

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
 Data File : VV008618.D
 Acq On : 17 Nov 2018 06:57
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Quant Time: Nov 17 09:03:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 05:41:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	214700	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	198123	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93697	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49057	5.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.00%
7) Chloroethane-d5	1.59	69	38769	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.14	63	98800	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	3.97	46	166712	48.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.70%
24) Chloroform-d	4.41	84	126600	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.09	65	64138	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	249036	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	78738	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.40%
41) Toluene-d8	7.36	98	237635	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	27780	4.37	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.40%
46) 2-Hexanone-d5	8.14	63	131856	45.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	53702	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	80258	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	89387	5.050 ug/L	99
3) Chloromethane	1.25	50	74941	5.066 ug/L	99
5) Vinyl chloride	1.33	62	74886	5.515 ug/L	98
6) Bromomethane	1.54	94	42504	5.019 ug/L	95
8) Chloroethane	1.60	64	40962	5.149 ug/L	99
9) Trichlorofluoromethane	1.78	101	98317	5.254 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56767	5.199 ug/L	97
12) 1,1-Dichloroethene	2.15	96	52664	5.291 ug/L	96
13) Acetone	2.23	43	82204	46.192 ug/L	95
14) Carbon disulfide	2.33	76	156486	5.037 ug/L	99
15) Methyl Acetate	2.48	43	22637	5.084 ug/L	98
16) Methylene chloride	2.54	84	55838	4.608 ug/L	96
17) Methyl tert-butyl Ether	2.81	73	128369	4.846 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	57479	5.320 ug/L	98
19) 1,1-Dichloroethane	3.23	63	141252	5.166 ug/L	99
21) 2-Butanone	4.06	43	195337	49.024 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	83144	5.098 ug/L	99

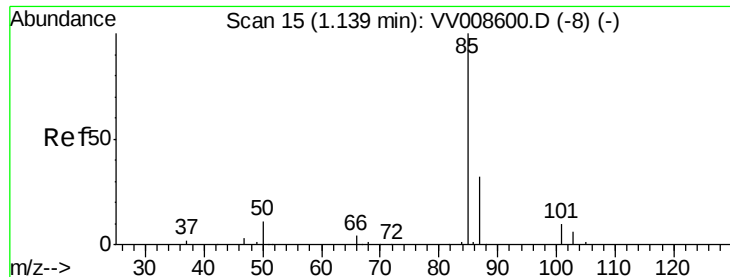
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111718\
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 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 17 05:41:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	31940	5.089	ug/L	97
25) Chloroform	4.43	83	148337	4.295	ug/L	99
27) 1,2-Dichloroethane	5.19	62	84016	4.875	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	122075	4.881	ug/L	98
30) Cyclohexane	4.73	56	133232	4.790	ug/L	97
31) Carbon tetrachloride	4.88	117	104486	4.912	ug/L	100
33) Benzene	5.15	78	317050	5.047	ug/L	100
34) Trichloroethene	5.96	95	82576	4.974	ug/L	99
35) Methylcyclohexane	6.18	83	137567	4.893	ug/L	98
37) 1,2-Dichloropropane	6.23	63	80532	4.878	ug/L	99
38) Bromodichloromethane	6.56	83	91866	4.561	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	104863	4.725	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	450114	46.577	ug/L	99
42) Toluene	7.43	91	328404	5.017	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	83438	4.615	ug/L	93
45) 1,1,2-Trichloroethane	7.89	97	51348	4.887	ug/L	96
47) Tetrachloroethene	8.02	164	59329	4.938	ug/L	95
48) 2-Hexanone	8.19	43	307161	47.093	ug/L	97
49) Dibromochloromethane	8.30	129	56517	4.729	ug/L	97
50) 1,2-Dibromoethane	8.40	107	46317	4.878	ug/L	94
51) Chlorobenzene	8.93	112	204133	5.055	ug/L	98
52) Ethylbenzene	9.06	91	369589	5.129	ug/L	99
53) m,p-xylene	9.18	106	135942	5.104	ug/L	99
54) o-xylene	9.59	106	132260	5.102	ug/L	100
55) Styrene	9.60	104	222422	5.316	ug/L	100
56) Isopropylbenzene	9.98	105	357865	5.142	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	59711	4.815	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	44313	4.732	ug/L	98
61) Bromoform	9.78	173	25328	4.207	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	154222	5.052	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	151941	5.051	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	141773	4.879	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8367	4.499	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	111986	5.066	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	91799	5.154	ug/L	98
69) Naphthalene	13.56	128	139173	4.809	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	84817	5.161	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 5.050 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

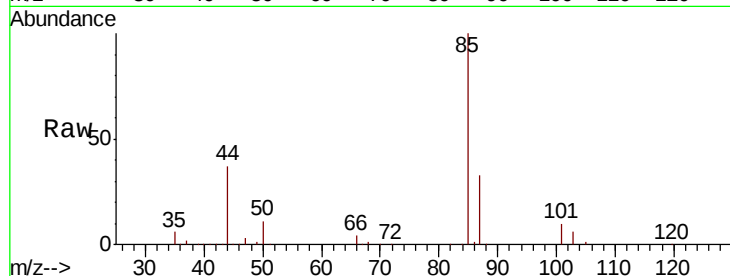
VSTD00577

Tgt Ion: 85 Resp: 89387

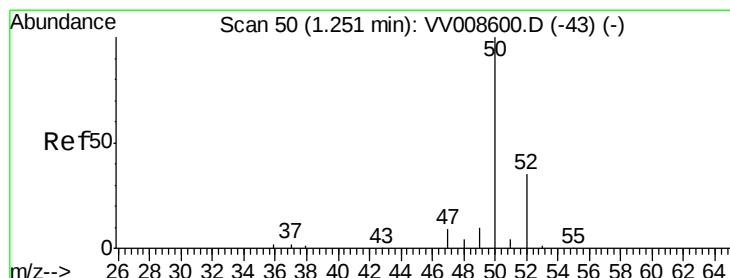
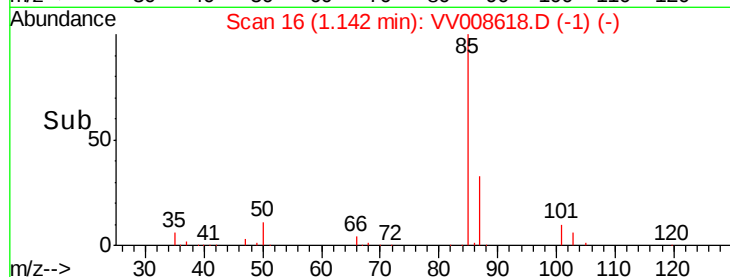
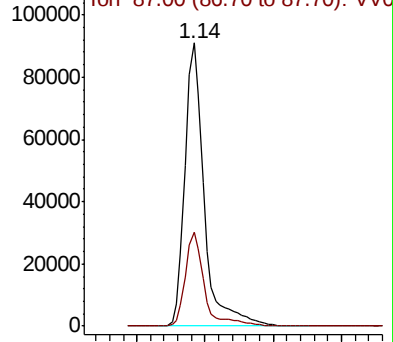
Ion Ratio Lower Upper

85 100

87 32.5 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV008618.D (-1) (-)



#3

Chloromethane

Concen: 5.066 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008618.D

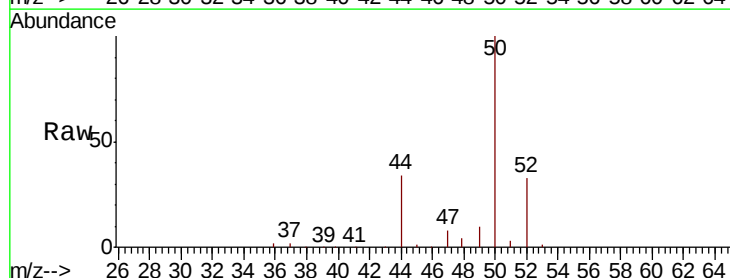
Acq: 17 Nov 2018 06:57

Tgt Ion: 50 Resp: 74941

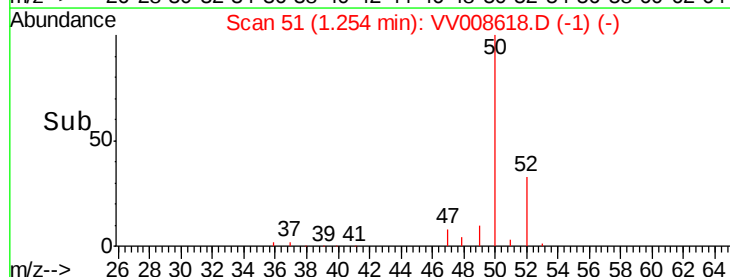
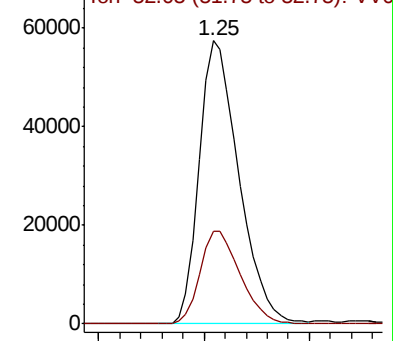
Ion Ratio Lower Upper

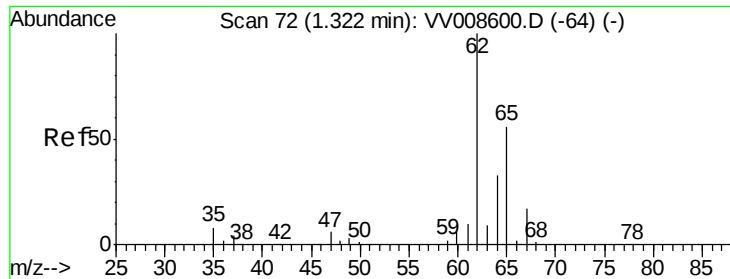
50 100

52 32.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV008618.D (-1) (-)





#5

Vinyl chloride

Concen: 5.515 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

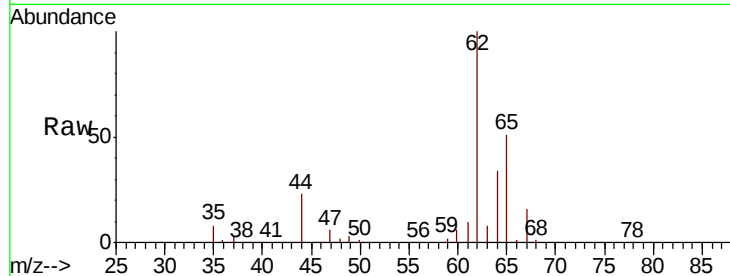
VSTD00577

Tgt Ion: 62 Resp: 74886

Ion Ratio Lower Upper

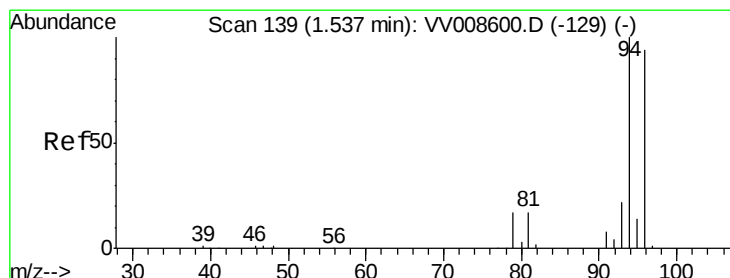
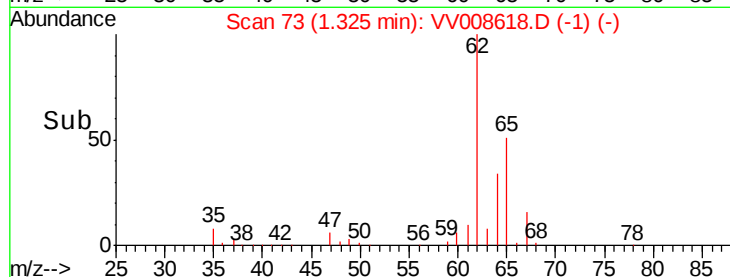
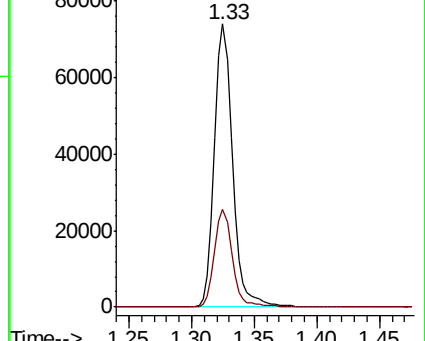
62 100

64 34.3 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#6

Bromomethane

Concen: 5.019 ug/L

RT: 1.54 min Scan# 140

Delta R.T. 0.00 min

Lab File: VV008618.D

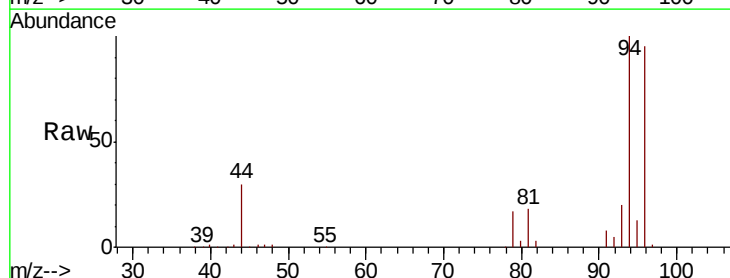
Acq: 17 Nov 2018 06:57

Tgt Ion: 94 Resp: 42504

Ion Ratio Lower Upper

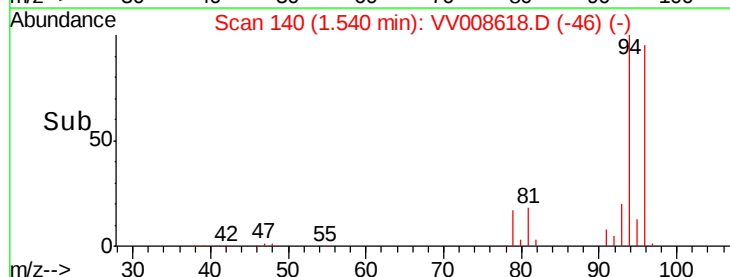
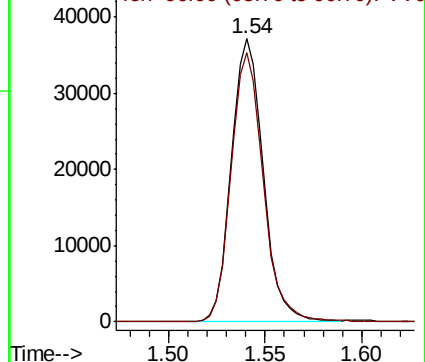
94 100

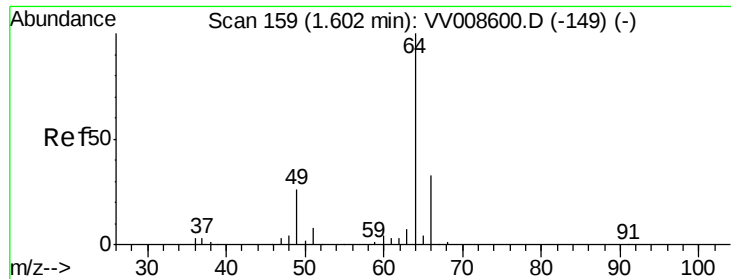
96 94.9 63.2 117.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 5.149 ug/L

RT: 1.60 min Scan# 160

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

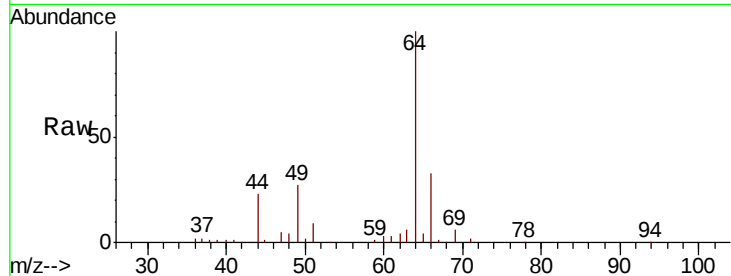
VSTD00577

Tgt Ion: 64 Resp: 40962

Ion Ratio Lower Upper

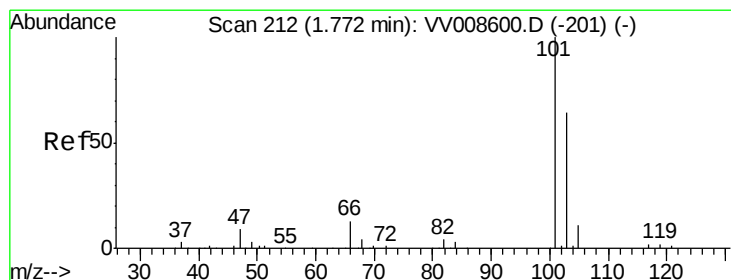
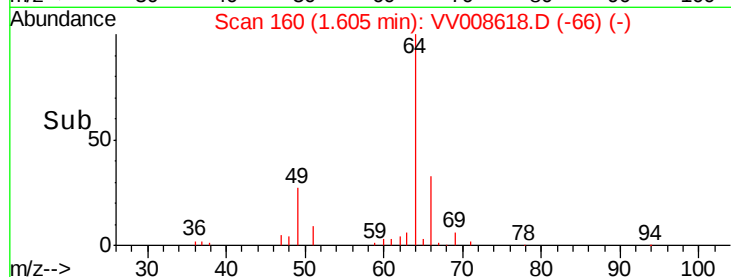
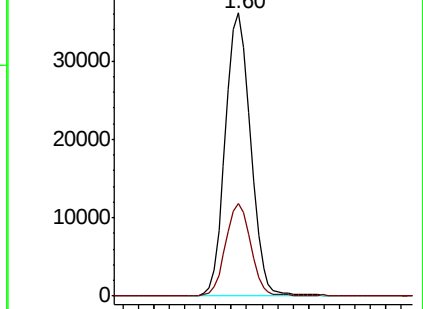
64 100

66 32.8 22.7 42.3



Abundance Ion 64.10 (63.80 to 64.80): VV008618.D (-149) (-)

Ion 66.05 (65.75 to 66.75): VV008618.D (-149) (-)



#9

Trichlorofluoromethane

Concen: 5.254 ug/L

RT: 1.78 min Scan# 213

Delta R.T. 0.00 min

Lab File: VV008618.D

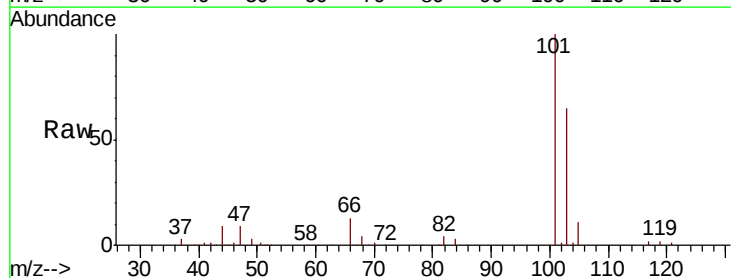
Acq: 17 Nov 2018 06:57

Tgt Ion: 101 Resp: 98317

Ion Ratio Lower Upper

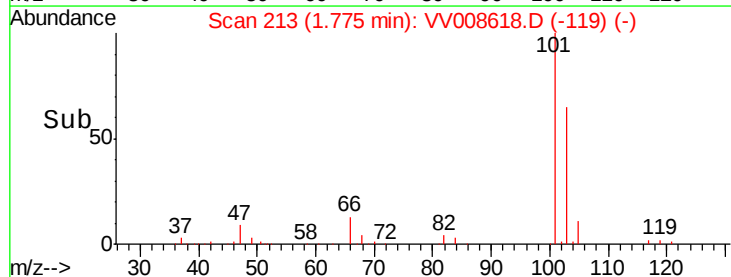
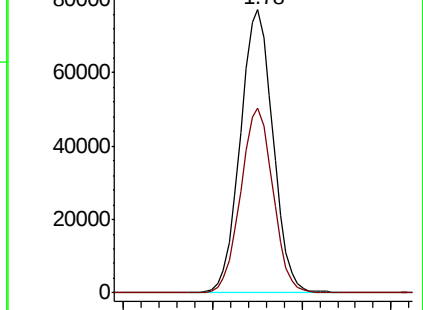
101 100

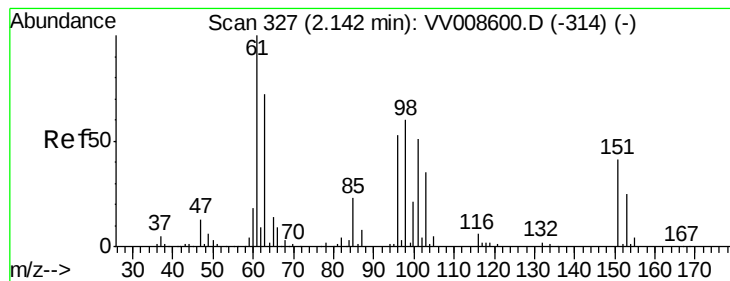
103 64.4 51.1 76.7



Abundance Ion 101.00 (100.70 to 101.70): VV008618.D (-119) (-)

Ion 103.00 (102.70 to 103.70): VV008618.D (-119) (-)





#10

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

Concen: 5.199 ug/L

RT: 2.14 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD00577

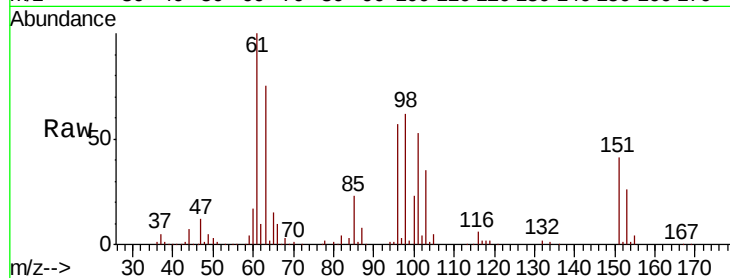
Tgt Ion:101 Resp: 56767

Ion Ratio Lower Upper

101 100

85 43.1 35.4 53.0

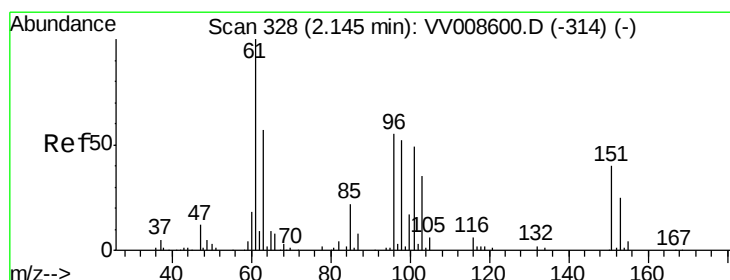
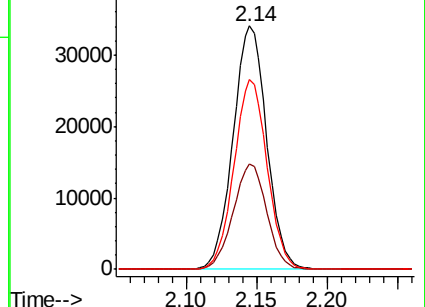
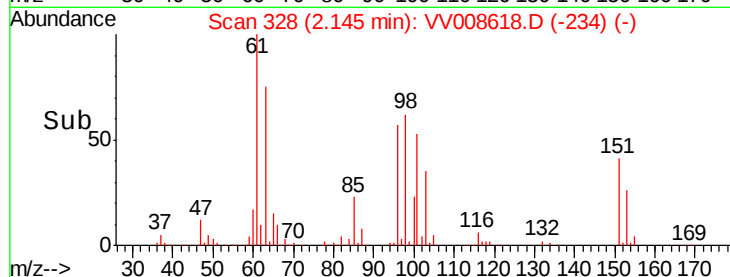
151 77.0 59.4 89.2



Abundance Ion 101.00 (100.70 to 101.70): VV008618.D (-234) (-)

Ion 85.00 (84.70 to 85.70): VV008618.D (-234) (-)

Ion 151.00 (150.70 to 151.70): VV008618.D (-234) (-)



#12

1,1-Dichloroethene

Concen: 5.291 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

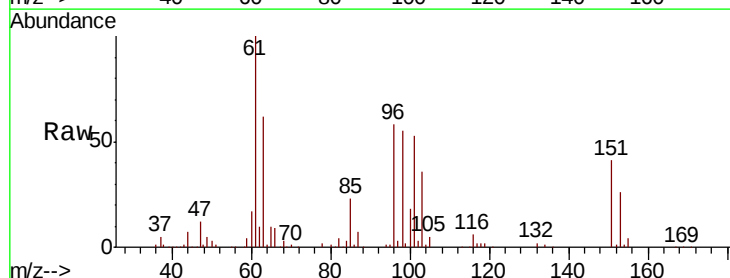
Tgt Ion: 96 Resp: 52664

Ion Ratio Lower Upper

96 100

61 171.8 120.3 223.5

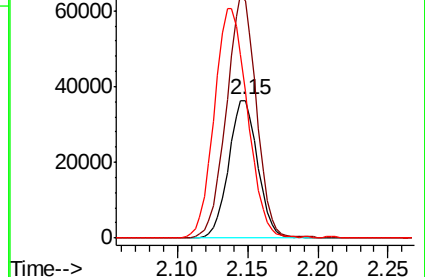
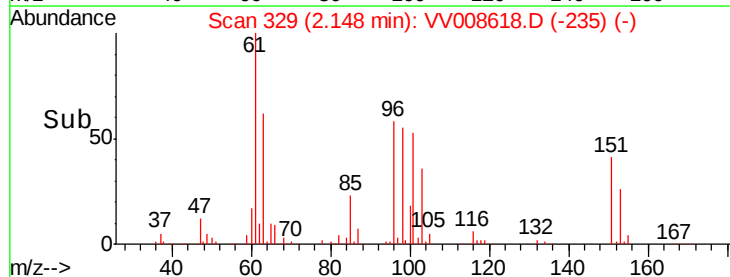
63 106.5 82.5 153.3

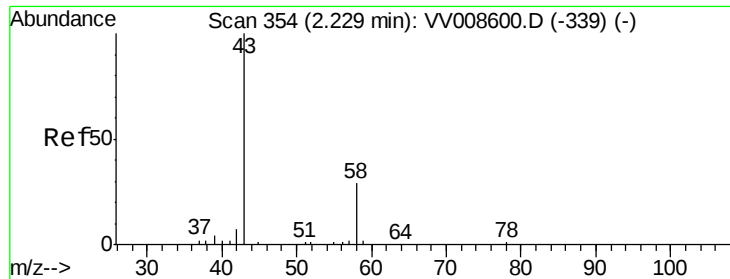


Abundance Ion 96.00 (95.70 to 96.70): VV008618.D (-235) (-)

Ion 61.05 (60.75 to 61.75): VV008618.D (-235) (-)

Ion 63.00 (62.70 to 63.70): VV008618.D (-235) (-)





#13

Acetone

Concen: 46.192 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

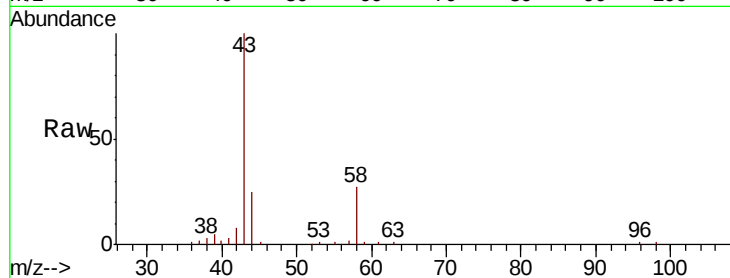
VSTD00577

Tgt Ion: 43 Resp: 82204

Ion Ratio Lower Upper

43 100

58 30.7 0.0 56.4



Abundance Ion 43.05 (42.75 to 43.75): VV008618.D (-261) (-)

Ion 58.05 (57.75 to 58.75): VV008618.D (-261) (-)

2.23

25000

20000

15000

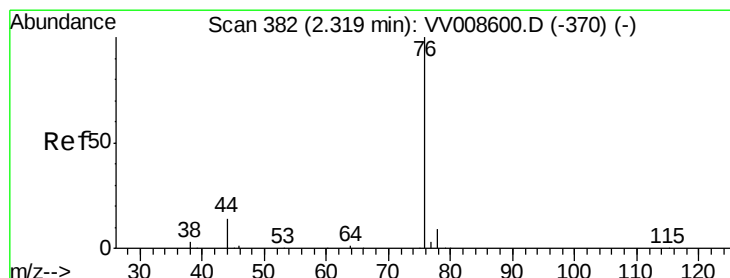
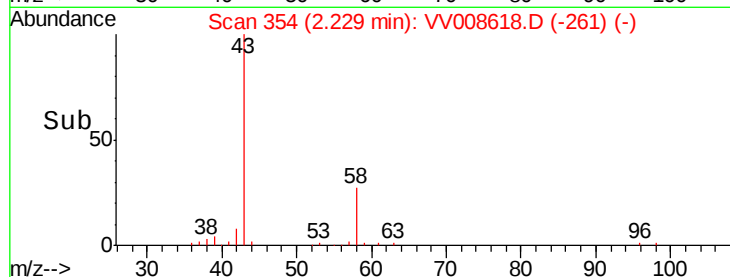
10000

5000

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Time-->

2.10 2.20 2.30 2.40



#14

Carbon disulfide

Concen: 5.037 ug/L

RT: 2.33 min Scan# 384

Delta R.T. 0.01 min

Lab File: VV008618.D

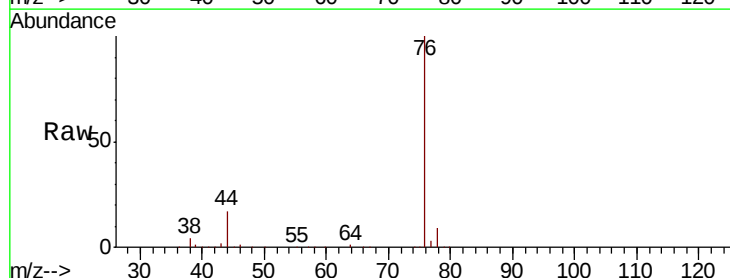
Acq: 17 Nov 2018 06:57

Tgt Ion: 76 Resp: 156486

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.6



Abundance Ion 76.05 (75.75 to 76.75): VV008618.D (-289) (-)

Ion 78.00 (77.70 to 78.70): VV008618.D (-289) (-)

2.33

120000

100000

80000

60000

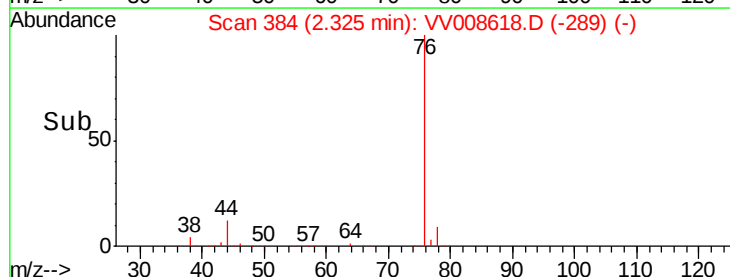
40000

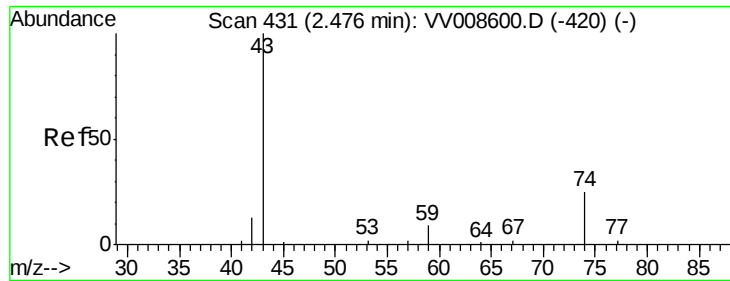
20000

0

Time-->

2.25 2.30 2.35 2.40 2.45

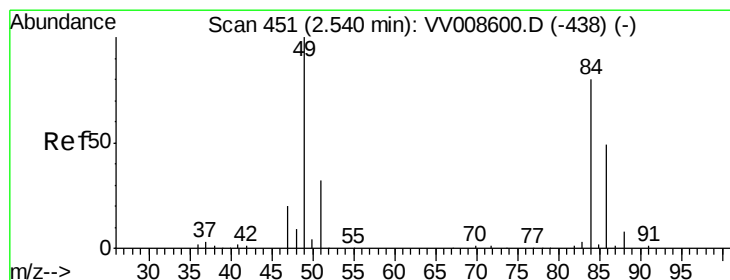
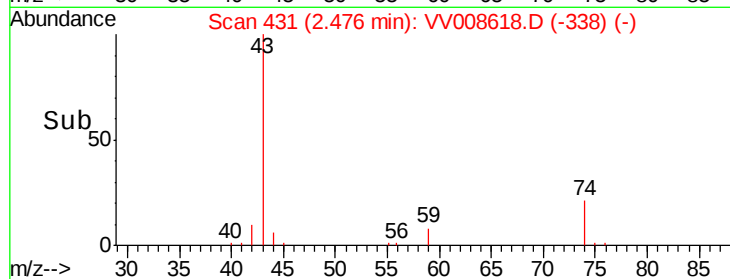
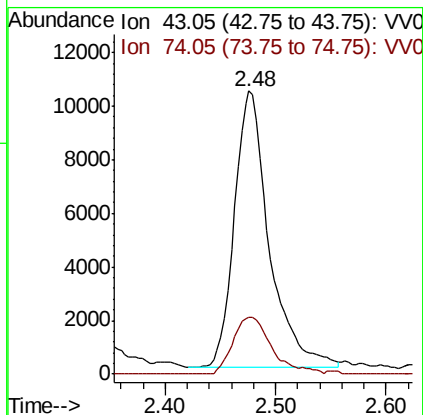
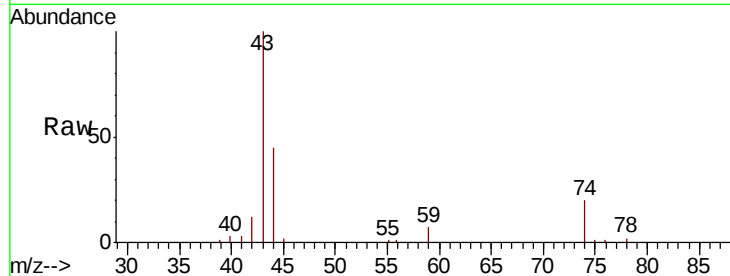




#15
Methyl Acetate
Concen: 5.084 ug/L
RT: 2.48 min Scan# 431
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

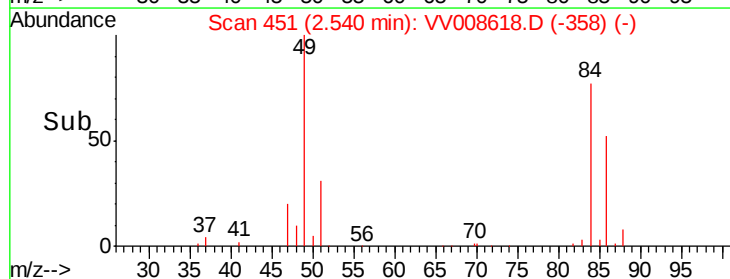
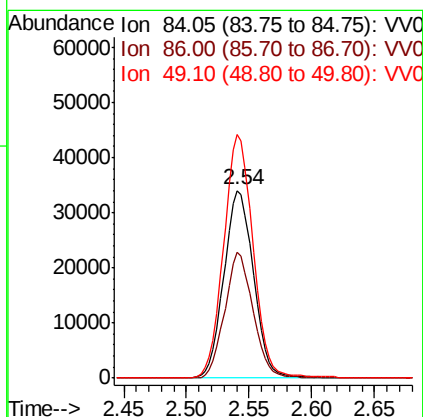
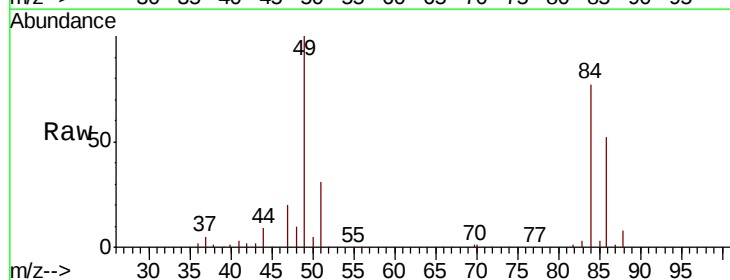
Instrument :
MSVOA_V
ClientSampleId :
VSTD00577

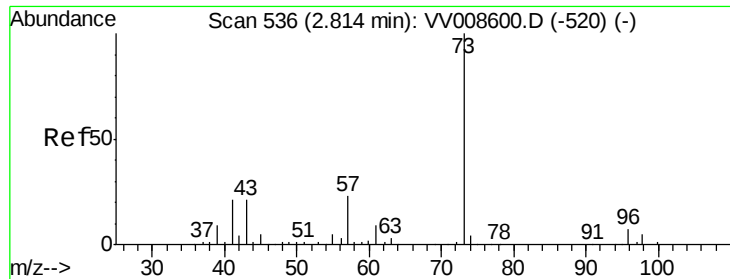
Tgt Ion: 43 Resp: 22637
Ion Ratio Lower Upper
43 100
74 22.9 17.6 26.4



#16
Methylene chloride
Concen: 4.608 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

Tgt Ion: 84 Resp: 55838
Ion Ratio Lower Upper
84 100
86 66.9 44.8 83.2
49 129.9 88.1 163.7

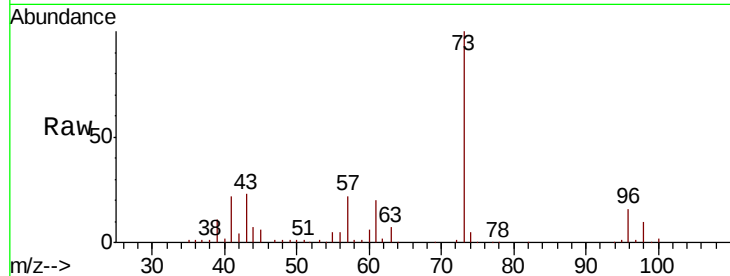




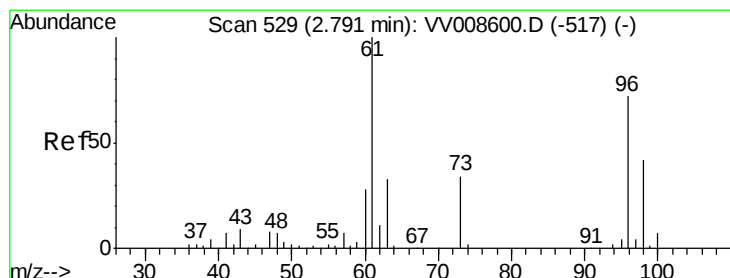
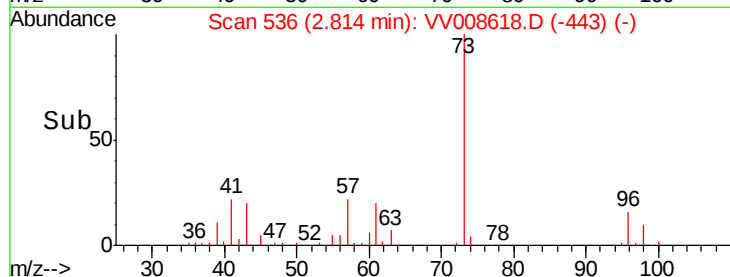
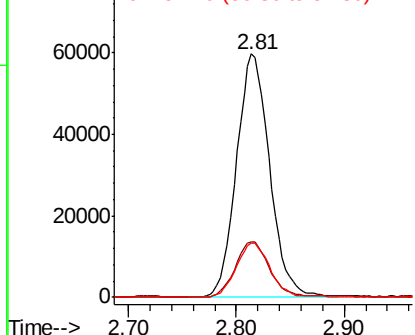
#17
Methyl tert-butyl Ether
Concen: 4.846 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

Instrument :
MSVOA_V
ClientSampleId :
VSTD00577

Tgt Ion: 73 Resp: 128369
Ion Ratio Lower Upper
73 100
43 22.9 18.1 27.1
57 23.0 17.9 26.9

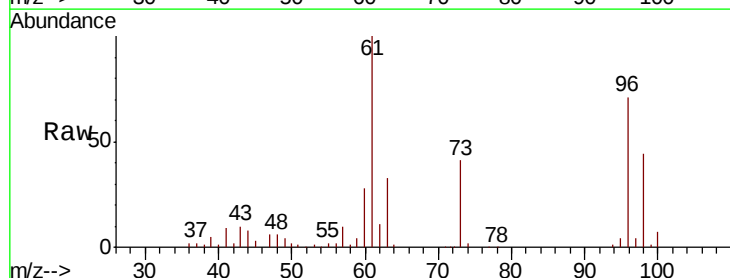


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

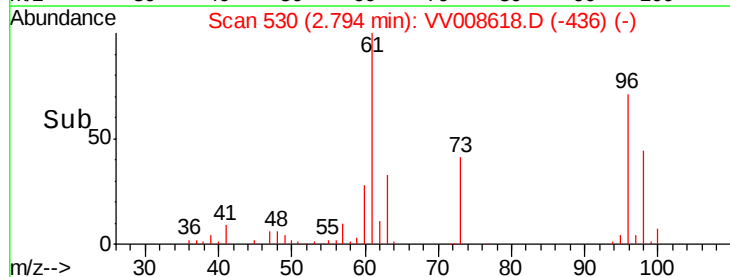
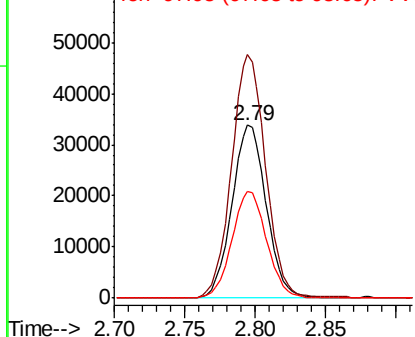


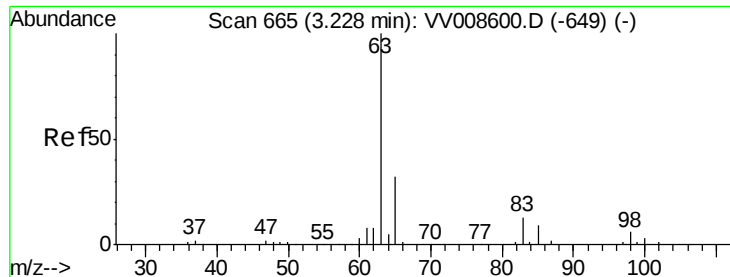
#18
trans-1,2-Dichloroethene
Concen: 5.320 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

Tgt Ion: 96 Resp: 57479
Ion Ratio Lower Upper
96 100
61 140.8 97.1 180.3
98 61.9 41.9 77.7



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

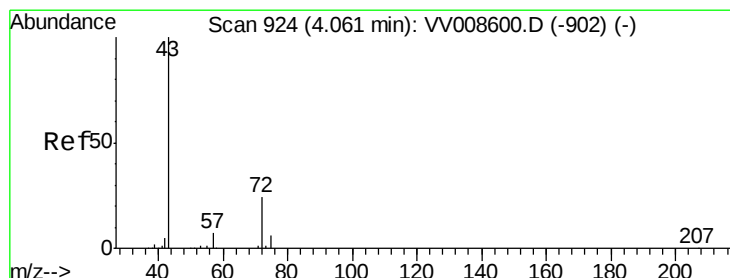
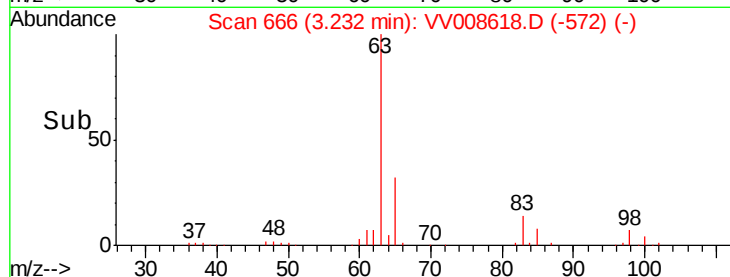
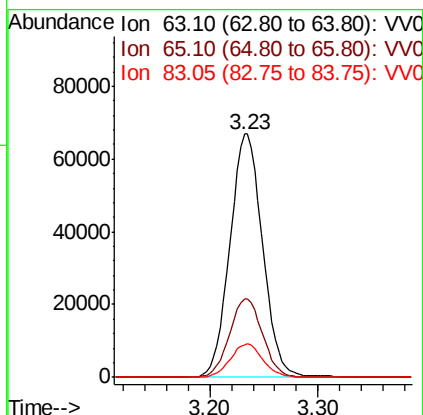
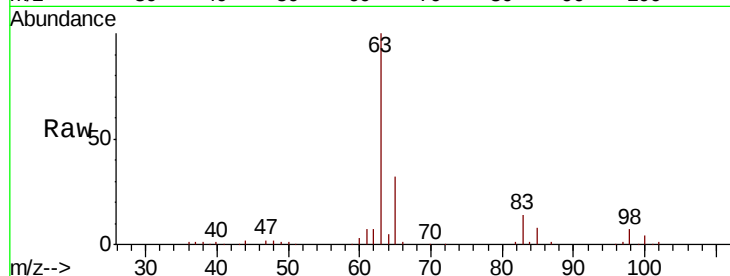




#19
 1,1-Dichloroethane
 Concen: 5.166 ug/L
 RT: 3.23 min Scan# 666
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

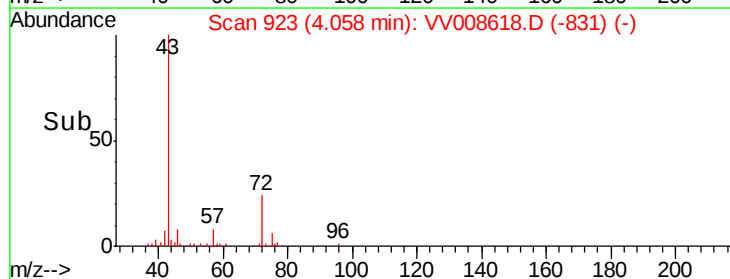
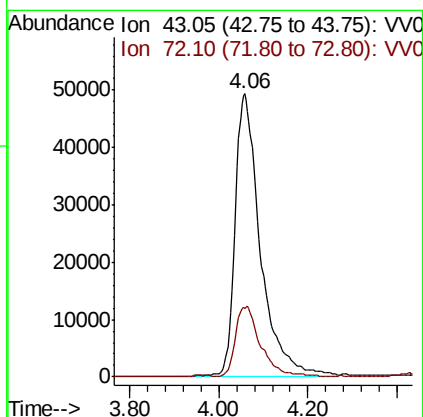
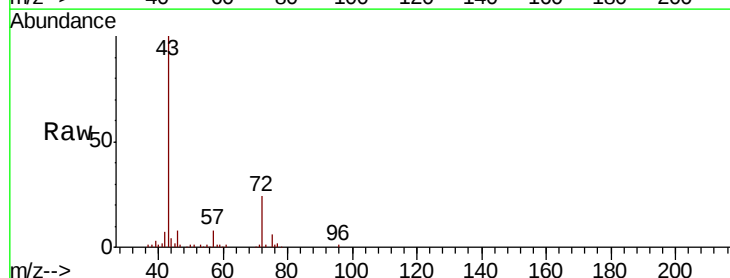
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

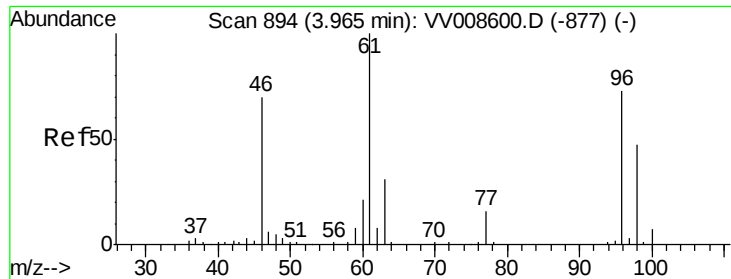
Tgt Ion: 63 Resp: 141252
 Ion Ratio Lower Upper
 63 100
 65 32.2 23.2 43.0
 83 13.6 9.5 17.7



#21
 2-Butanone
 Concen: 49.024 ug/L
 RT: 4.06 min Scan# 923
 Delta R.T. -0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Tgt Ion: 43 Resp: 195337
 Ion Ratio Lower Upper
 43 100
 72 24.3 12.3 36.9



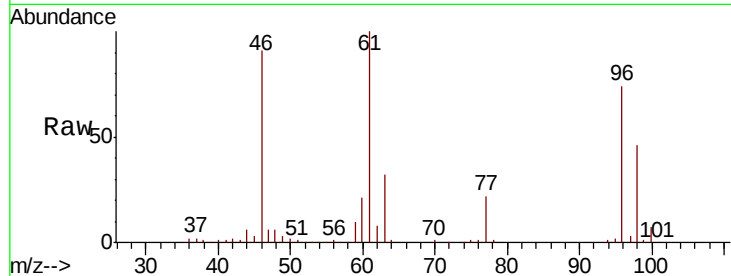


#22

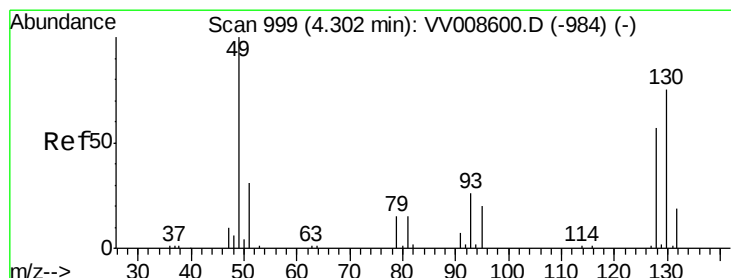
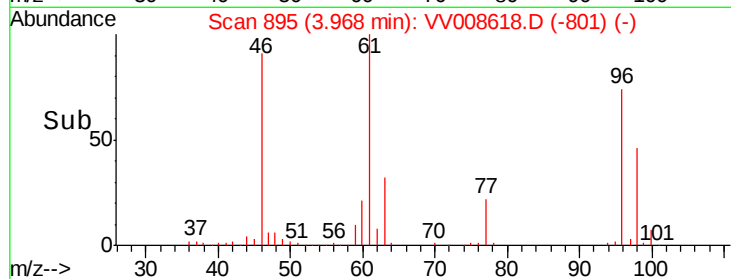
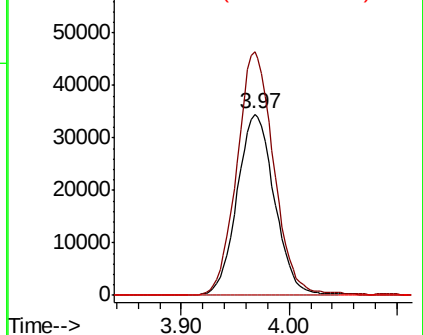
cis-1,2-Dichloroethene
 Concen: 5.098 ug/L
 RT: 3.97 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Tgt Ion: 96 Resp: 83144
 Ion Ratio Lower Upper
 96 100
 61 134.5 93.2 173.2
 68 0.0 0.0 0.0



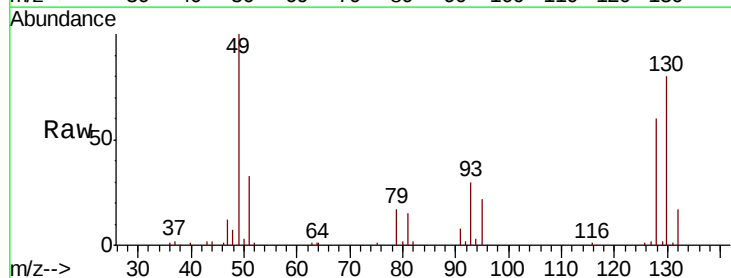
Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0



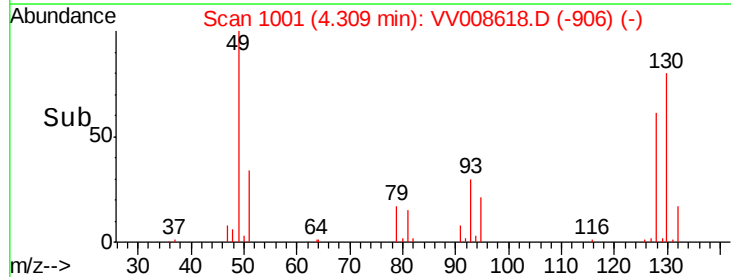
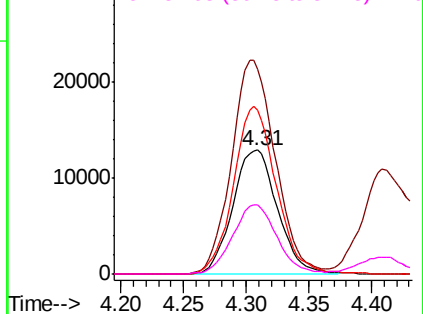
#23

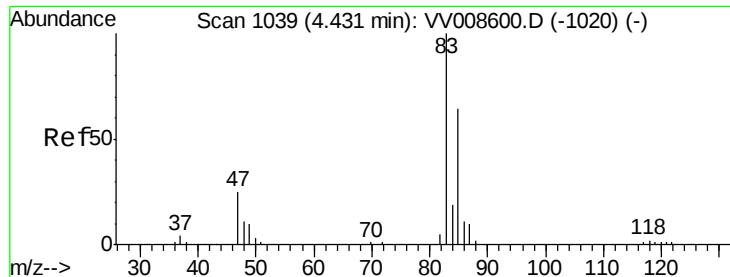
Bromochloromethane
 Concen: 5.089 ug/L
 RT: 4.31 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Tgt Ion: 128 Resp: 31940
 Ion Ratio Lower Upper
 128 100
 49 165.5 120.0 222.8
 130 131.8 92.3 171.3
 51 55.4 40.0 60.0



Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VV0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VV0

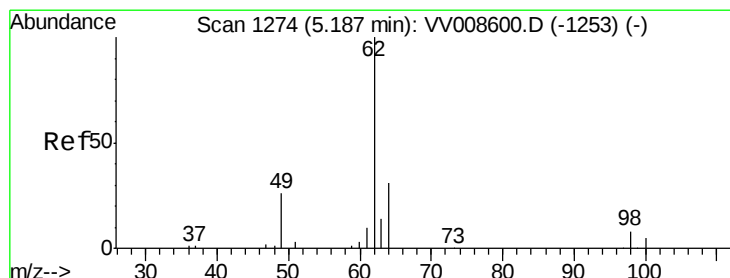
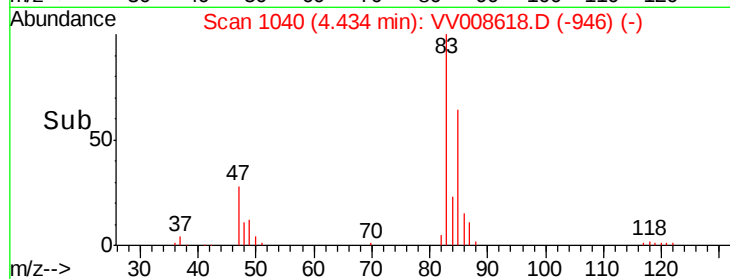
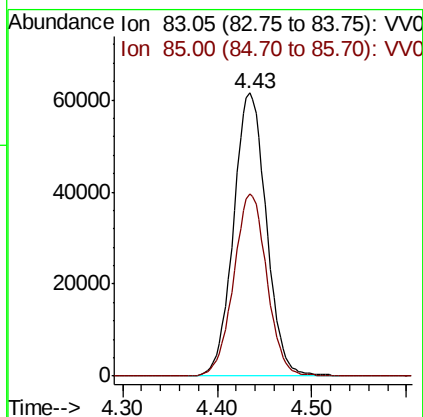
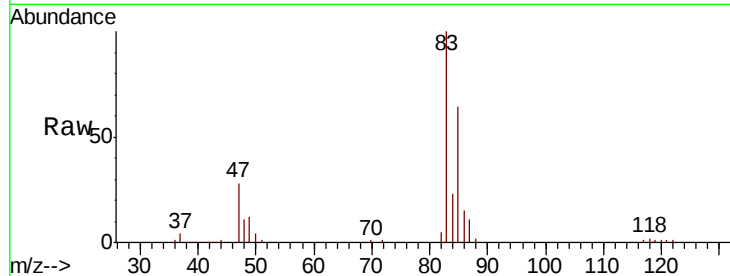




#25
Chloroform
Concen: 4.295 ug/L
RT: 4.43 min Scan# 1040
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

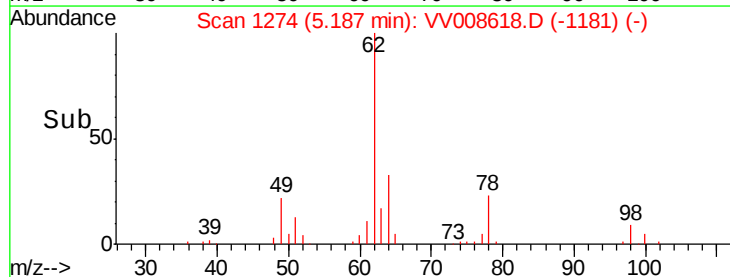
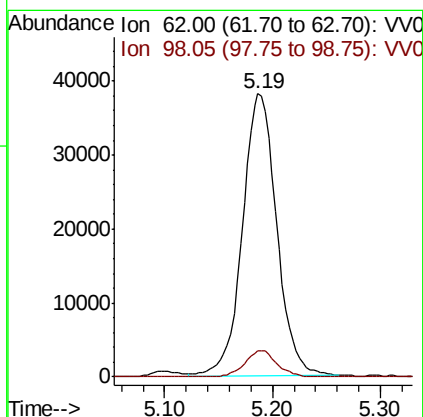
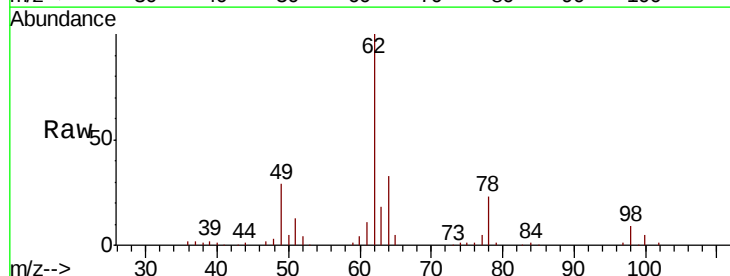
Instrument :
MSVOA_V
ClientSampleId :
VSTD00577

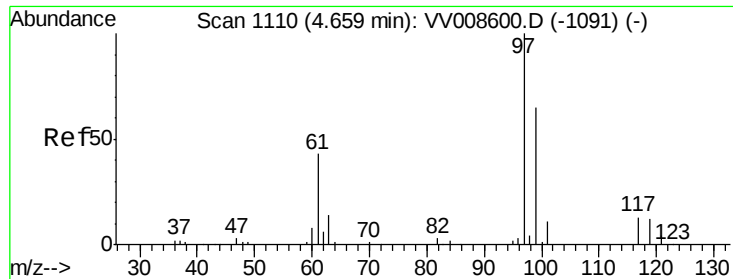
Tgt Ion: 83 Resp: 148337
Ion Ratio Lower Upper
83 100
85 64.4 44.4 82.5



#27
1,2-Dichloroethane
Concen: 4.875 ug/L
RT: 5.19 min Scan# 1274
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

Tgt Ion: 62 Resp: 84016
Ion Ratio Lower Upper
62 100
98 9.1 7.1 10.7

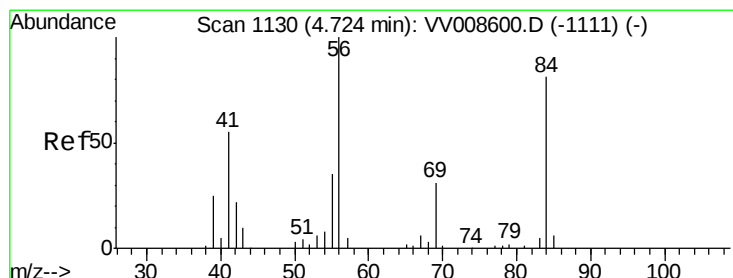
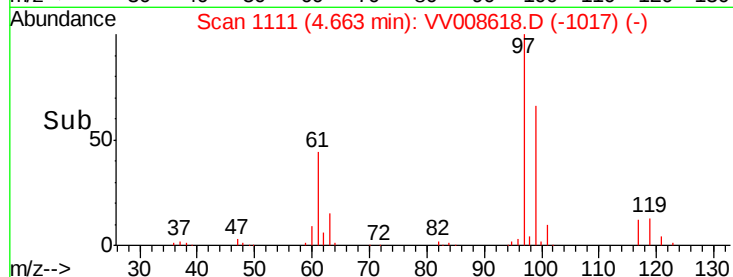
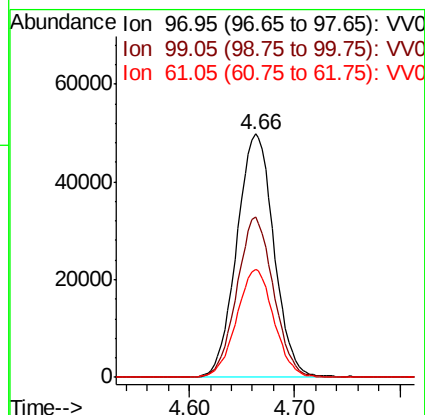
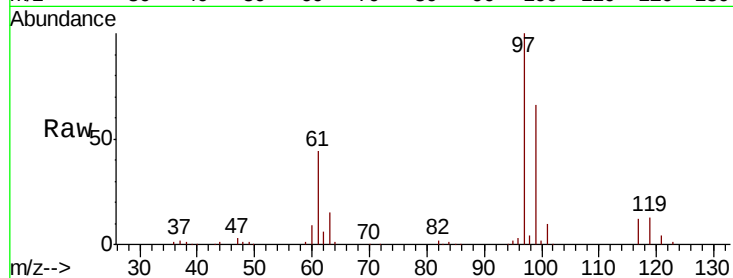




#29
1,1,1-Trichloroethane
Concen: 4.881 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

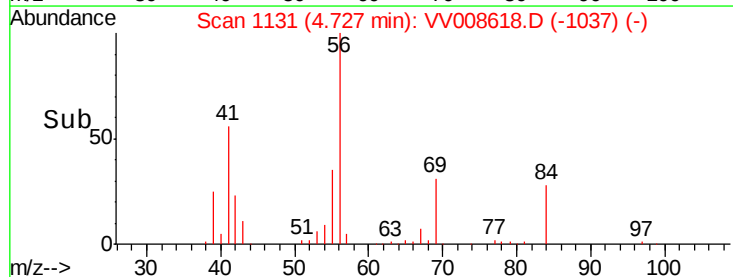
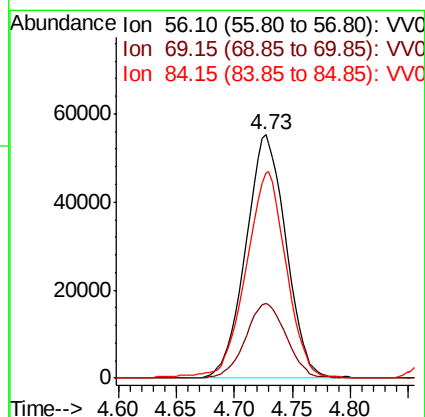
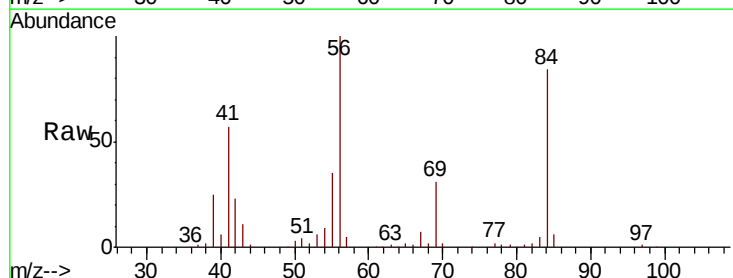
Instrument :
MSVOA_V
ClientSampleId :
VSTD00577

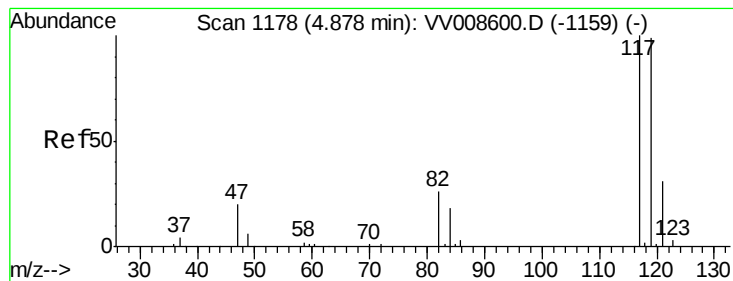
Tgt Ion: 97 Resp: 122075
Ion Ratio Lower Upper
97 100
99 64.9 51.0 76.4
61 44.5 34.3 51.5



#30
Cyclohexane
Concen: 4.790 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

Tgt Ion: 56 Resp: 133232
Ion Ratio Lower Upper
56 100
69 31.1 24.2 36.4
84 85.4 65.7 98.5





#31

Carbon tetrachloride

Concen: 4.912 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

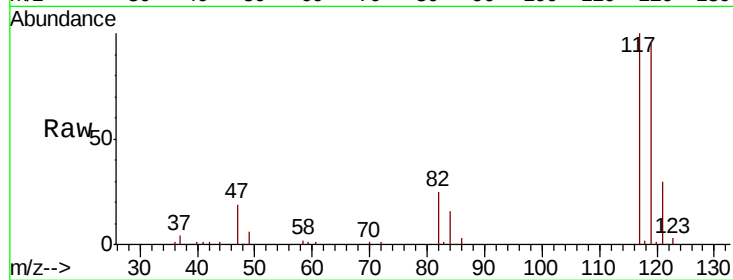
VSTD00577

Tgt Ion:117 Resp: 104486

Ion Ratio Lower Upper

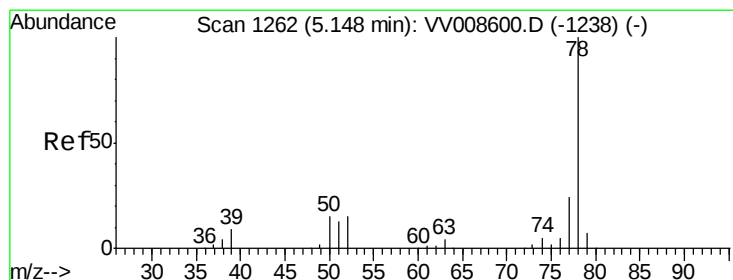
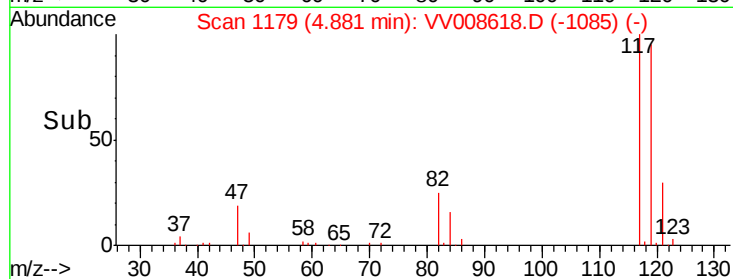
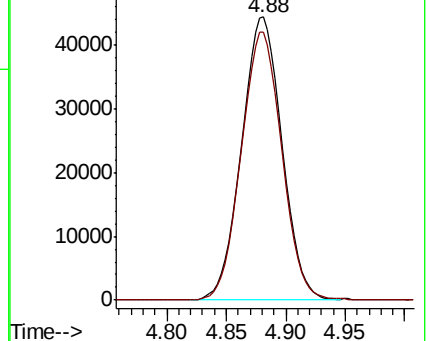
117 100

119 95.2 75.8 113.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.047 ug/L

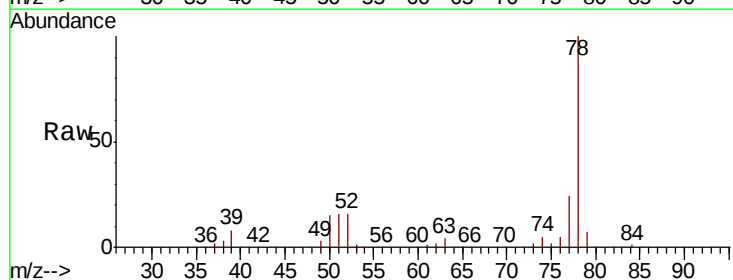
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

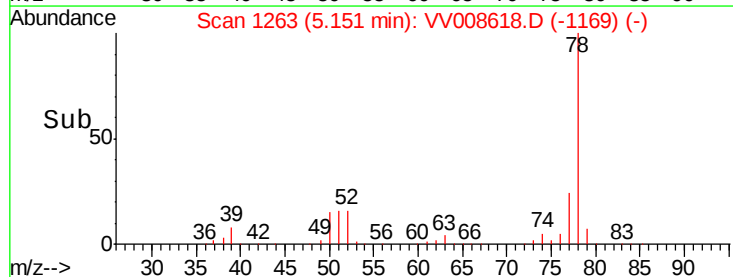
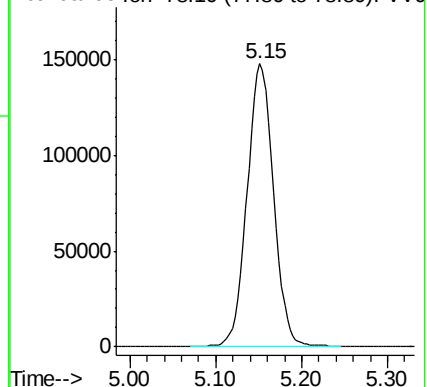
Lab File: VV008618.D

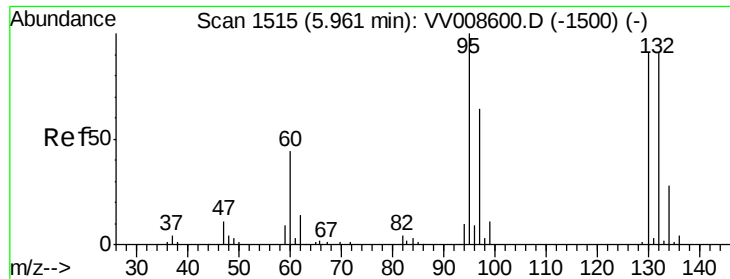
Acq: 17 Nov 2018 06:57

Tgt Ion: 78 Resp: 317050



Abundance Ion 78.10 (77.80 to 78.80): VV0





#34

Trichloroethene

Concen: 4.974 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD00577

Tgt Ion: 95 Resp: 82576

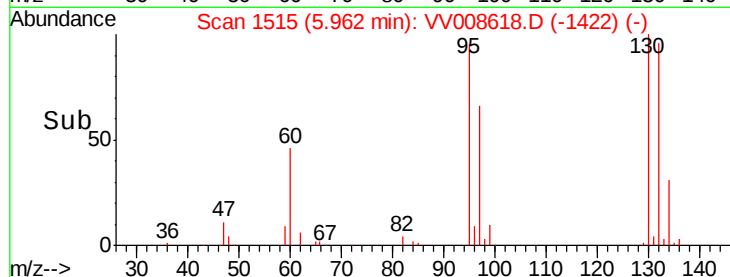
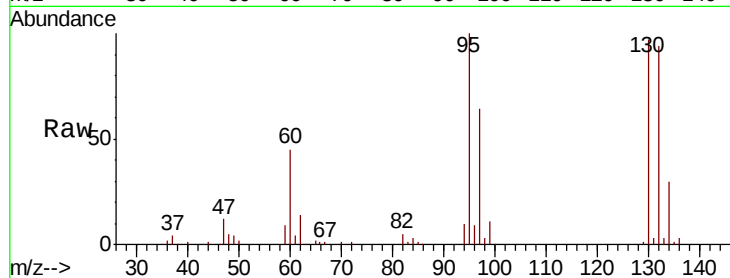
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.7

132 93.7 66.3 123.1

130 97.4 68.0 126.4

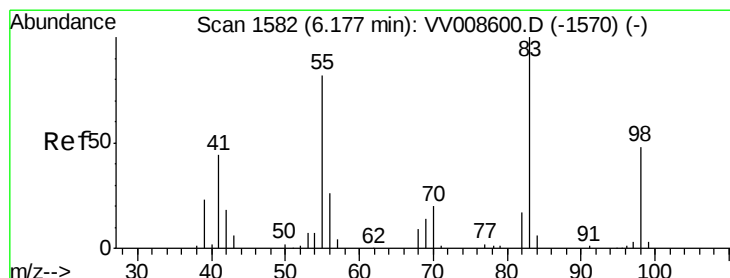
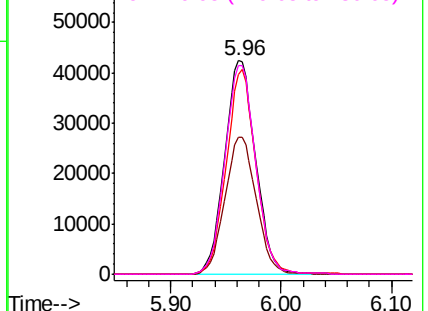


Abundance Ion 95.00 (94.70 to 95.70): VV008618.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008618.D (-1422) (-)

Ion 131.95 (131.65 to 132.65): VV008618.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008618.D (-1422) (-)



#35

Methylcyclohexane

Concen: 4.893 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

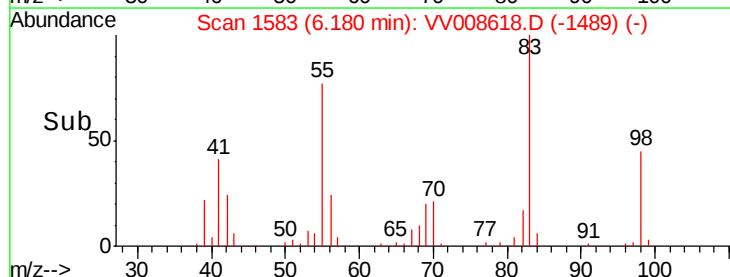
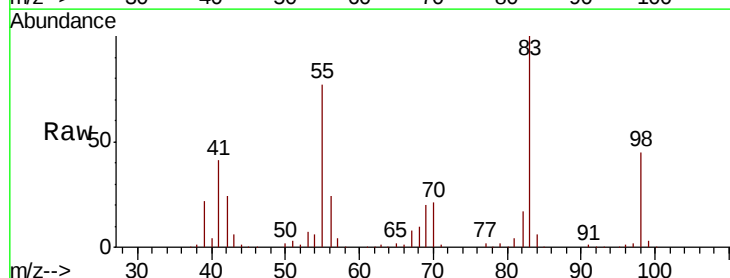
Tgt Ion: 83 Resp: 137567

Ion Ratio Lower Upper

83 100

55 78.9 65.6 98.4

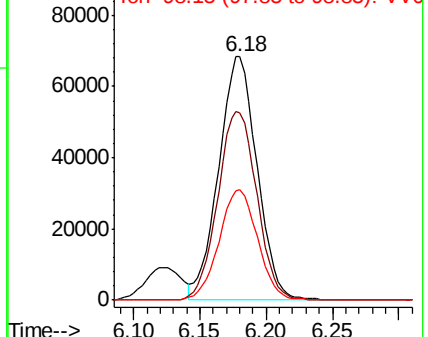
98 45.5 36.4 54.6

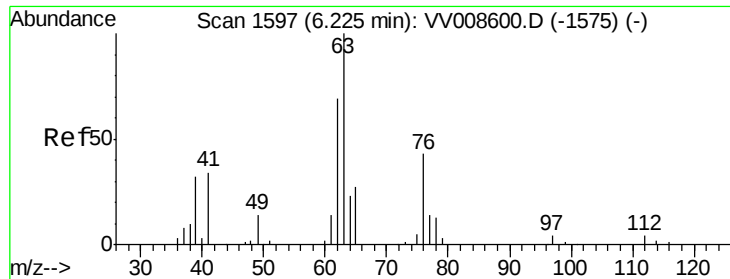


Abundance Ion 83.15 (82.85 to 83.85): VV008618.D (-1489) (-)

Ion 55.10 (54.80 to 55.80): VV008618.D (-1489) (-)

Ion 98.15 (97.85 to 98.85): VV008618.D (-1489) (-)

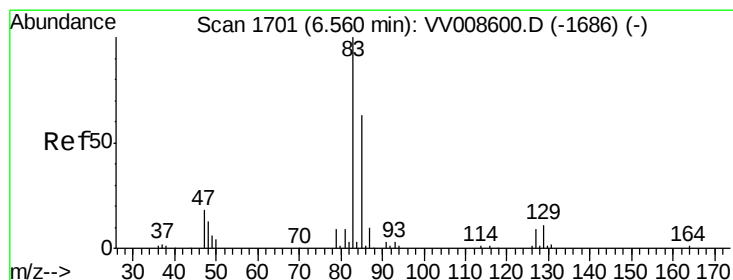
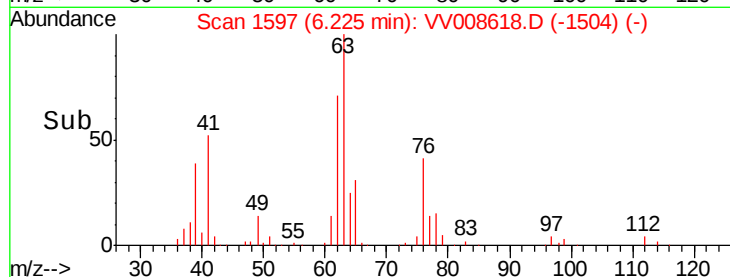
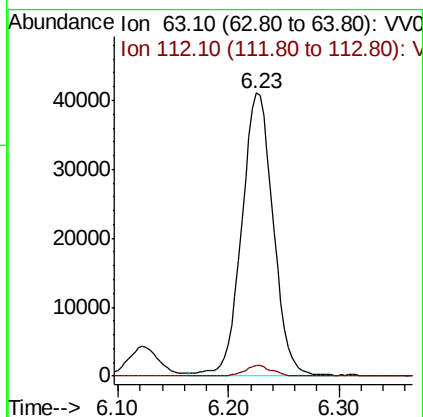
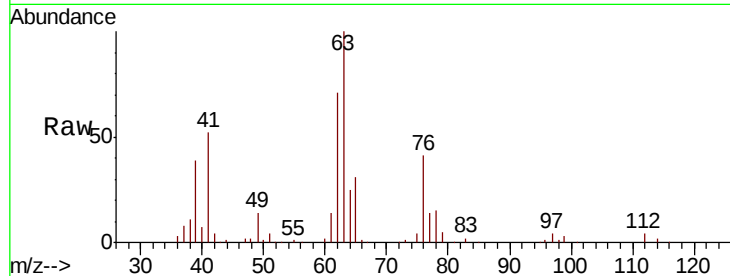




#37
 1,2-Dichloropropane
 Concen: 4.878 ug/L
 RT: 6.23 min Scan# 1597
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

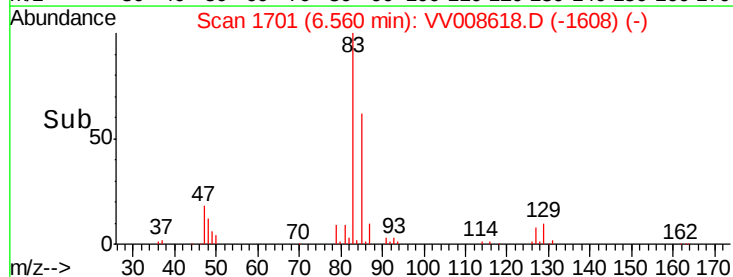
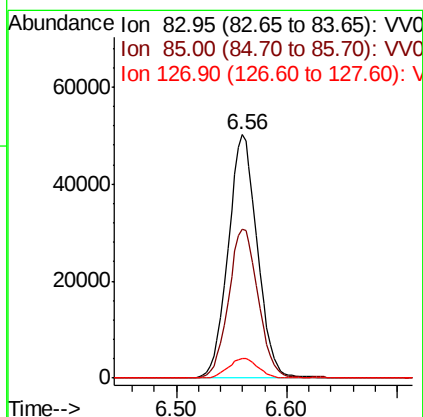
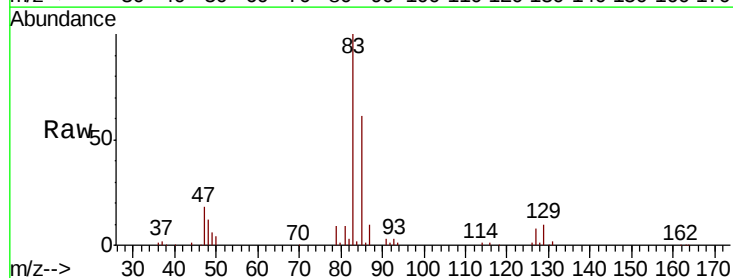
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

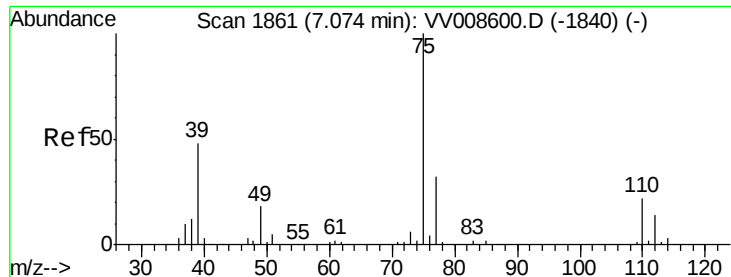
Tgt Ion: 63 Resp: 80532
 Ion Ratio Lower Upper
 63 100
 112 3.2 2.8 4.2



#38
 Bromodichloromethane
 Concen: 4.561 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Tgt Ion: 83 Resp: 91866
 Ion Ratio Lower Upper
 83 100
 85 61.4 44.9 83.5
 127 8.2 6.9 10.3

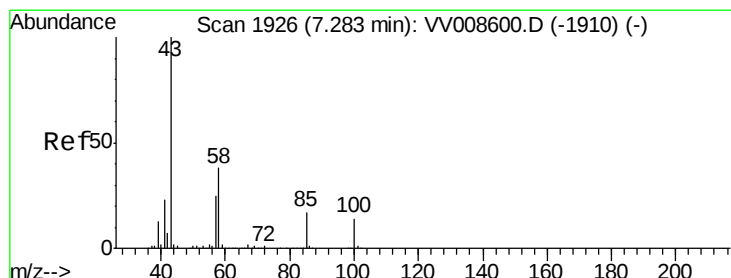
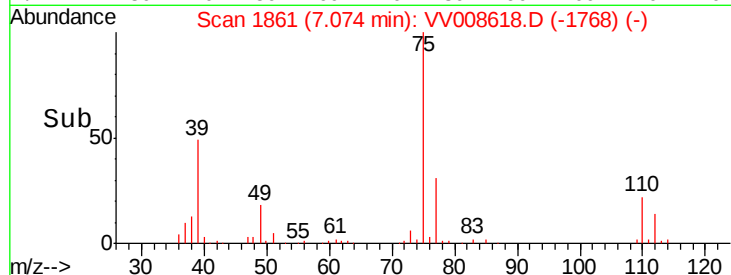
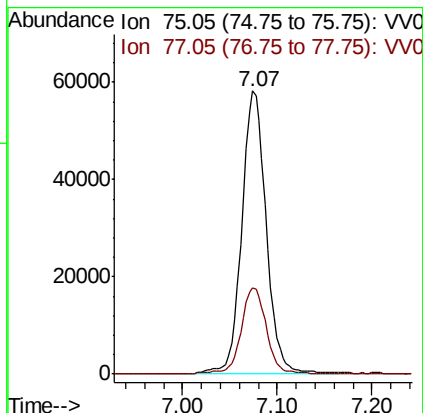
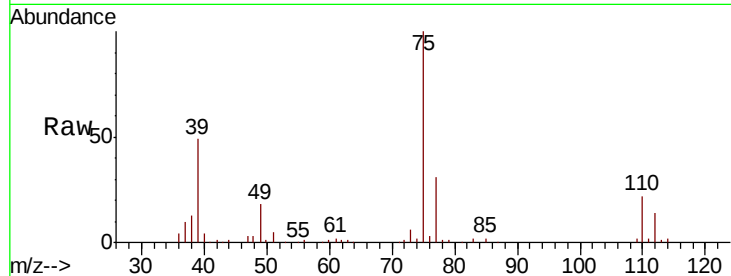




#39
 cis-1,3-Dichloropropene
 Concen: 4.725 ug/L
 RT: 7.07 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

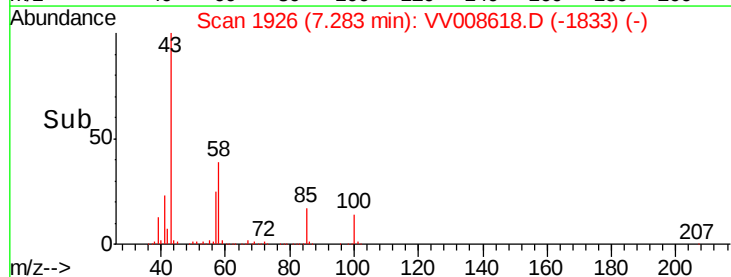
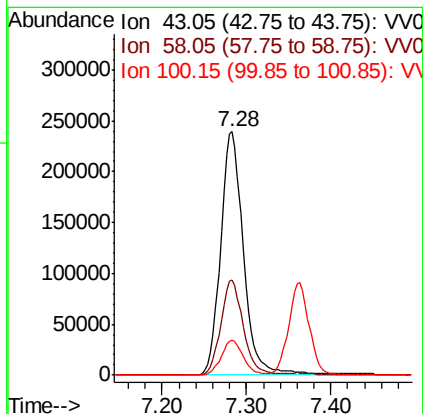
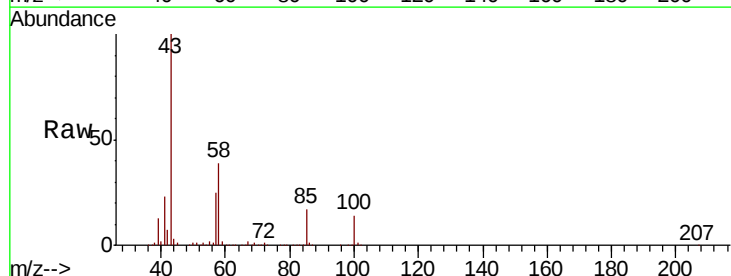
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

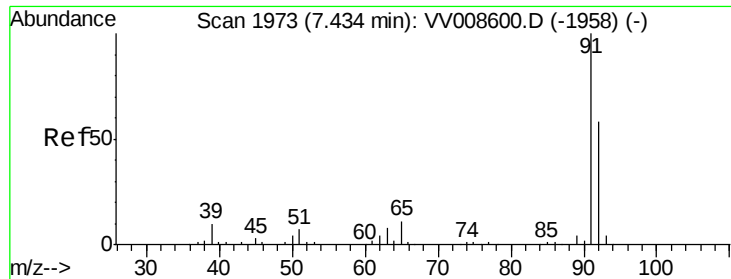
Tgt Ion: 75 Resp: 104863
 Ion Ratio Lower Upper
 75 100
 77 30.6 23.0 42.8



#40
 4-Methyl-2-pentanone
 Concen: 46.577 ug/L
 RT: 7.28 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Tgt Ion: 43 Resp: 450114
 Ion Ratio Lower Upper
 43 100
 58 38.3 31.0 46.4
 100 13.8 11.1 16.7





#42

Toluene

Concen: 5.017 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

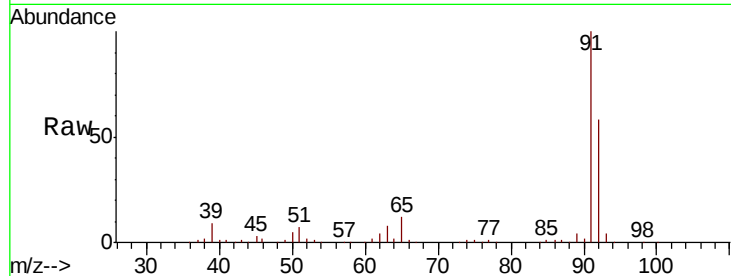
VSTD00577

Tgt Ion: 91 Resp: 328404

Ion Ratio Lower Upper

91 100

92 58.1 39.1 72.5



Abundance Ion 91.15 (90.85 to 91.85): VV008600.D (-1958) (-)

Ion 92.15 (91.85 to 92.85): VV008618.D (-1880) (-)

7.43

200000

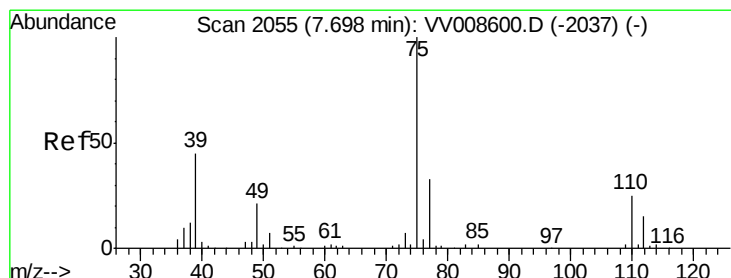
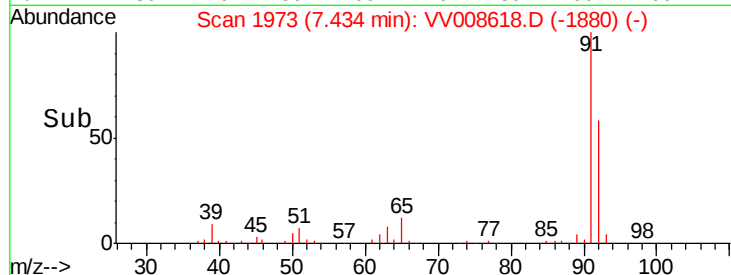
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 4.615 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VV008618.D

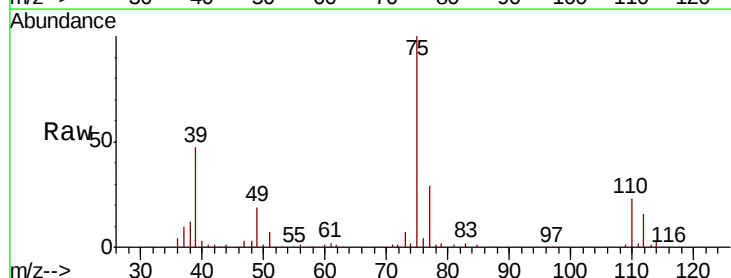
Acq: 17 Nov 2018 06:57

Tgt Ion: 75 Resp: 83438

Ion Ratio Lower Upper

75 100

77 28.9 23.0 42.6



Abundance Ion 75.05 (74.75 to 75.75): VV008600.D (-2037) (-)

Ion 77.05 (76.75 to 77.75): VV008618.D (-1962) (-)

7.70

50000

40000

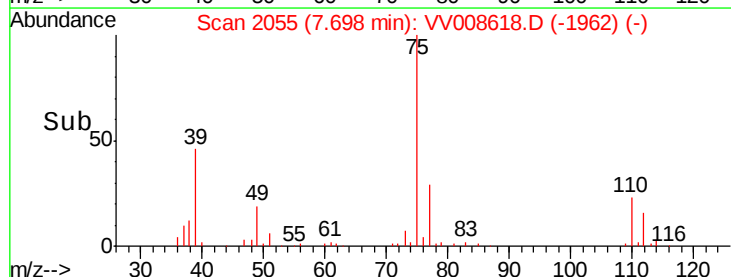
30000

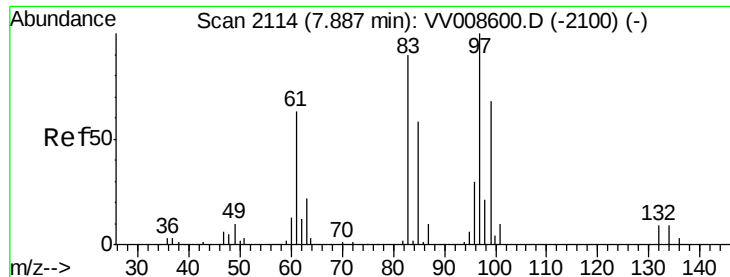
20000

10000

0

Time-->

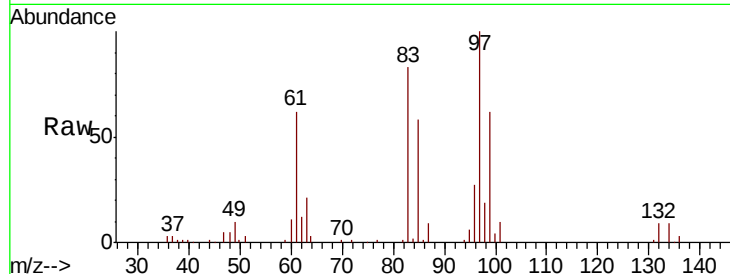




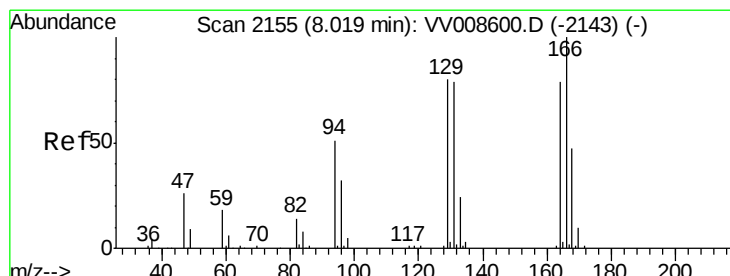
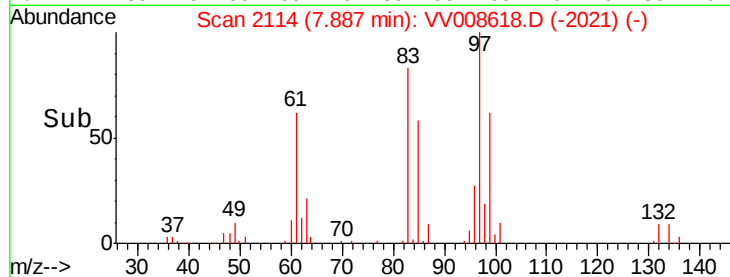
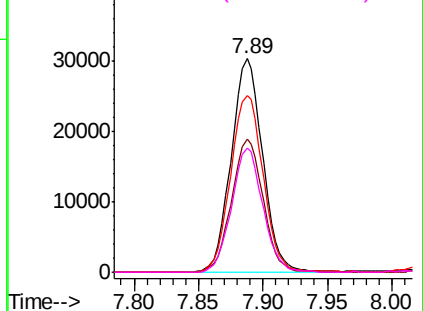
#45
 1,1,2-Trichloroethane
 Concen: 4.887 ug/L
 RT: 7.89 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Tgt Ion:	97	Resp:	51348
Ion	Ratio	Lower	Upper
97	100		
99	62.2	43.0	79.8
83	82.8	63.0	117.0
85	58.2	40.1	74.5

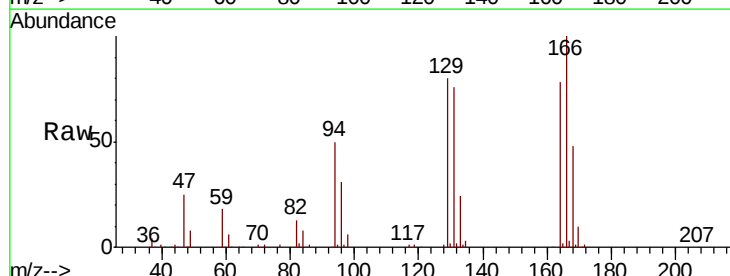


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 82.95 (82.65 to 83.65): VV0
 Ion 85.00 (84.70 to 85.70): VV0

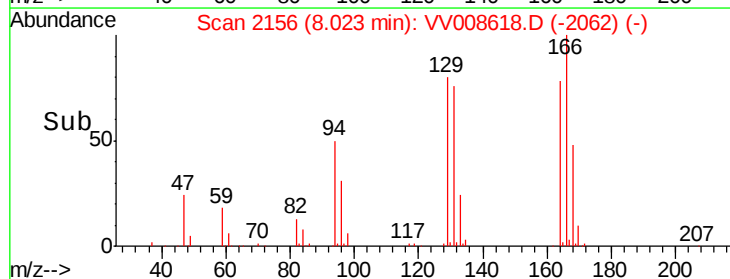
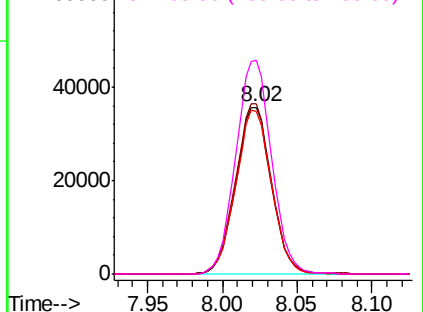


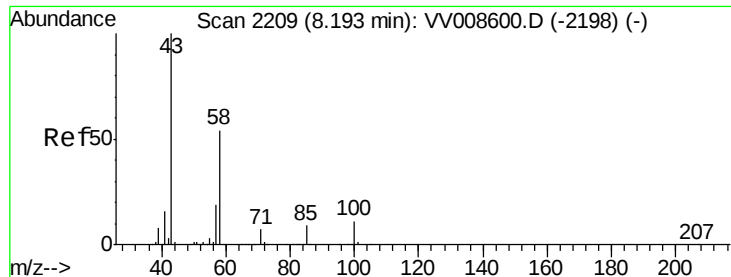
#47
 Tetrachloroethene
 Concen: 4.938 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Tgt Ion:	164	Resp:	59329
Ion	Ratio	Lower	Upper
164	100		
129	102.1	67.5	125.4
131	97.8	66.4	123.4
166	128.3	85.8	159.3



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

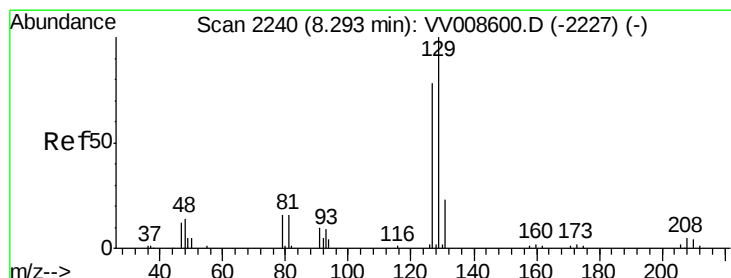
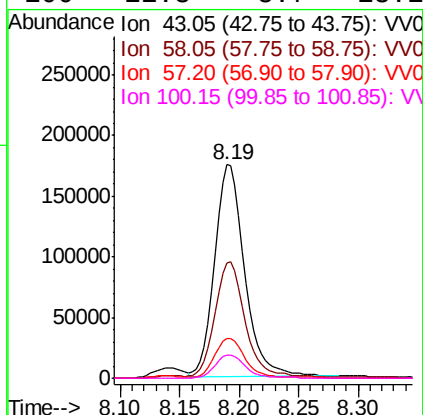
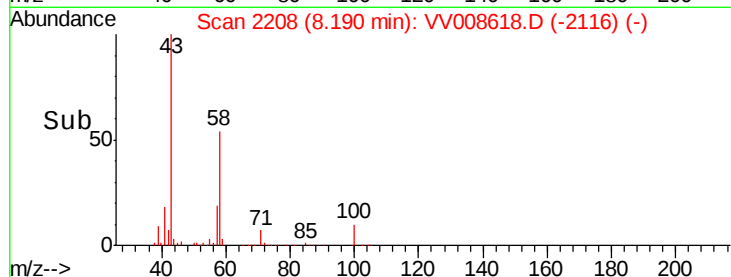
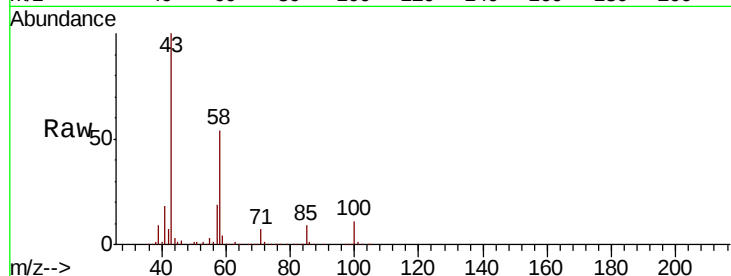




#48
2-Hexanone
Concen: 47.093 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

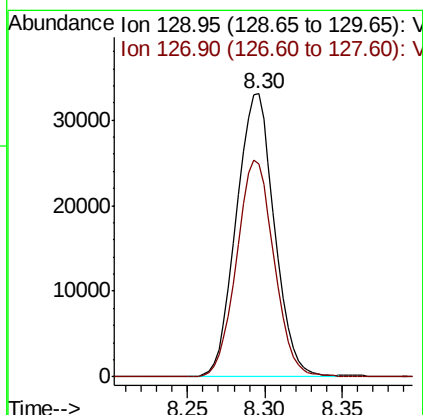
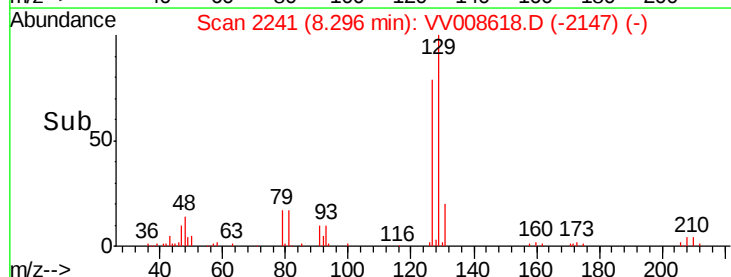
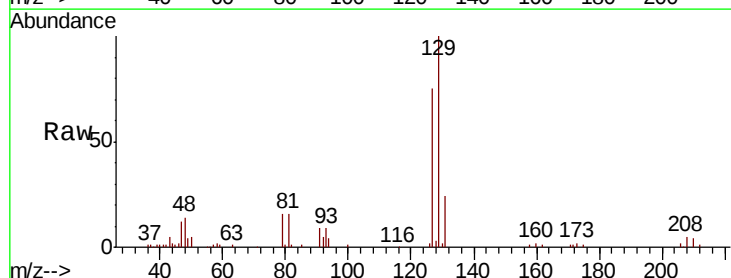
Instrument :
MSVOA_V
ClientSampleId :
VSTD00577

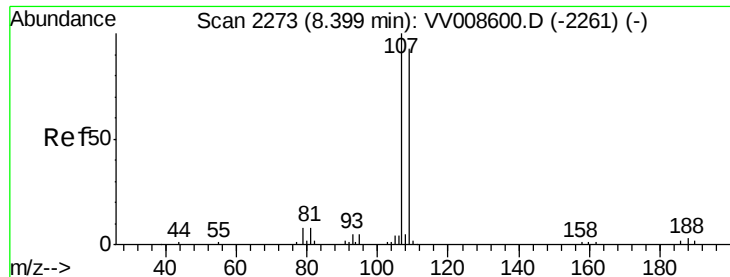
Tgt Ion: 43 Resp: 307161
Ion Ratio Lower Upper
43 100
58 55.7 41.8 62.8
57 19.4 15.4 23.0
100 11.3 8.7 13.1



#49
Dibromochloromethane
Concen: 4.729 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

Tgt Ion: 129 Resp: 56517
Ion Ratio Lower Upper
129 100
127 75.1 54.6 101.4

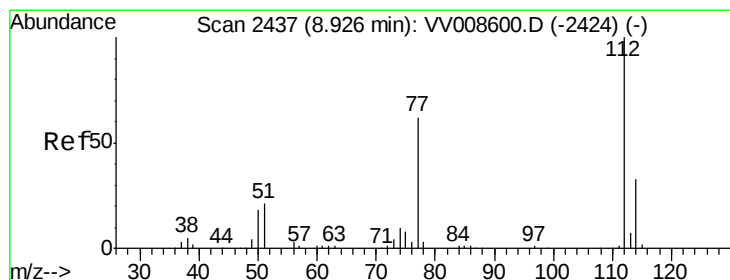
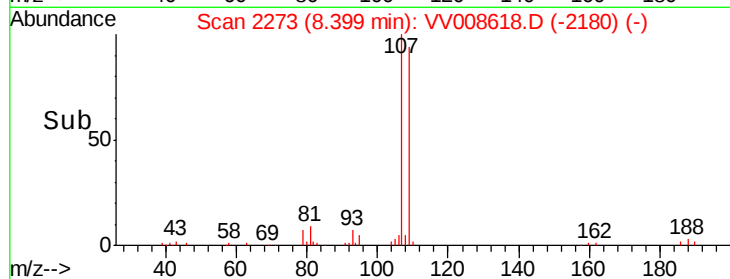
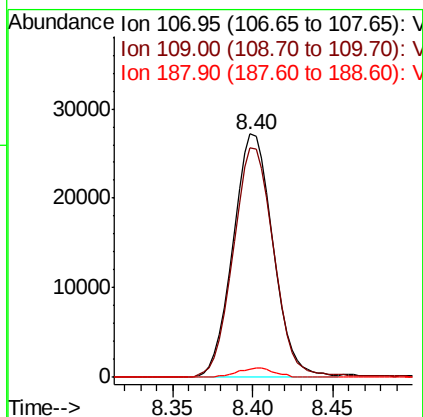
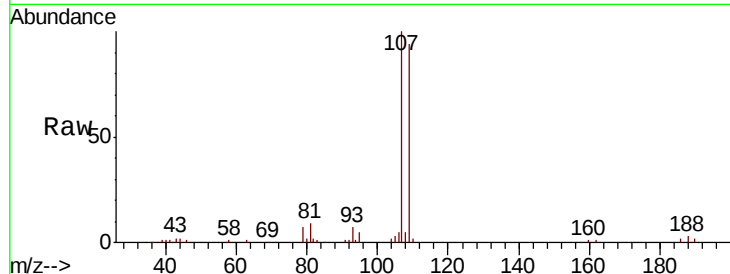




#50
1,2-Dibromoethane
Concen: 4.878 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

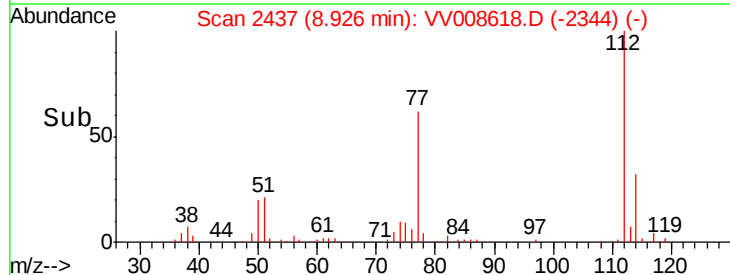
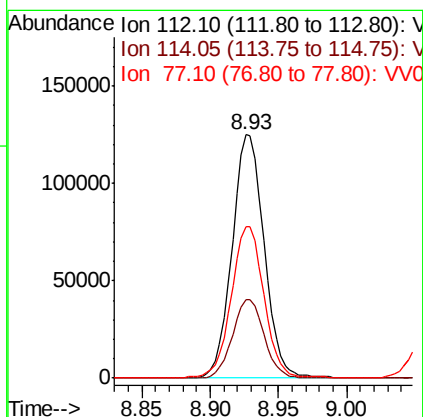
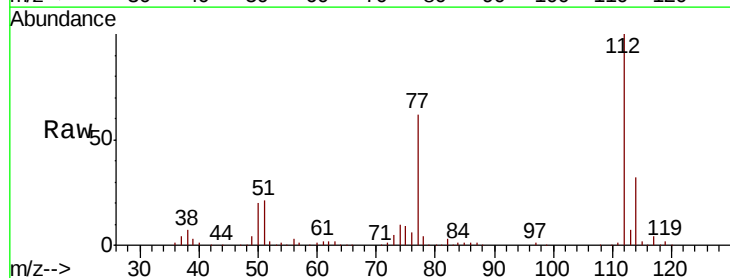
Instrument :
MSVOA_V
ClientSampleId :
VSTD00577

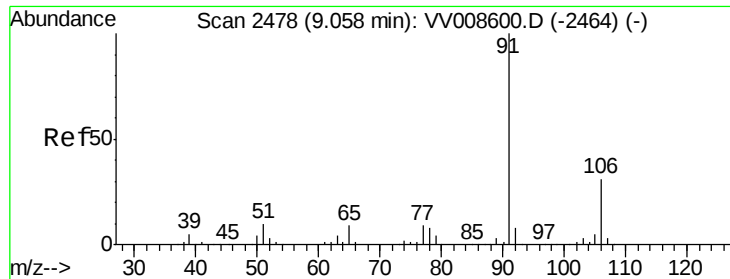
Tgt Ion:107 Resp: 46317
Ion Ratio Lower Upper
107 100
109 94.0 62.1 115.3
188 3.3 2.2 3.4



#51
Chlorobenzene
Concen: 5.055 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. 0.00 min
Lab File: VV008618.D
Acq: 17 Nov 2018 06:57

Tgt Ion:112 Resp: 204133
Ion Ratio Lower Upper
112 100
114 32.0 21.9 40.7
77 62.1 47.9 71.9





#52

Ethylbenzene

Concen: 5.129 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

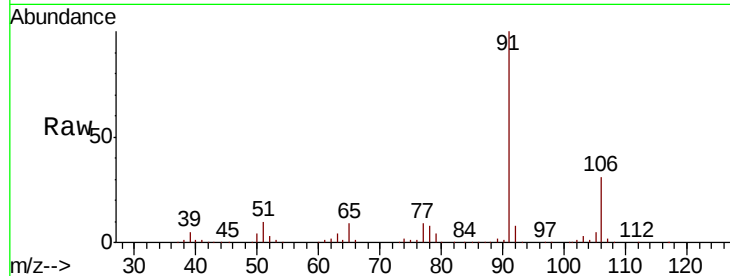
VSTD00577

Tgt Ion: 91 Resp: 369589

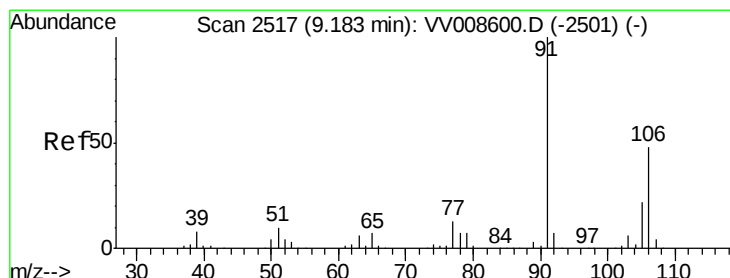
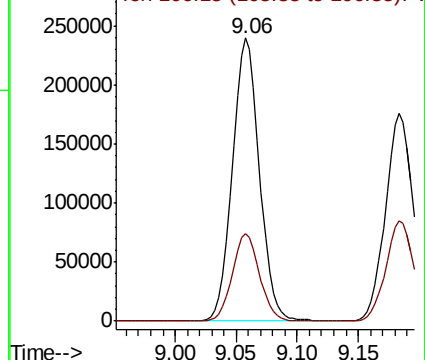
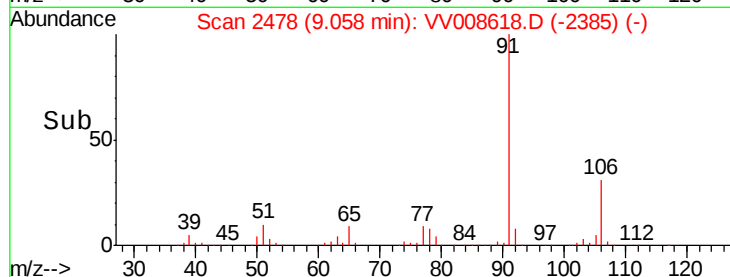
Ion Ratio Lower Upper

91 100

106 31.1 21.3 39.6



Abundance Ion 91.15 (90.85 to 91.85): VV008618.D (-2385) (-)



#53

m,p-xylene

Concen: 5.104 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. 0.00 min

Lab File: VV008618.D

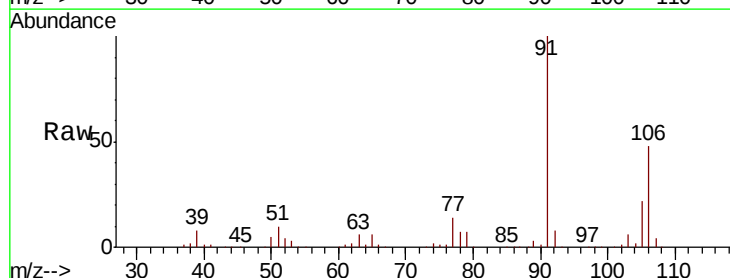
Acq: 17 Nov 2018 06:57

Tgt Ion: 106 Resp: 135942

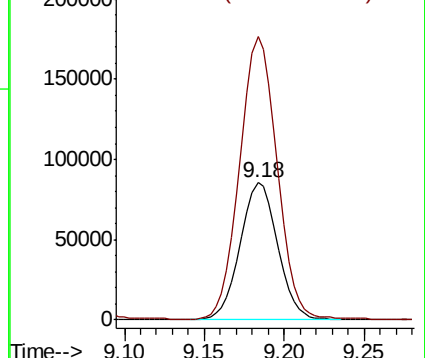
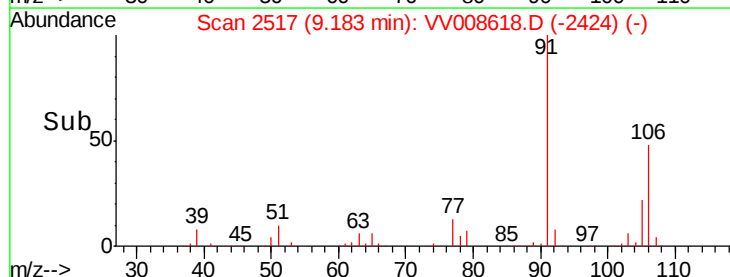
Ion Ratio Lower Upper

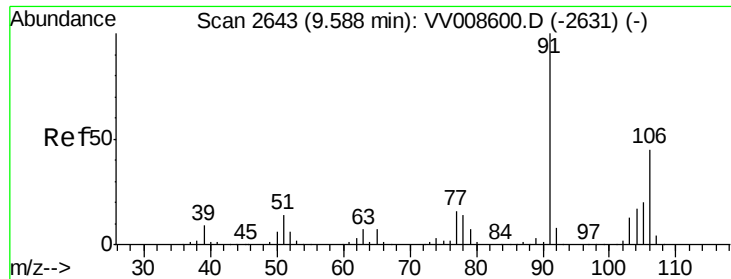
106 100

91 206.6 144.0 267.4



Abundance Ion 106.15 (105.85 to 106.85): VV008618.D (-2424) (-)





#54

o-xylene

Concen: 5.102 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

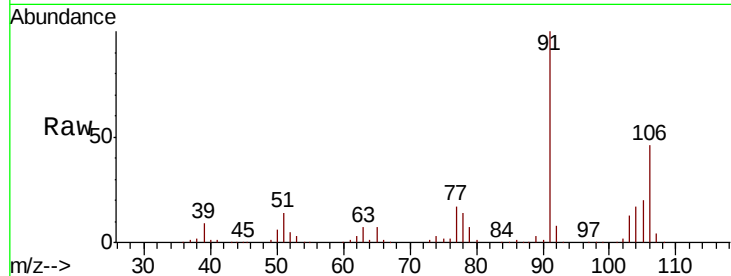
VSTD00577

Tgt Ion:106 Resp: 132260

Ion Ratio Lower Upper

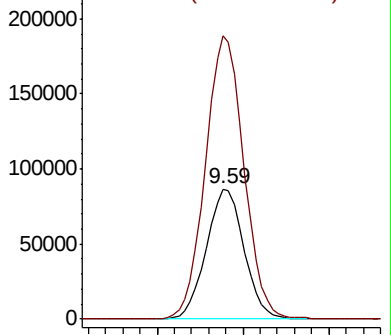
106 100

91 218.0 152.9 284.1

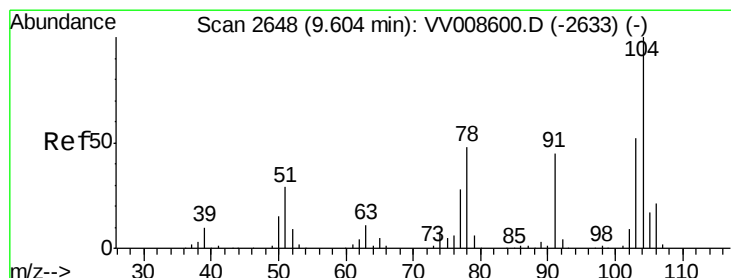
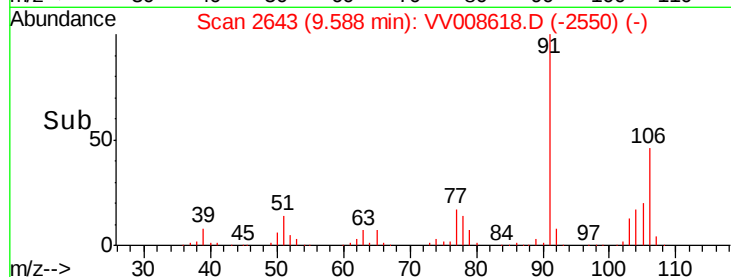


Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



Time-->



#55

Styrene

Concen: 5.316 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV008618.D

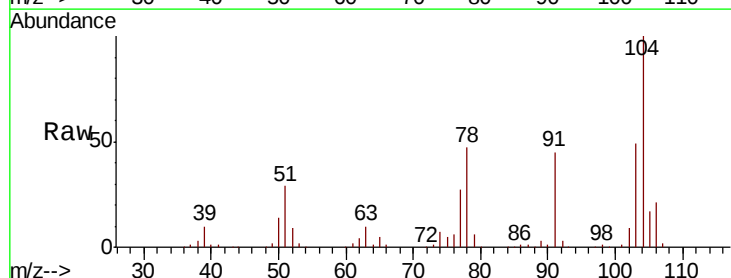
Acq: 17 Nov 2018 06:57

Tgt Ion:104 Resp: 222422

Ion Ratio Lower Upper

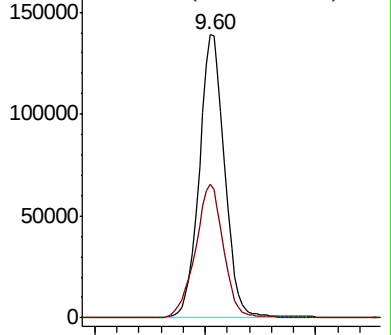
104 100

78 47.0 32.9 61.1

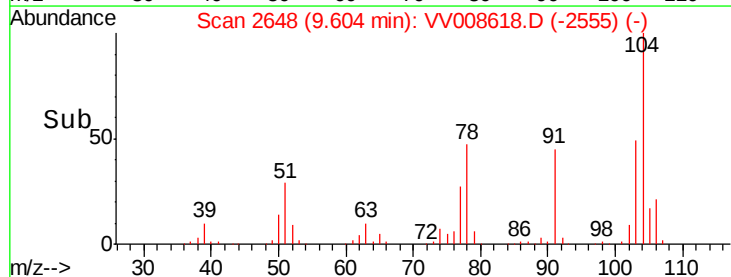


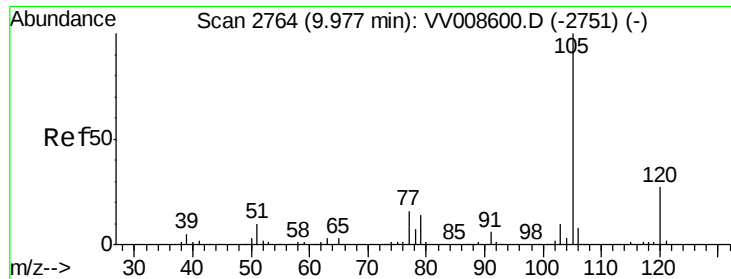
Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



Time-->





#56

Isopropylbenzene

Concen: 5.142 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD00577

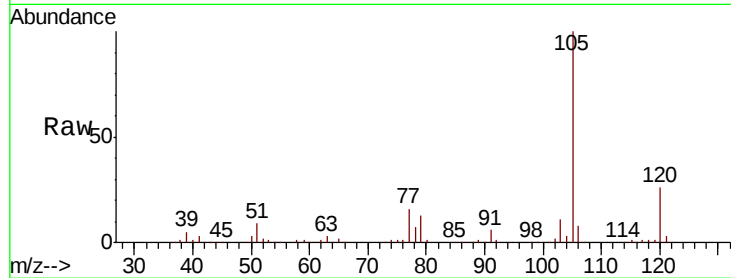
Tgt Ion: 105 Resp: 357865

Ion Ratio Lower Upper

105 100

120 26.0 21.0 31.6

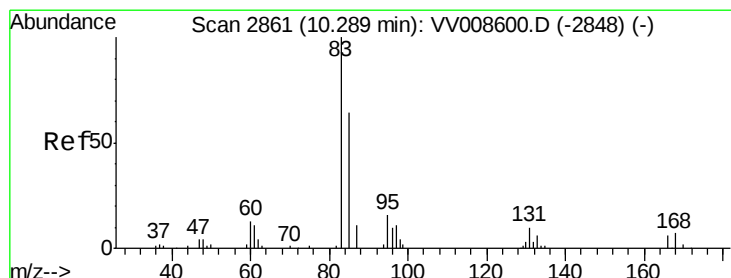
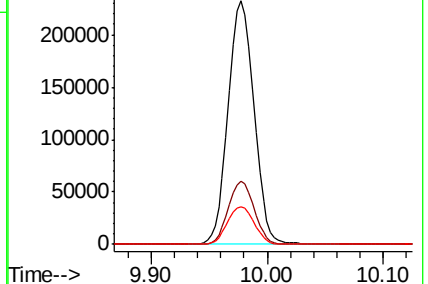
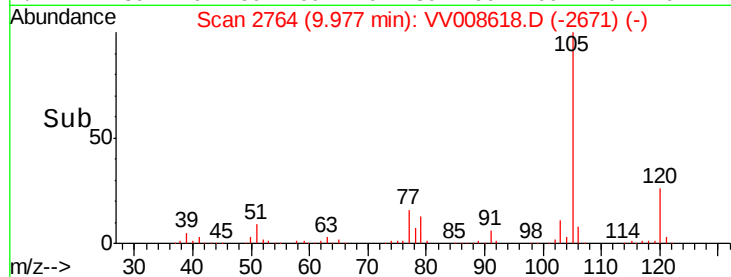
77 16.1 13.0 19.4



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: 4.815 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

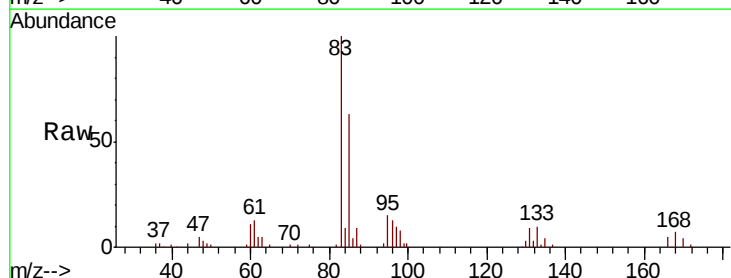
Tgt Ion: 83 Resp: 59711

Ion Ratio Lower Upper

83 100

85 63.1 44.8 83.2

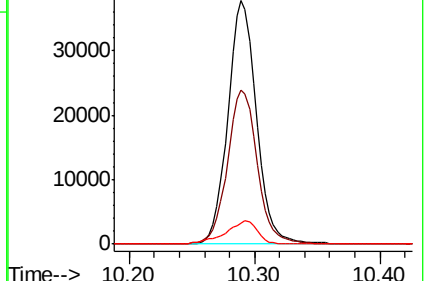
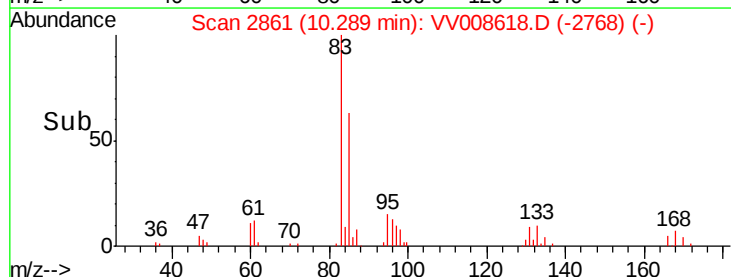
131 8.7 8.1 12.1

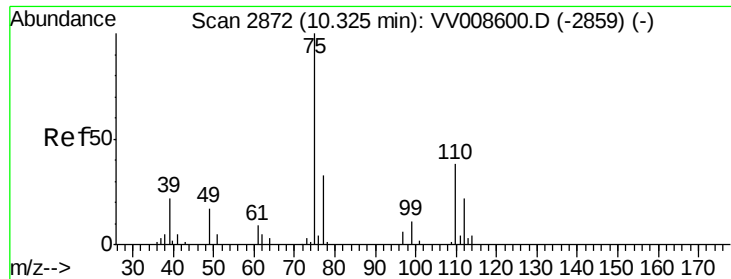


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V

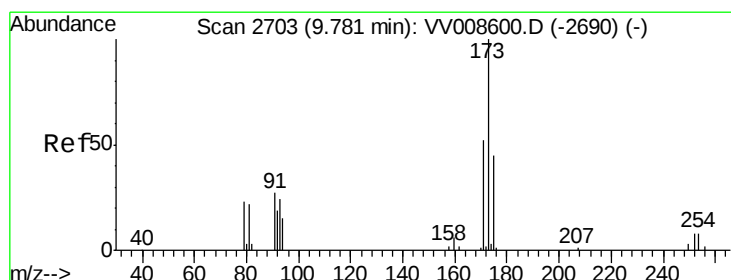
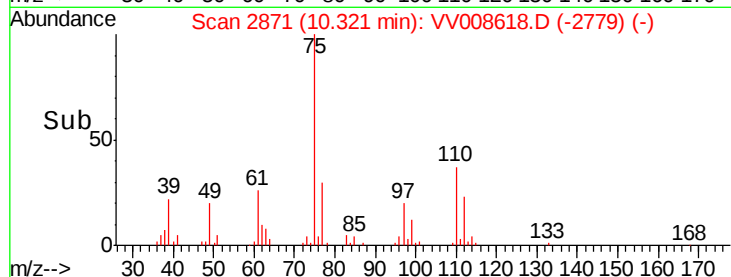
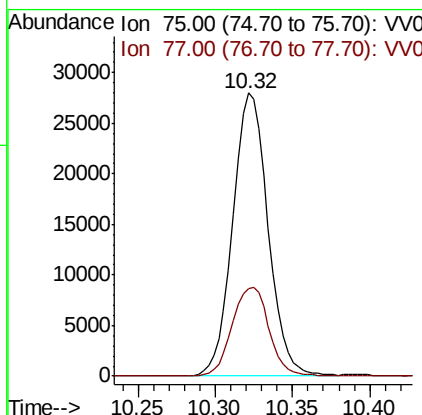
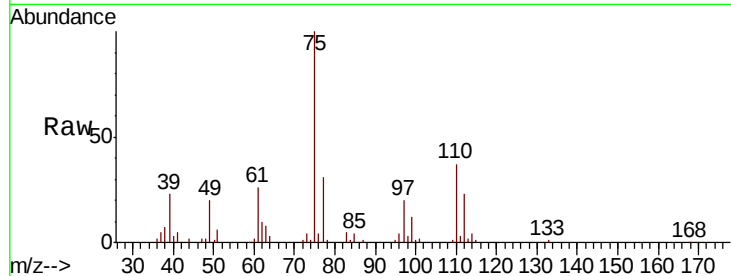




#59
 1,2,3-Trichloropropane
 Concen: 4.732 ug/L
 RT: 10.32 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

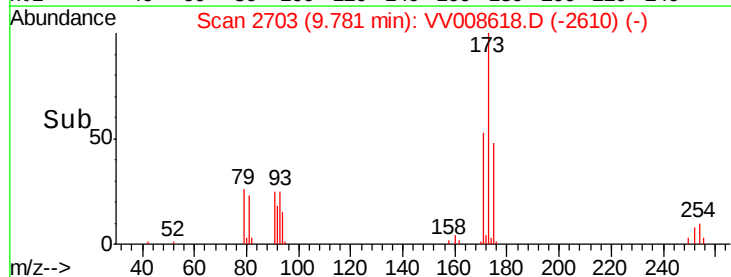
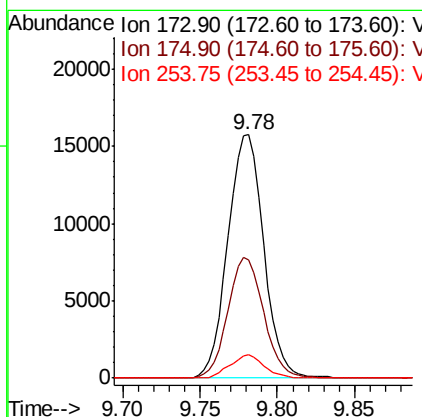
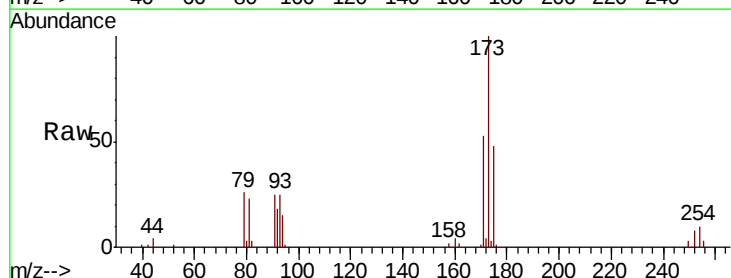
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

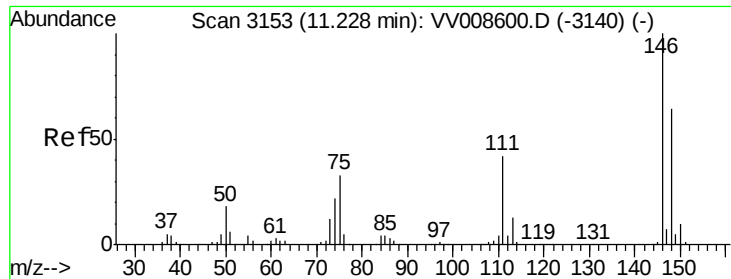
Tgt Ion: 75 Resp: 44313
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.2 37.8



#61
 Bromoform
 Concen: 4.207 ug/L
 RT: 9.78 min Scan# 2703
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Tgt Ion: 173 Resp: 25328
 Ion Ratio Lower Upper
 173 100
 175 49.3 39.6 59.4
 254 9.0 6.2 9.4





#62

1,3-Dichlorobenzene

Concen: 5.052 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD00577

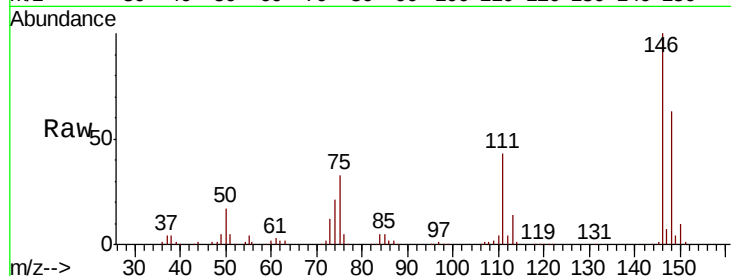
Tgt Ion:146 Resp: 154222

Ion Ratio Lower Upper

146 100

111 43.2 28.1 52.1

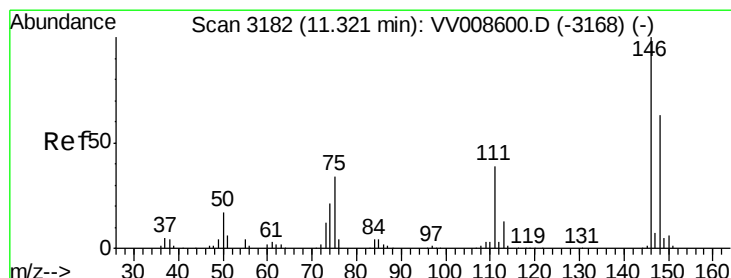
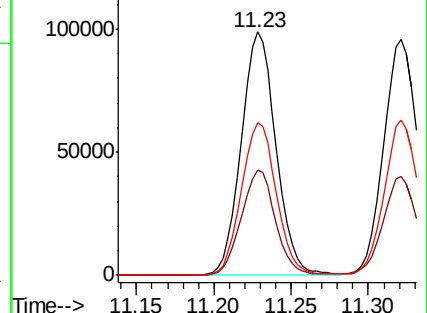
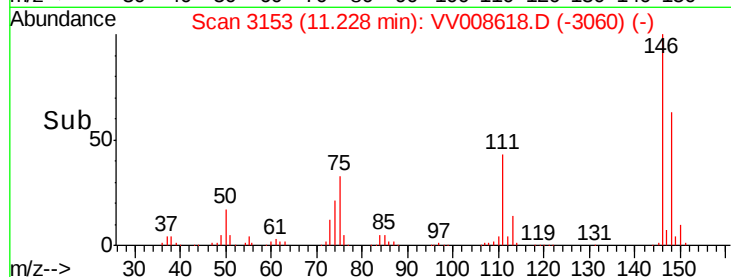
148 62.6 43.0 80.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 5.051 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

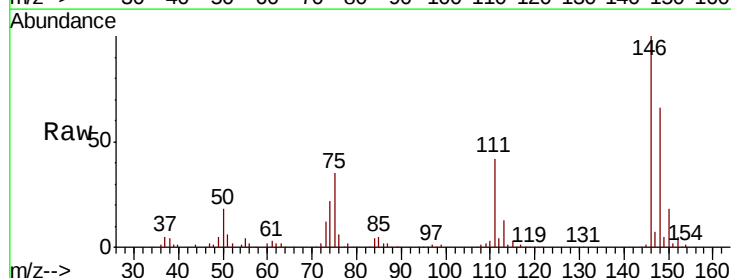
Tgt Ion:146 Resp: 151941

Ion Ratio Lower Upper

146 100

111 41.8 28.2 52.4

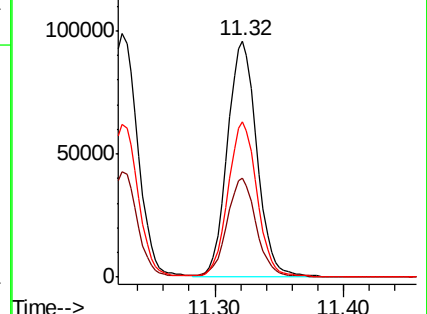
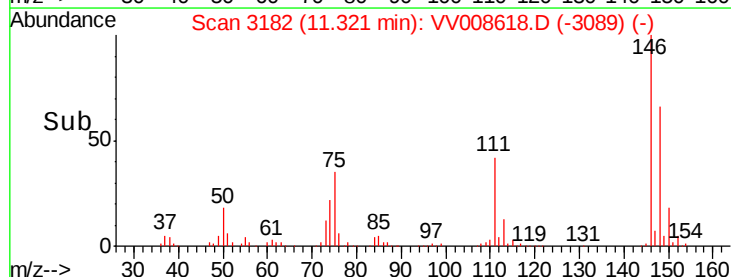
148 65.8 44.1 81.9

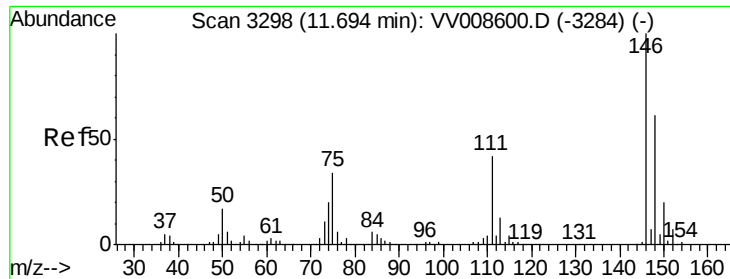


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 4.879 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD00577

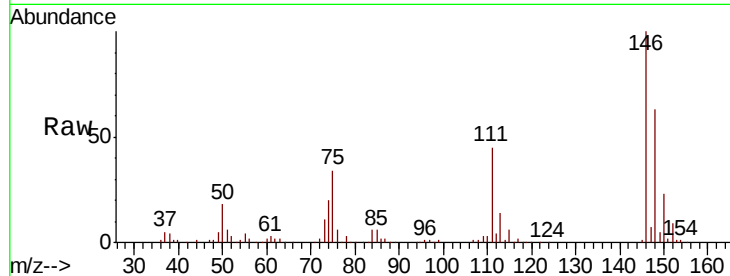
Tgt Ion:146 Resp: 141773

Ion Ratio Lower Upper

146 100

111 44.5 33.5 50.3

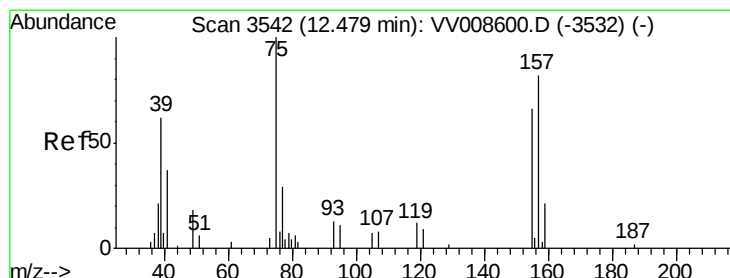
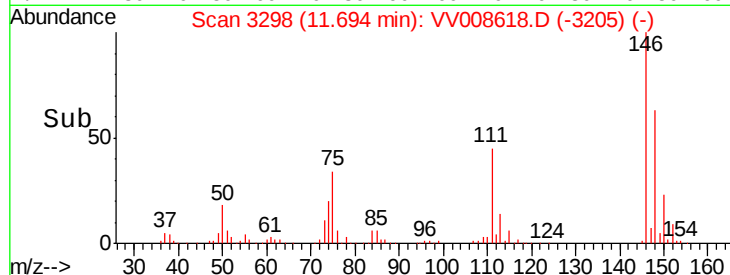
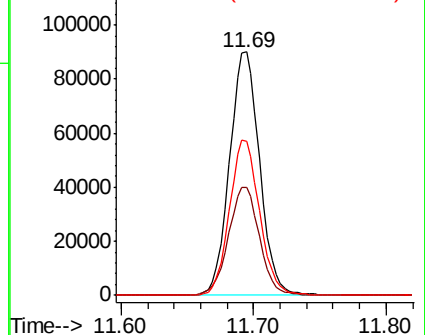
148 63.1 50.0 75.0



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 4.499 ug/L

RT: 12.48 min Scan# 3542

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

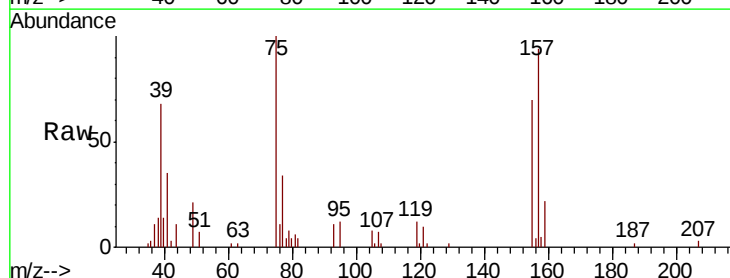
Tgt Ion: 75 Resp: 8367

Ion Ratio Lower Upper

75 100

155 70.3 54.2 81.2

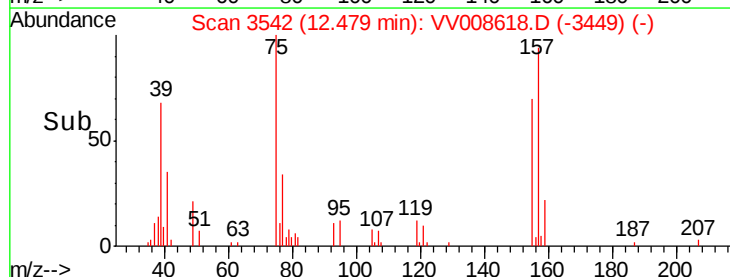
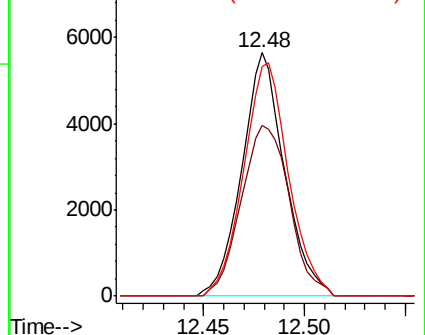
157 94.3 67.4 101.2

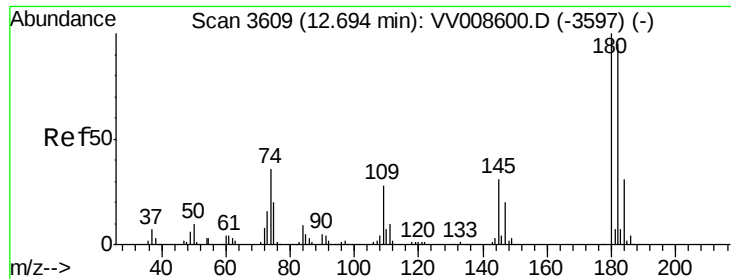


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

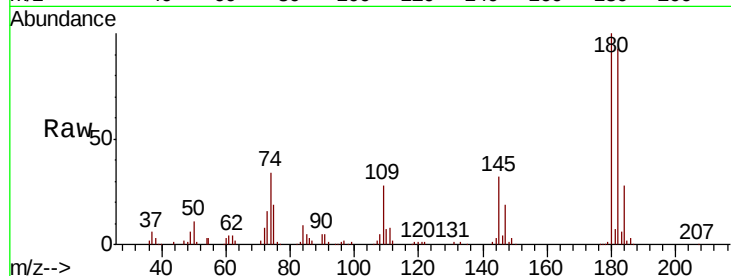




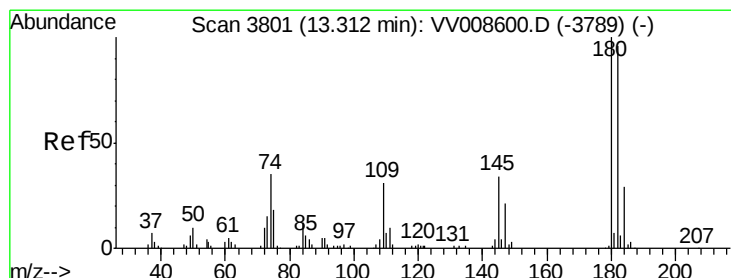
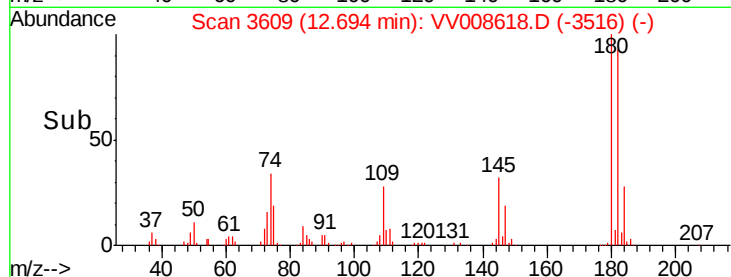
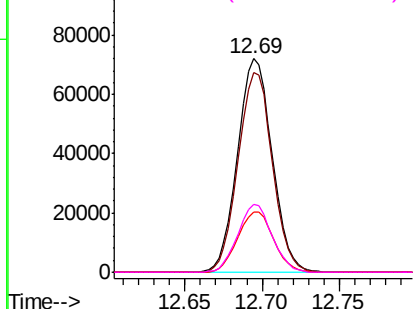
#67
 1,3,5-Trichlorobenzene
 Concen: 5.066 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00577

Tgt Ion:180 Resp: 111986
 Ion Ratio Lower Upper
 180 100
 182 92.5 75.9 113.9
 184 29.3 23.9 35.9
 145 31.5 26.8 40.2

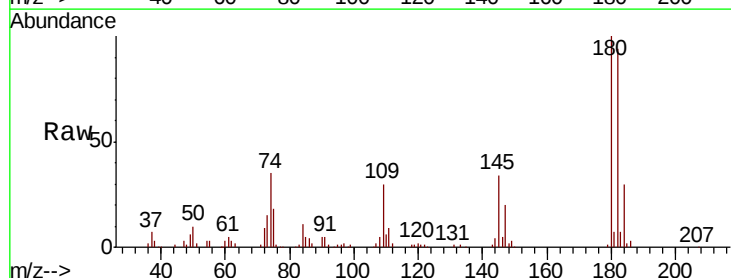


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

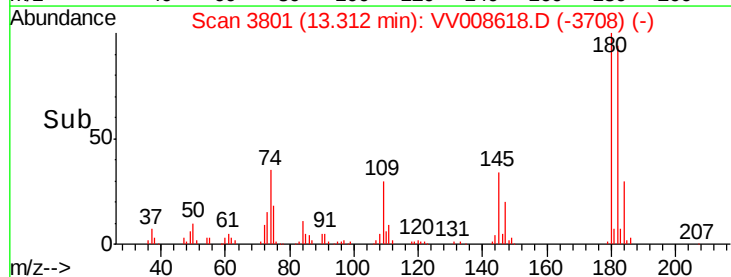
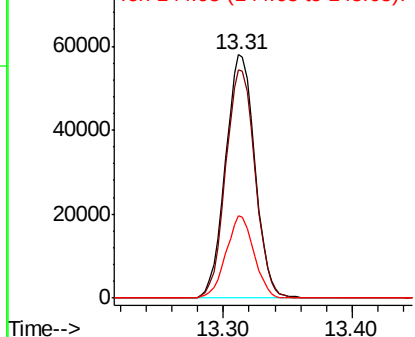


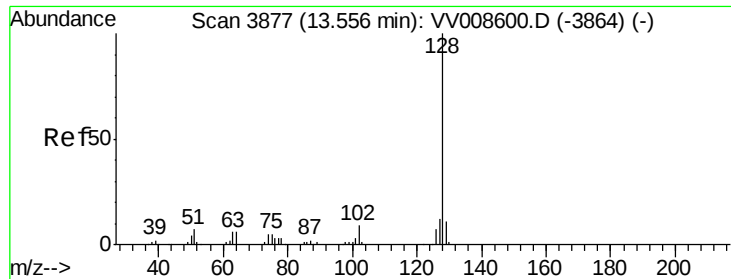
#68
 1,2,4-trichlorobenzene
 Concen: 5.154 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. 0.00 min
 Lab File: VV008618.D
 Acq: 17 Nov 2018 06:57

Tgt Ion:180 Resp: 91799
 Ion Ratio Lower Upper
 180 100
 182 93.5 76.4 114.6
 145 31.8 27.1 40.7



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: 4.809 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

Instrument :

MSVOA_V

ClientSampleId :

VSTD00577

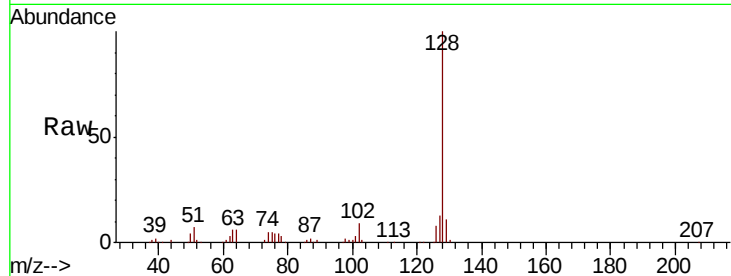
Tgt Ion:128 Resp: 139173

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

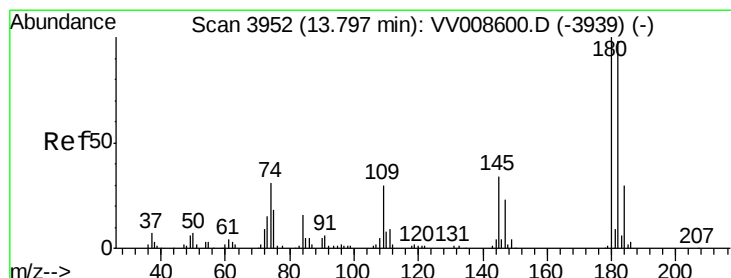
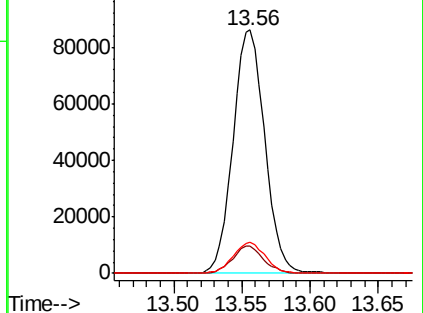
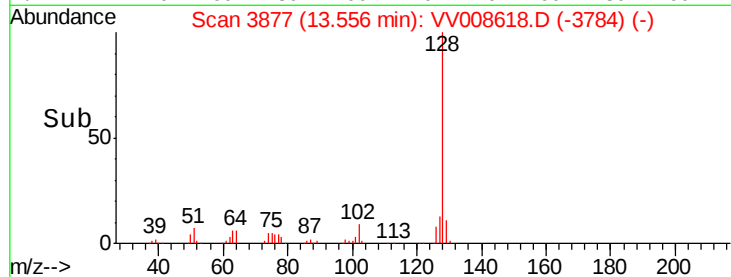
127 12.8 10.0 15.0



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: 5.161 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV008618.D

Acq: 17 Nov 2018 06:57

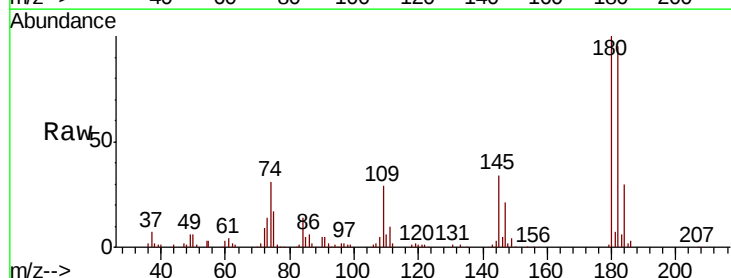
Tgt Ion:180 Resp: 84817

Ion Ratio Lower Upper

180 100

182 94.2 76.0 114.0

145 33.6 28.2 42.2



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

