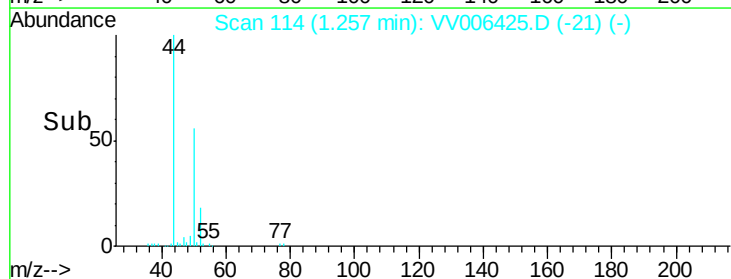
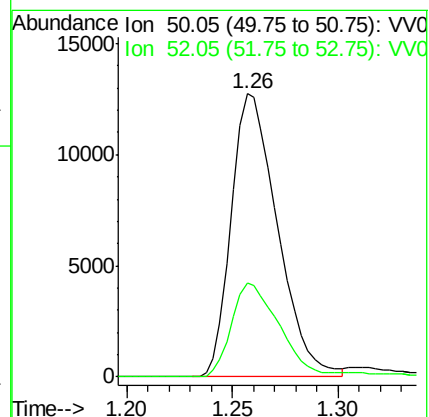
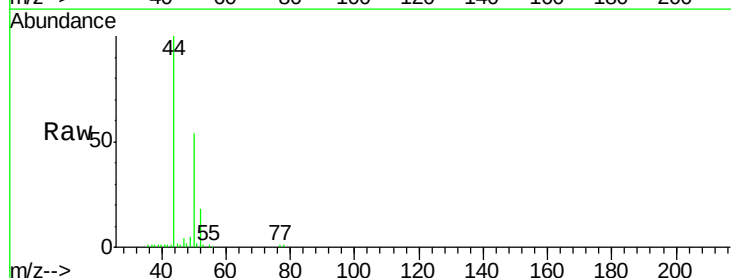
Acq: 25 Jun 2018 10:51

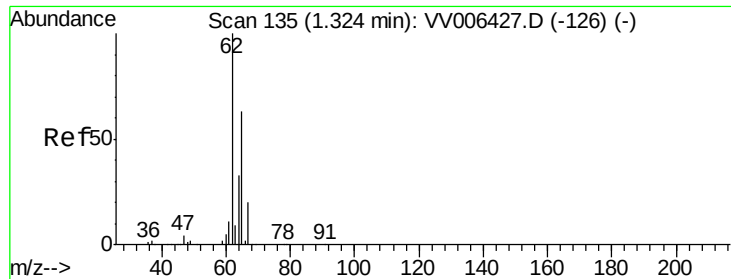
Tgt Ion: 50 Resp: 19373

Ion Ratio Lower Upper

50 100

52 33.2 22.9 42.5





#5

Vinyl chloride

Concen: 0.560 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

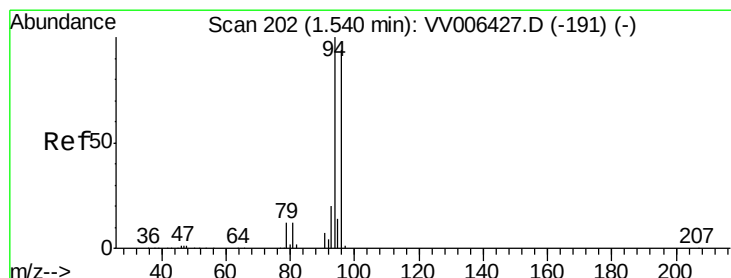
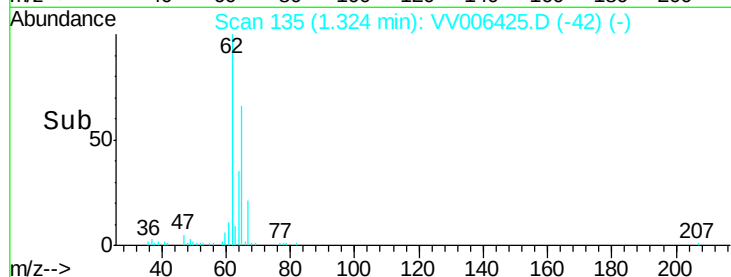
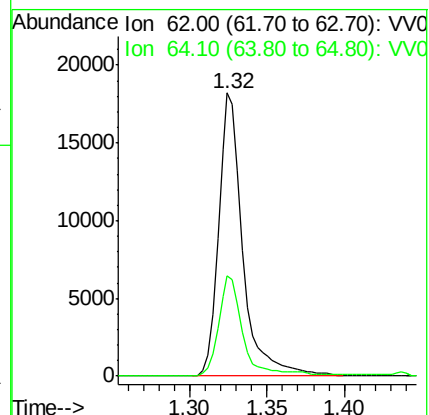
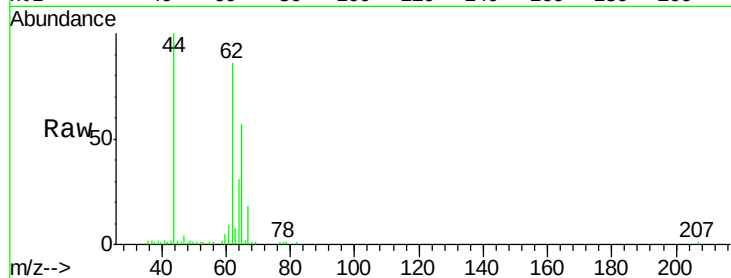
VSTD0.580

Tgt Ion: 62 Resp: 19981

Ion Ratio Lower Upper

62 100

64 35.4 23.1 42.9



#6

Bromomethane

Concen: 0.562 ug/L

RT: 1.54 min Scan# 202

Delta R.T. -0.00 min

Lab File: VV006425.D

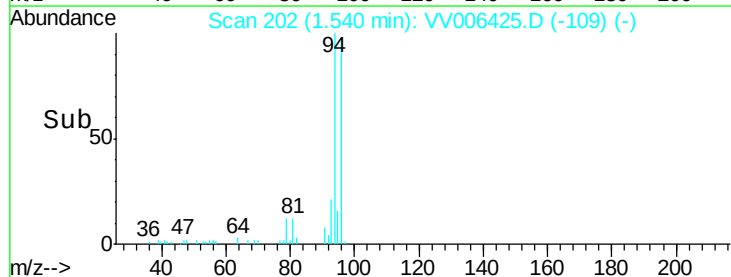
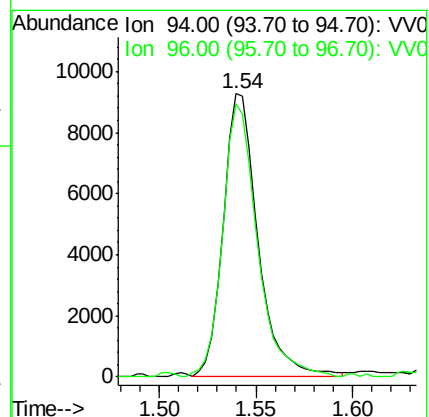
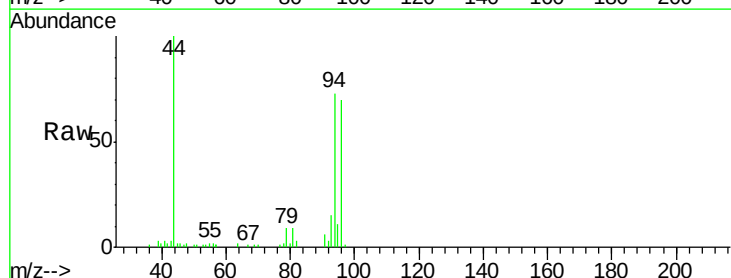
Acq: 25 Jun 2018 10:51

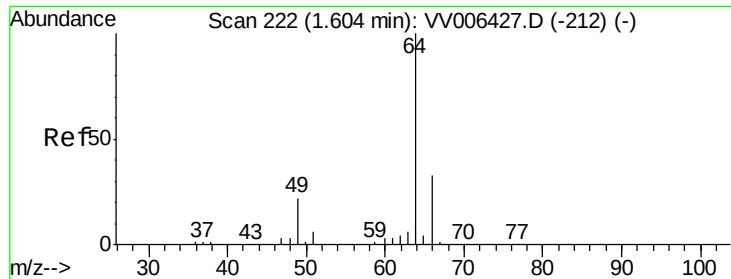
Tgt Ion: 94 Resp: 11627

Ion Ratio Lower Upper

94 100

96 96.5 65.7 122.1

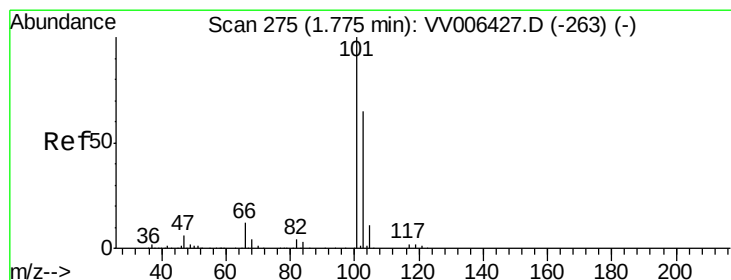
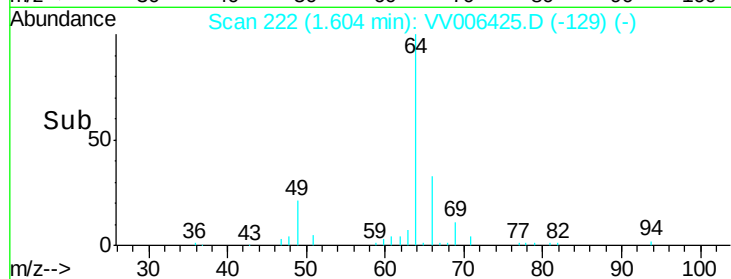
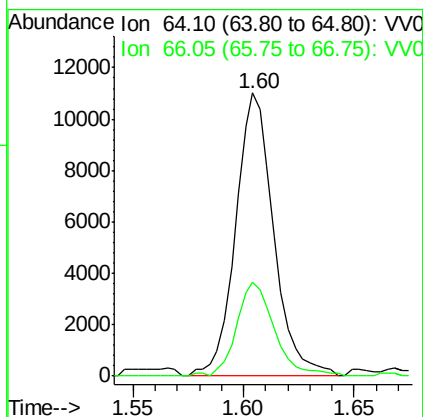
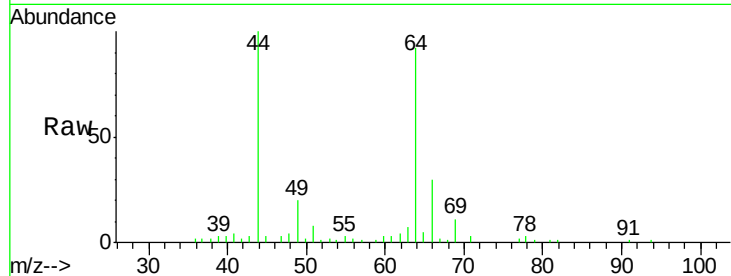




#8
Chloroethane
Concen: 0.584 ug/L
RT: 1.60 min Scan# 222
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

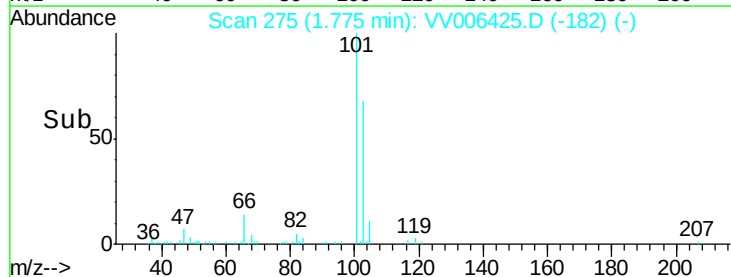
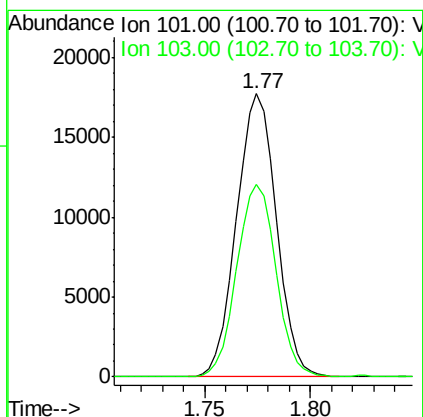
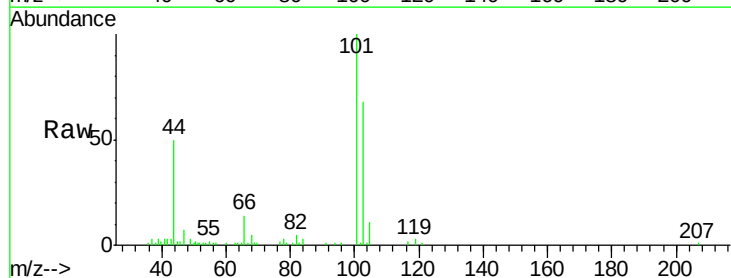
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.580

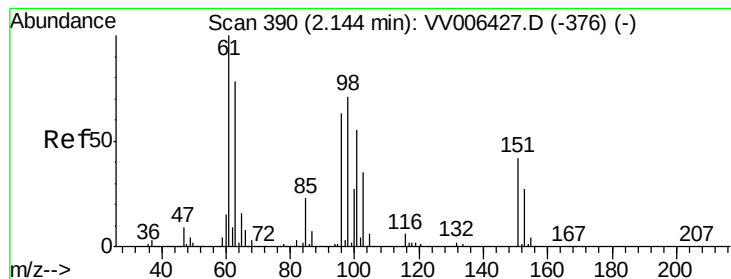
Tgt Ion: 64 Resp: 13224
Ion Ratio Lower Upper
64 100
66 33.1 22.8 42.4



#9
Trichlorofluoromethane
Concen: 0.542 ug/L
RT: 1.77 min Scan# 275
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

Tgt Ion: 101 Resp: 23279
Ion Ratio Lower Upper
101 100
103 67.1 51.5 77.3





#10

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

Concen: 0.538 ug/L

RT: 2.14 min Scan# 390

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.580

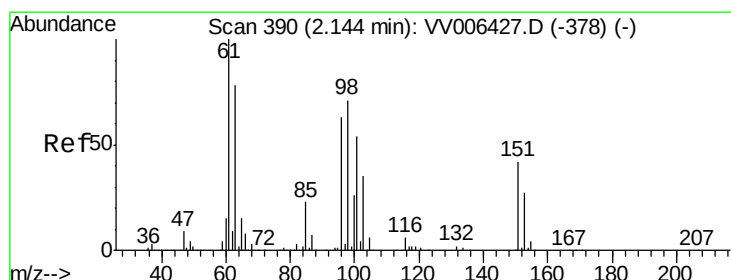
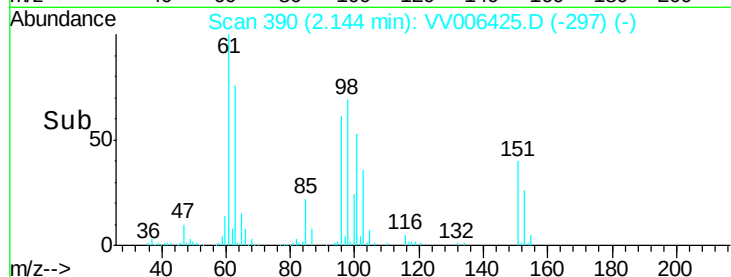
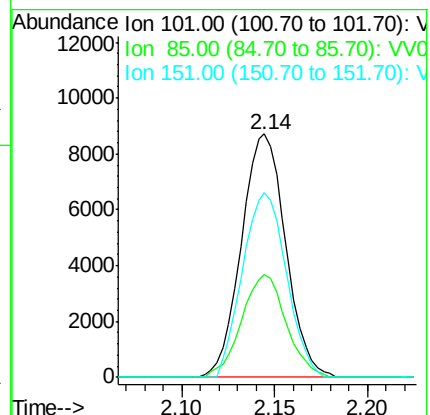
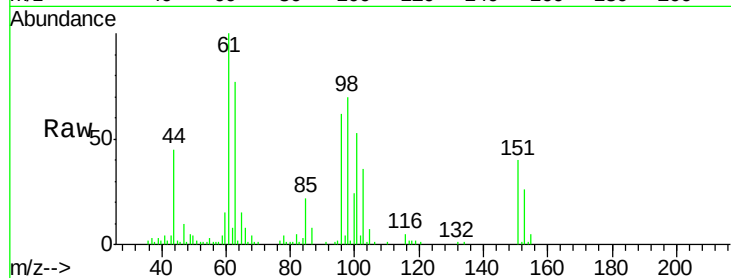
Tgt Ion:101 Resp: 14510

Ion Ratio Lower Upper

101 100

85 42.5 33.1 49.7

151 75.2 61.7 92.5



#12

1,1-Dichloroethene

Concen: 0.572 ug/L

RT: 2.15 min Scan# 391

Delta R.T. 0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

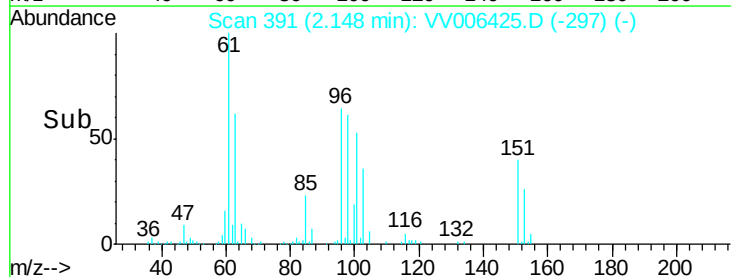
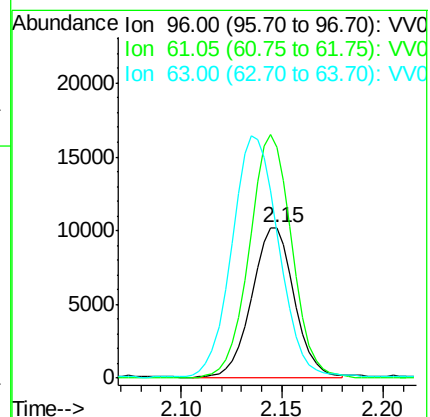
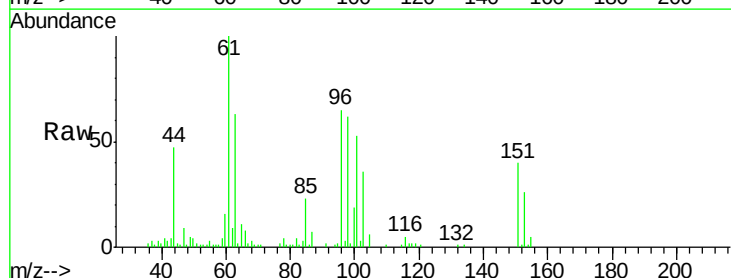
Tgt Ion: 96 Resp: 15126

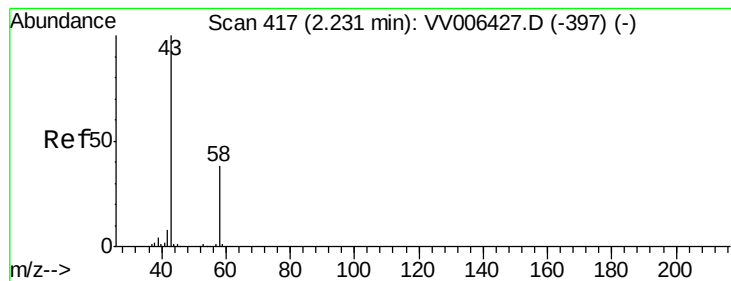
Ion Ratio Lower Upper

96 100

61 153.7 111.4 207.0

63 96.4 87.4 162.2





#13

Acetone

Concen: 5.965 ug/L

RT: 2.23 min Scan# 416

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

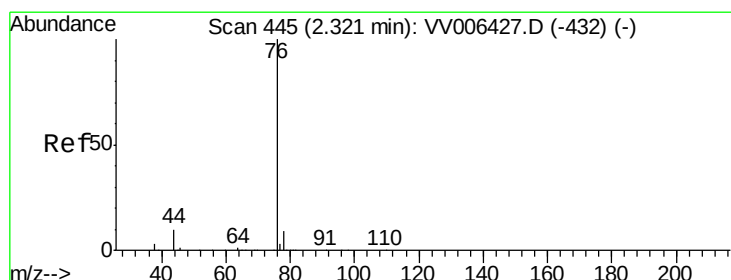
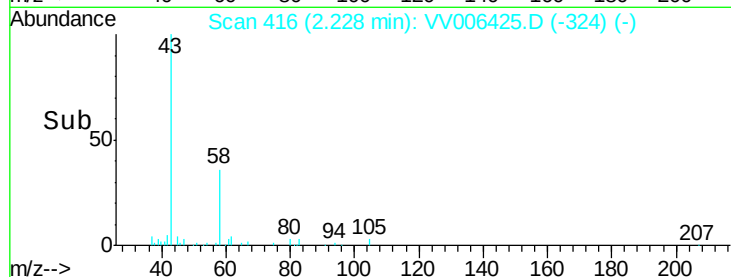
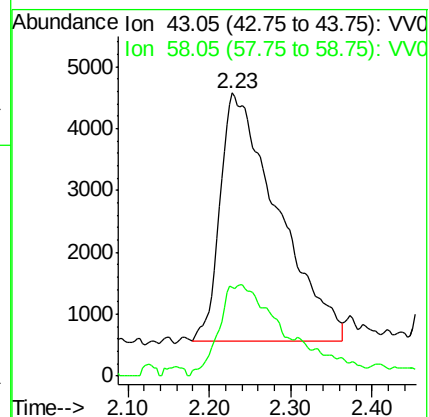
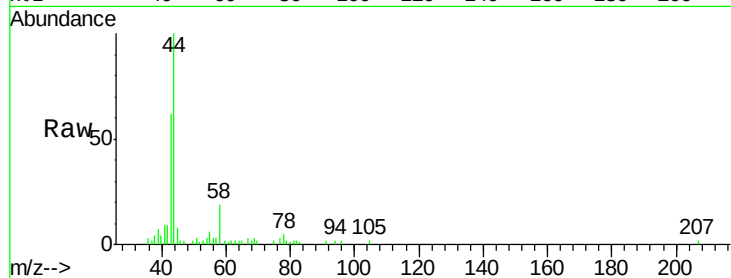
VSTD0.580

Tgt Ion: 43 Resp: 19707

Ion Ratio Lower Upper

43 100

58 11.0 0.0 77.4



#14

Carbon disulfide

Concen: 0.568 ug/L

RT: 2.32 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV006425.D

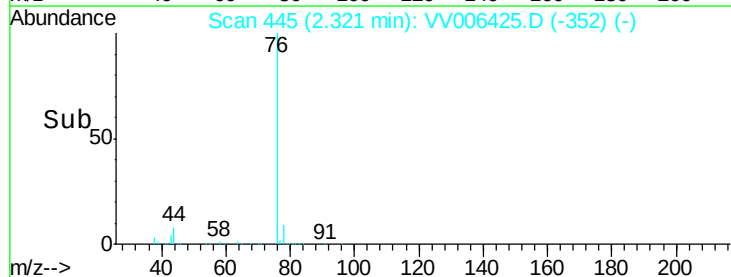
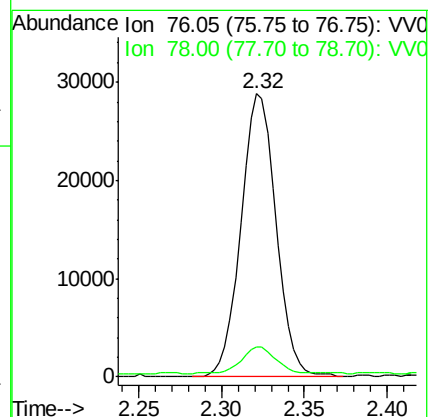
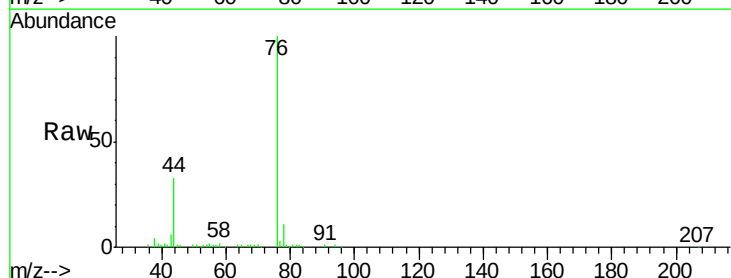
Acq: 25 Jun 2018 10:51

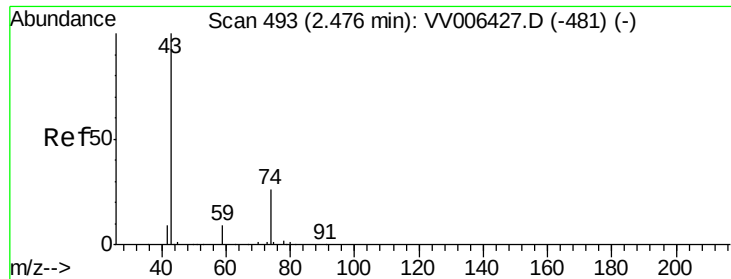
Tgt Ion: 76 Resp: 42435

Ion Ratio Lower Upper

76 100

78 10.7 7.5 11.3

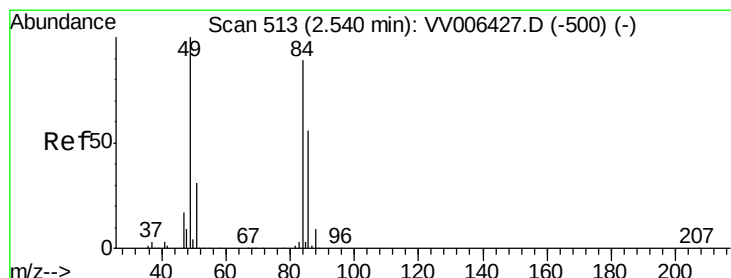
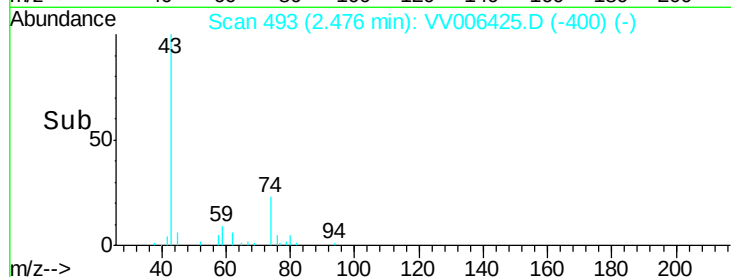
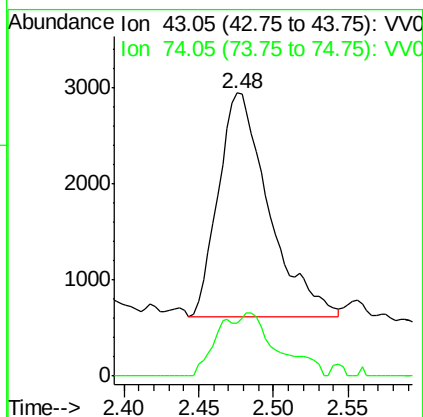
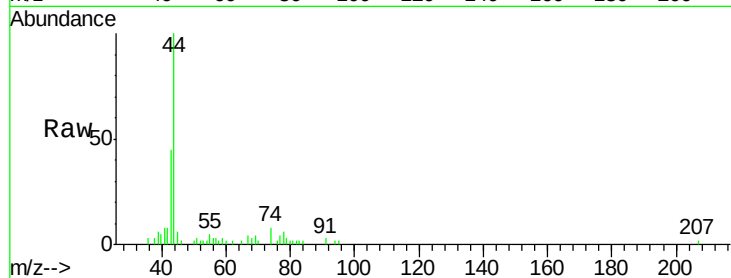




#15
Methyl Acetate
Concen: 0.561 ug/L
RT: 2.48 min Scan# 493
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

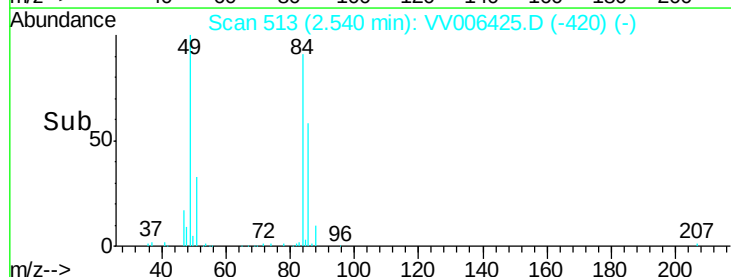
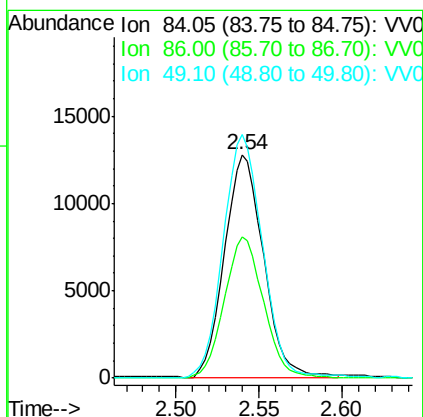
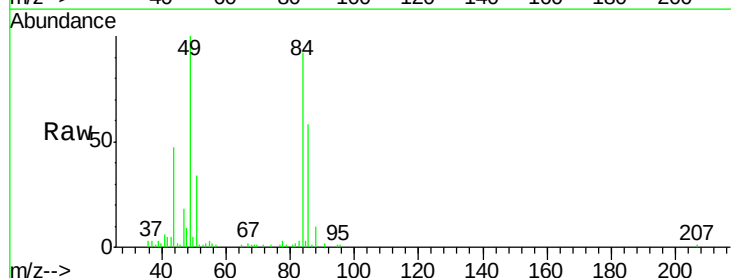
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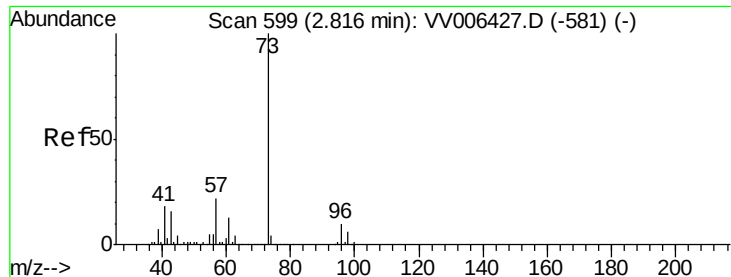
Tgt Ion: 43 Resp: 5457
Ion Ratio Lower Upper
43 100
74 12.6 22.2 33.4#



#16
Methylene chloride
Concen: 0.679 ug/L
RT: 2.54 min Scan# 513
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

Tgt Ion: 84 Resp: 21053
Ion Ratio Lower Upper
84 100
86 63.3 44.2 82.2
49 109.0 79.0 146.8

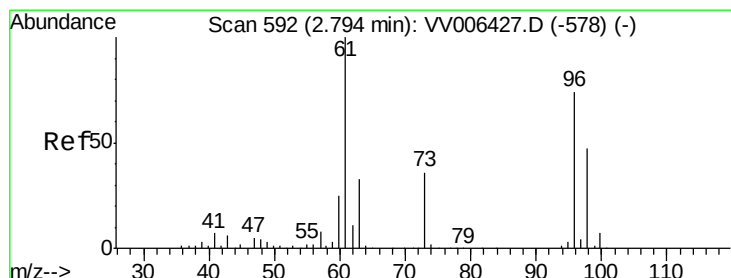
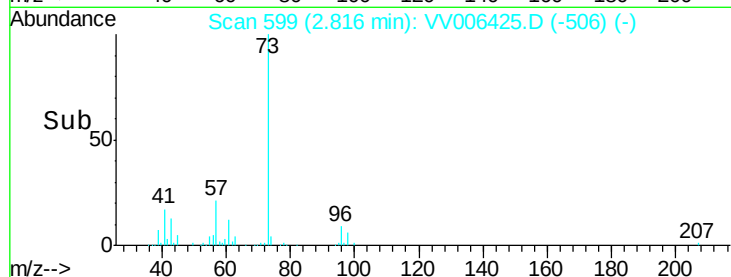
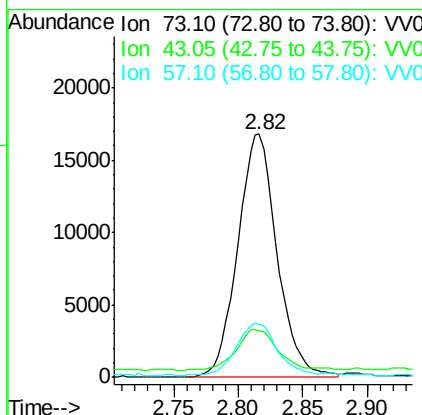
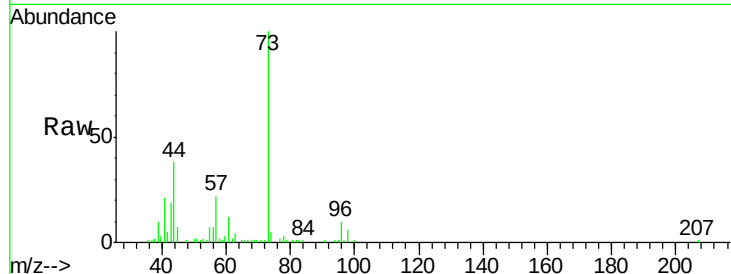




#17
Methyl tert-butyl Ether
Concen: 0.556 ug/L
RT: 2.82 min Scan# 599
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

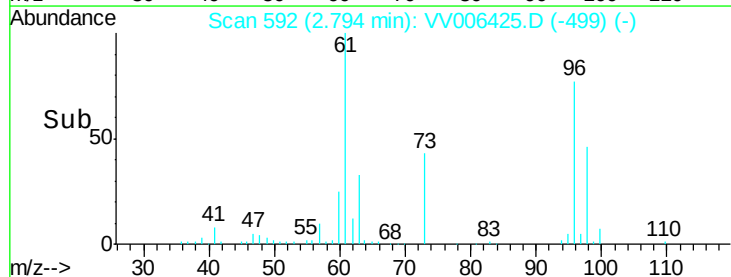
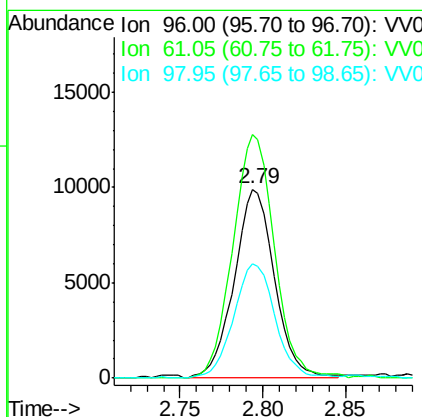
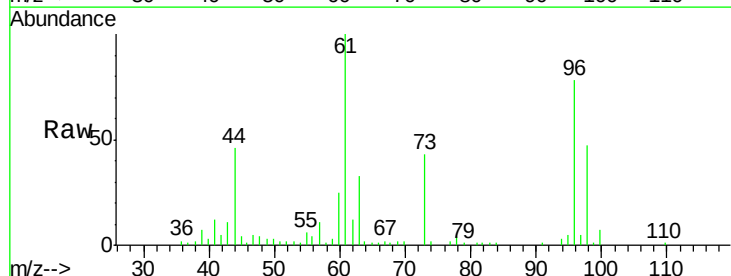
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.580

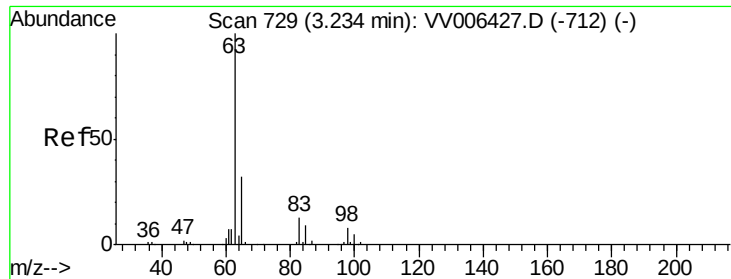
Tgt Ion: 73 Resp: 35677
Ion Ratio Lower Upper
73 100
43 17.8 12.9 19.3
57 22.2 17.5 26.3



#18
trans-1,2-Dichloroethene
Concen: 0.579 ug/L
RT: 2.79 min Scan# 592
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

Tgt Ion: 96 Resp: 16768
Ion Ratio Lower Upper
96 100
61 128.9 94.4 175.2
98 60.5 44.3 82.3

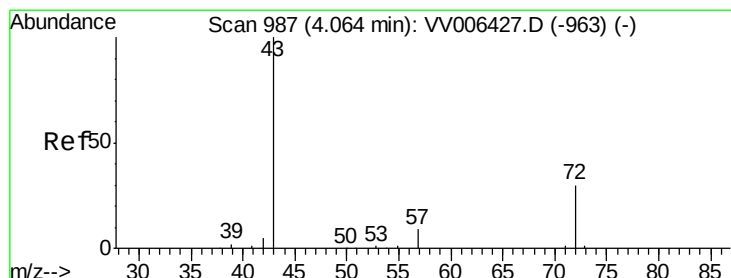
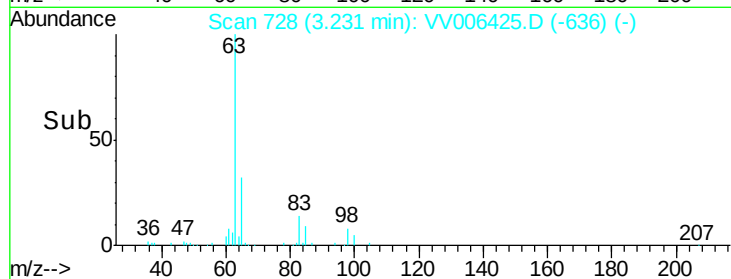
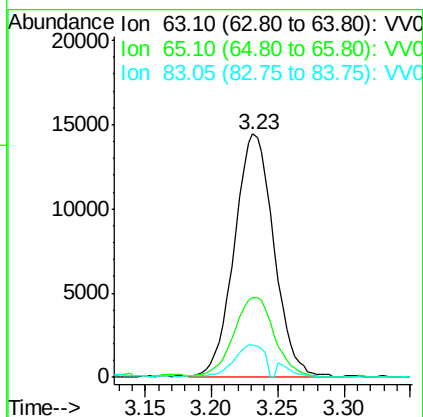
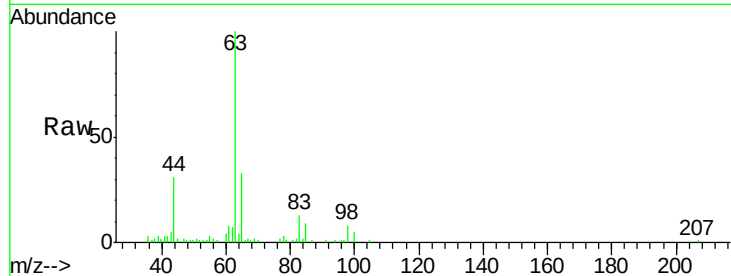




#19
 1,1-Dichloroethane
 Concen: 0.582 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

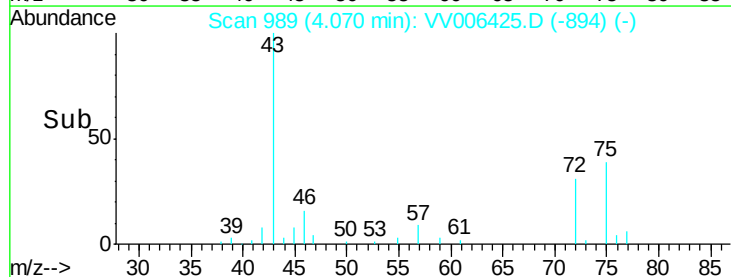
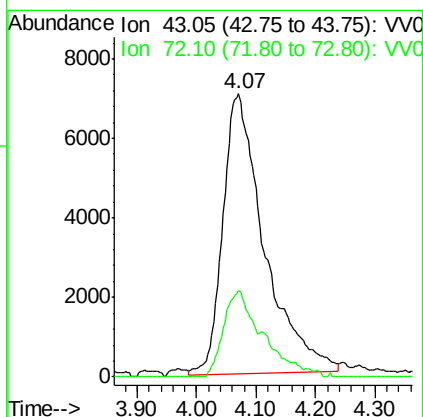
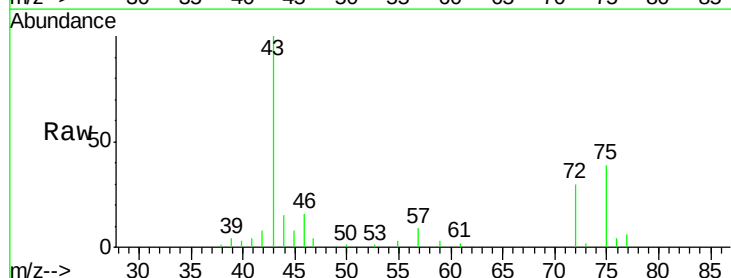
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

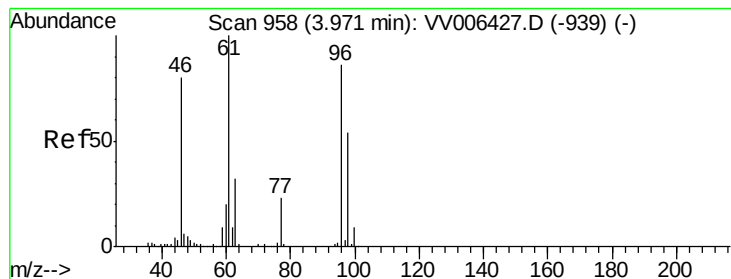
Tgt Ion: 63 Resp: 30025
 Ion Ratio Lower Upper
 63 100
 65 32.6 22.2 41.2
 83 13.5 9.2 17.2



#21
 2-Butanone
 Concen: 5.976 ug/L
 RT: 4.07 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Tgt Ion: 43 Resp: 34060
 Ion Ratio Lower Upper
 43 100
 72 21.0 15.4 46.1



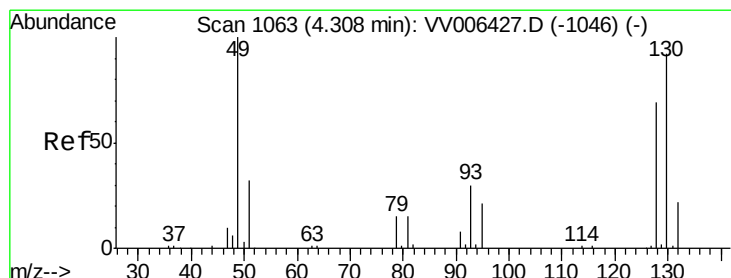
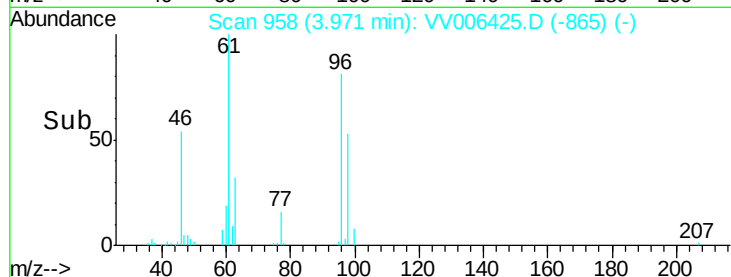
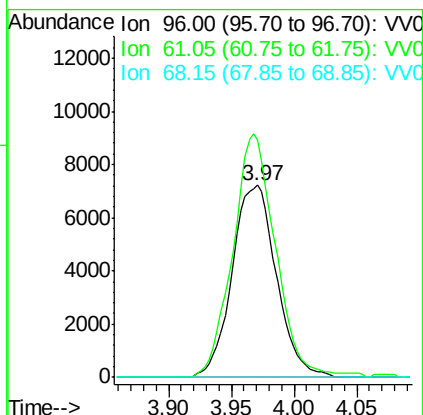
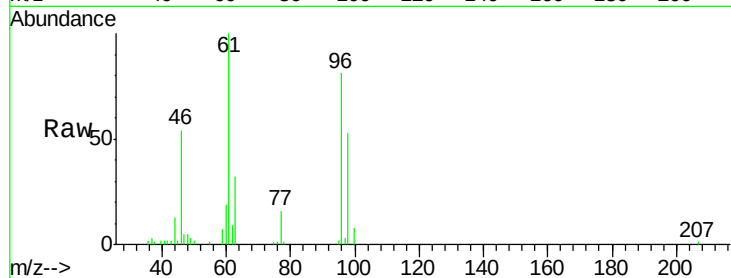


#22

cis-1,2-Dichloroethene
 Concen: 0.557 ug/L
 RT: 3.97 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

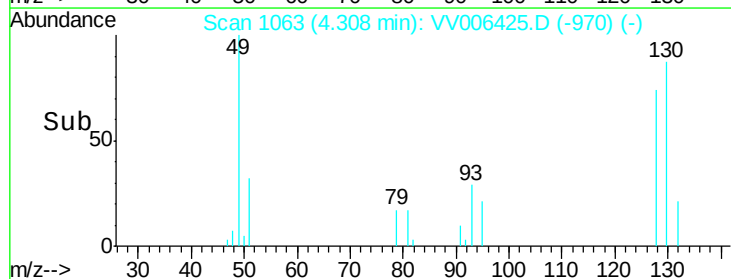
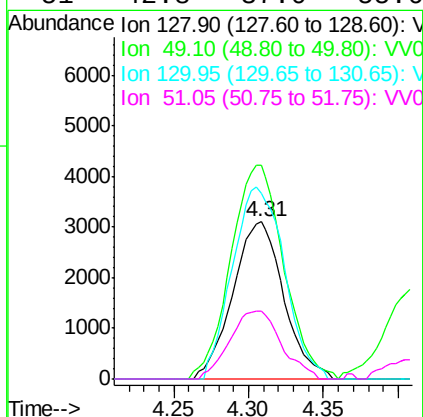
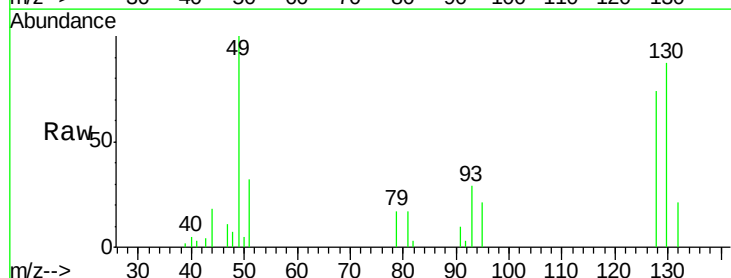
Tgt Ion: 96 Resp: 17740
 Ion Ratio Lower Upper
 96 100
 61 123.3 81.8 151.8
 68 0.0 0.0 0.0

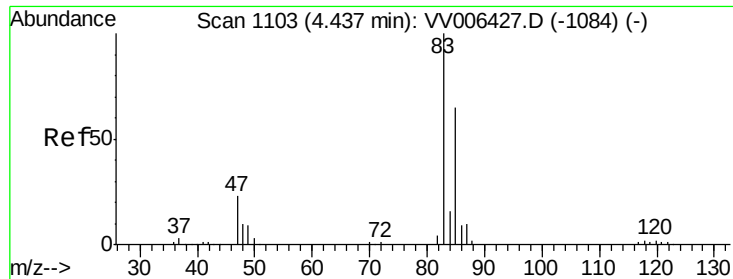


#23

Bromochloromethane
 Concen: 0.567 ug/L
 RT: 4.31 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Tgt Ion: 128 Resp: 7337
 Ion Ratio Lower Upper
 128 100
 49 135.8 101.2 188.0
 130 118.2 93.0 172.6
 51 42.8 37.0 55.6





#25

Chloroform

Concen: 0.565 ug/L

RT: 4.43 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

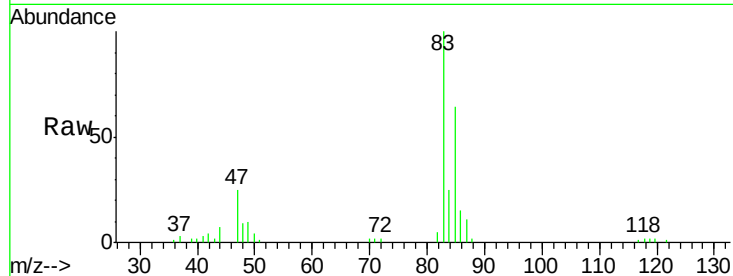
VSTD0.580

Tgt Ion: 83 Resp: 29373

Ion Ratio Lower Upper

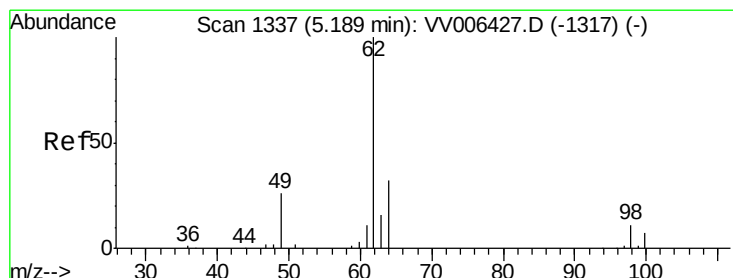
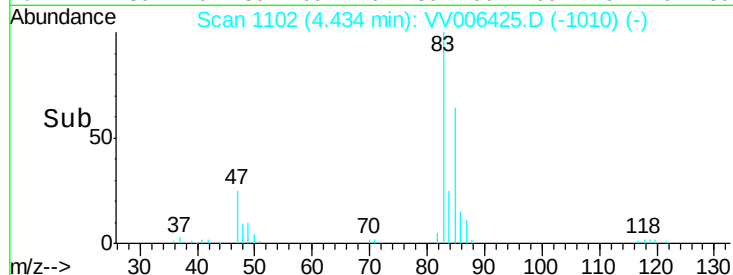
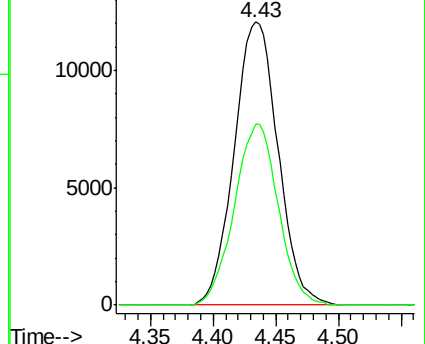
83 100

85 63.8 45.6 84.6



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0



#27

1,2-Dichloroethane

Concen: 0.569 ug/L

RT: 5.19 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VV006425.D

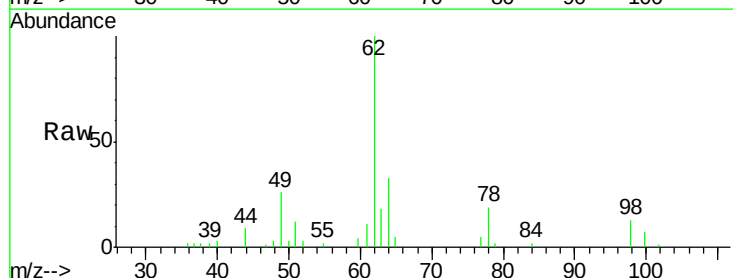
Acq: 25 Jun 2018 10:51

Tgt Ion: 62 Resp: 16621

Ion Ratio Lower Upper

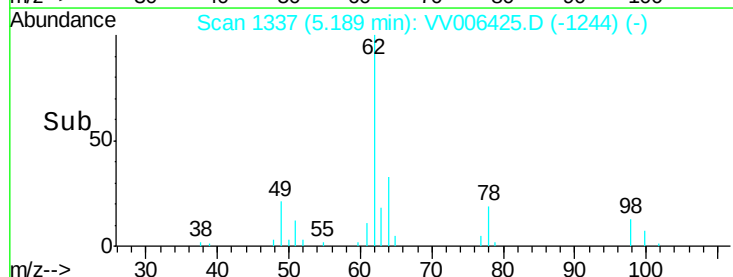
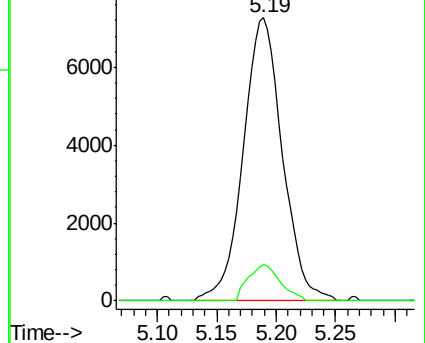
62 100

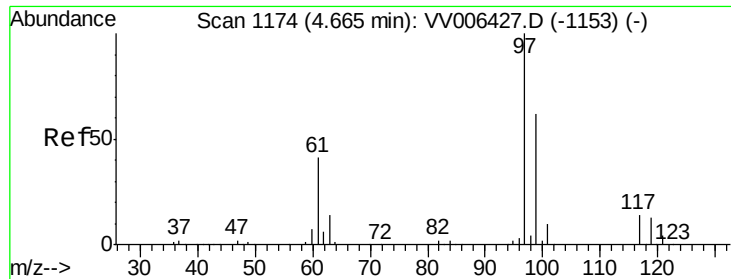
98 12.8 8.8 13.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0

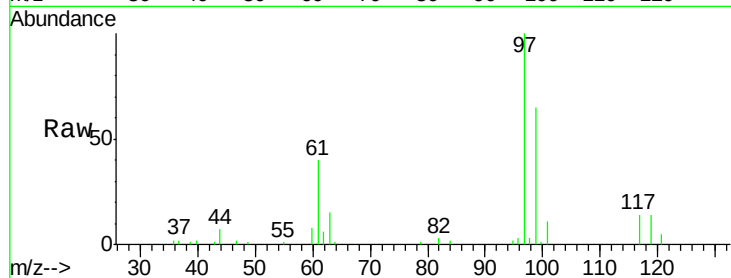




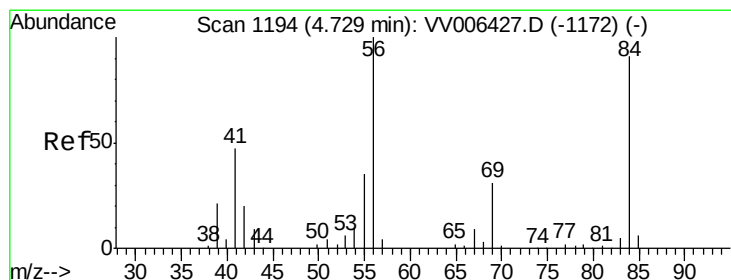
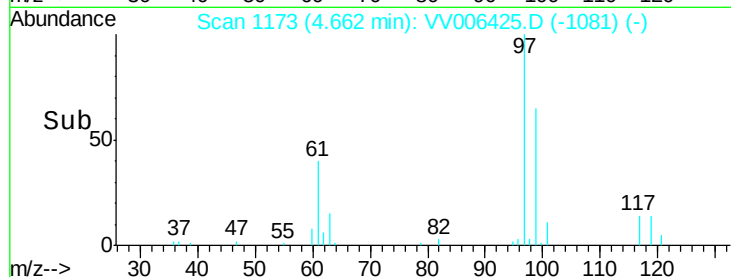
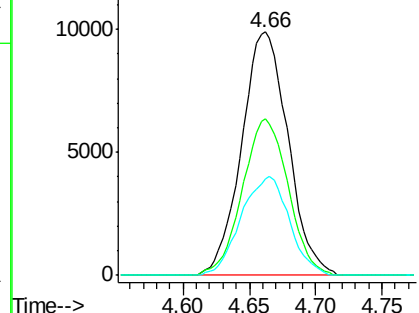
#29
 1,1,1-Trichloroethane
 Concen: 0.562 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

Tgt Ion: 97 Resp: 24121
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.0 76.4
 61 42.0 33.8 50.6

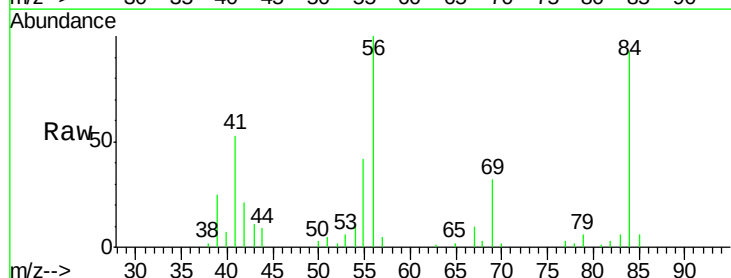


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

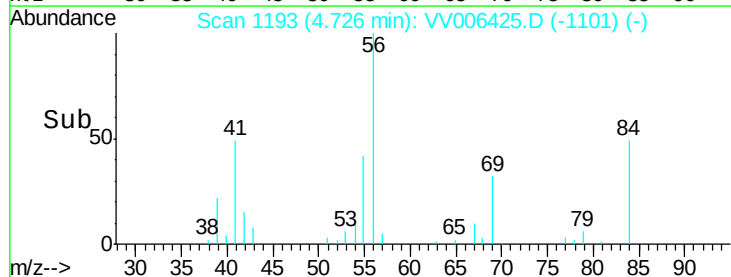
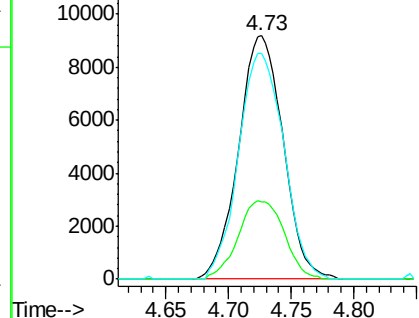


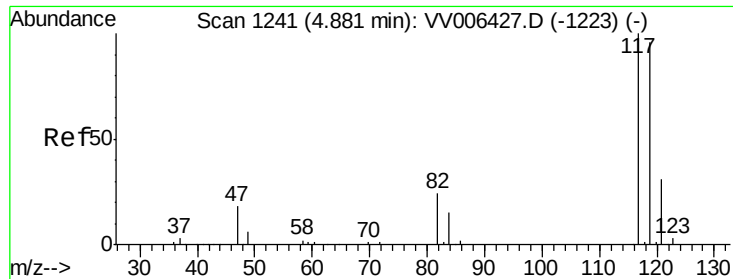
#30
 Cyclohexane
 Concen: 0.530 ug/L
 RT: 4.73 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Tgt Ion: 56 Resp: 22721
 Ion Ratio Lower Upper
 56 100
 69 33.2 25.6 38.4
 84 94.4 75.4 113.0



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





#31

Carbon tetrachloride

Concen: 0.553 ug/L

RT: 4.88 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

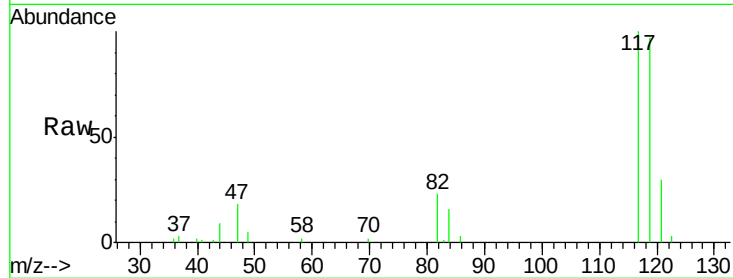
VSTD0.580

Tgt Ion:117 Resp: 19899

Ion Ratio Lower Upper

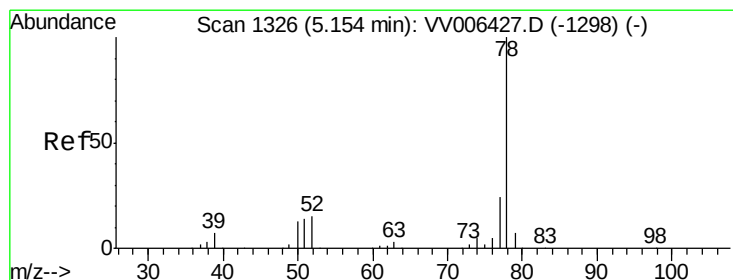
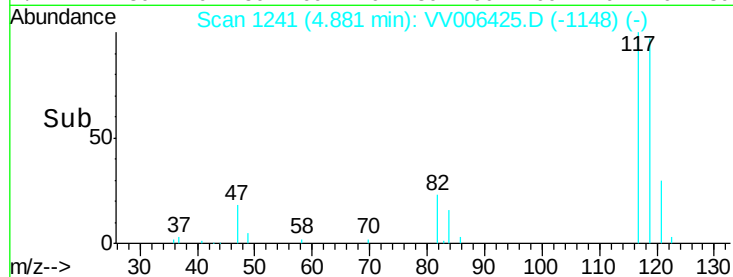
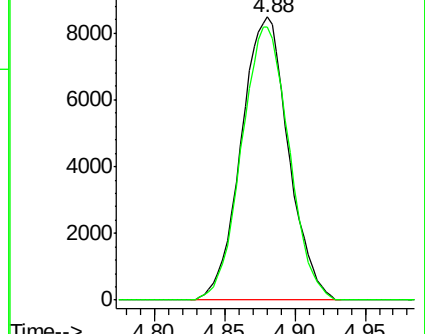
117 100

119 96.5 77.4 116.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 0.566 ug/L

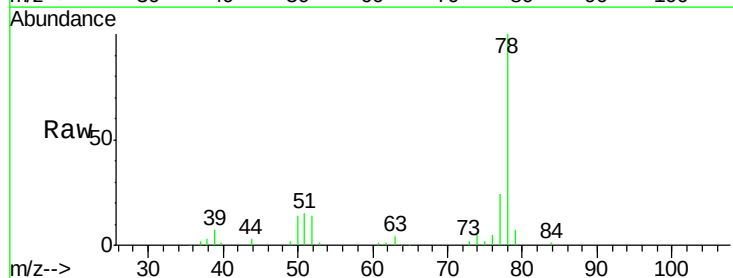
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

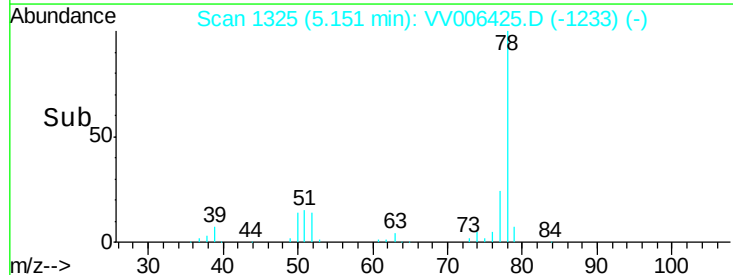
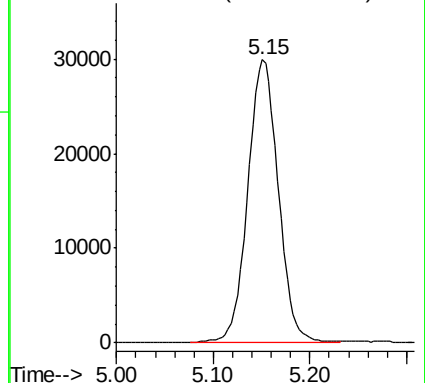
Lab File: VV006425.D

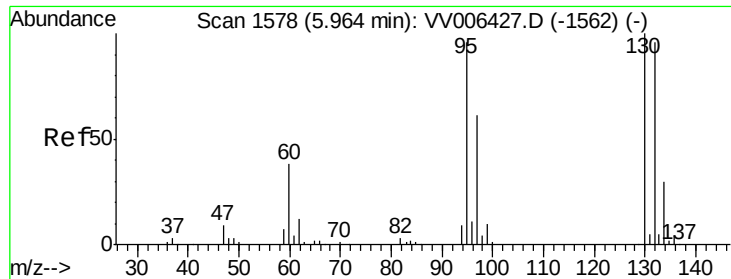
Acq: 25 Jun 2018 10:51

Tgt Ion: 78 Resp: 65820



Abundance Ion 78.10 (77.80 to 78.80): VV0

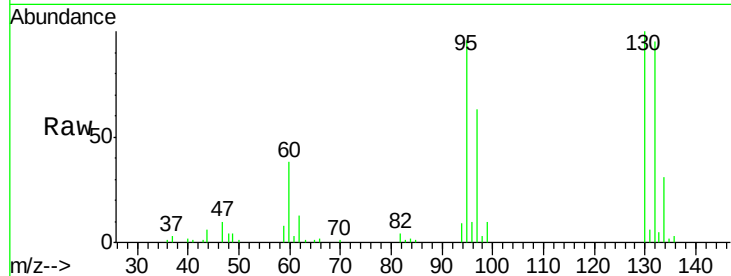




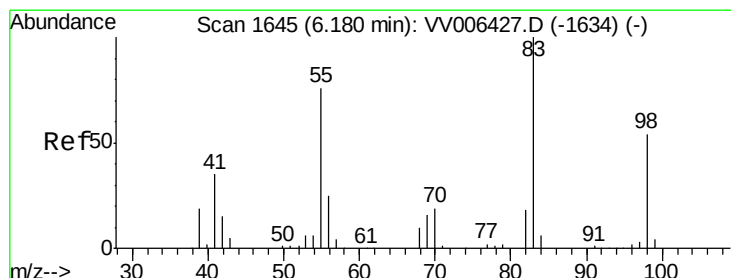
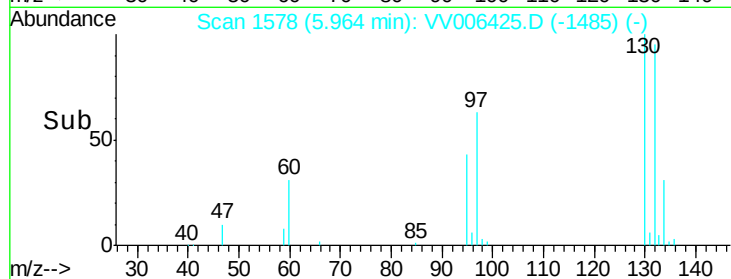
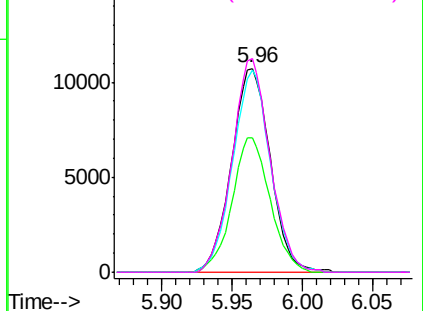
#34
 Trichloroethene
 Concen: 0.622 ug/L
 RT: 5.96 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

Tgt Ion: 95 Resp: 20665
 Ion Ratio Lower Upper
 95 100
 97 65.8 44.6 82.8
 132 99.4 70.1 130.1
 130 104.7 73.3 136.1

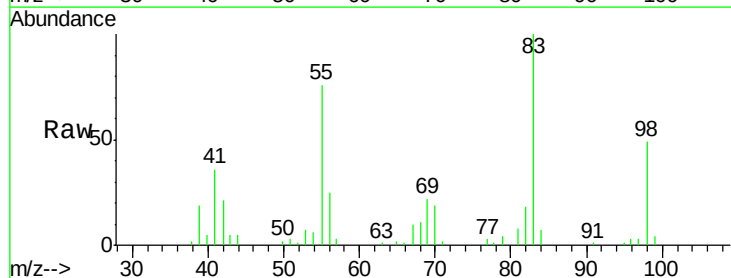


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

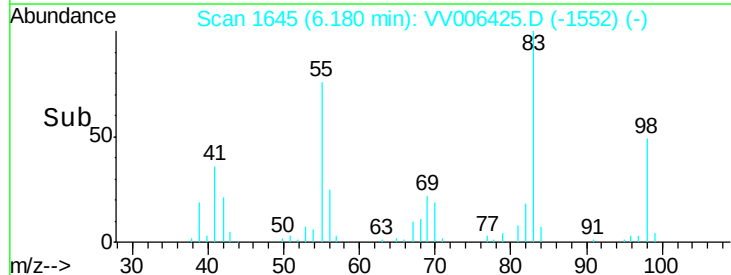
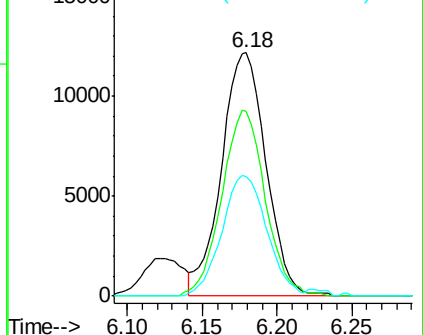


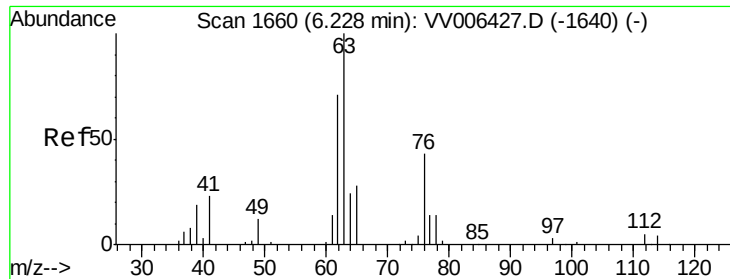
#35
 Methylcyclohexane
 Concen: 0.521 ug/L
 RT: 6.18 min Scan# 1645
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Tgt Ion: 83 Resp: 25206
 Ion Ratio Lower Upper
 83 100
 55 74.4 57.5 86.3
 98 50.0 39.6 59.4



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0

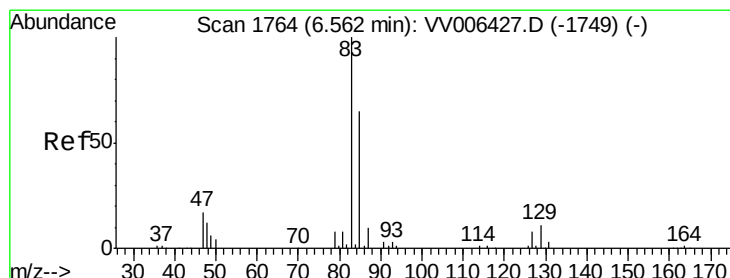
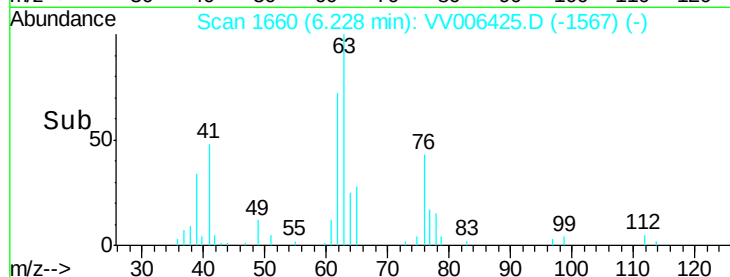
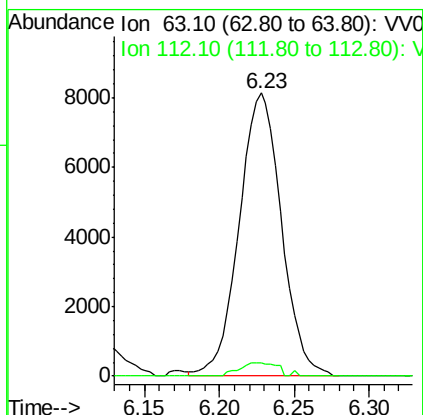
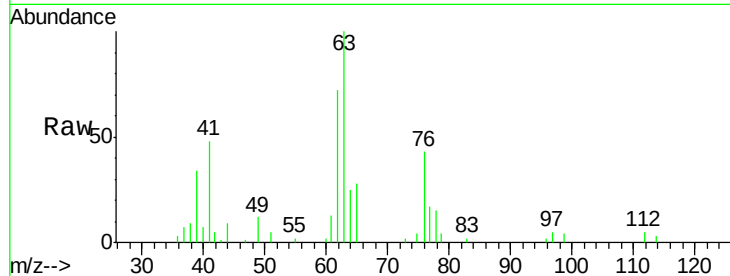




#37
 1,2-Dichloropropane
 Concen: 0.564 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

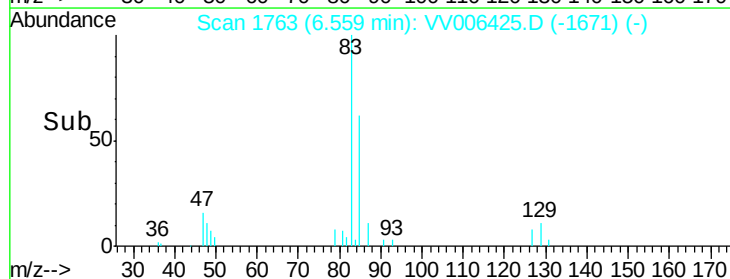
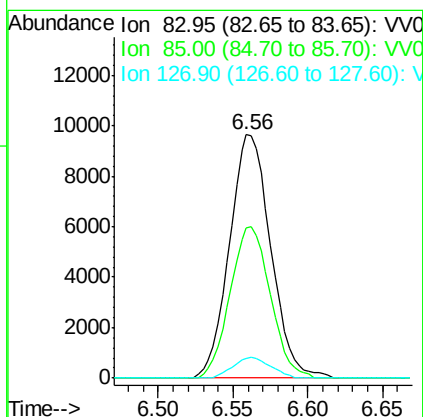
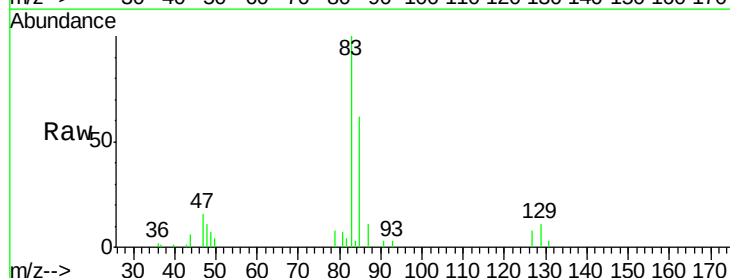
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

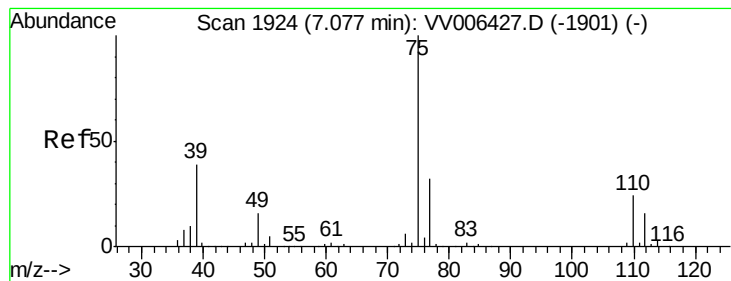
Tgt Ion: 63 Resp: 16009
 Ion Ratio Lower Upper
 63 100
 112 4.1 4.0 6.0



#38
 Bromodichloromethane
 Concen: 0.566 ug/L
 RT: 6.56 min Scan# 1763
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Tgt Ion: 83 Resp: 18521
 Ion Ratio Lower Upper
 83 100
 85 61.8 45.1 83.9
 127 8.3 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 0.527 ug/L

RT: 7.08 min Scan# 1924

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

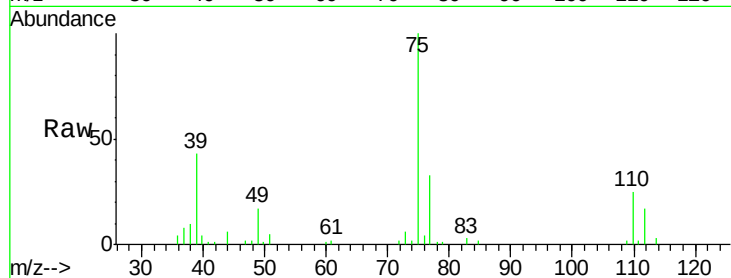
VSTD0.580

Tgt Ion: 75 Resp: 20817

Ion Ratio Lower Upper

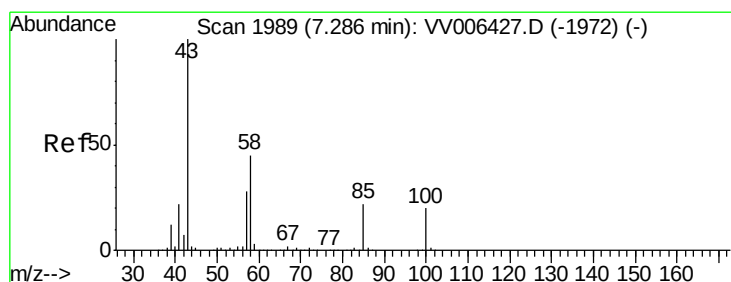
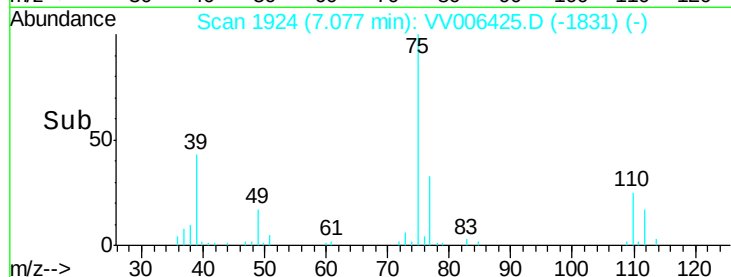
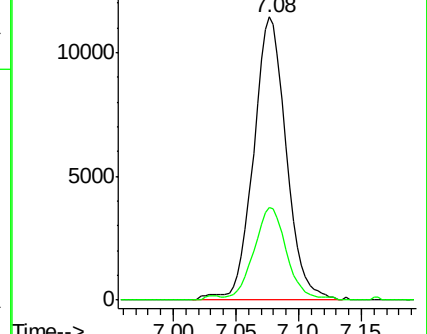
75 100

77 32.9 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#40

4-Methyl-2-pentanone

Concen: 5.513 ug/L

RT: 7.29 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

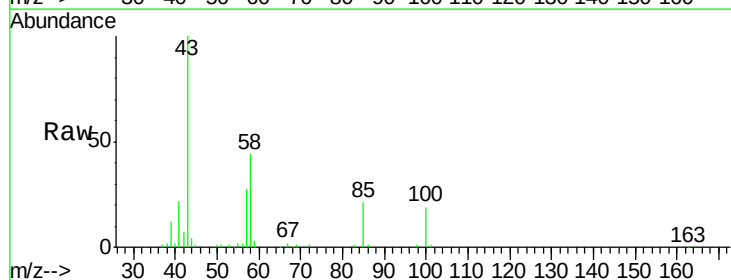
Tgt Ion: 43 Resp: 76192

Ion Ratio Lower Upper

43 100

58 43.6 35.4 53.2

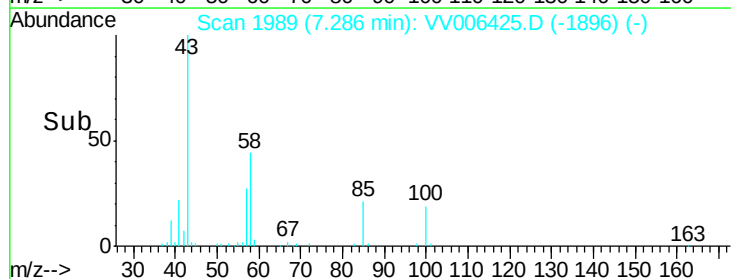
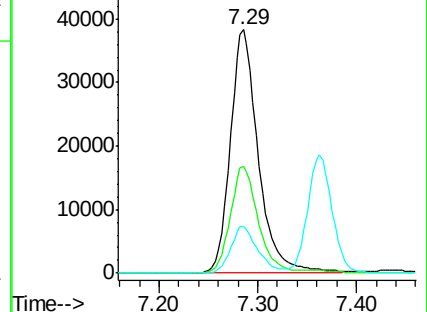
100 18.5 15.5 23.3

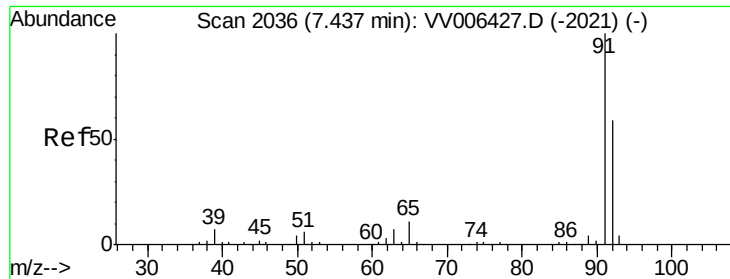


Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0





#42

Toluene

Concen: 0.564 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

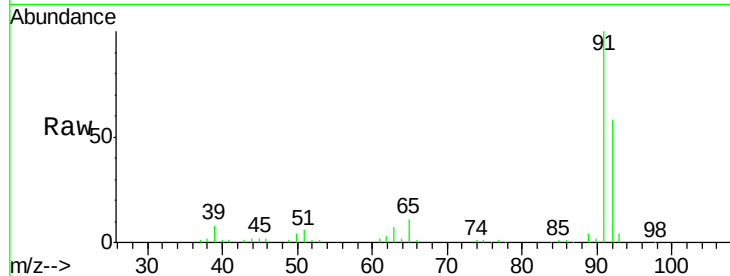
VSTD0.580

Tgt Ion: 91 Resp: 69457

Ion Ratio Lower Upper

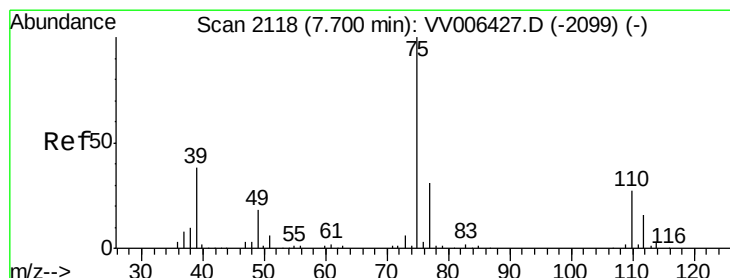
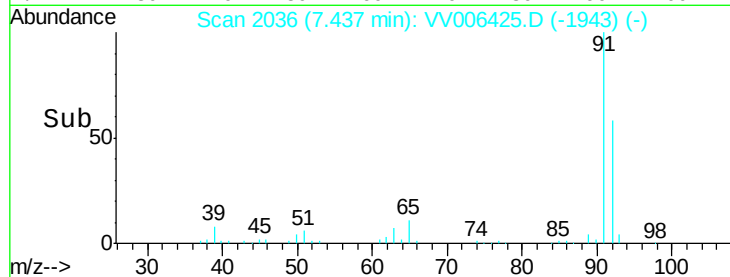
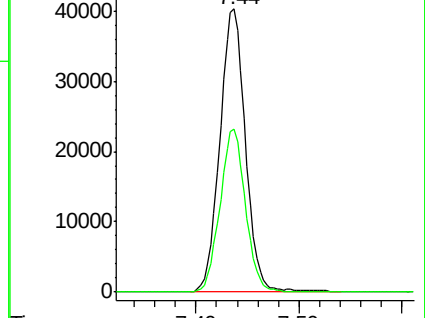
91 100

92 57.7 41.2 76.4



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.521 ug/L

RT: 7.70 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VV006425.D

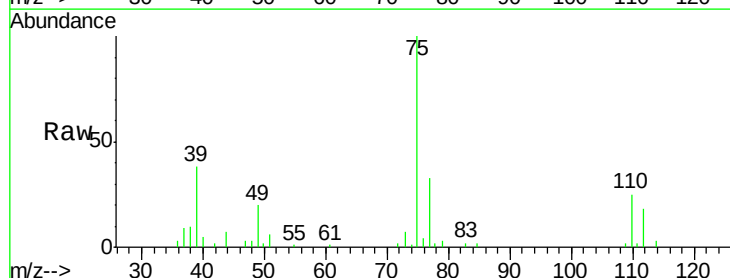
Acq: 25 Jun 2018 10:51

Tgt Ion: 75 Resp: 16144

Ion Ratio Lower Upper

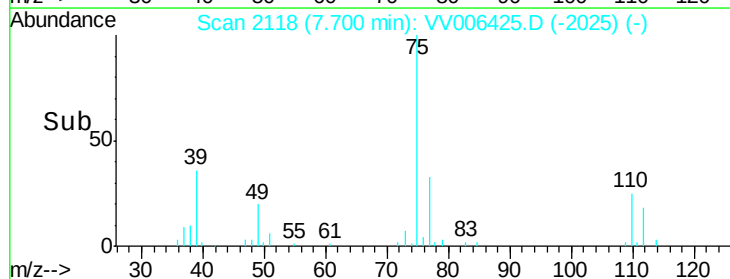
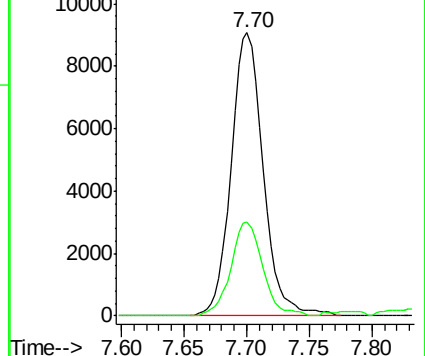
75 100

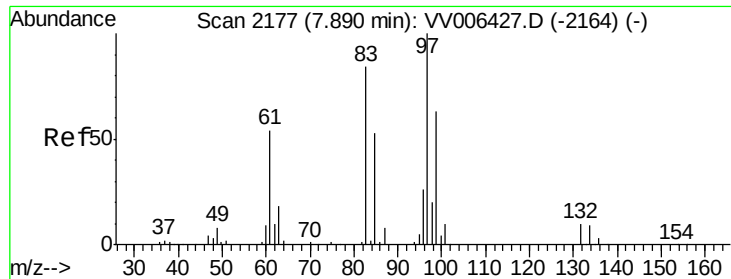
77 33.4 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

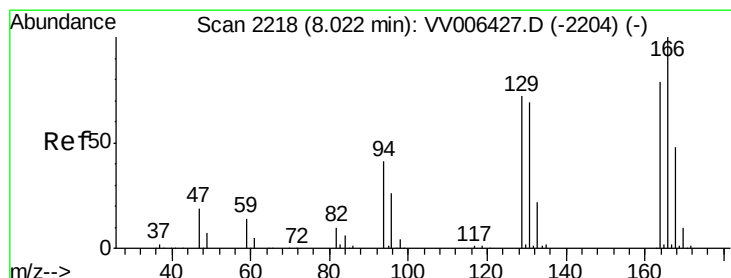
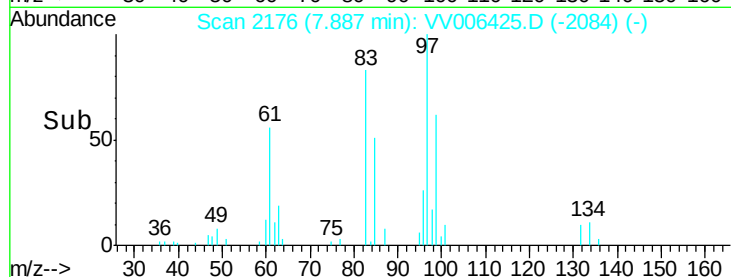
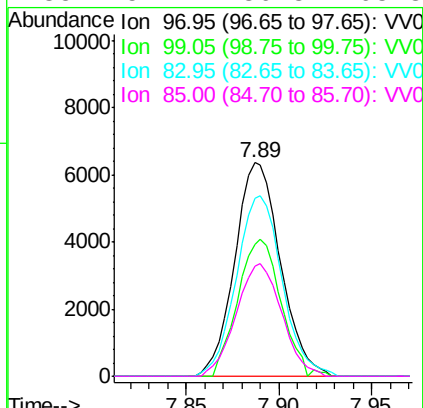
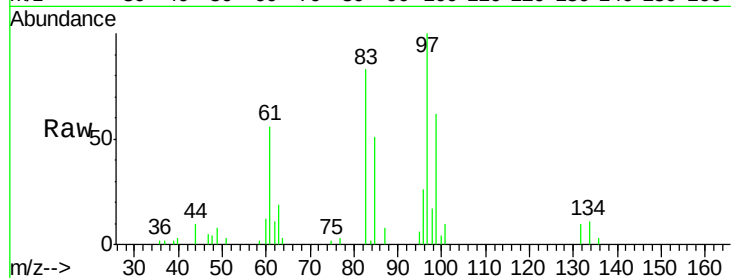




#45
 1,1,2-Trichloroethane
 Concen: 0.558 ug/L
 RT: 7.89 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

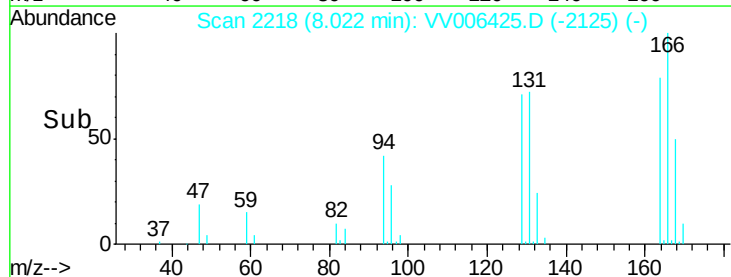
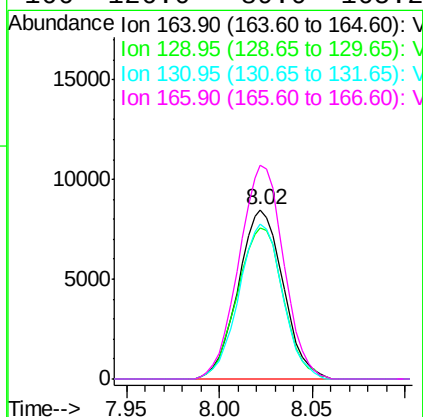
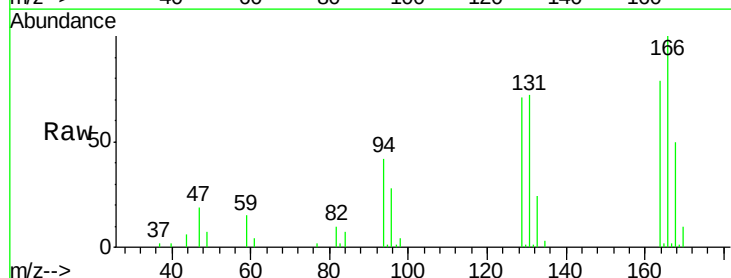
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

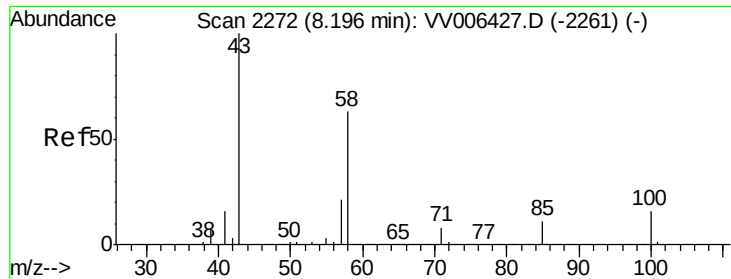
Tgt Ion:	97	Resp:	10938
Ion	Ratio	Lower	Upper
97	100		
99	61.9	44.2	82.2
83	83.1	59.0	109.6
85	51.4	36.8	68.3



#47
 Tetrachloroethene
 Concen: 0.569 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Tgt Ion:	164	Resp:	14295
Ion	Ratio	Lower	Upper
164	100		
129	88.8	64.0	118.8
131	91.1	61.7	114.5
166	126.0	89.0	165.2

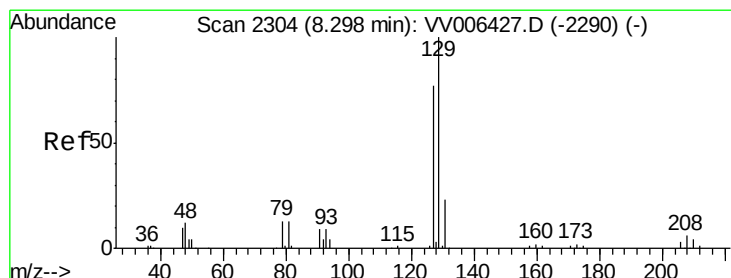
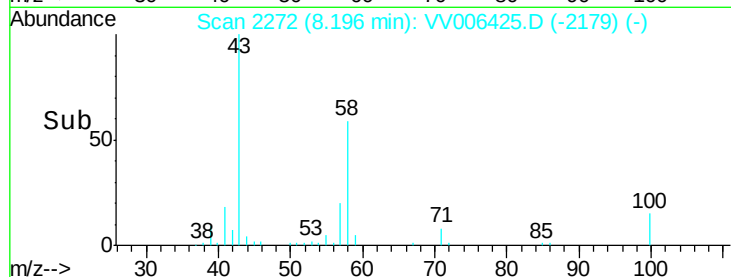
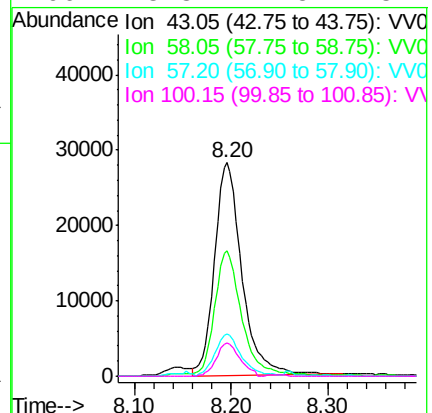
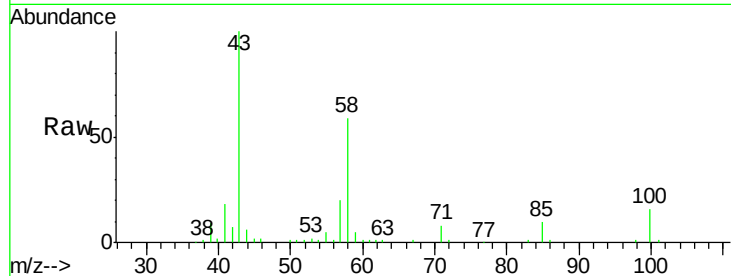




#48
2-Hexanone
Concen: 5.568 ug/L
RT: 8.20 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

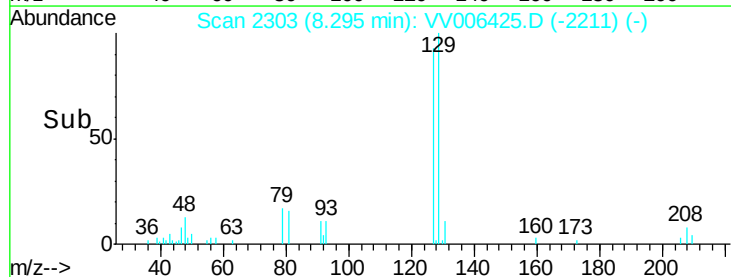
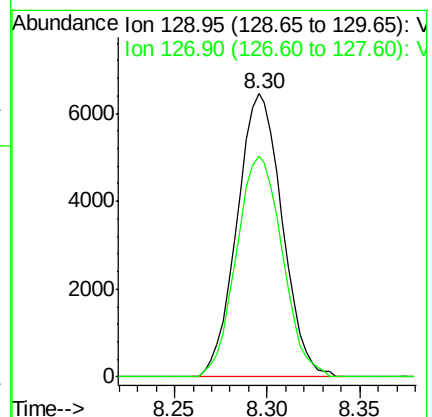
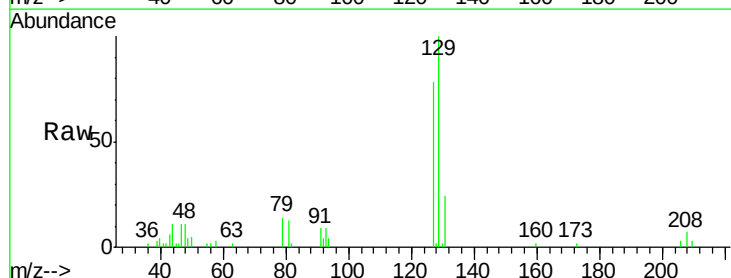
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.580

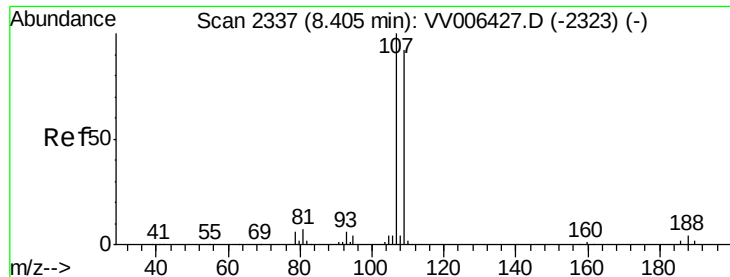
Tgt Ion: 43 Resp: 55362
Ion Ratio Lower Upper
43 100
58 60.3 49.9 74.9
57 19.5 17.3 25.9
100 13.8 12.5 18.7



#49
Dibromochloromethane
Concen: 0.520 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

Tgt Ion: 129 Resp: 10884
Ion Ratio Lower Upper
129 100
127 78.0 54.0 100.2

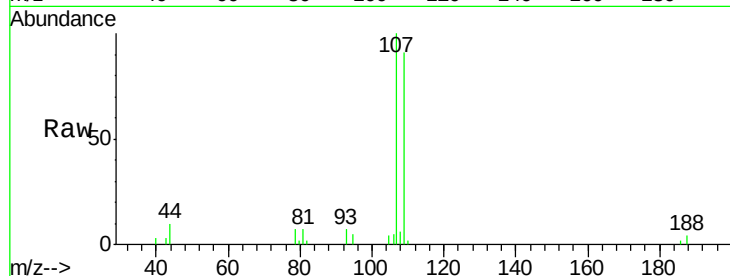




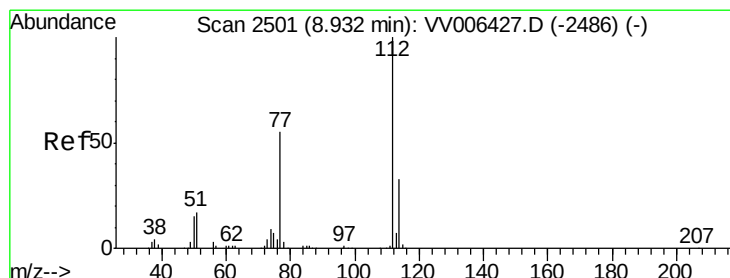
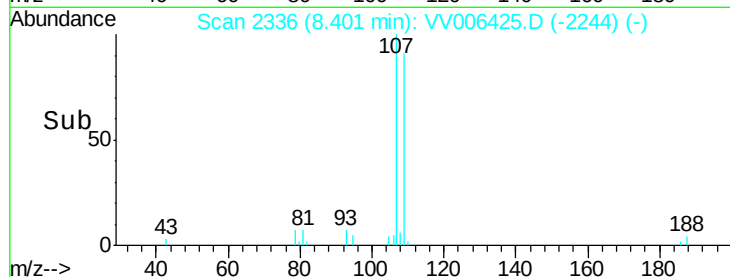
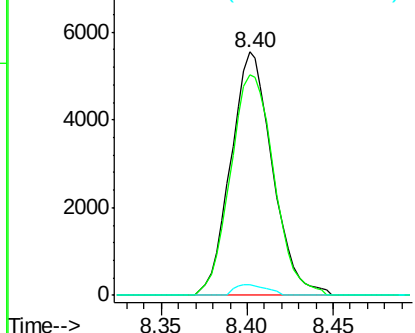
#50
1,2-Dibromoethane
Concen: 0.529 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.580

Tgt Ion:107 Resp: 9328
Ion Ratio Lower Upper
107 100
109 90.8 64.3 119.5
188 4.4 3.0 4.6

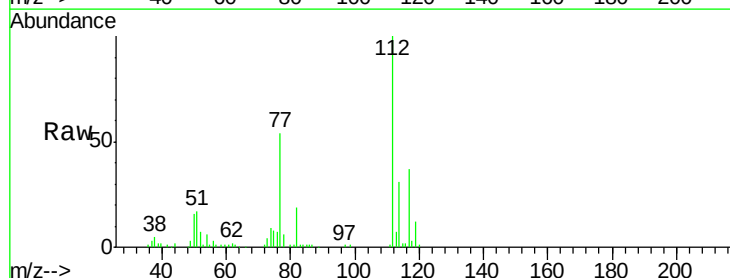


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

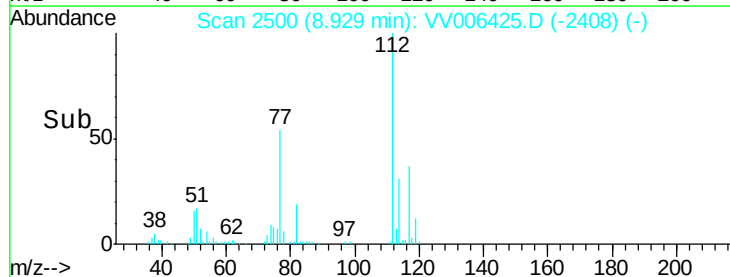
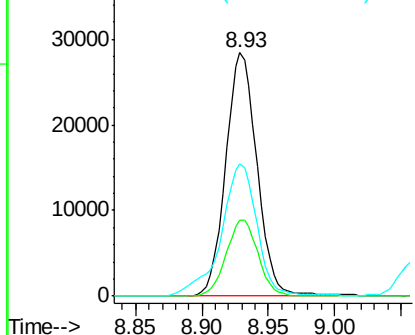


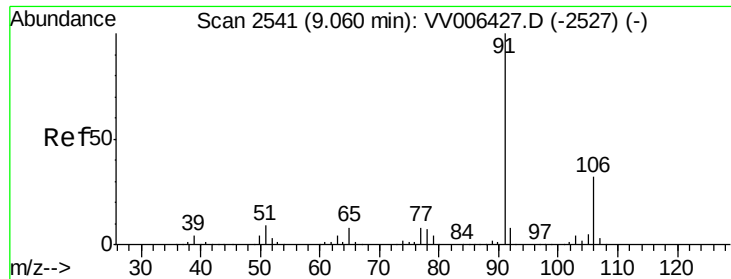
#51
Chlorobenzene
Concen: 0.571 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

Tgt Ion:112 Resp: 46520
Ion Ratio Lower Upper
112 100
114 31.3 22.8 42.4
77 54.5 44.6 66.8



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





#52

Ethylbenzene

Concen: 0.543 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

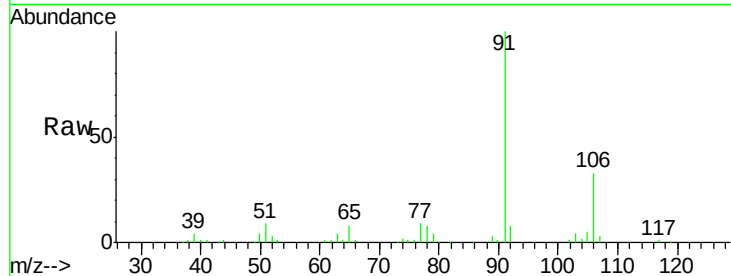
VSTD0.580

Tgt Ion: 91 Resp: 72354

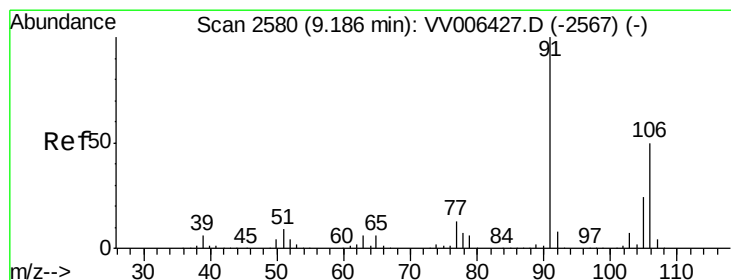
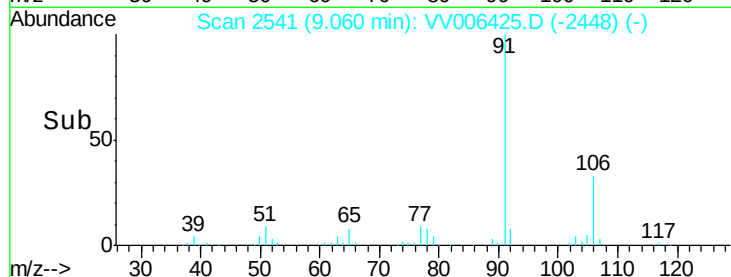
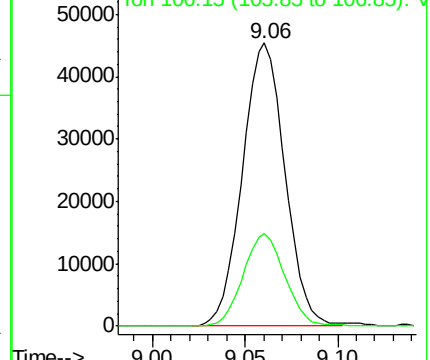
Ion Ratio Lower Upper

91 100

106 32.6 22.2 41.2



Abundance Ion 91.15 (90.85 to 91.85): VV006425.D (-2448) (-)



#53

m,p-xylene

Concen: 0.538 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006425.D

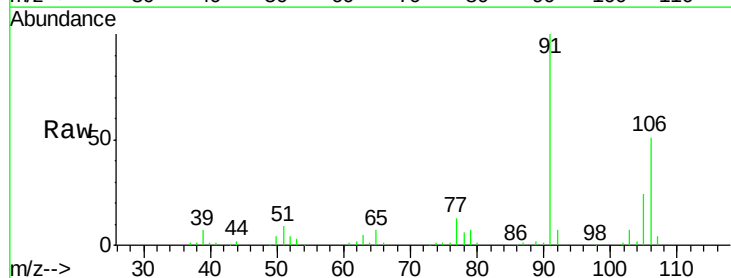
Acq: 25 Jun 2018 10:51

Tgt Ion: 106 Resp: 27638

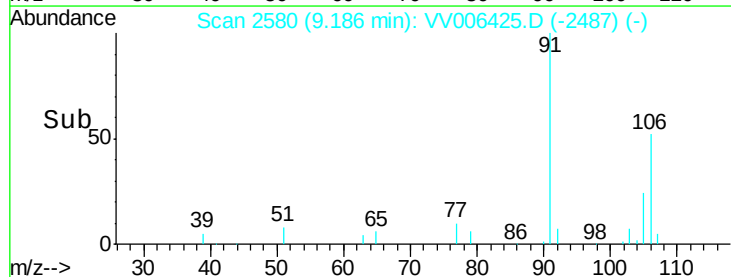
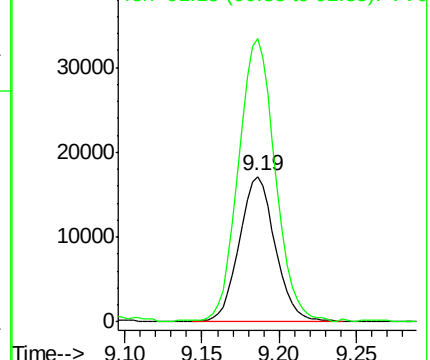
Ion Ratio Lower Upper

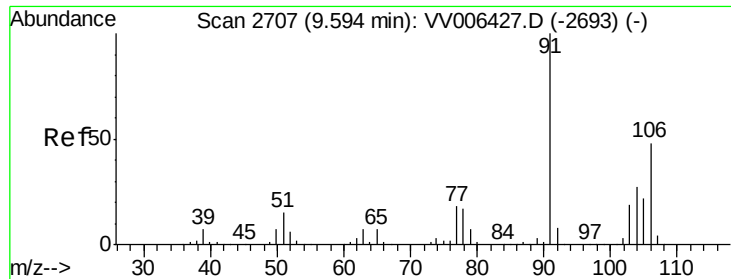
106 100

91 195.0 138.8 257.8



Abundance Ion 106.15 (105.85 to 106.85): VV006425.D (-2487) (-)

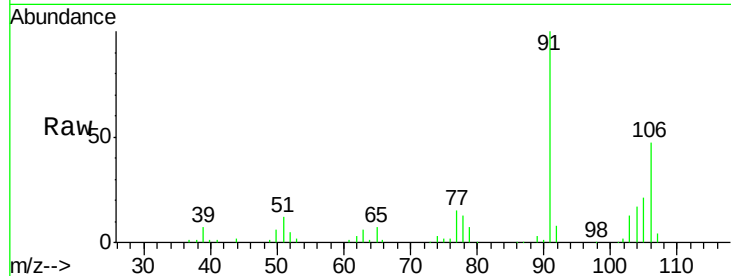




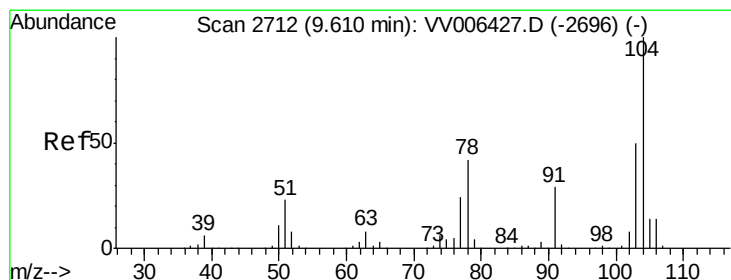
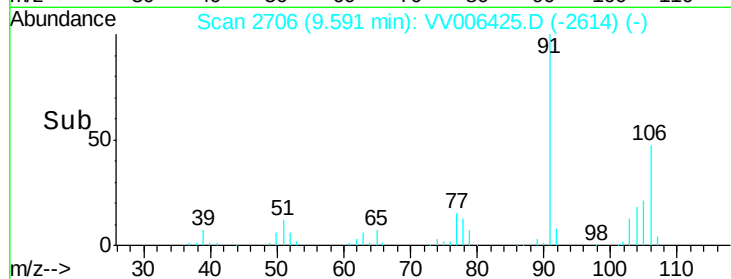
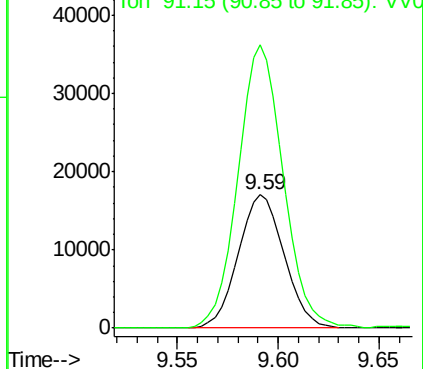
#54
o-xylene
Concen: 0.537 ug/L
RT: 9.59 min Scan# 2706
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.580

Tgt Ion:106 Resp: 27096
Ion Ratio Lower Upper
106 100
91 212.0 145.7 270.7

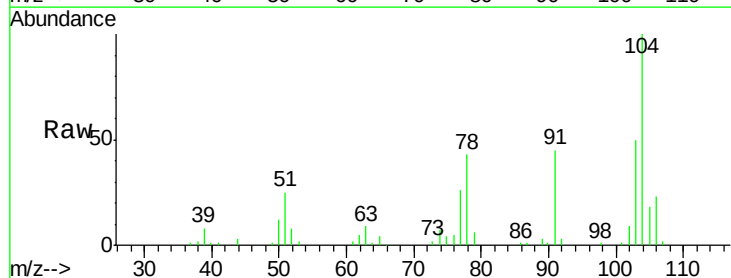


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

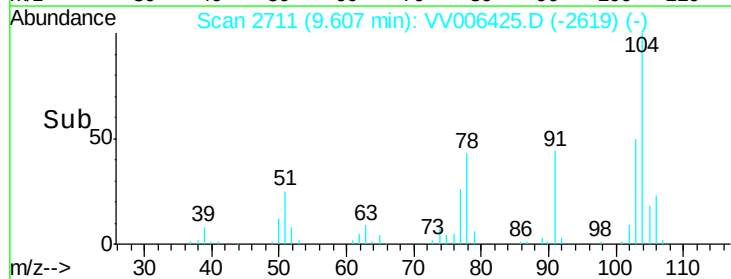
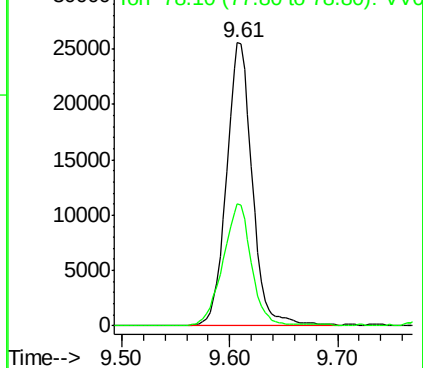


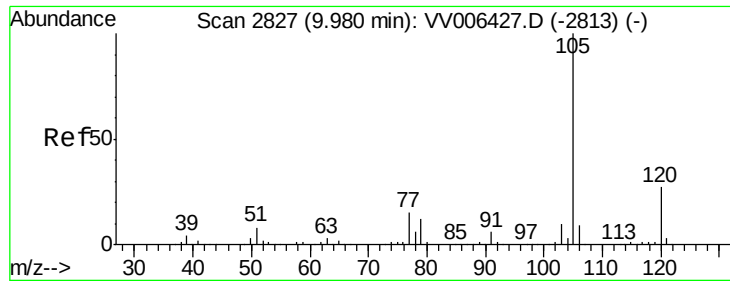
#55
Styrene
Concen: 0.517 ug/L
RT: 9.61 min Scan# 2711
Delta R.T. -0.00 min
Lab File: VV006425.D
Acq: 25 Jun 2018 10:51

Tgt Ion:104 Resp: 42615
Ion Ratio Lower Upper
104 100
78 43.1 29.1 54.1



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 0.531 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.580

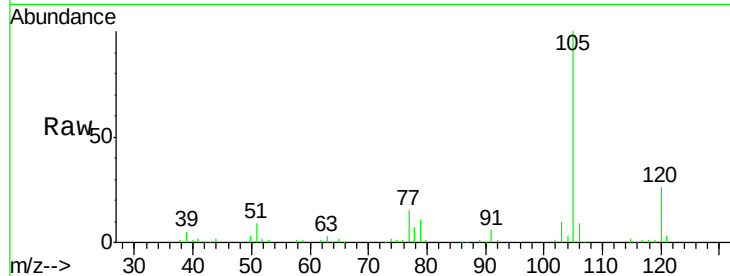
Tgt Ion: 105 Resp: 69824

Ion Ratio Lower Upper

105 100

120 26.2 21.7 32.5

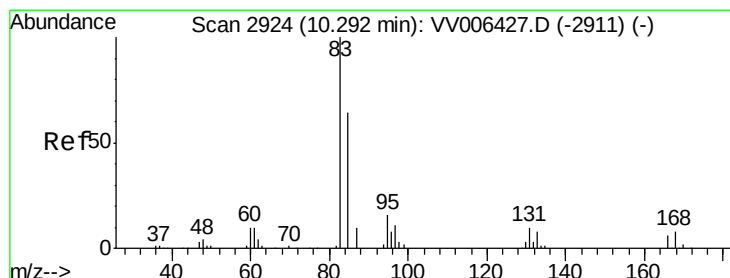
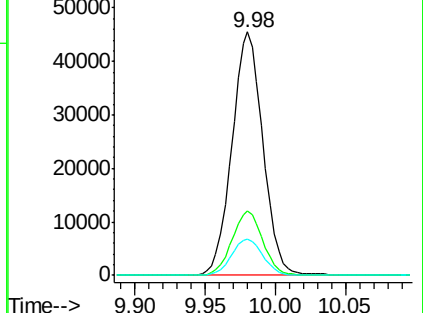
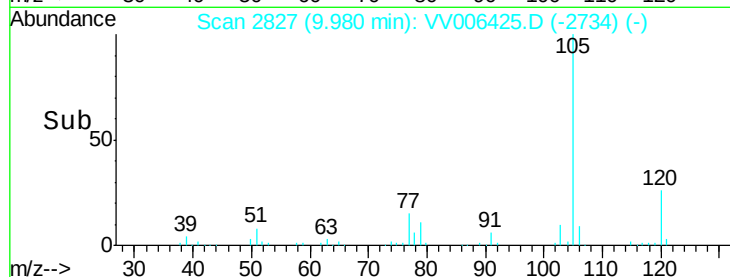
77 15.2 11.8 17.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 0.509 ug/L

RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

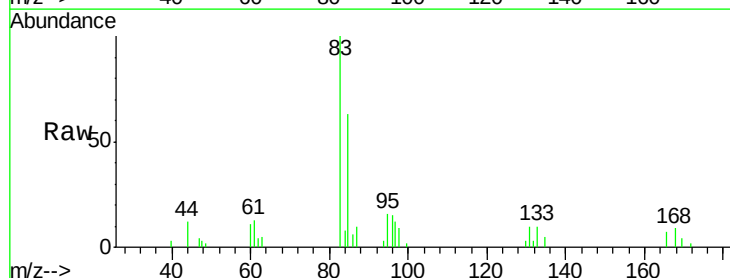
Tgt Ion: 83 Resp: 9411

Ion Ratio Lower Upper

83 100

85 63.4 44.8 83.2

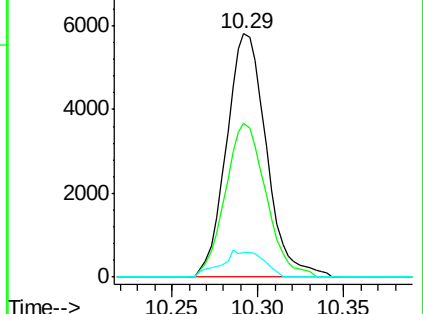
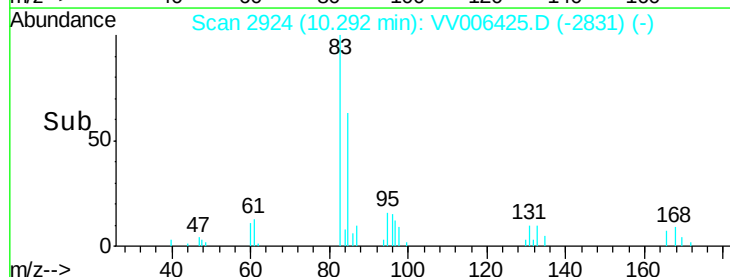
131 10.1 7.9 11.9

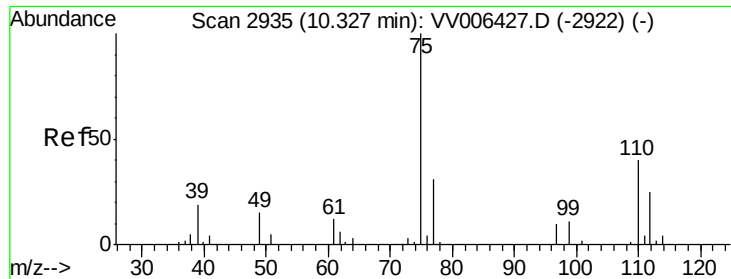


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 0.548 ug/L

RT: 10.33 min Scan# 2935

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

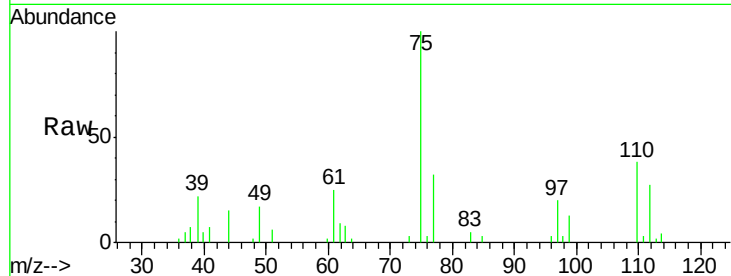
VSTD0.580

Tgt Ion: 75 Resp: 8474

Ion Ratio Lower Upper

75 100

77 33.6 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV006427.D (-2922) (-)

Ion 77.00 (76.70 to 77.70): VV006427.D (-2922) (-)

10.33

6000

5000

4000

3000

2000

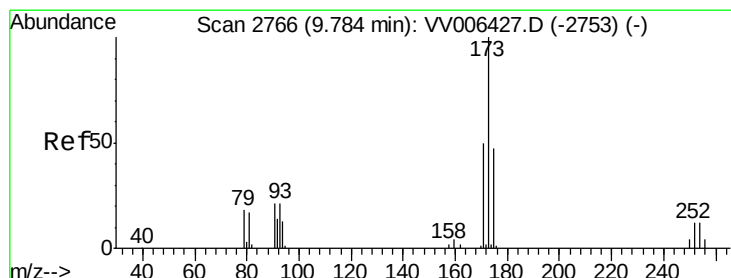
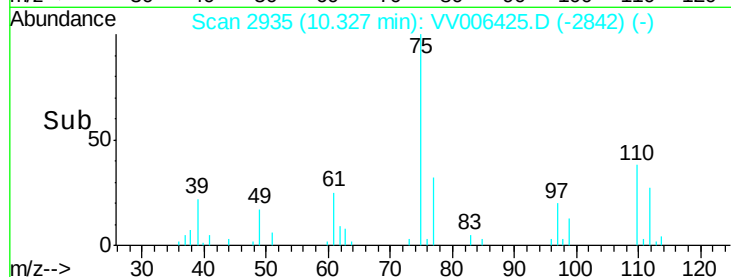
1000

0

10.30

10.35

Time-->



#61

Bromoform

Concen: 0.546 ug/L

RT: 9.78 min Scan# 2765

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

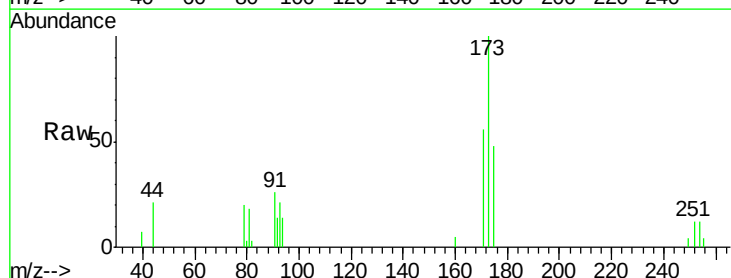
Tgt Ion: 173 Resp: 5512

Ion Ratio Lower Upper

173 100

175 46.5 38.8 58.2

254 9.9 9.0 13.6



Abundance Ion 172.90 (172.60 to 173.60): VV006427.D (-2753) (-)

Ion 174.90 (174.60 to 175.60): VV006427.D (-2753) (-)

Ion 253.75 (253.45 to 254.45): VV006427.D (-2753) (-)

9.78

4000

3000

2000

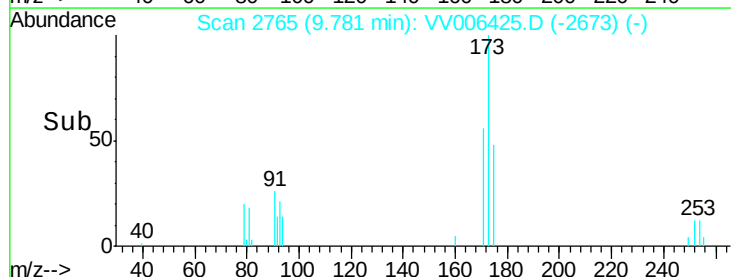
1000

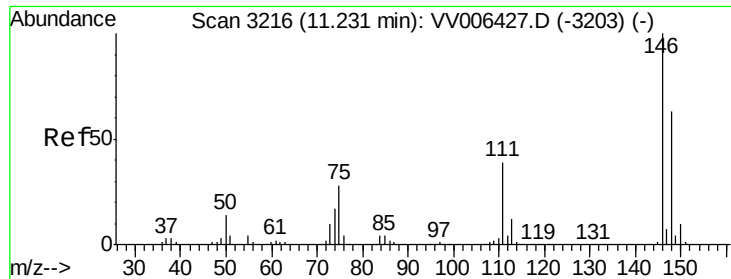
0

9.75

9.80

Time-->

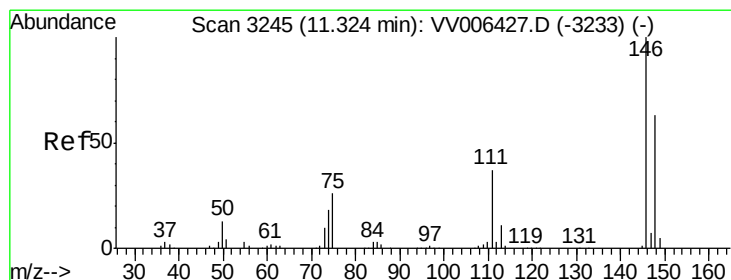
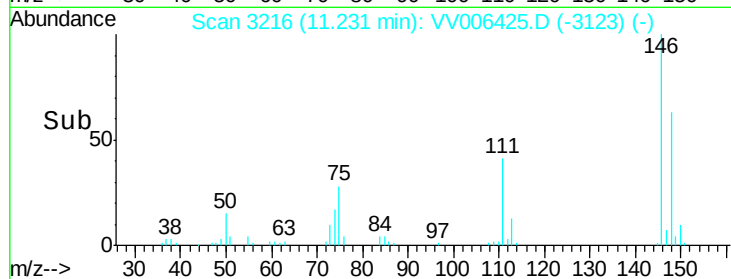
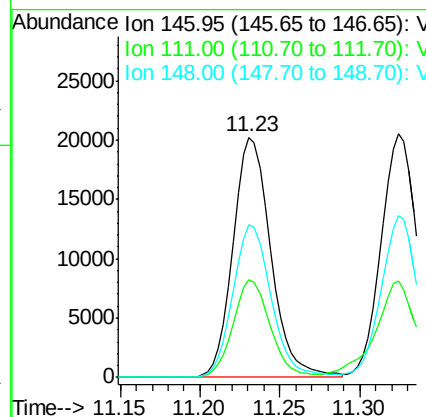
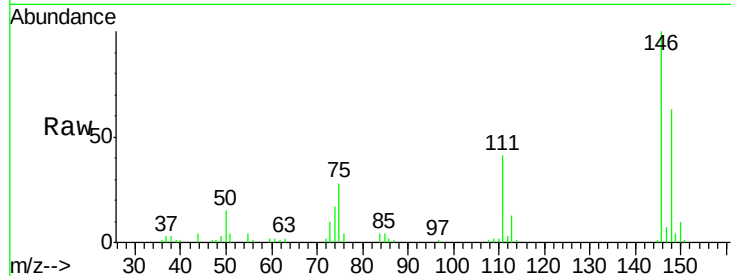




#62
 1,3-Dichlorobenzene
 Concen: 0.550 ug/L
 RT: 11.23 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

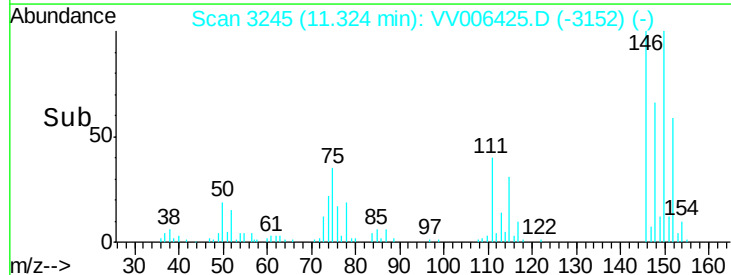
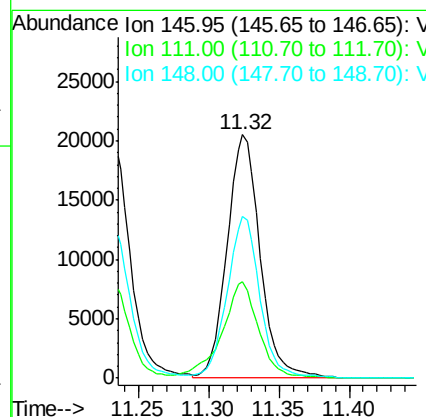
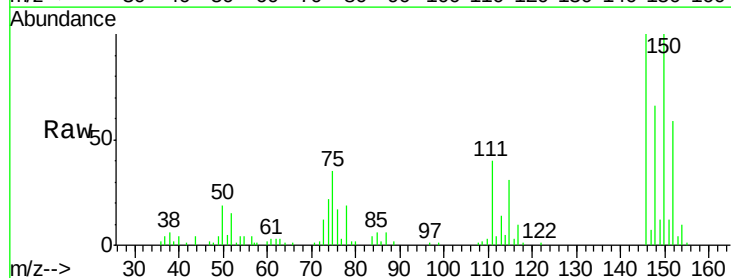
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

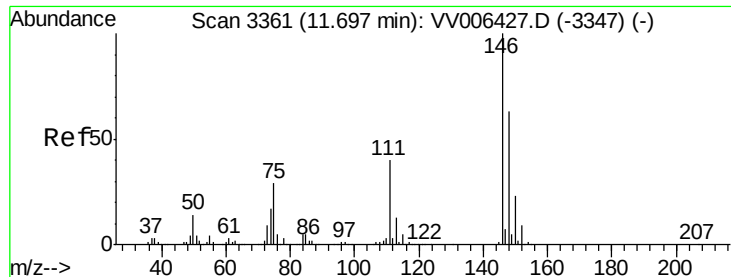
Tgt Ion:146 Resp: 32633
 Ion Ratio Lower Upper
 146 100
 111 40.6 27.4 51.0
 148 63.4 44.1 81.9



#63
 1,4-Dichlorobenzene
 Concen: 0.567 ug/L
 RT: 11.32 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Tgt Ion:146 Resp: 33618
 Ion Ratio Lower Upper
 146 100
 111 39.6 26.3 48.9
 148 66.2 44.0 81.6





#65

1,2-Dichlorobenzene

Concen: 0.562 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. -0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.580

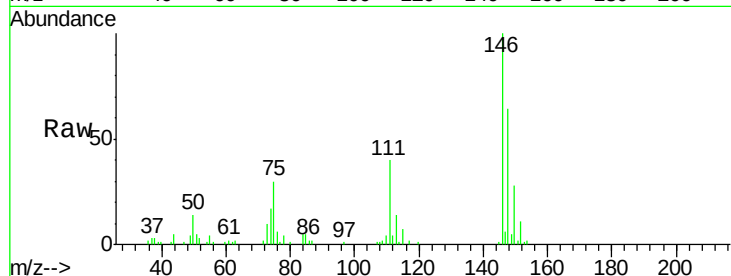
Tgt Ion:146 Resp: 31195

Ion Ratio Lower Upper

146 100

111 39.9 32.0 48.0

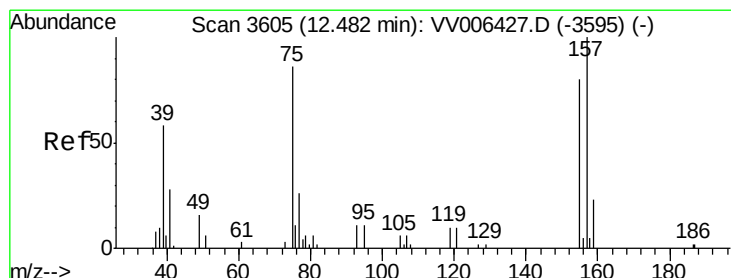
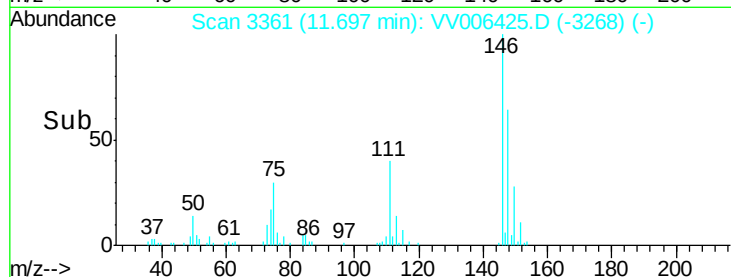
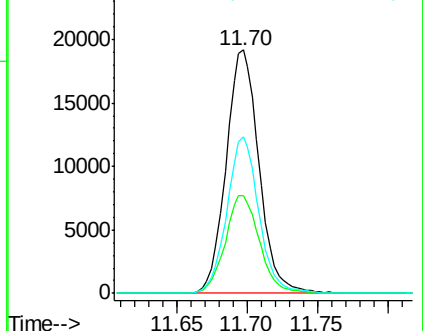
148 64.5 50.8 76.2



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.524 ug/L

RT: 12.48 min Scan# 3606

Delta R.T. 0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

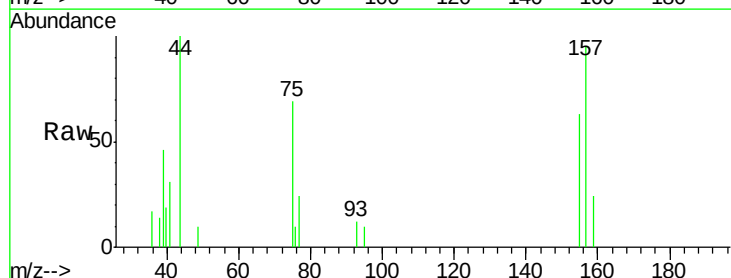
Tgt Ion: 75 Resp: 1236

Ion Ratio Lower Upper

75 100

155 91.0 73.9 110.9

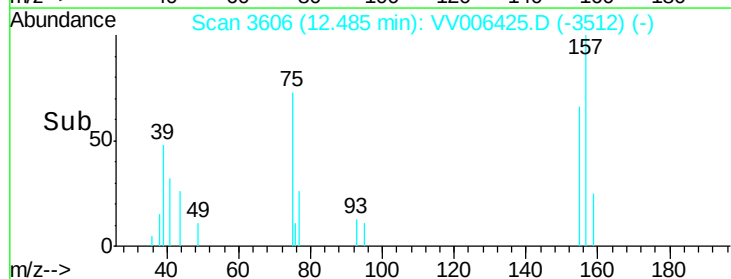
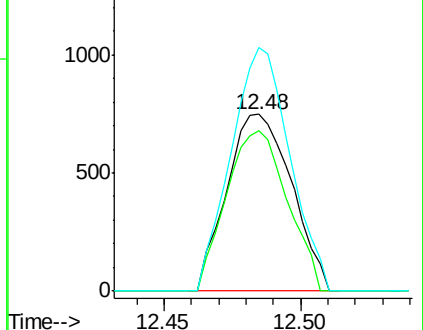
157 137.8 92.9 139.3

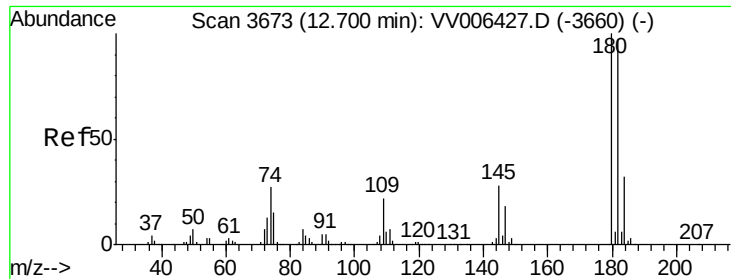


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

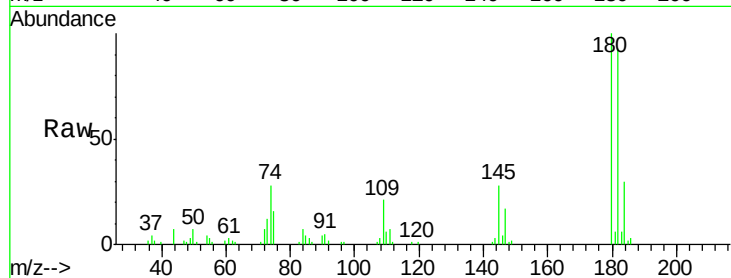




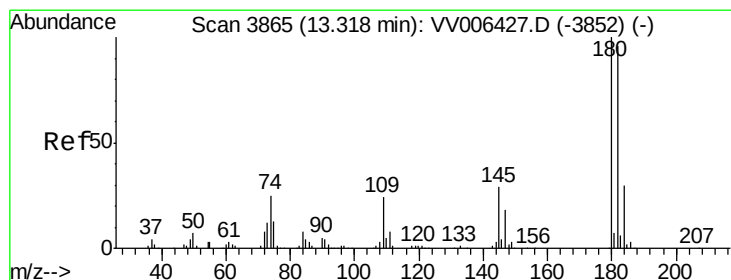
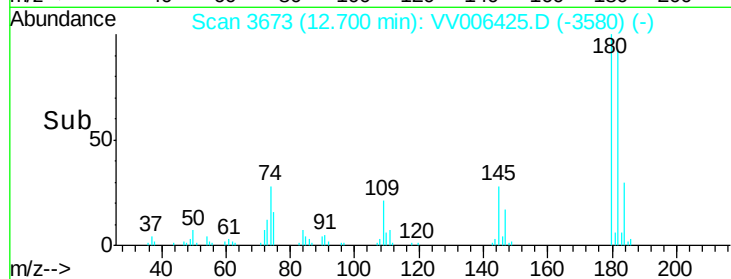
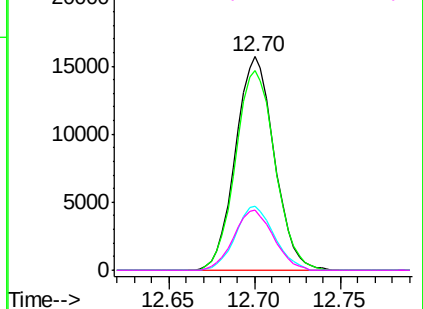
#67
 1,3,5-Trichlorobenzene
 Concen: 0.546 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.580

Tgt Ion:180 Resp: 24599
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.6 115.0
 184 30.0 24.5 36.7
 145 28.9 22.6 34.0

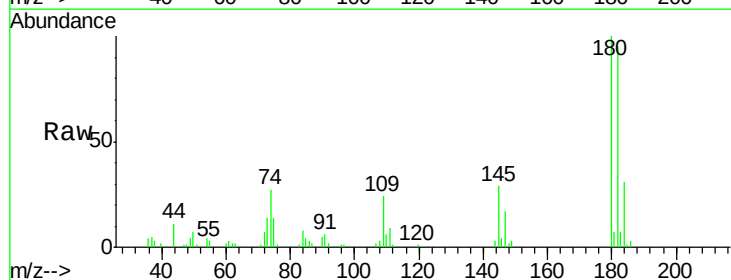


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

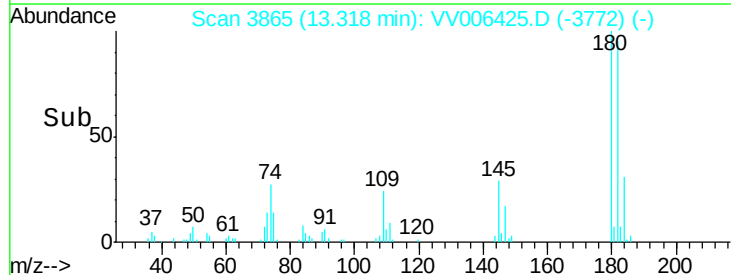
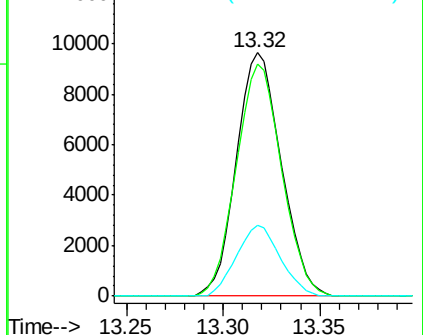


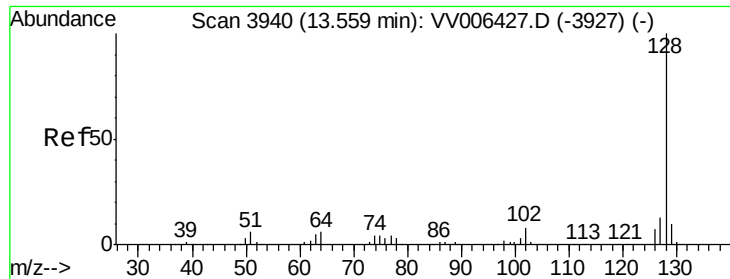
#68
 1,2,4-trichlorobenzene
 Concen: 0.471 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. -0.00 min
 Lab File: VV006425.D
 Acq: 25 Jun 2018 10:51

Tgt Ion:180 Resp: 15566
 Ion Ratio Lower Upper
 180 100
 182 96.1 76.7 115.1
 145 28.2 23.0 34.6



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#69

Naphthalene

Concen: 0.407 ug/L

RT: 13.56 min Scan# 3941

Delta R.T. 0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.580

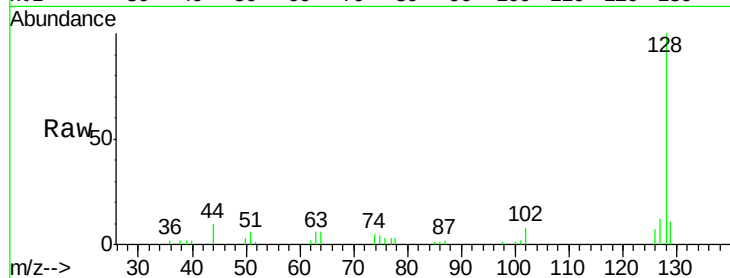
Tgt Ion:128 Resp: 19632

Ion Ratio Lower Upper

128 100

129 10.5 8.6 13.0

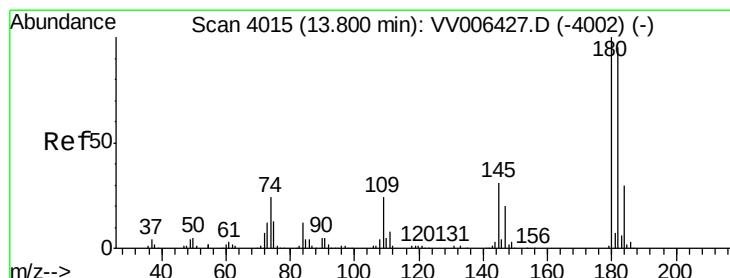
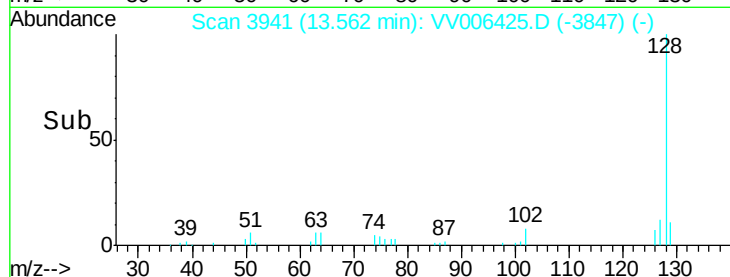
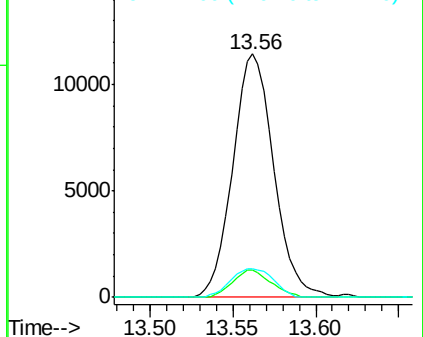
127 12.3 10.2 15.4



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 0.479 ug/L

RT: 13.80 min Scan# 4016

Delta R.T. 0.00 min

Lab File: VV006425.D

Acq: 25 Jun 2018 10:51

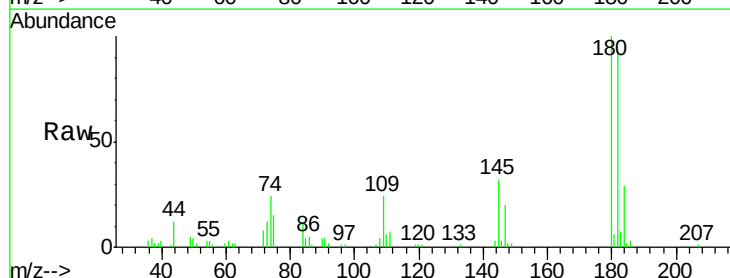
Tgt Ion:180 Resp: 14724

Ion Ratio Lower Upper

180 100

182 92.6 76.0 114.0

145 31.8 24.8 37.2



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 181.90 (181.60 to 182.60): V

Ion 144.95 (144.65 to 145.65): V

