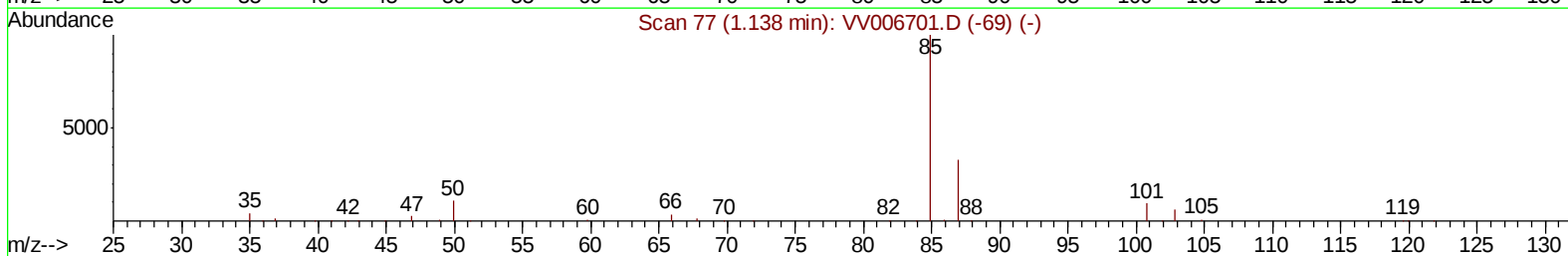
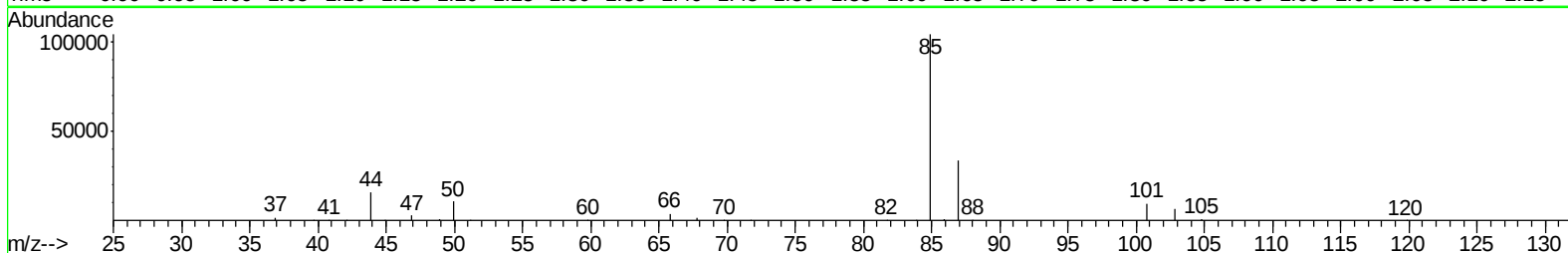
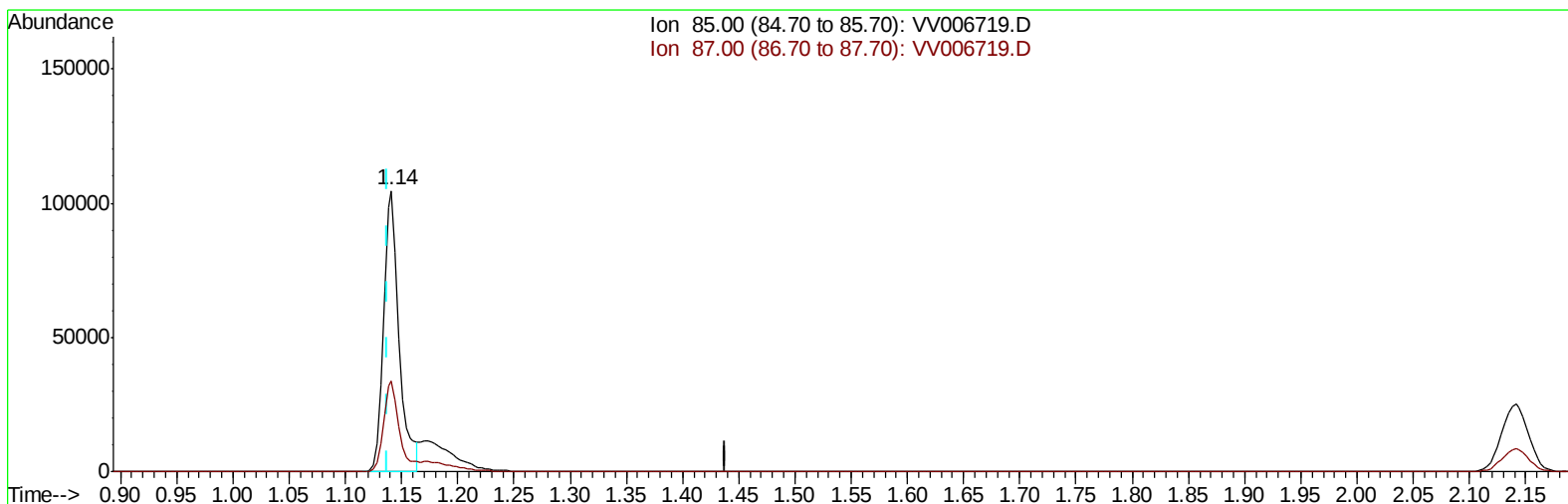


Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV072718\
Data File : VV006719.D
Acq On : 27 Jul 2018 09:47
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 27 10:06:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 27 00:52:23 2018
Response via : Initial Calibration



TIC: VV006719.D

(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 3.80ug/L

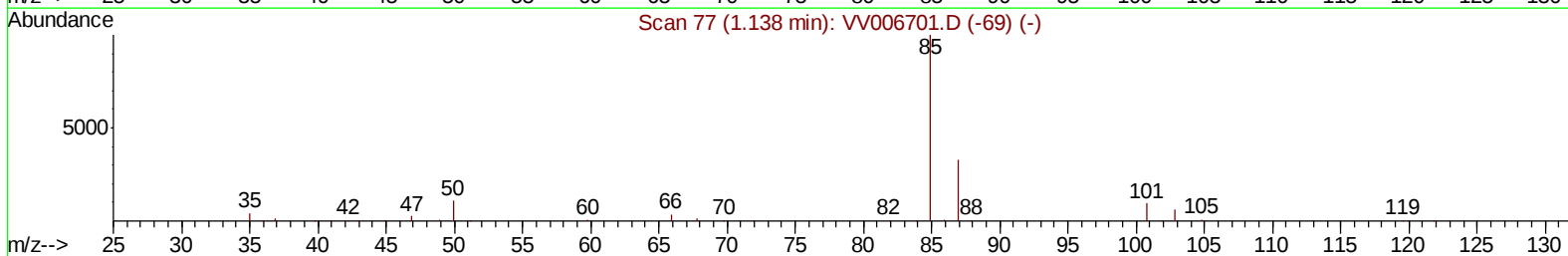
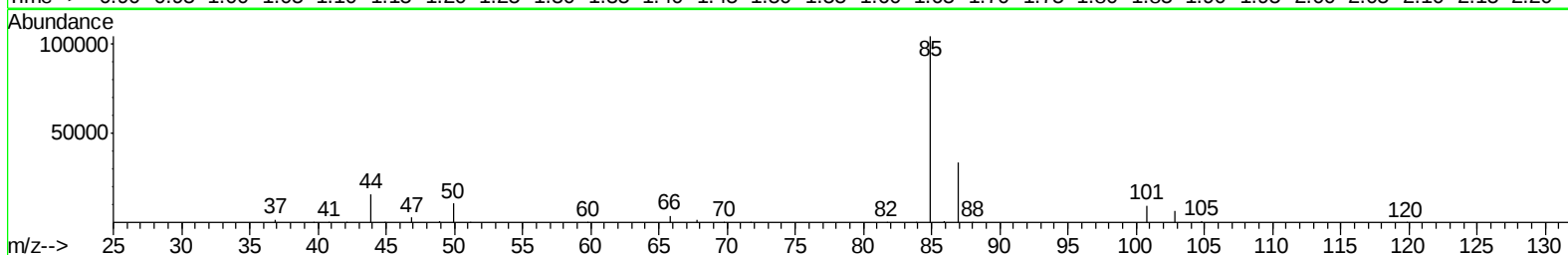
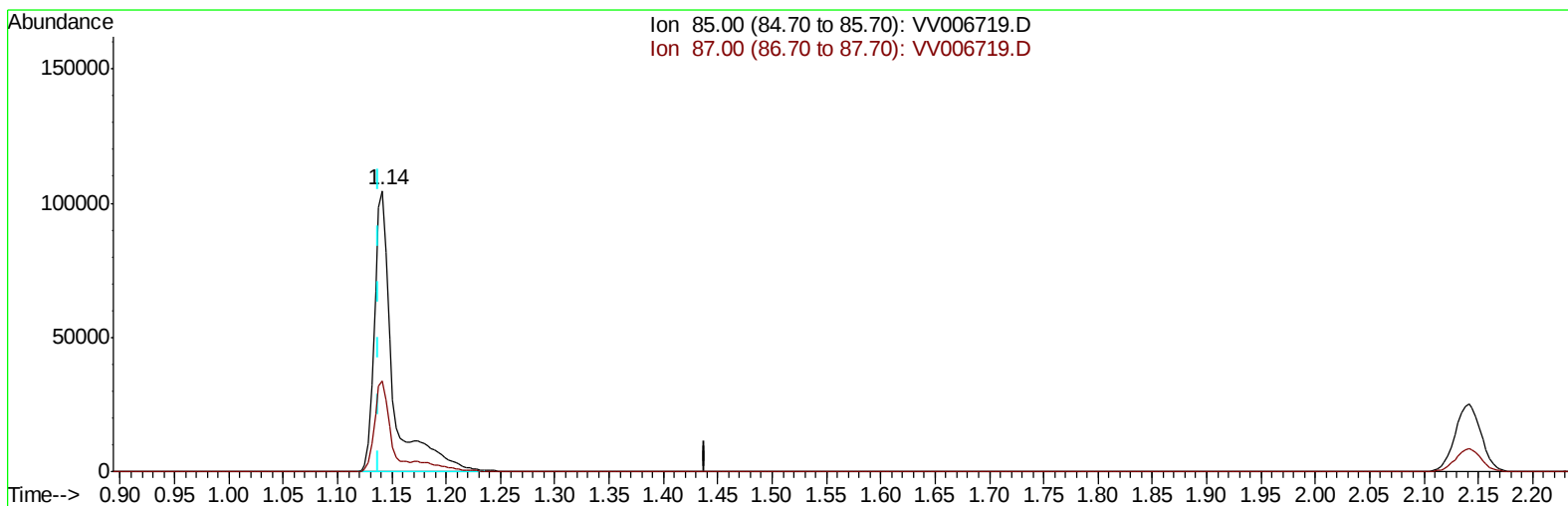
response 101131

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	33.20#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV072718\
Data File : VV006719.D
Acq On : 27 Jul 2018 09:47
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25 mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Jul 27 10:06:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 27 00:52:23 2018
Response via : Initial Calibration



TIC: VV006719.D

(2) Dichlorodifluoromethane (T)

1.141min (+0.003) 4.69ug/L m

response 124718

Ion	Exp%	Act%
85.00	100	100
87.00	24.90	26.92
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072718\
 Data File : VV006719.D
 Acq On : 27 Jul 2018 09:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 02:21:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 27 15:15:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	295789	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	275643	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	131676	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85776	5.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.40%
7) Chloroethane-d5	1.58	69	63859	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.13	63	161460	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.00%
20) 2-Butanone-d5	3.97	46	204702	42.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.12%
24) Chloroform-d	4.40	84	148027	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	70785	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.10	84	307551	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	96804	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	282358	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.00%
43) trans-1,3-Dichloropropene-	7.67	79	33922	5.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.60%
46) 2-Hexanone-d5	8.14	63	177466	44.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.76%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	71964	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	99889	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	101131	3.800	ug/L	# 83
3) Chloromethane	1.26	50	116050	5.135	ug/L	98
5) Vinyl chloride	1.32	62	134977	4.768	ug/L	98
6) Bromomethane	1.54	94	39314	5.675	ug/L	99
8) Chloroethane	1.60	64	76027	4.908	ug/L	100
9) Trichlorofluoromethane	1.77	101	160677	4.948	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	99324	5.020	ug/L	99
12) 1,1-Dichloroethene	2.14	96	91901	4.743	ug/L	88
13) Acetone	2.22	43	152396	49.797	ug/L	99
14) Carbon disulfide	2.32	76	293702	4.507	ug/L	99
15) Methyl Acetate	2.47	43	42610	4.697	ug/L	96
16) Methylene chloride	2.54	84	100557	4.527	ug/L	99
17) Methyl tert-butyl Ether	2.81	73	228706	4.811	ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	101694	4.832	ug/L	99
19) 1,1-Dichloroethane	3.23	63	189348	4.891	ug/L	98
21) 2-Butanone	4.06	43	248745	48.526	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	103752	4.728	ug/L	97

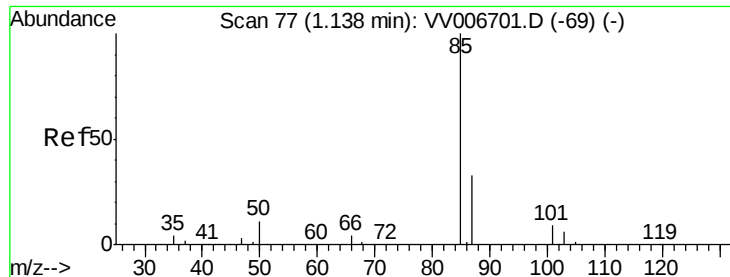
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072718\
 Data File : VV006719.D
 Acq On : 27 Jul 2018 09:47
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 02:21:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 27 15:15:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	43805	4.851	ug/L	95
25) Chloroform	4.43	83	177089	4.874	ug/L	99
27) 1,2-Dichloroethane	5.19	62	103270	4.845	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	146233	4.931	ug/L	99
30) Cyclohexane	4.72	56	161247	4.856	ug/L	100
31) Carbon tetrachloride	4.88	117	125694	4.959	ug/L	99
33) Benzene	5.15	78	410104	4.949	ug/L	100
34) Trichloroethene	5.96	95	103185	4.933	ug/L	98
35) Methylcyclohexane	6.18	83	174616	4.997	ug/L	99
37) 1,2-Dichloropropane	6.23	63	104650	4.919	ug/L	100
38) Bromodichloromethane	6.56	83	116783	4.915	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	138341	4.992	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	585337	50.056	ug/L	100
42) Toluene	7.43	91	426730	5.001	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	110080	5.052	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	70019	4.887	ug/L	98
47) Tetrachloroethene	8.02	164	83610	5.032	ug/L	98
48) 2-Hexanone	8.19	43	415416	50.912	ug/L	100
49) Dibromochloromethane	8.30	129	75961	5.010	ug/L	99
50) 1,2-Dibromoethane	8.40	107	62682	4.895	ug/L	99
51) Chlorobenzene	8.93	112	272813	4.915	ug/L	99
52) Ethylbenzene	9.06	91	455698	5.010	ug/L	99
53) m,p-xylene	9.19	106	176433	5.138	ug/L	99
54) o-xylene	9.59	106	170459	5.096	ug/L	100
55) Styrene	9.61	104	291832	5.172	ug/L	98
56) Isopropylbenzene	9.98	105	444711	5.119	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	81977	4.678	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	60468	4.830	ug/L	99
61) Bromoform	9.78	173	38660	4.831	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	197604	4.855	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	203643	4.909	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	193838	4.889	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	11251	4.741	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	156052	5.021	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	122096	4.946	ug/L	100
69) Naphthalene	13.56	128	202867	4.802	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	116719	4.996	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 3.800 ug/L

RT: 1.14 min Scan# 78

Delta R.T. 0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

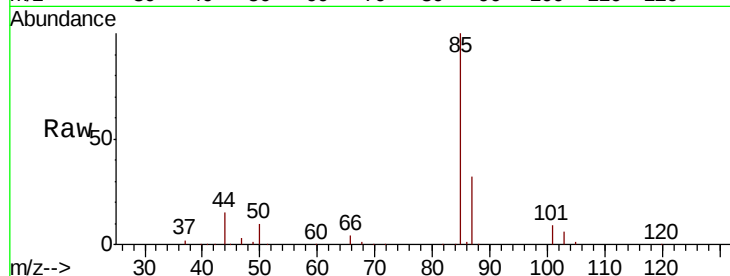
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 85 Resp: 101131

Ion Ratio Lower Upper

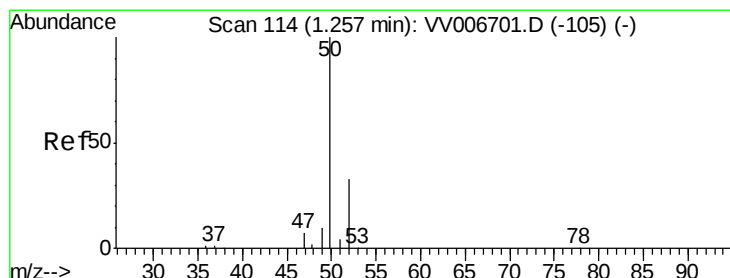
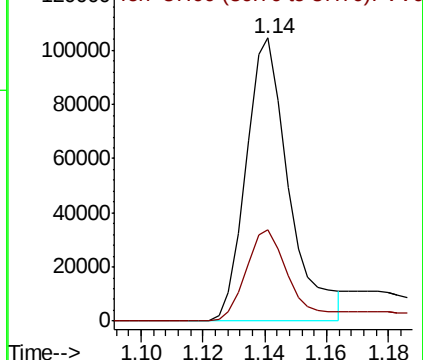
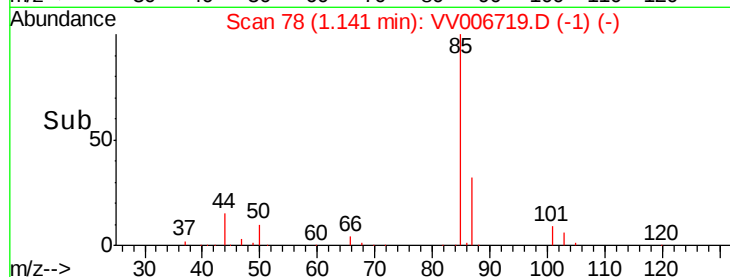
85 100

87 33.2 19.9 29.9#



Abundance Ion 85.00 (84.70 to 85.70): VV006719.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VV006719.D (-1) (-)



#3

Chloromethane

Concen: 5.135 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV006719.D

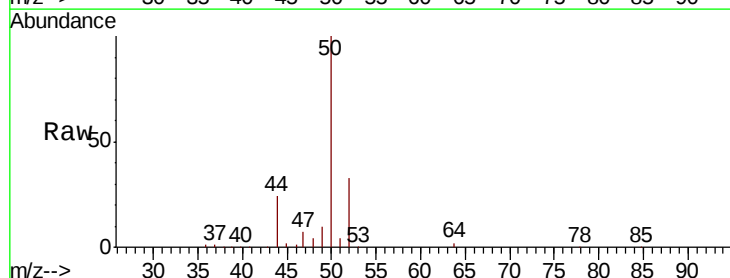
Acq: 27 Jul 2018 09:47

Tgt Ion: 50 Resp: 116050

Ion Ratio Lower Upper

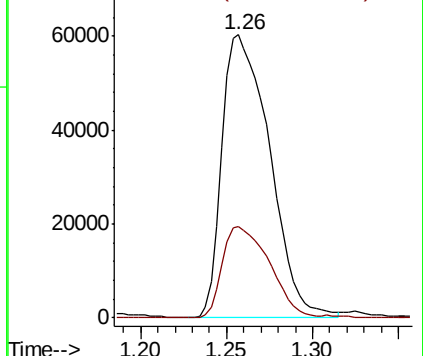
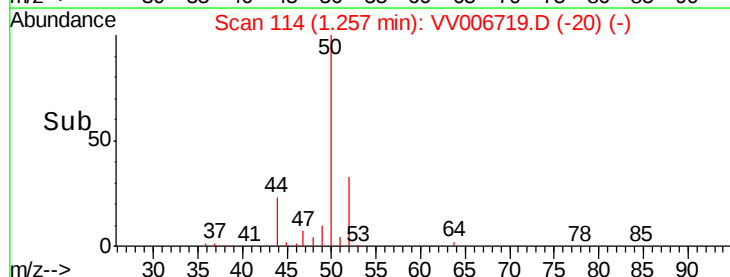
50 100

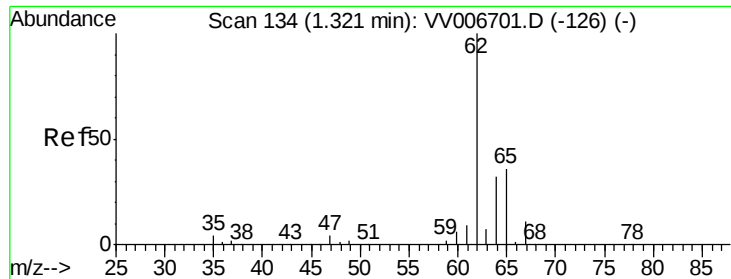
52 32.5 22.1 41.1



Abundance Ion 50.05 (49.75 to 50.75): VV006719.D (-20) (-)

Ion 52.05 (51.75 to 52.75): VV006719.D (-20) (-)





#5

Vinyl chloride

Concen: 4.768 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

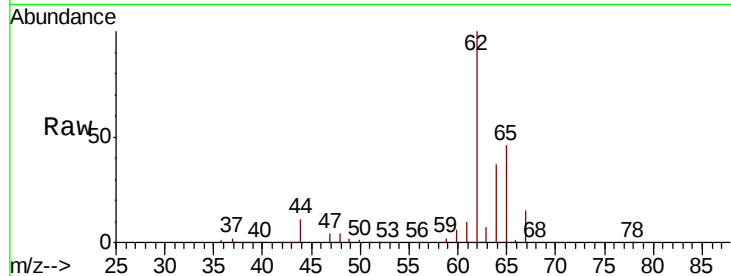
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 134977

Ion Ratio Lower Upper

62 100

64 36.8 26.5 49.3



Abundance Ion 62.00 (61.70 to 62.70): VV006719.D (-126) (-)

Ion 64.10 (63.80 to 64.80): VV006719.D (-126) (-)

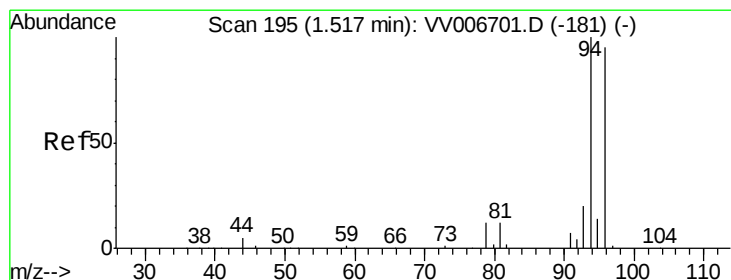
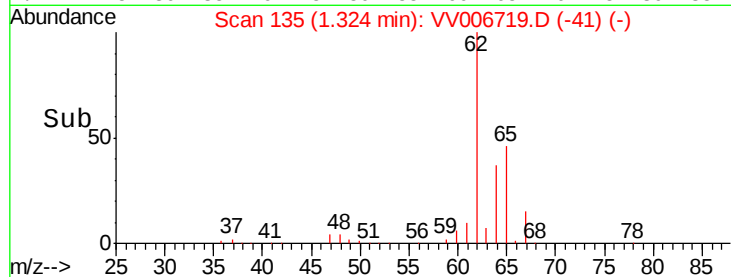
1.32

100000

50000

0

Time-->



#6

Bromomethane

Concen: 5.675 ug/L

RT: 1.54 min Scan# 202

Delta R.T. 0.00 min

Lab File: VV006719.D

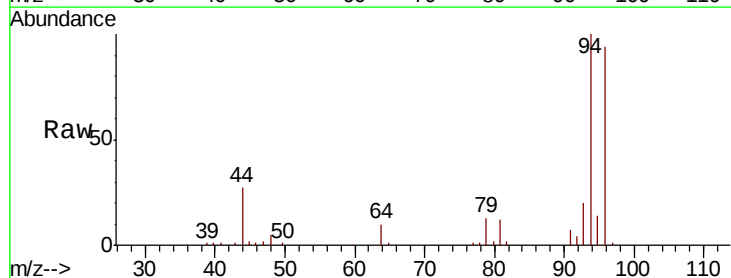
Acq: 27 Jul 2018 09:47

Tgt Ion: 94 Resp: 39314

Ion Ratio Lower Upper

94 100

96 93.6 66.4 123.4



Abundance Ion 94.00 (93.70 to 94.70): VV006719.D (-181) (-)

Ion 96.00 (95.70 to 96.70): VV006719.D (-181) (-)

1.54

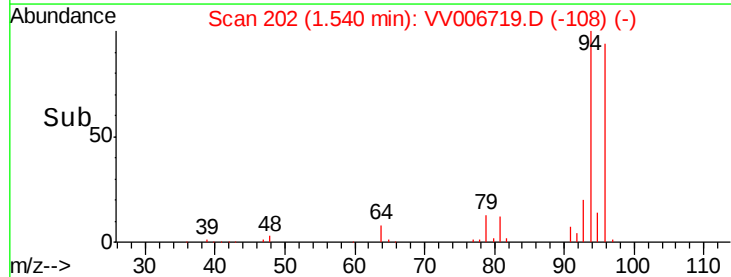
30000

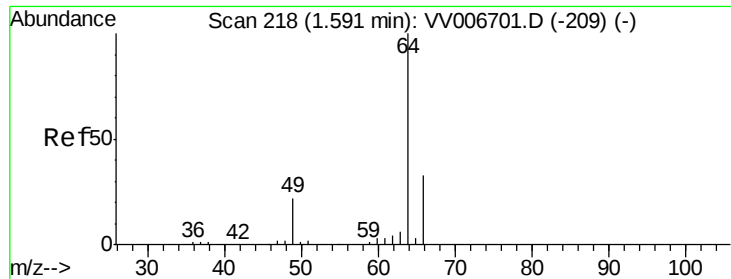
20000

10000

0

Time-->





#8

Chloroethane

Concen: 4.908 ug/L

RT: 1.60 min Scan# 222

Delta R.T. 0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

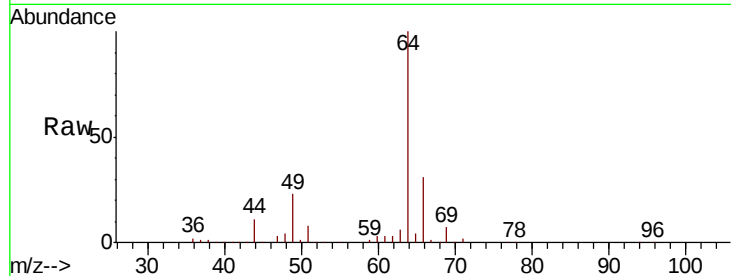
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 76027

Ion Ratio Lower Upper

64 100

66 30.9 21.8 40.4



Abundance Ion 64.10 (63.80 to 64.80): VV006719.D (-209) (-)

Ion 66.05 (65.75 to 66.75): VV006719.D (-209) (-)

80000

60000

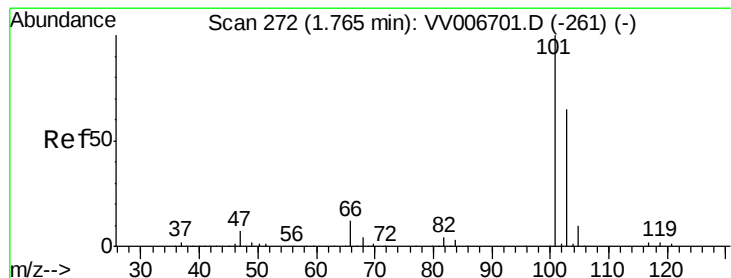
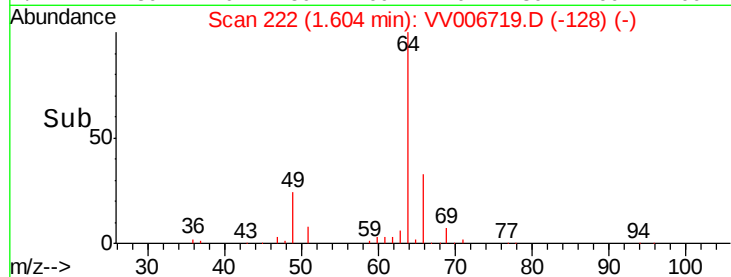
40000

20000

0

1.55 1.60 1.65 1.70

Time-->



#9

Trichlorofluoromethane

Concen: 4.948 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

Lab File: VV006719.D

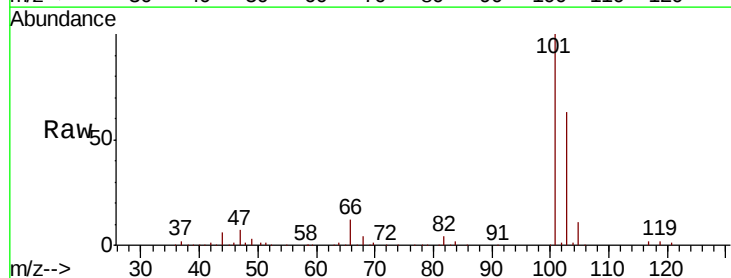
Acq: 27 Jul 2018 09:47

Tgt Ion:101 Resp: 160677

Ion Ratio Lower Upper

101 100

103 63.8 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV006719.D (-180) (-)

Ion 103.00 (102.70 to 103.70): VV006719.D (-180) (-)

150000

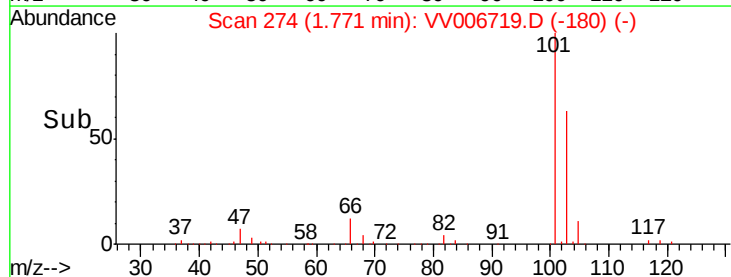
100000

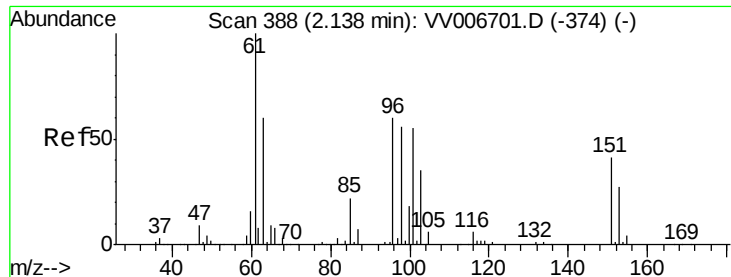
50000

0

1.70 1.75 1.80 1.85 1.90

Time-->





#10

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

Concen: 5.020 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

Instrument :

MSVOA_V

ClientSampleId :

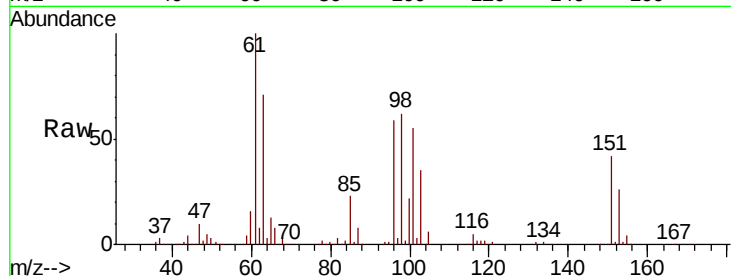
Tot Ion:101 Resp: 99324

Ion Ratio Lower Upper

101 100

85 42.0 33.1 49.7

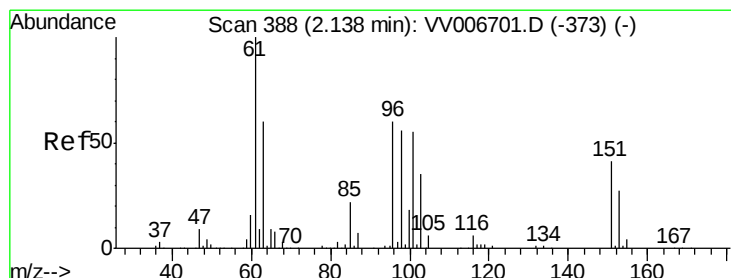
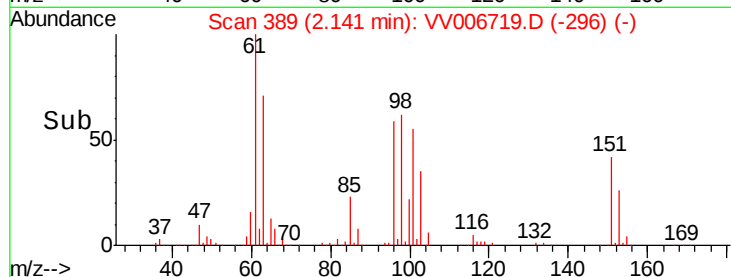
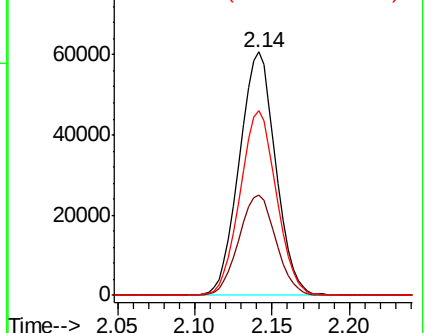
151 75.9 59.7 89.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 4.743 ug/L

RT: 2.14 min Scan# 389

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

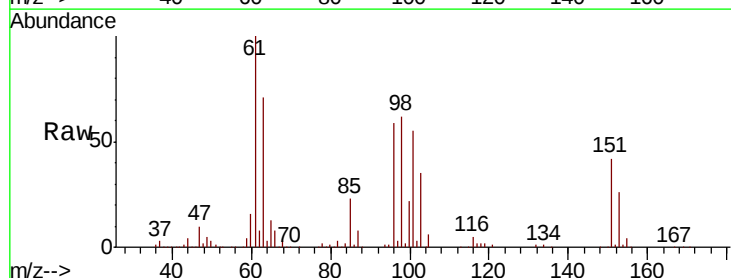
Tgt Ion: 96 Resp: 91901

Ion Ratio Lower Upper

96 100

61 170.0 113.5 210.9

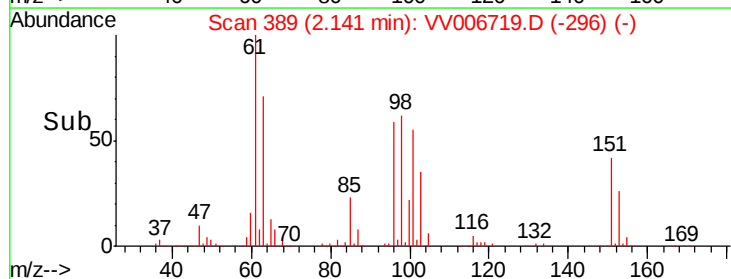
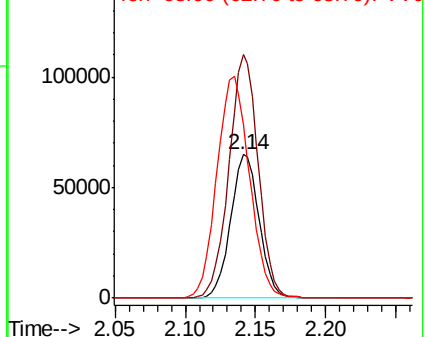
63 121.2 69.5 129.1

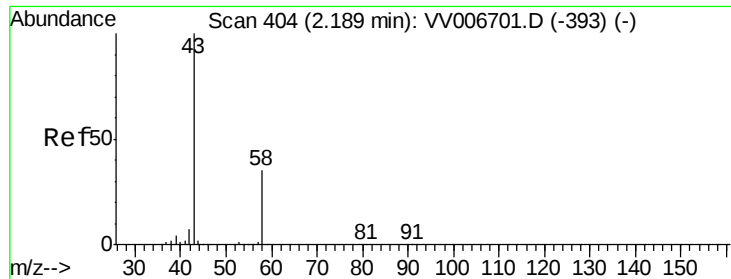


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

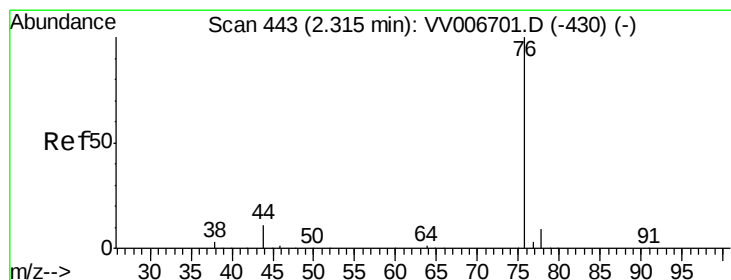
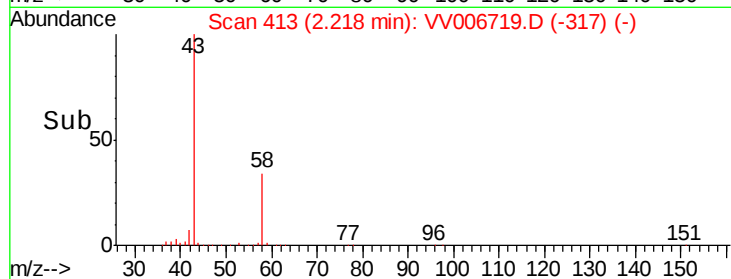
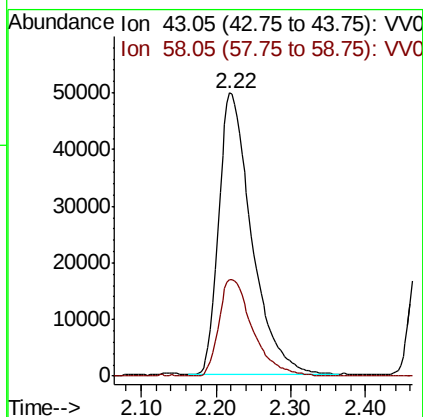
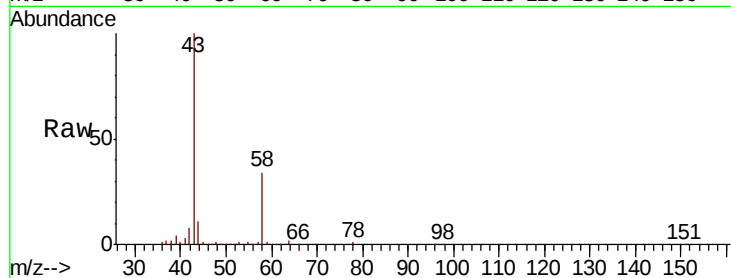




#13
Acetone
Concen: 49.797 ug/L
RT: 2.22 min Scan# 413
Delta R.T. 0.01 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

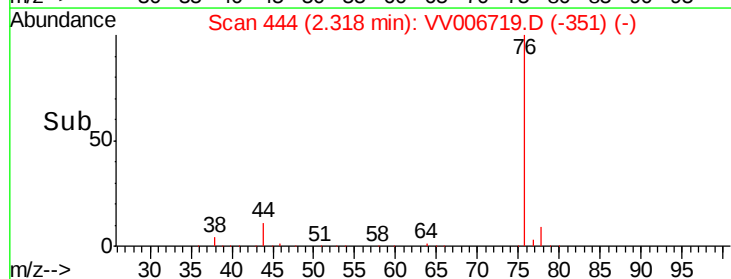
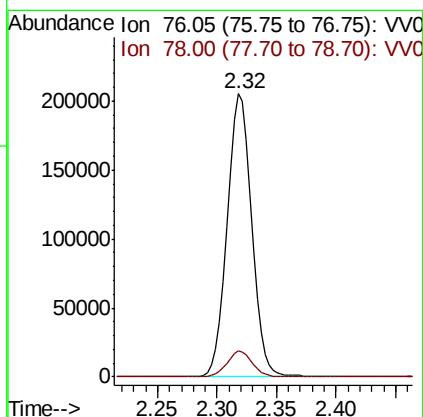
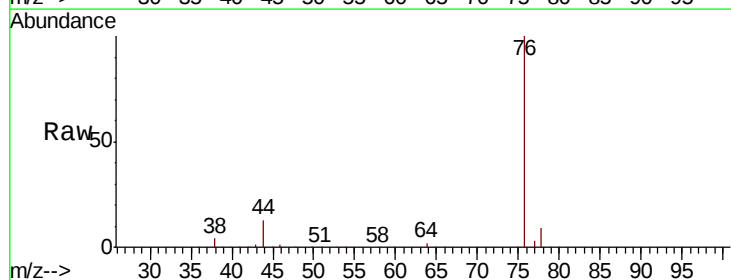
Instrument :
MSVOA_V
ClientSampled :

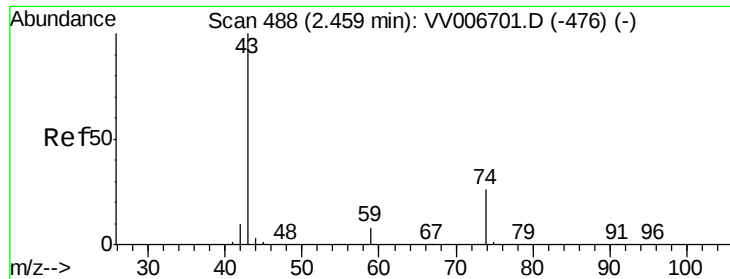
Tot Ion: 43 Resp: 152396
Ion Ratio Lower Upper
43 100
58 35.3 0.0 71.4



#14
Carbon disulfide
Concen: 4.507 ug/L
RT: 2.32 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

Tgt Ion: 76 Resp: 293702
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2





#15

Methvl Acetate

Concen: 4.697 ug/L

RT: 2.47 min Scan# 492

Delta R.T. 0.01 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

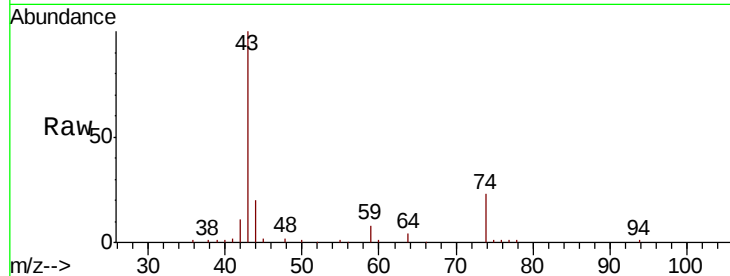
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 42610

Ion Ratio Lower Upper

43 100

74 23.9 20.6 31.0



Abundance Ion 43.05 (42.75 to 43.75): VV006719.D (-492) (-)

Ion 74.05 (73.75 to 74.75): VV006719.D (-492) (-)

2.47

25000

20000

15000

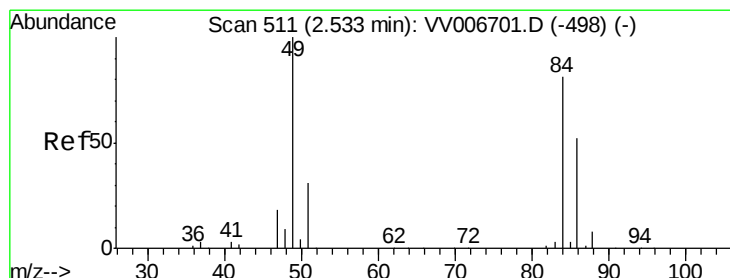
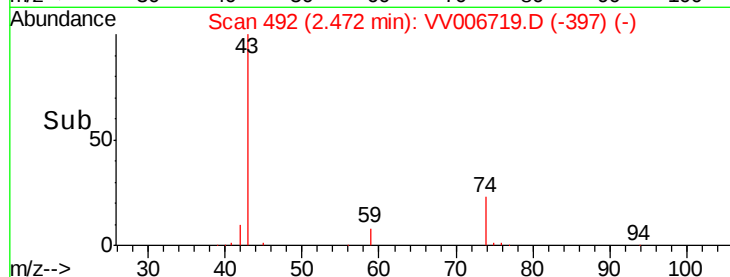
10000

5000

0

Time-->

2.40 2.45 2.50 2.55



#16

Methylene chloride

Concen: 4.527 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

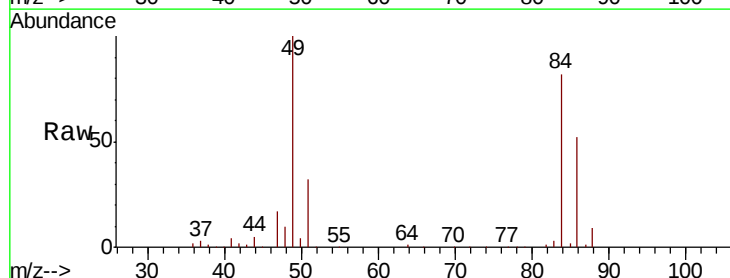
Tgt Ion: 84 Resp: 100557

Ion Ratio Lower Upper

84 100

86 63.5 44.7 83.1

49 122.2 86.7 160.9



Abundance Ion 84.05 (83.75 to 84.75): VV006719.D (-513) (-)

Ion 86.00 (85.70 to 86.70): VV006719.D (-513) (-)

Ion 49.10 (48.80 to 49.80): VV006719.D (-513) (-)

2.54

100000

80000

60000

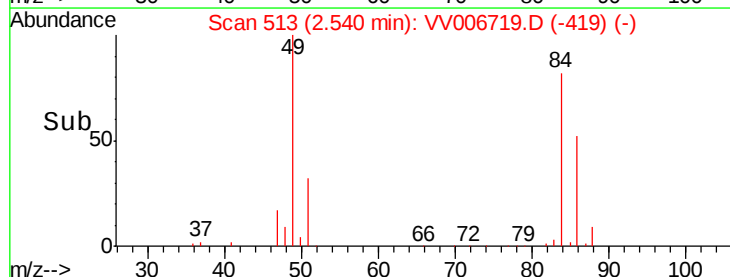
40000

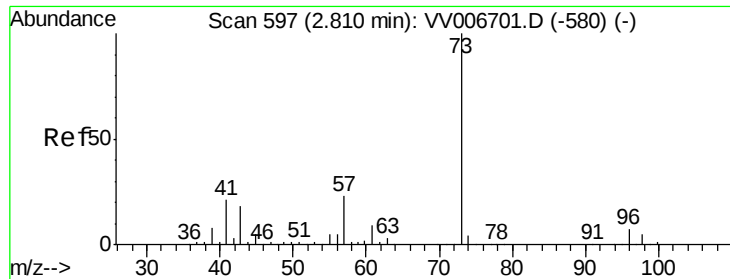
20000

0

Time-->

2.45 2.50 2.55 2.60 2.65

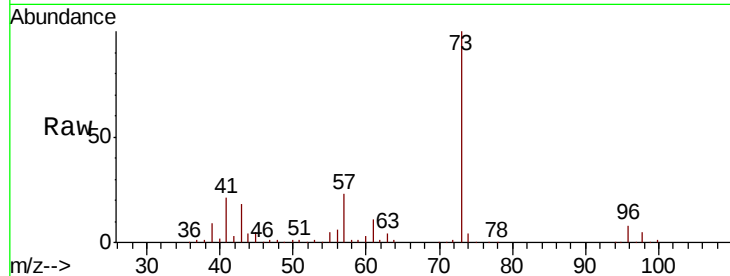




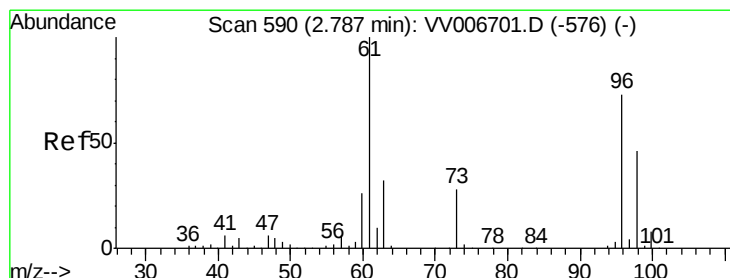
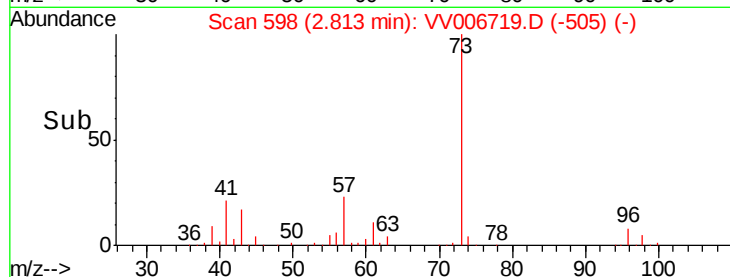
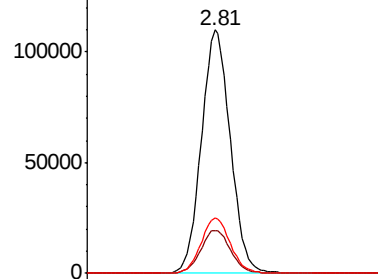
#17
Methvl tert-butvl Ether
Concen: 4.811 ug/L
RT: 2.81 min Scan# 598
Delta R.T. -0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 228706
Ion Ratio Lower Upper
73 100
43 17.9 14.2 21.4
57 23.0 18.2 27.2

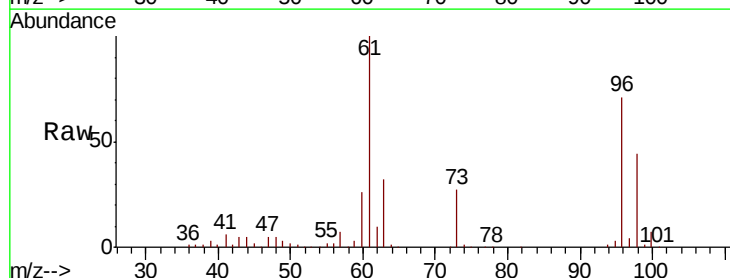


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

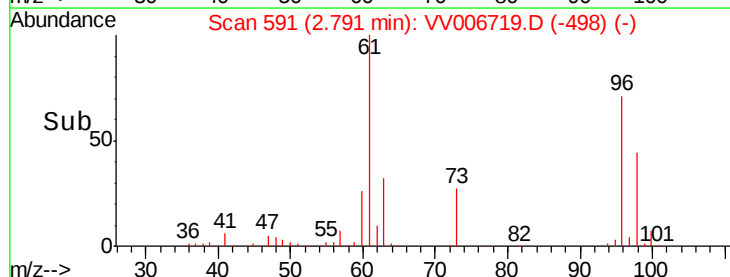
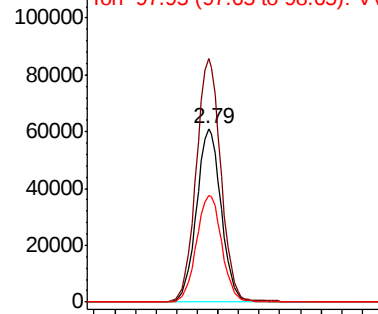


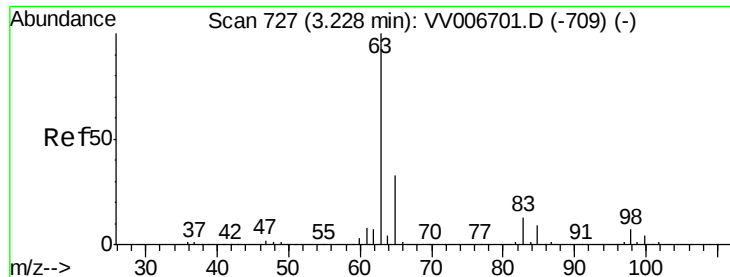
#18
trans-1,2-Dichloroethene
Concen: 4.832 ug/L
RT: 2.79 min Scan# 591
Delta R.T. -0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

Tgt Ion: 96 Resp: 101694
Ion Ratio Lower Upper
96 100
61 140.5 98.5 182.9
98 61.7 45.4 84.4



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

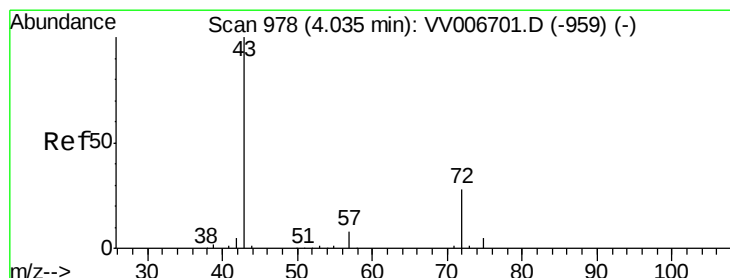
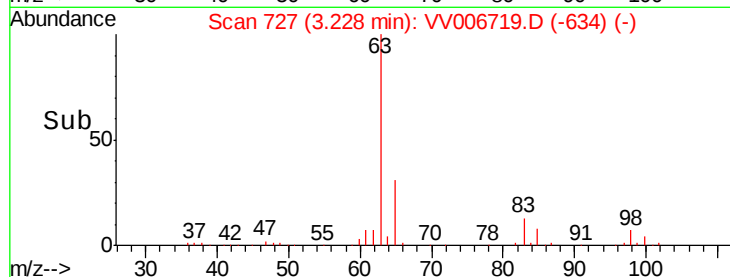
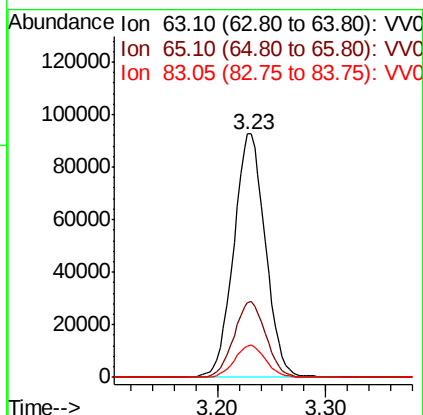
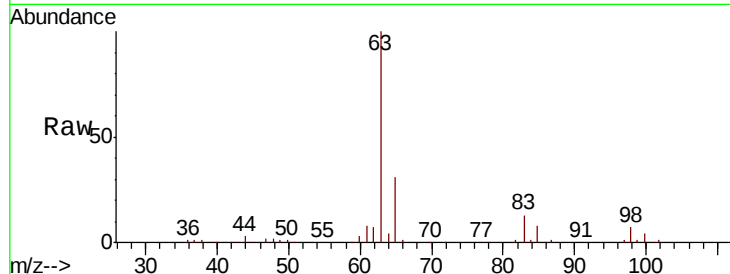




#19
 1,1-Dichloroethane
 Concen: 4.891 ug/L
 RT: 3.23 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

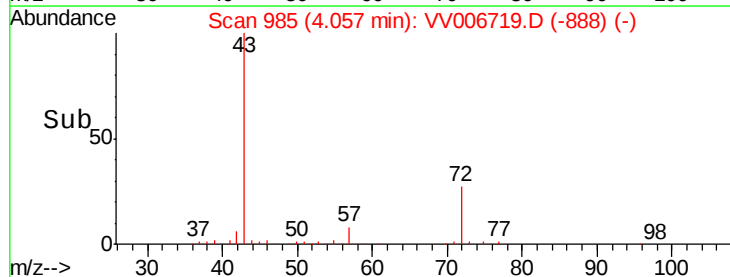
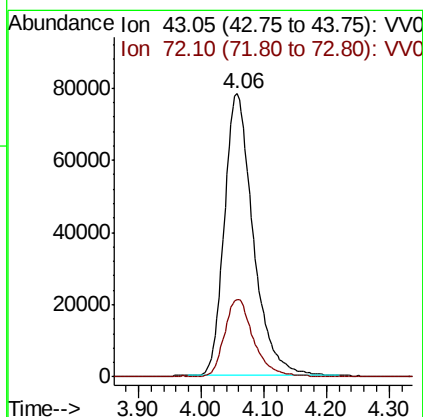
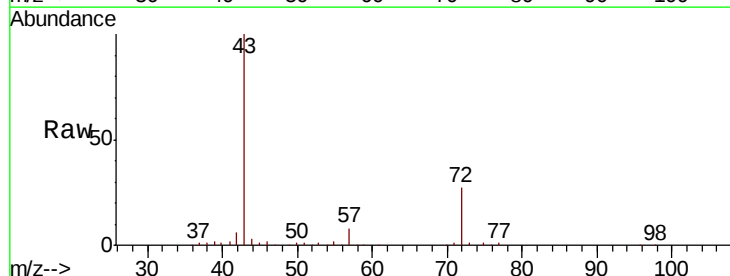
Instrument :
 MSVOA_V
 ClientSampleId :

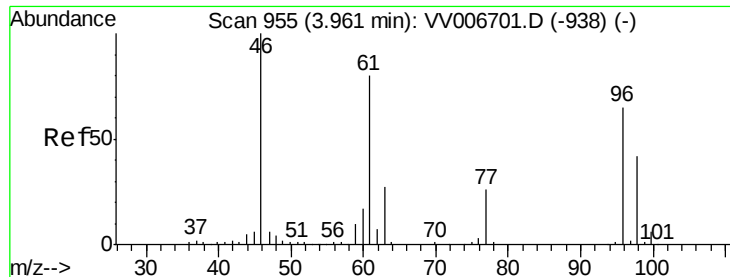
Tot Ion: 63 Resp: 189348
 Ion Ratio Lower Upper
 63 100
 65 30.9 22.4 41.6
 83 13.0 9.0 16.8



#21
 2-Butanone
 Concen: 48.526 ug/L
 RT: 4.06 min Scan# 985
 Delta R.T. 0.01 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Tgt Ion: 43 Resp: 248745
 Ion Ratio Lower Upper
 43 100
 72 27.9 13.8 41.4



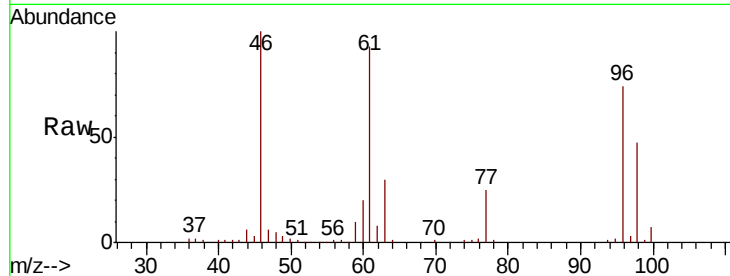


#22

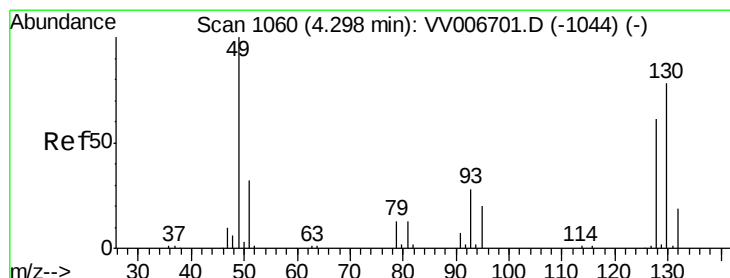
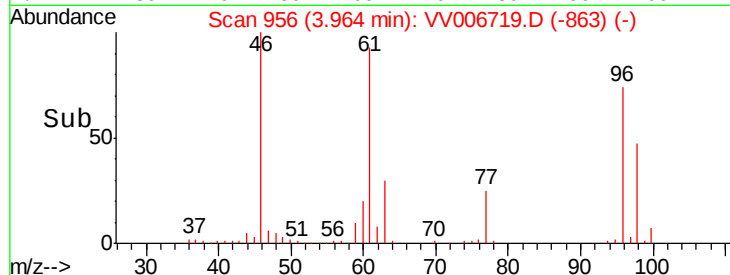
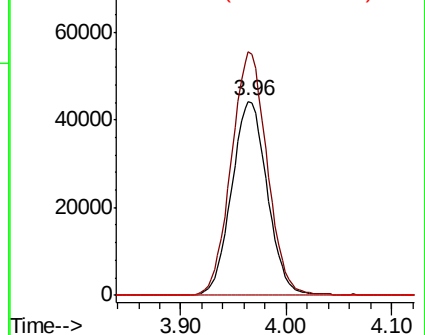
cis-1,2-Dichloroethene
Concen: 4.728 ug/L
RT: 3.96 min Scan# 956
Delta R.T. -0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 103752
Ion Ratio Lower Upper
96 100
61 125.7 85.5 158.9
68 0.0 0.0 0.0



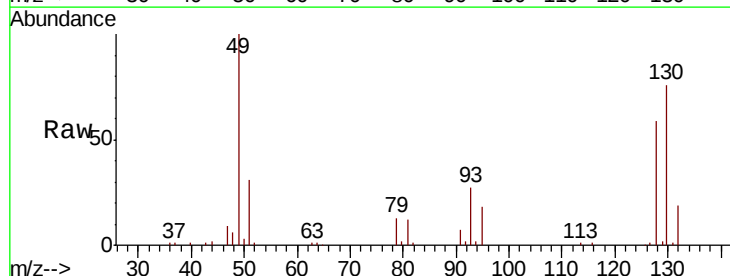
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



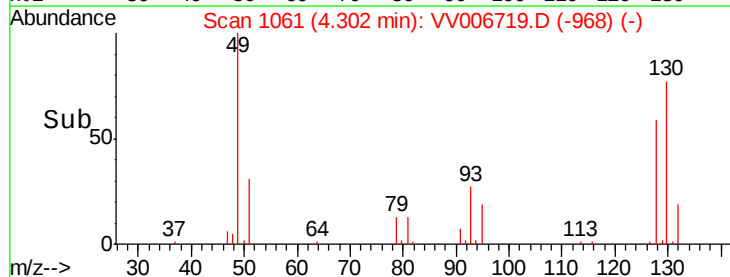
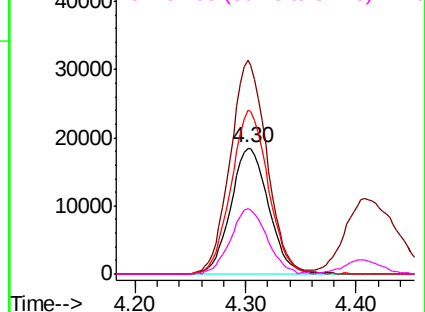
#23

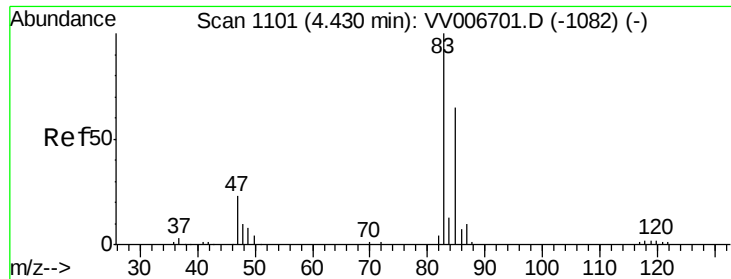
Bromochloromethane
Concen: 4.851 ug/L
RT: 4.30 min Scan# 1061
Delta R.T. -0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

Tgt Ion:128 Resp: 43805
Ion Ratio Lower Upper
128 100
49 170.0 112.6 209.0
130 129.9 87.1 161.7
51 52.1 40.9 61.3



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

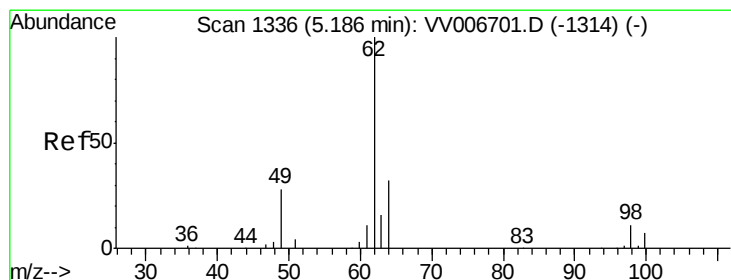
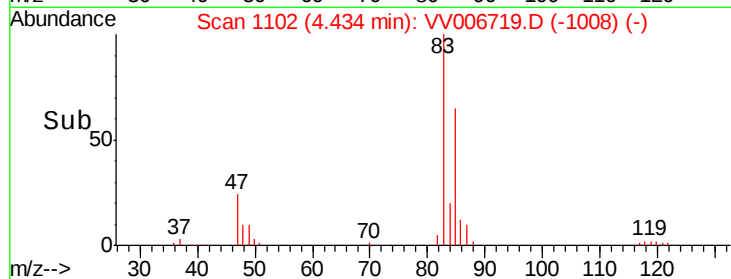
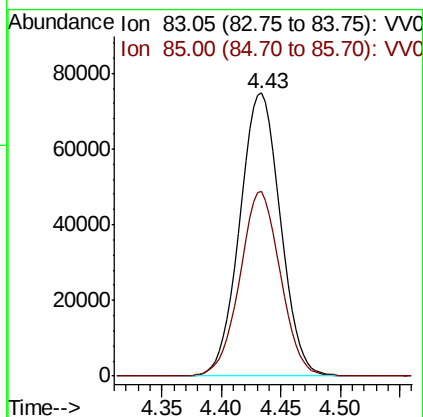
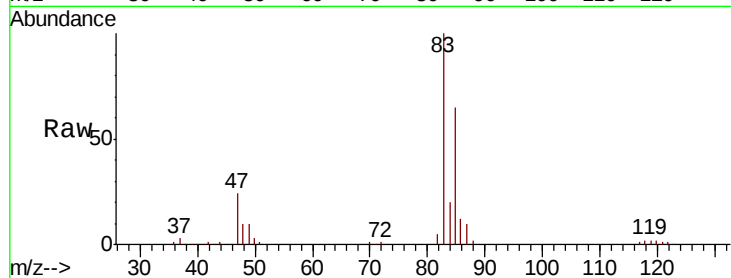




#25
Chloroform
Concen: 4.874 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

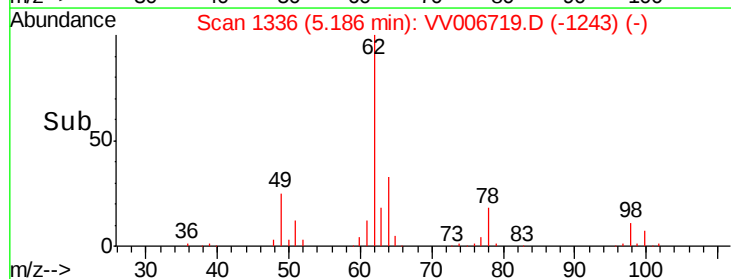
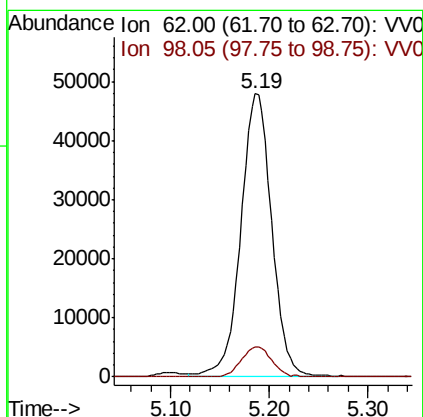
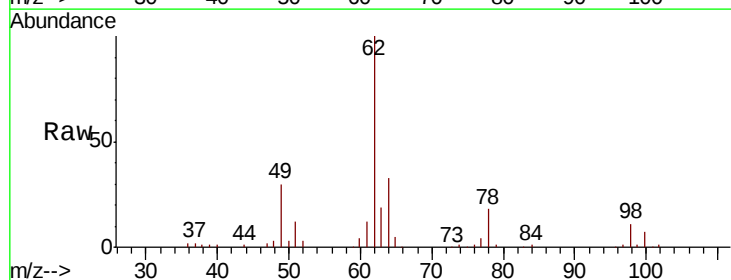
Instrument :
MSVOA_V
ClientSampleId :

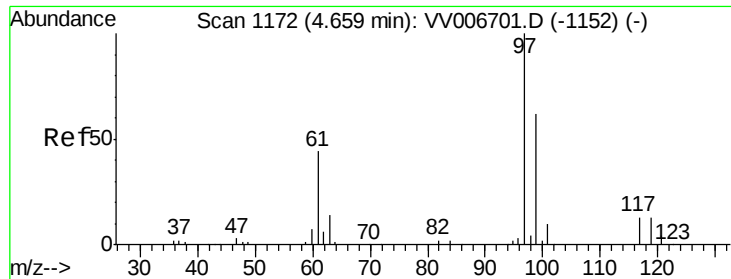
Tot Ion: 83 Resp: 177089
Ion Ratio Lower Upper
83 100
85 65.1 46.1 85.5



#27
1,2-Dichloroethane
Concen: 4.845 ug/L
RT: 5.19 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

Tgt Ion: 62 Resp: 103270
Ion Ratio Lower Upper
62 100
98 10.6 8.4 12.6



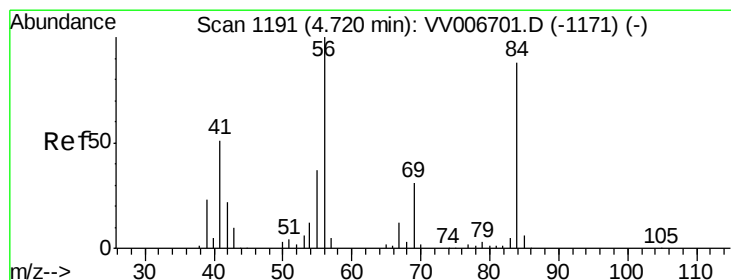
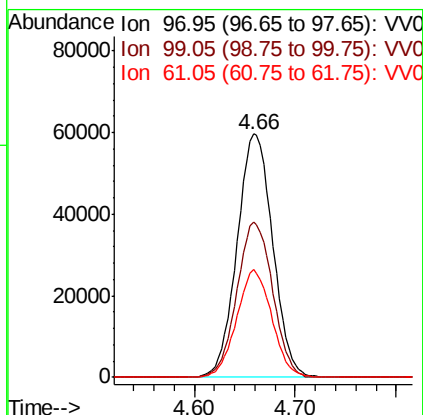
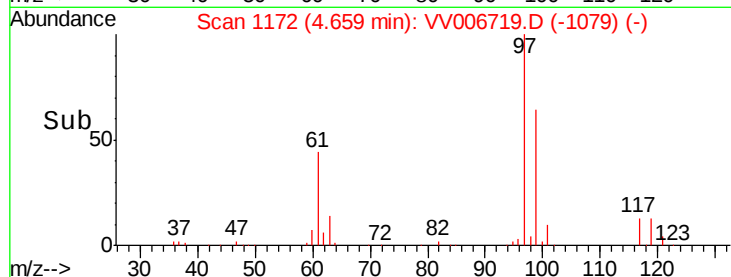
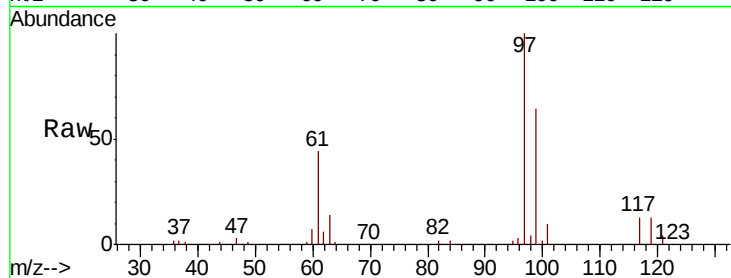


#29
 1,1,1-Trichloroethane
 Concen: 4.931 ug/L
 RT: 4.66 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 97 Resp: 146233

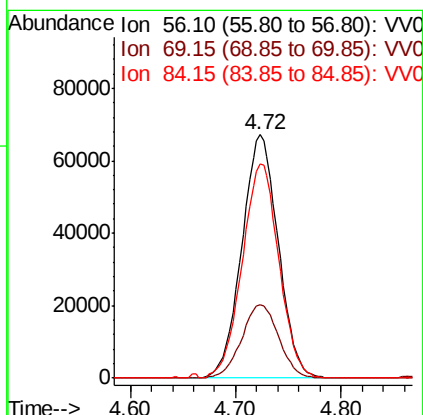
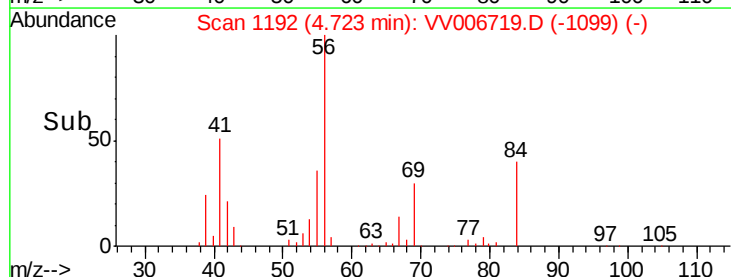
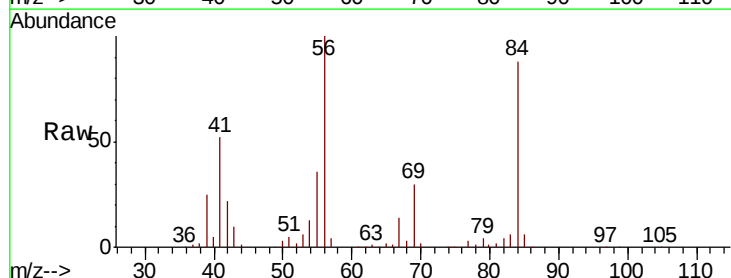
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.7	77.5
61	43.6	34.9	52.3

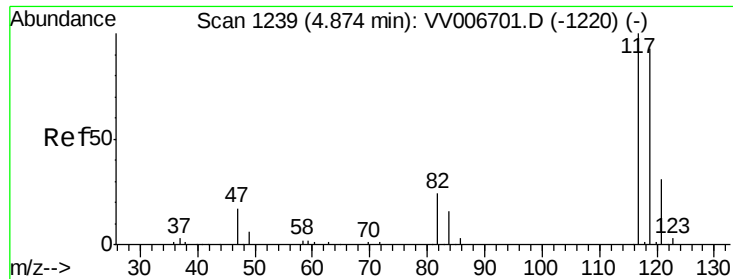


#30
 Cyclohexane
 Concen: 4.856 ug/L
 RT: 4.72 min Scan# 1192
 Delta R.T. 0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Tgt Ion: 56 Resp: 161247

Ion	Ratio	Lower	Upper
56	100		
69	30.8	24.6	36.8
84	88.8	71.4	107.2





#31

Carbon tetrachloride

Concen: 4.959 ug/L

RT: 4.88 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

Instrument :

MSVOA_V

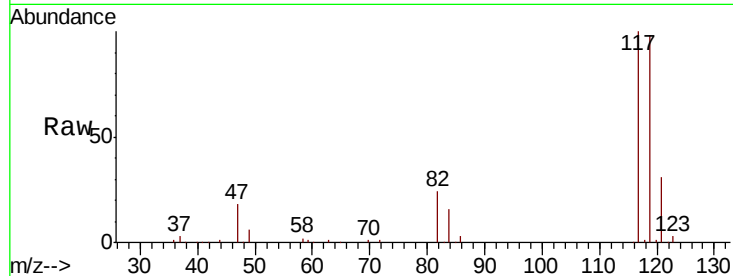
ClientSampleId :

Tot Ion:117 Resp: 125694

Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V

4.88

60000

50000

40000

30000

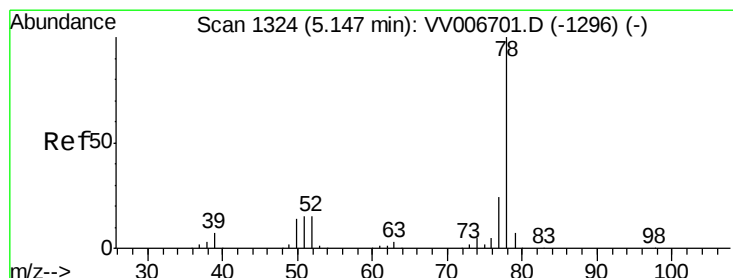
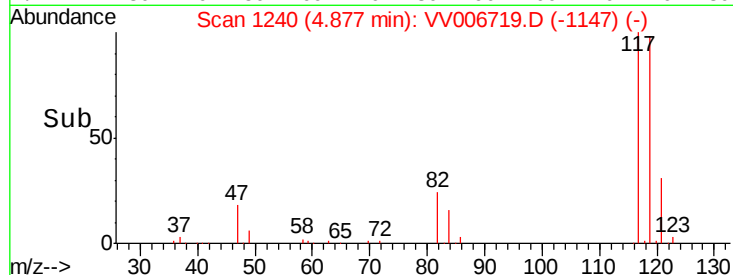
20000

10000

0

Time-->

4.80 4.90 5.00



#33

Benzene

Concen: 4.949 ug/L

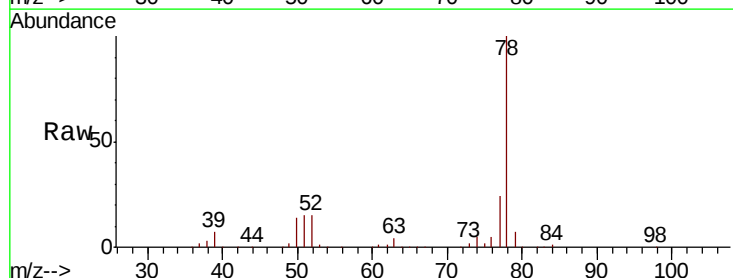
RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

Tgt Ion: 78 Resp: 410104



Abundance Ion 78.10 (77.80 to 78.80): VV0

5.15

200000

150000

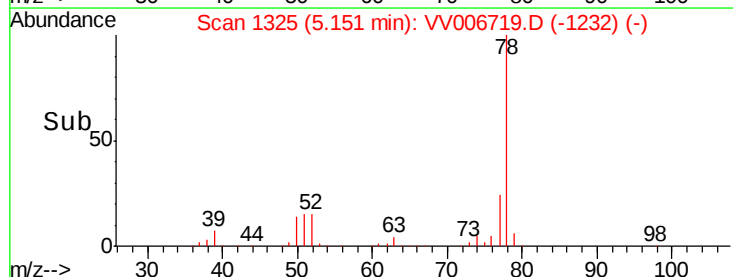
100000

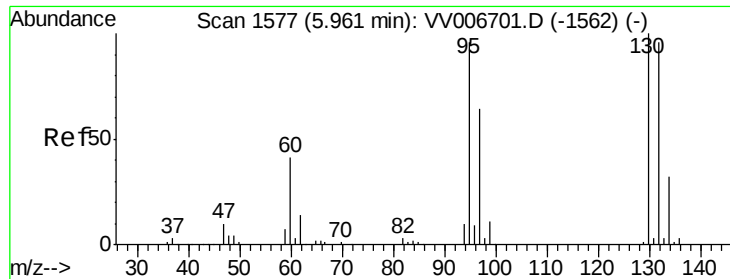
50000

0

Time-->

5.00 5.10 5.20 5.30





#34

Trichloroethene

Concen: 4.933 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 95 Resp: 103185

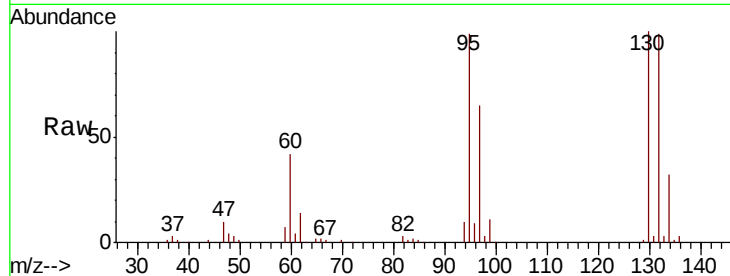
Ion Ratio Lower Upper

95 100

97 65.4 44.9 83.3

132 99.7 68.9 127.9

130 101.0 73.4 136.4

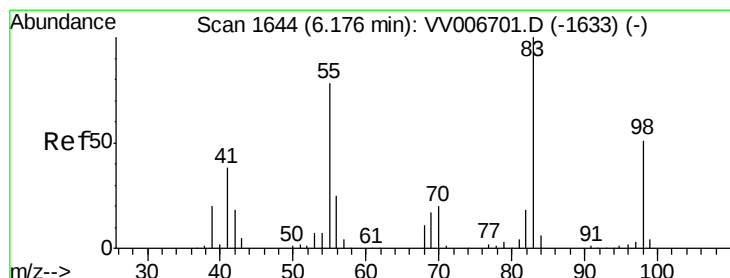
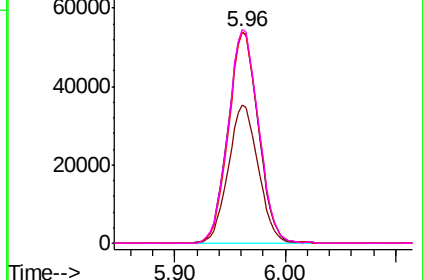
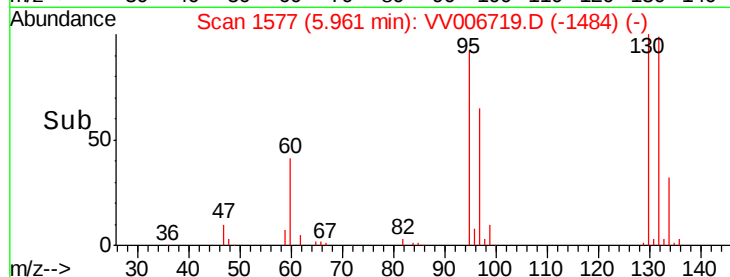


Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 4.997 ug/L

RT: 6.18 min Scan# 1644

Delta R.T. 0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

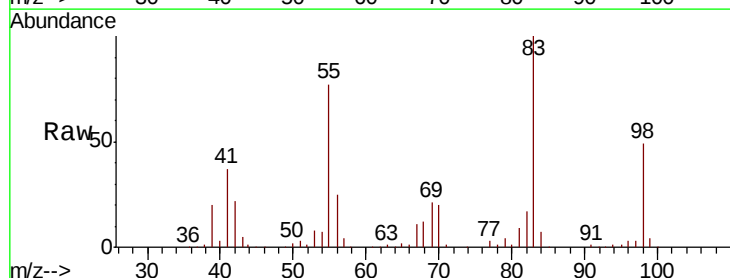
Tgt Ion: 83 Resp: 174616

Ion Ratio Lower Upper

83 100

55 76.7 61.9 92.9

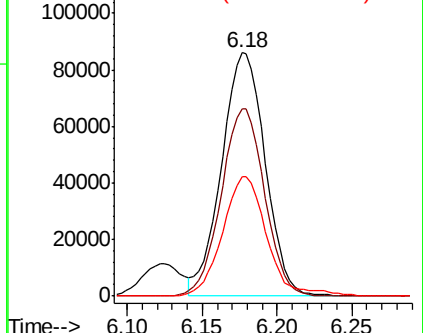
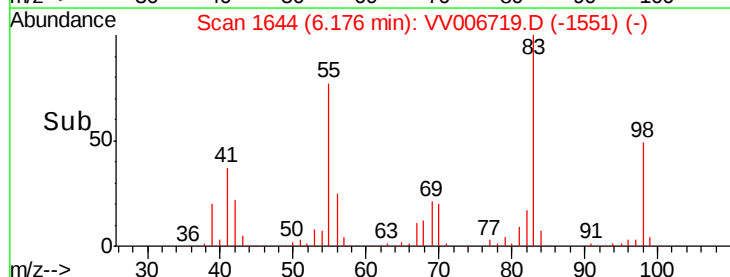
98 50.1 39.7 59.5

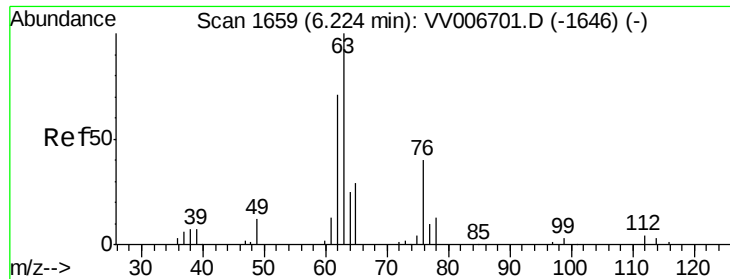


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

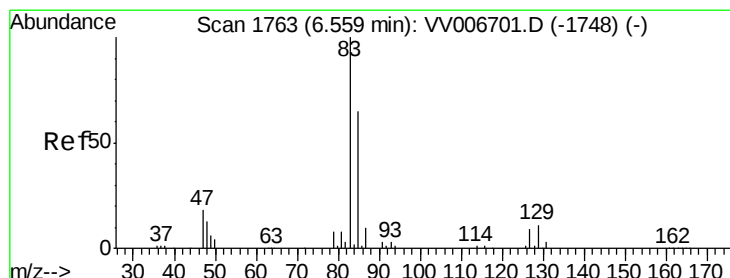
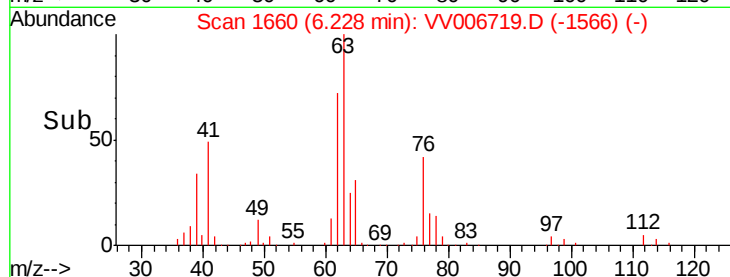
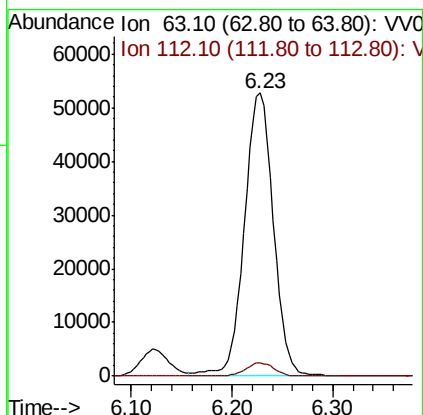
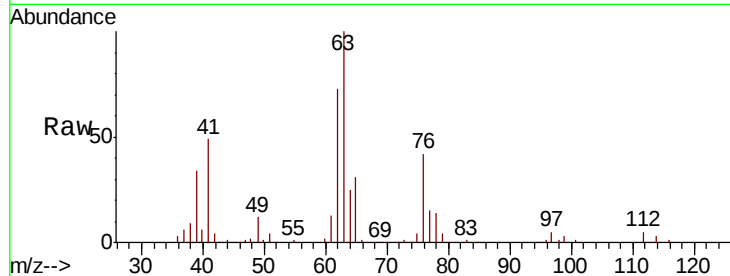




#37
 1,2-Dichloropropane
 Concen: 4.919 ug/L
 RT: 6.23 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

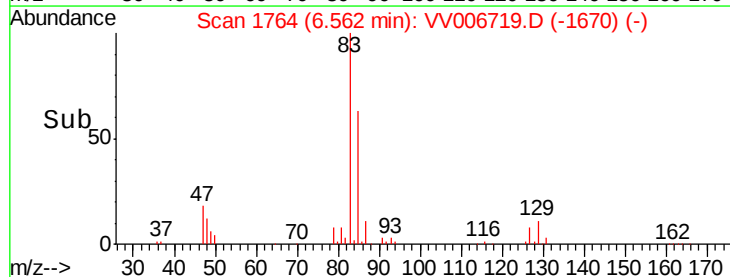
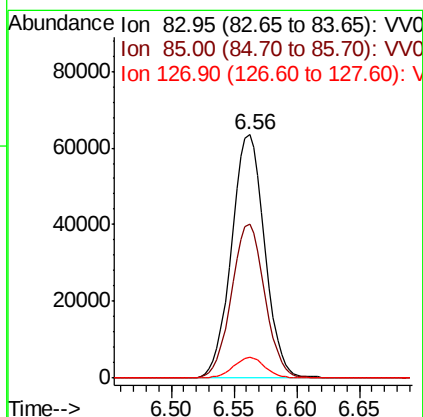
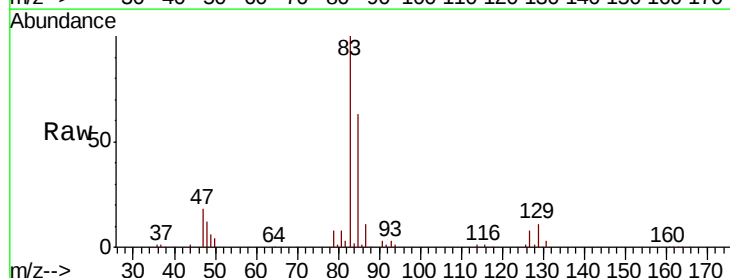
Instrument :
 MSVOA_V
 ClientSampleId :

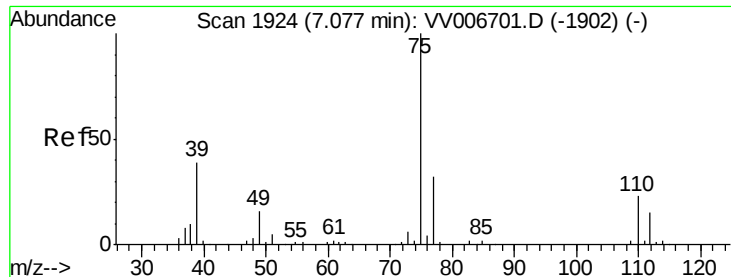
Tot Ion: 63 Resp: 104650
 Ion Ratio Lower Upper
 63 100
 112 4.6 3.8 5.6



#38
 Bromodichloromethane
 Concen: 4.915 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Tgt Ion: 83 Resp: 116783
 Ion Ratio Lower Upper
 83 100
 85 63.4 44.4 82.4
 127 8.4 6.6 9.8

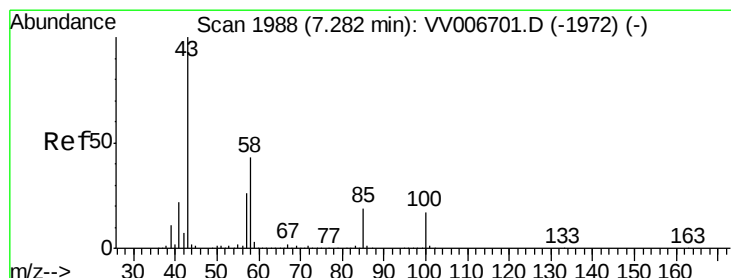
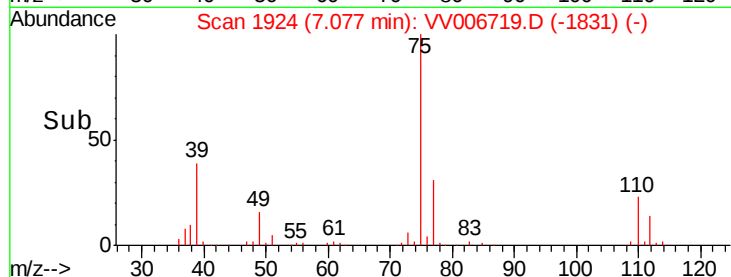
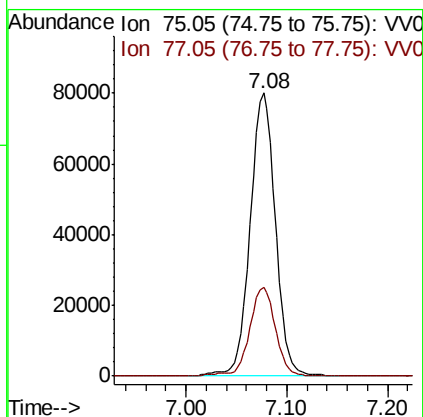
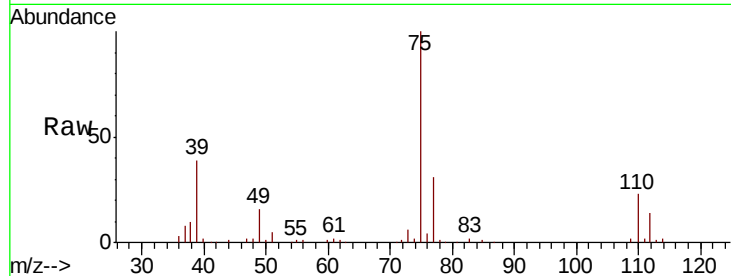




#39
 cis-1,3-Dichloropropene
 Concen: 4.992 ug/L
 RT: 7.08 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

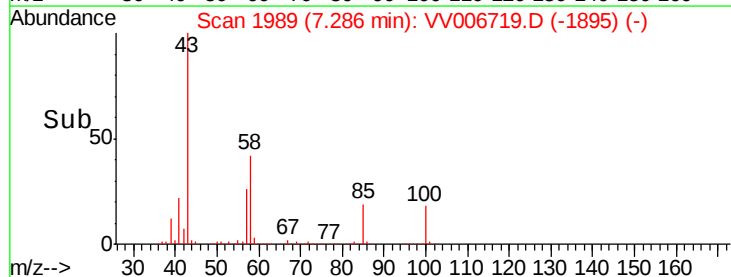
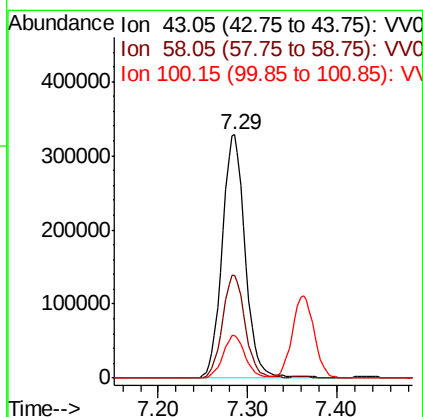
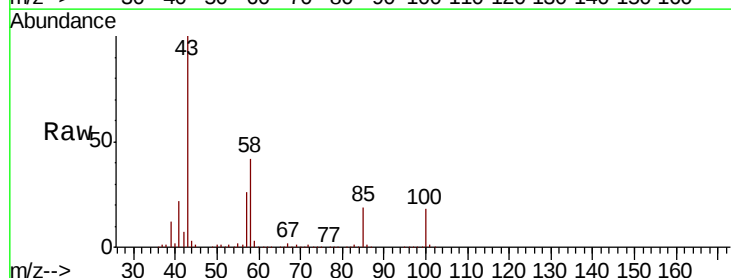
Instrument :
 MSVOA_V
 ClientSampleId :

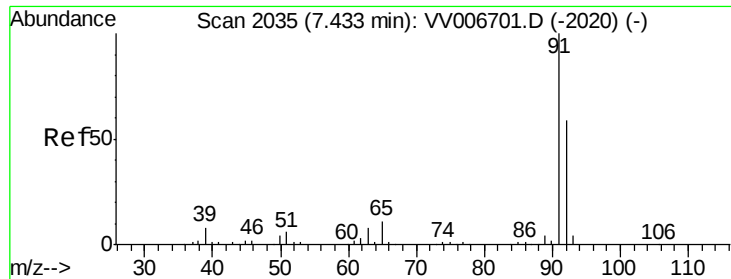
Tot Ion: 75 Resp: 138341
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 50.056 ug/L
 RT: 7.29 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Tgt Ion: 43 Resp: 585337
 Ion Ratio Lower Upper
 43 100
 58 41.6 33.4 50.0
 100 16.9 13.6 20.4





#42

Toluene

Concen: 5.001 ug/L

RT: 7.43 min Scan# 2035

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

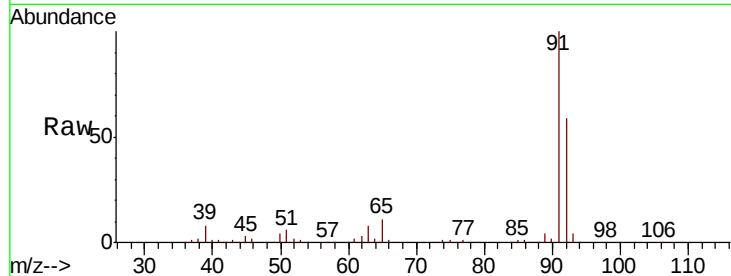
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 426730

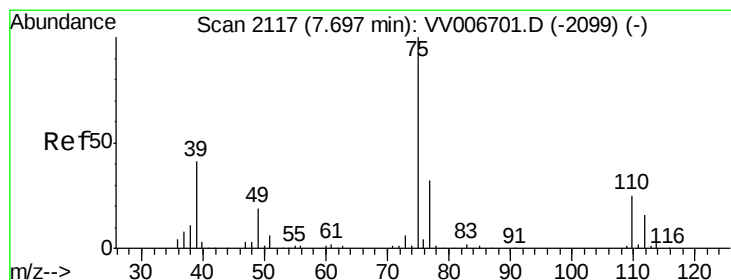
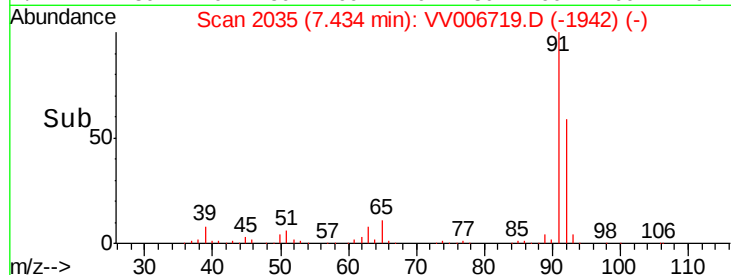
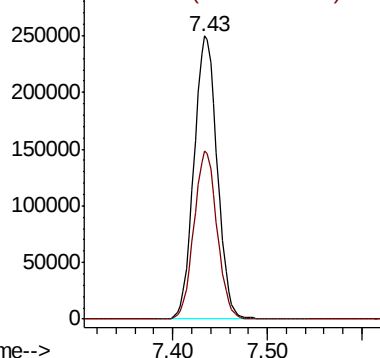
Ion Ratio Lower Upper

91 100

92 59.3 40.7 75.7



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: 5.052 ug/L

RT: 7.70 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VV006719.D

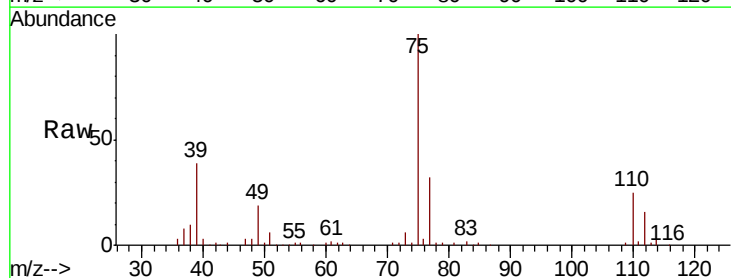
Acq: 27 Jul 2018 09:47

Tgt Ion: 75 Resp: 110080

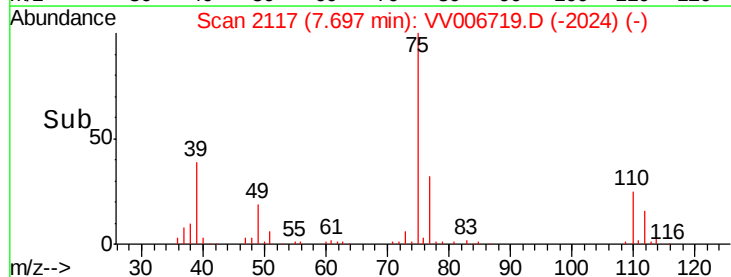
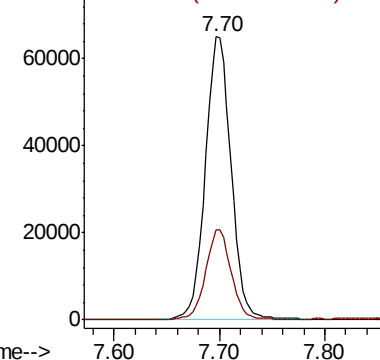
Ion Ratio Lower Upper

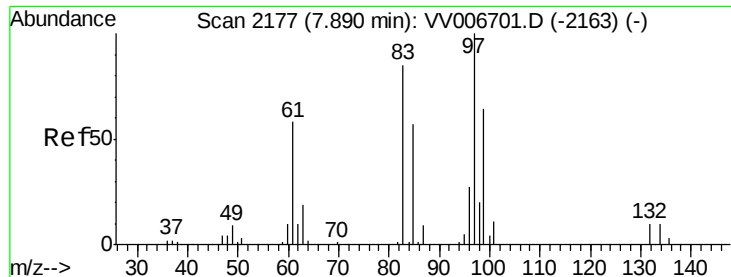
75 100

77 31.7 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0

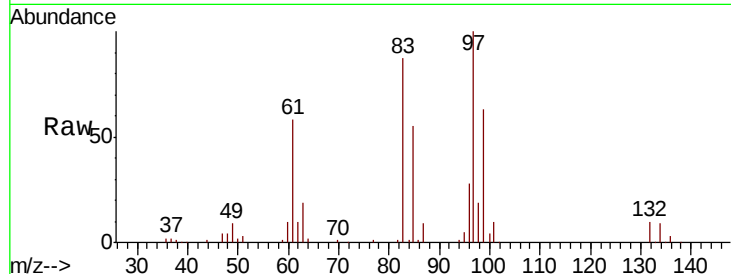




#45
 1,1,2-Trichloroethane
 Concen: 4.887 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	97	Resp:	70019
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.0	79.8
83	86.6	59.4	110.4
85	55.4	37.5	69.7



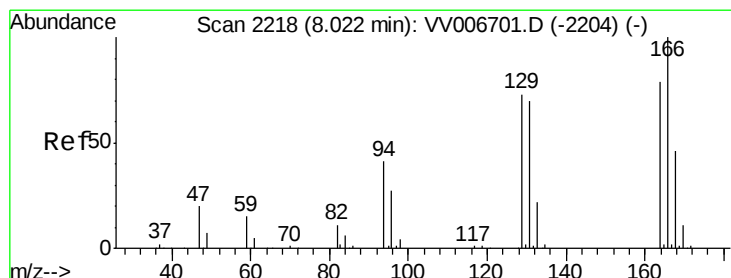
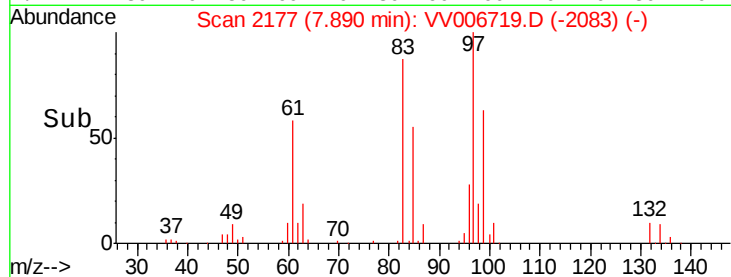
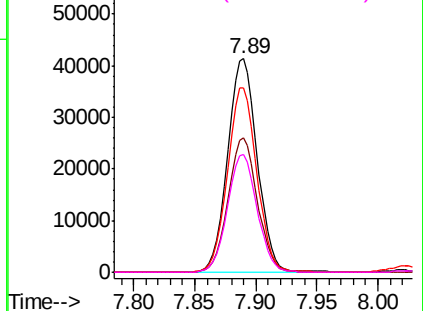
Abundance

Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

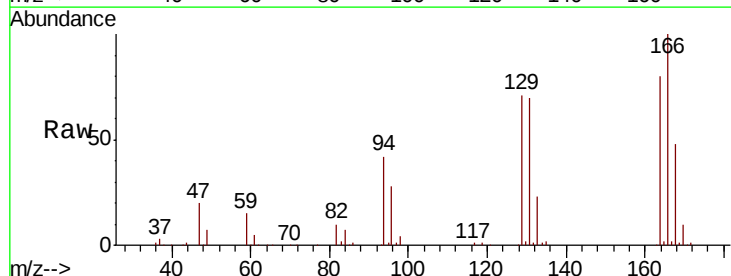
Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47
 Tetrachloroethene
 Concen: 5.032 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Tgt Ion:	164	Resp:	83610
Ion	Ratio	Lower	Upper
164	100		
129	89.7	65.0	120.8
131	87.8	61.9	115.1
166	125.5	89.3	165.9



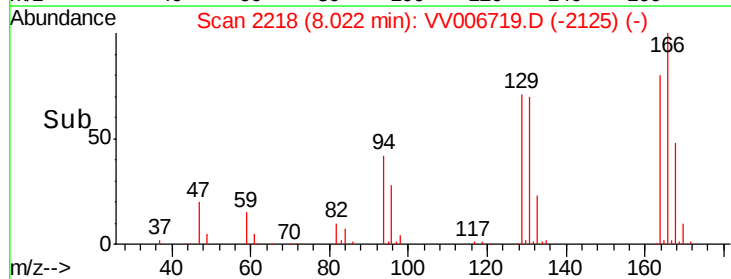
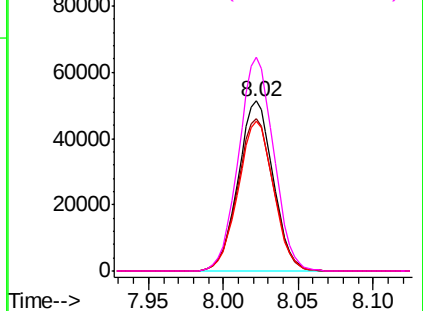
Abundance

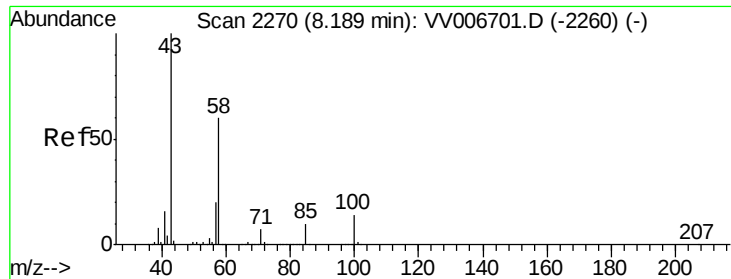
Ion 163.90 (163.60 to 164.60): V

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

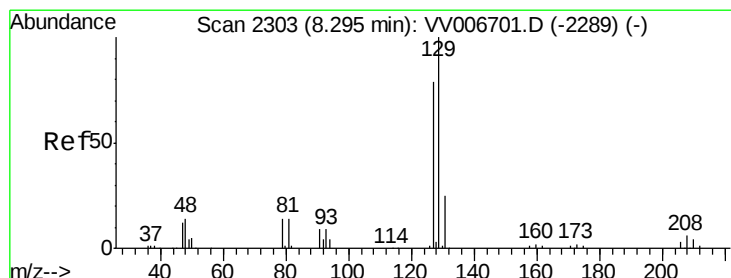
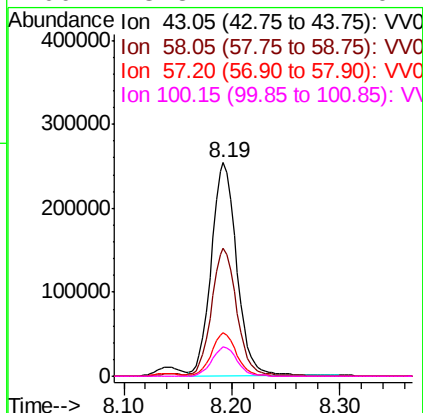
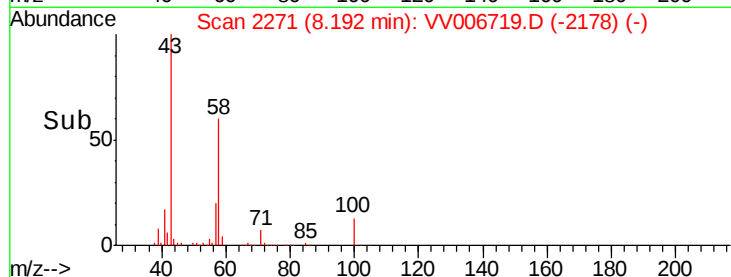
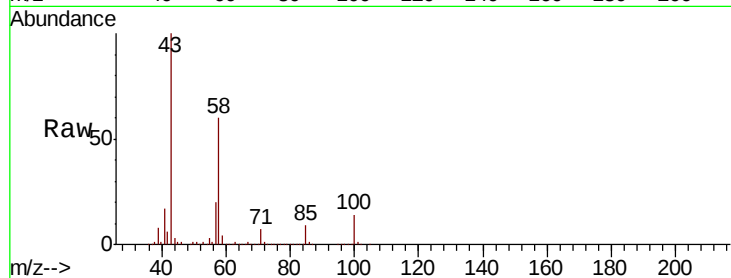




#48
2-Hexanone
Concen: 50.912 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

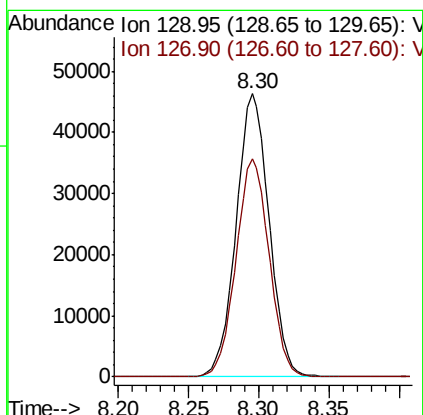
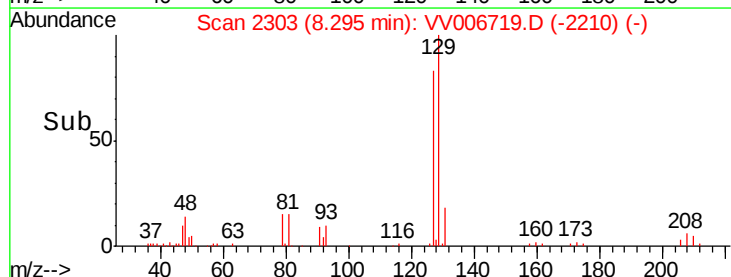
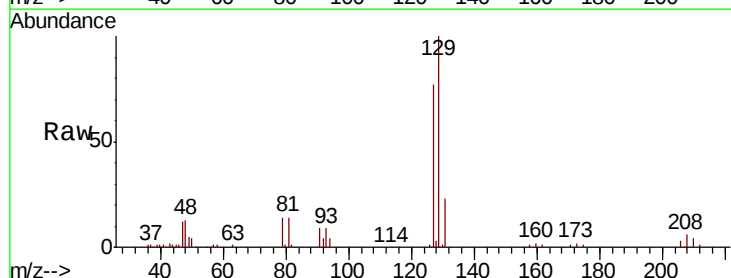
Instrument :
MSVOA_V
ClientSampleId :

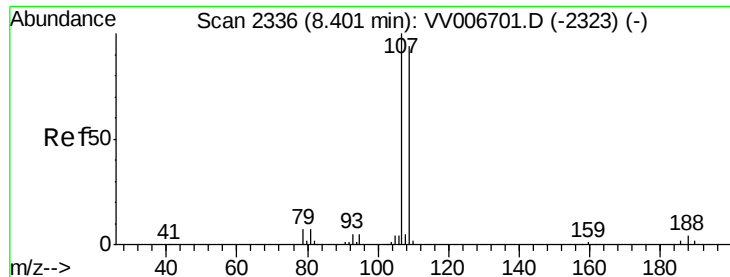
Tot Ion: 43 Resp: 415416
Ion Ratio Lower Upper
43 100
58 59.4 47.2 70.8
57 19.9 16.1 24.1
100 13.8 11.1 16.7



#49
Dibromochloromethane
Concen: 5.010 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. -0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

Tgt Ion: 129 Resp: 75961
Ion Ratio Lower Upper
129 100
127 77.1 53.5 99.5

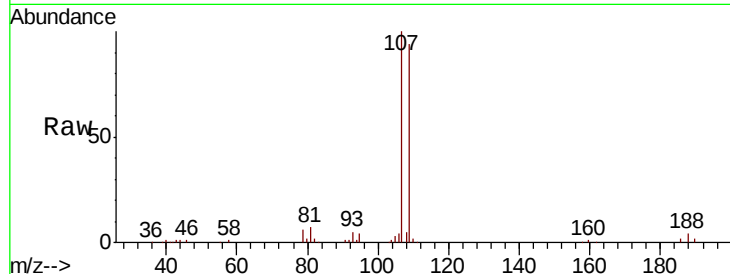




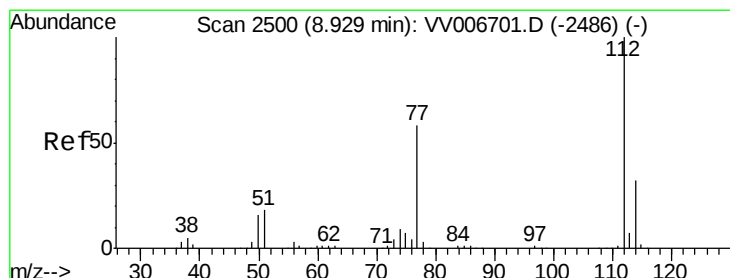
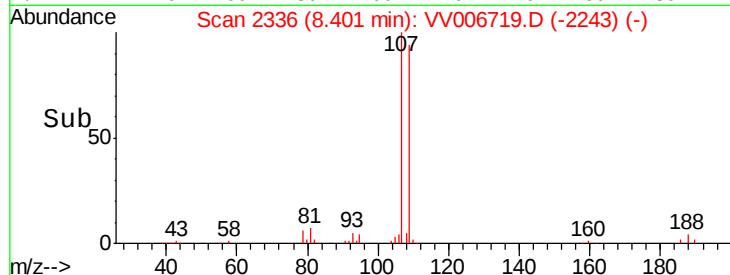
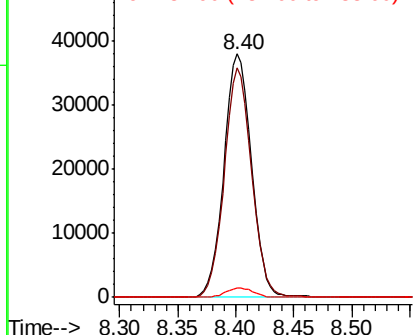
#50
1,2-Dibromoethane
Concen: 4.895 ug/L
RT: 8.40 min Scan# 2336
Delta R.T. -0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:107 Resp: 62682
Ion Ratio Lower Upper
107 100
109 94.1 66.8 124.0
188 3.7 3.1 4.7

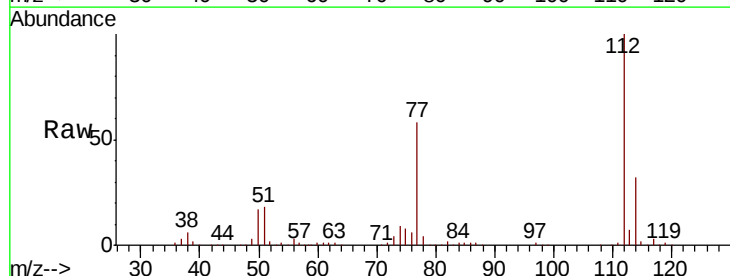


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

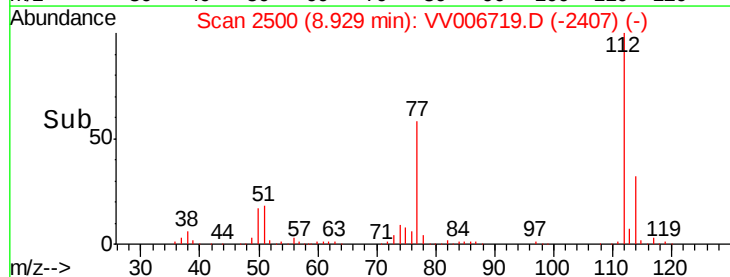
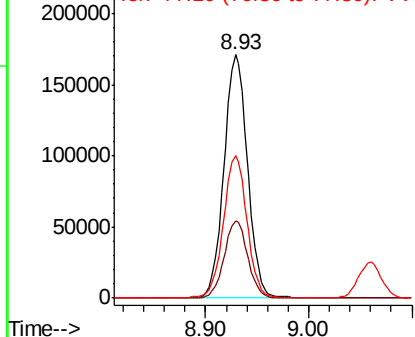


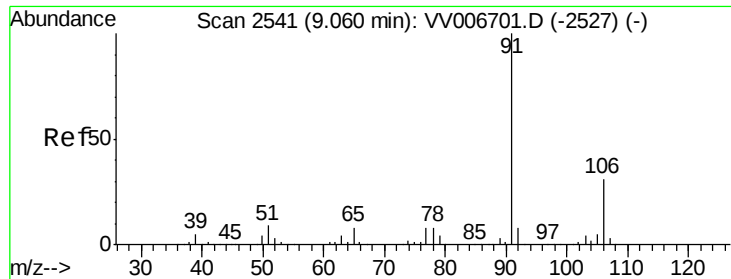
#51
Chlorobenzene
Concen: 4.915 ug/L
RT: 8.93 min Scan# 2500
Delta R.T. -0.00 min
Lab File: VV006719.D
Acq: 27 Jul 2018 09:47

Tgt Ion:112 Resp: 272813
Ion Ratio Lower Upper
112 100
114 31.9 22.5 41.9
77 58.5 46.2 69.2



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: 5.010 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

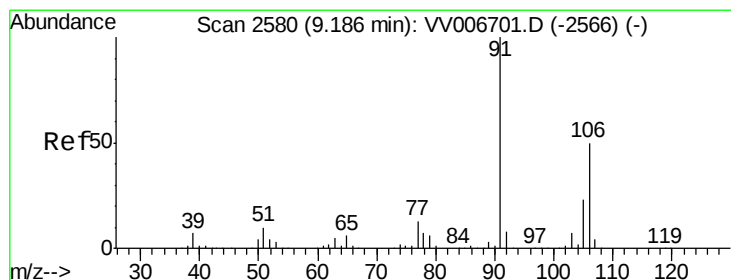
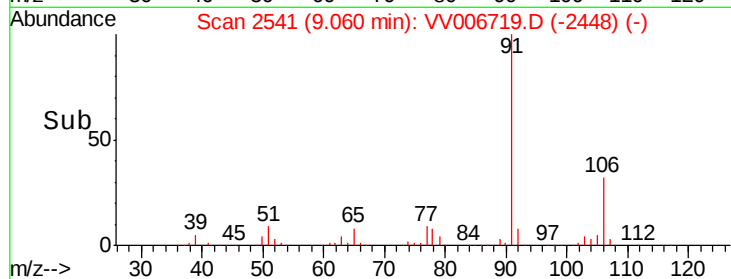
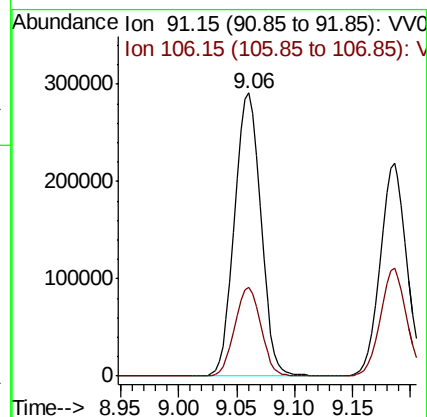
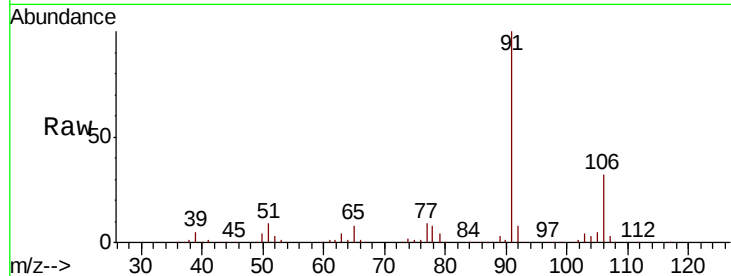
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 455698

Ion Ratio Lower Upper

91 100

106 31.6 21.8 40.6



#53

m,p-xylene

Concen: 5.138 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. -0.00 min

Lab File: VV006719.D

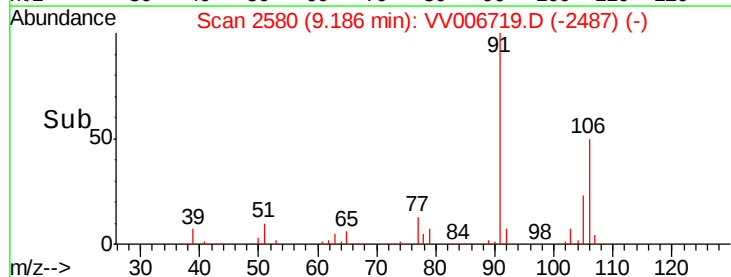
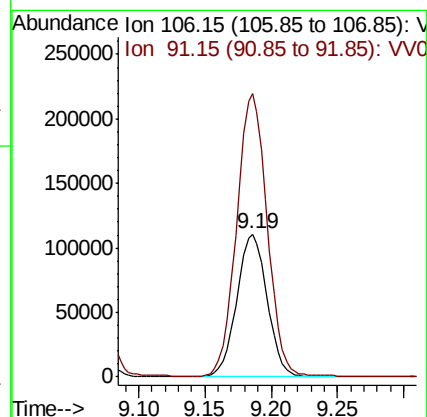
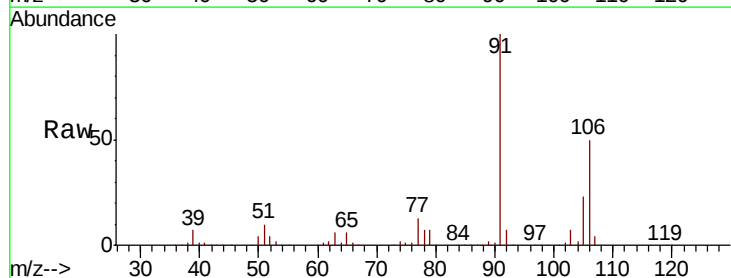
Acq: 27 Jul 2018 09:47

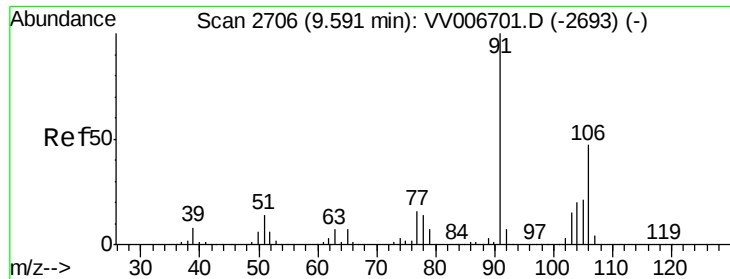
Tgt Ion: 106 Resp: 176433

Ion Ratio Lower Upper

106 100

91 198.3 140.3 260.5





#54

o-xylene

Concen: 5.096 ug/L

RT: 9.59 min Scan# 2706

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

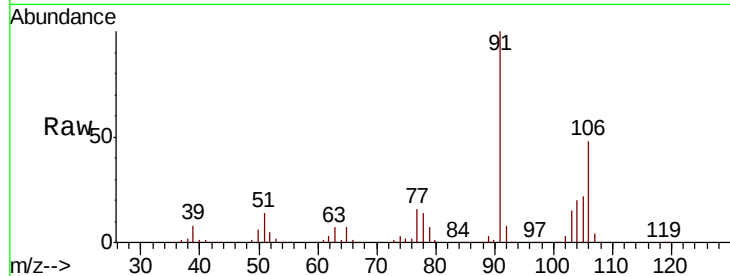
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 170459

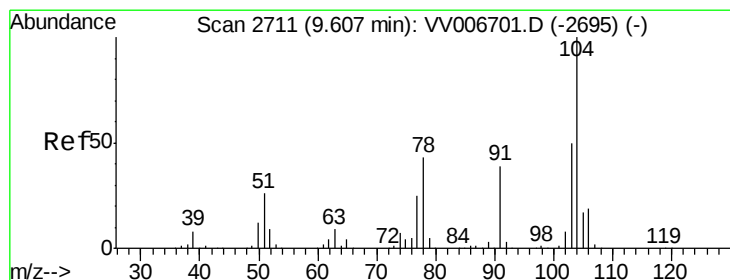
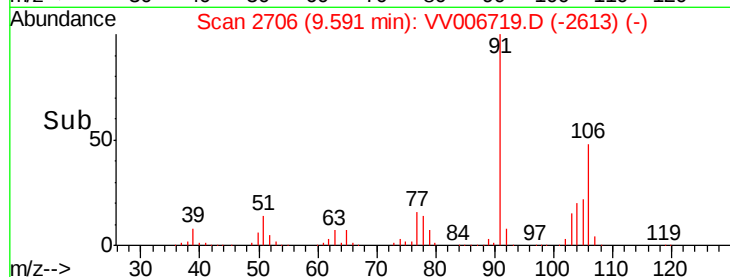
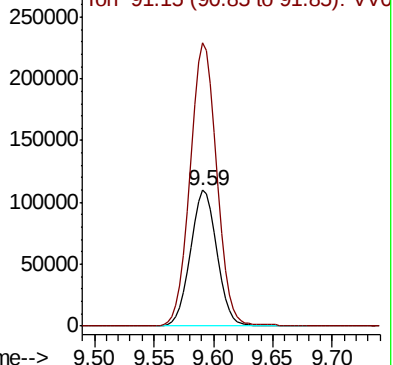
Ion Ratio Lower Upper

106 100

91 208.5 146.0 271.2



Abundance Ion 106.15 (105.85 to 106.85): VV006719.D (-2693) (-)



#55

Styrene

Concen: 5.172 ug/L

RT: 9.61 min Scan# 2711

Delta R.T. 0.00 min

Lab File: VV006719.D

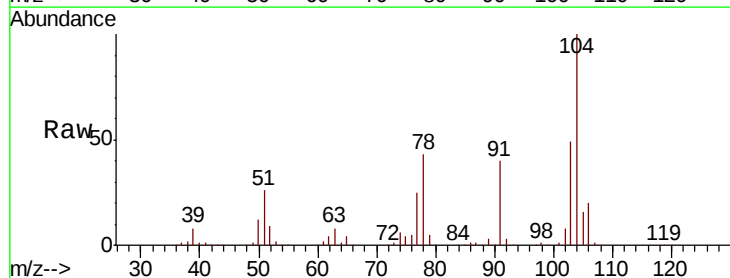
Acq: 27 Jul 2018 09:47

Tgt Ion:104 Resp: 291832

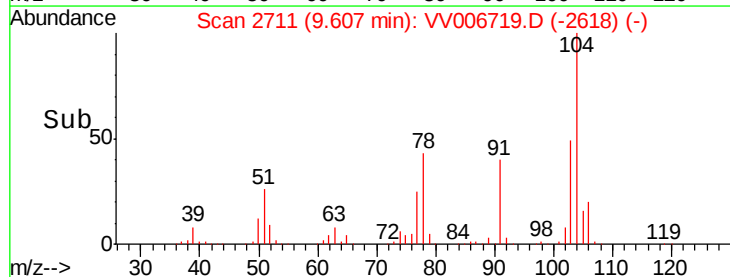
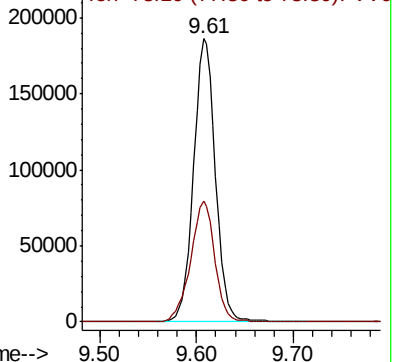
Ion Ratio Lower Upper

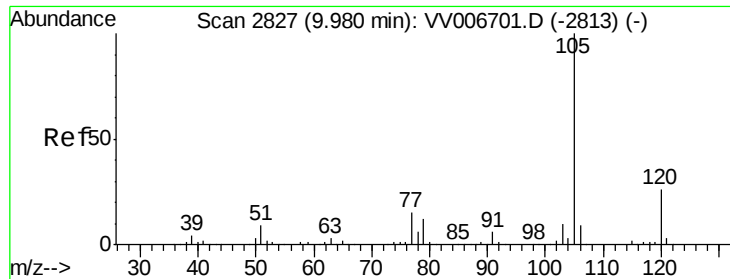
104 100

78 42.7 29.0 53.9



Abundance Ion 104.10 (103.80 to 104.80): VV006719.D (-2618) (-)





#56

Isopropylbenzene

Concen: 5.119 ug/L

RT: 9.98 min Scan# 2827

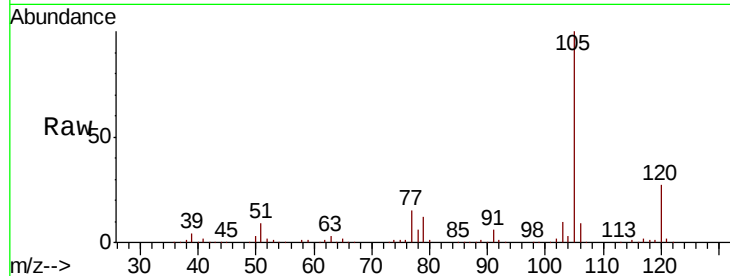
Delta R.T. -0.00 min

Lab File: VV006719.D

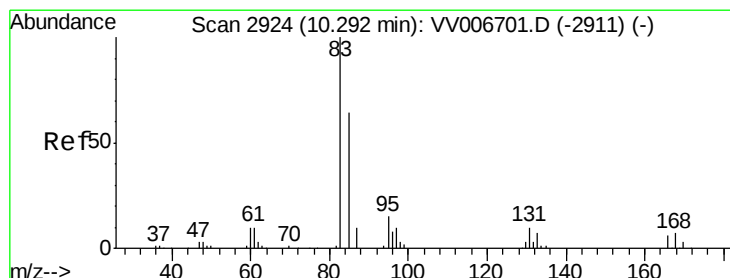
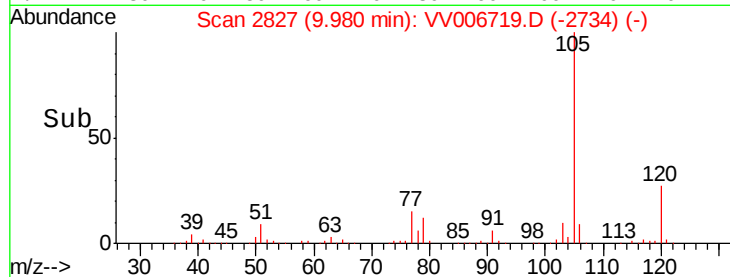
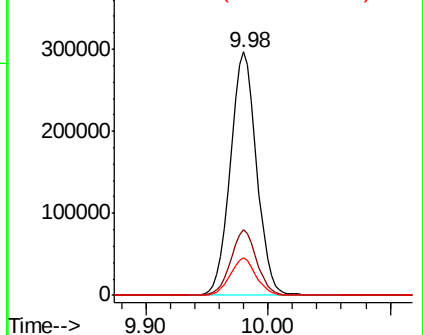
Acq: 27 Jul 2018 09:47

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	105	Resp:	444711
Ion	Ratio	Lower	Upper
105	100		
120	26.6	21.5	32.3
77	15.2	12.2	18.2



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: 4.678 ug/L

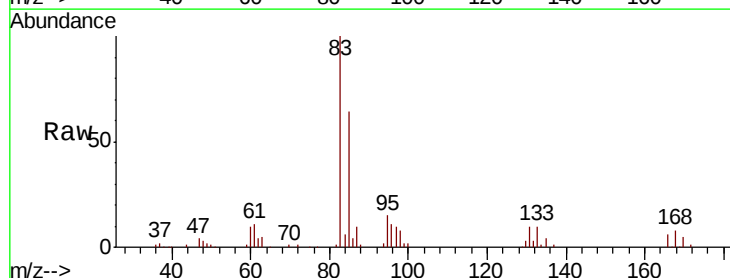
RT: 10.29 min Scan# 2924

Delta R.T. -0.00 min

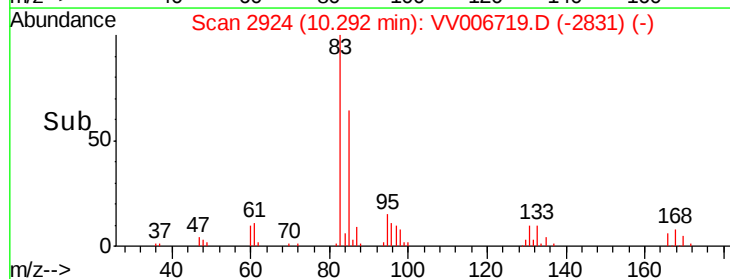
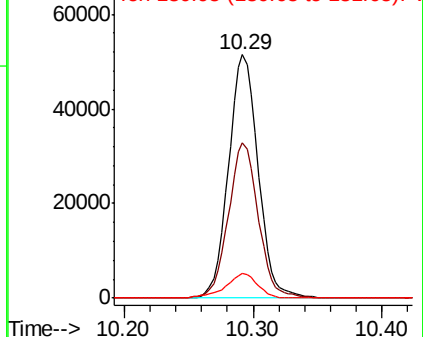
Lab File: VV006719.D

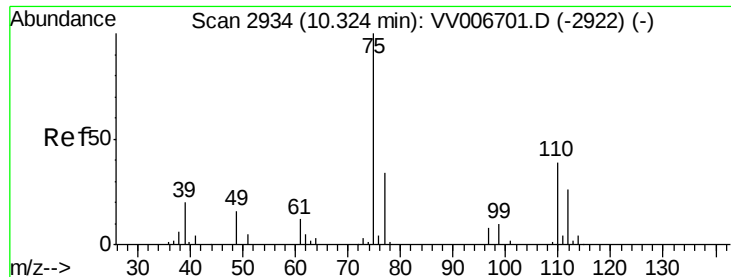
Acq: 27 Jul 2018 09:47

Tgt Ion:	83	Resp:	81977
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.6	84.6
131	10.2	8.0	12.0



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

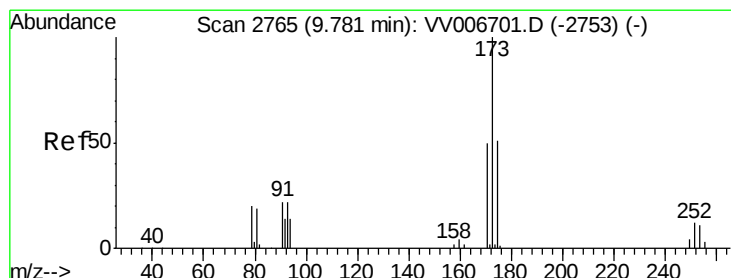
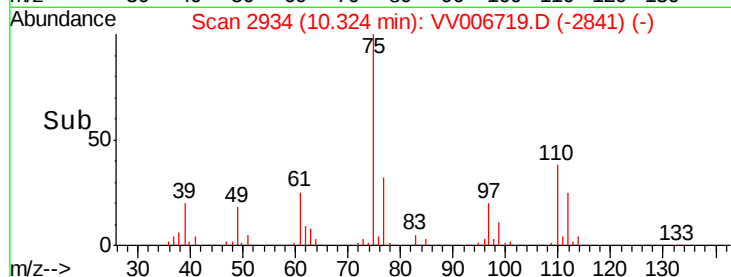
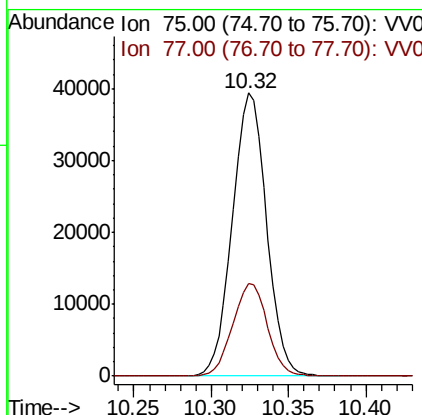
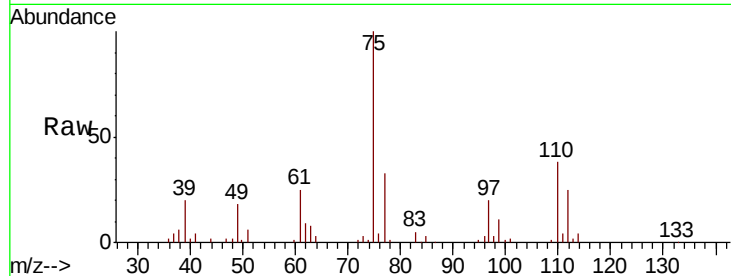




#59
 1,2,3-Trichloropropane
 Concen: 4.830 ug/L
 RT: 10.32 min Scan# 2934
 Delta R.T. -0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

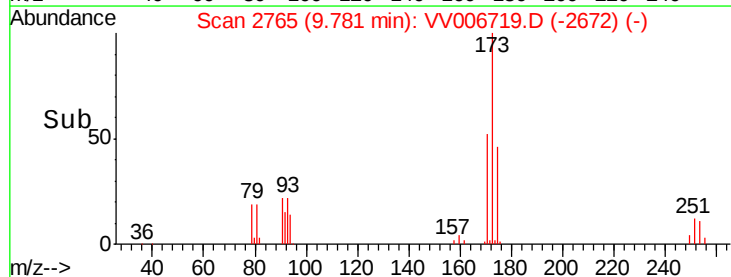
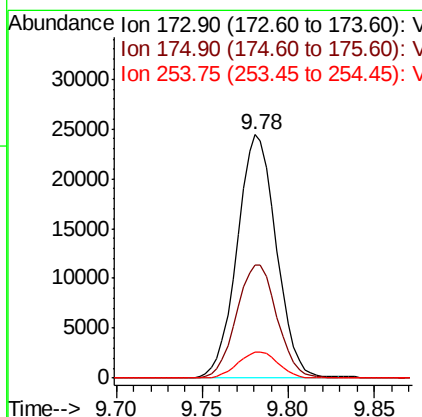
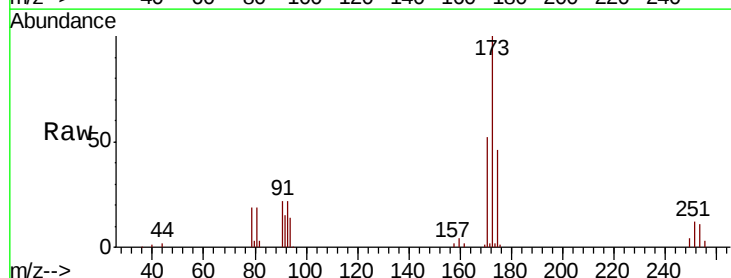
Instrument :
 MSVOA_V
 ClientSampled :

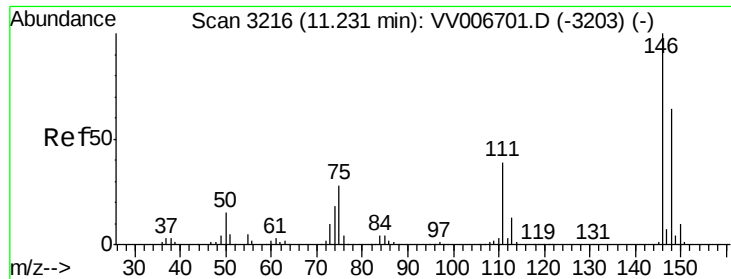
Tot Ion: 75 Resp: 60468
 Ion Ratio Lower Upper
 75 100
 77 33.3 26.1 39.1



#61
 Bromoform
 Concen: 4.831 ug/L
 RT: 9.78 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Tgt Ion: 173 Resp: 38660
 Ion Ratio Lower Upper
 173 100
 175 48.1 39.1 58.7
 254 10.9 9.1 13.7





#62

1,3-Dichlorobenzene

Concen: 4.855 ug/L

RT: 11.23 min Scan# 3216

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

Instrument :

MSVOA_V

ClientSampleId :

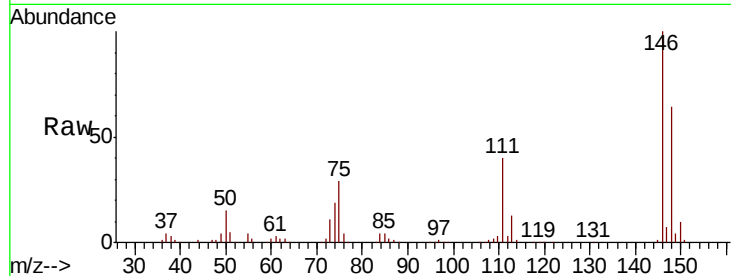
Tot Ion:146 Resp: 197604

Ion Ratio Lower Upper

146 100

111 39.6 27.5 51.1

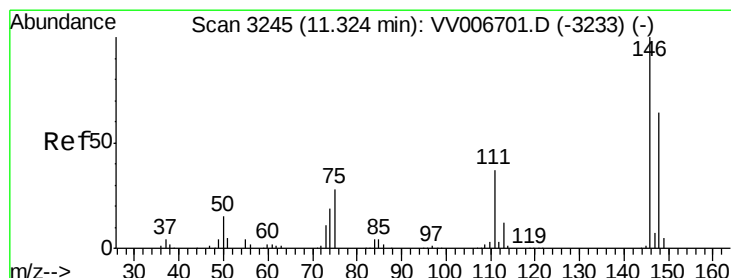
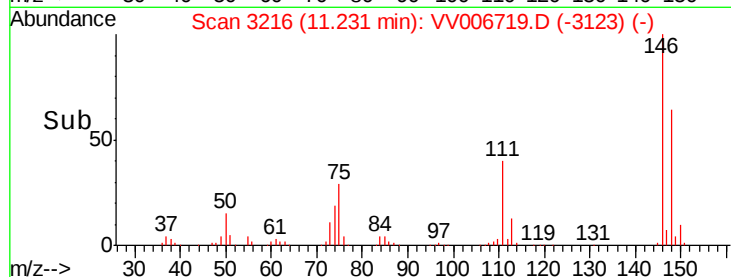
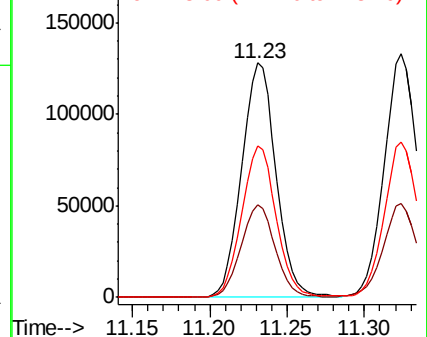
148 64.3 44.5 82.7



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: 4.909 ug/L

RT: 11.32 min Scan# 3245

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

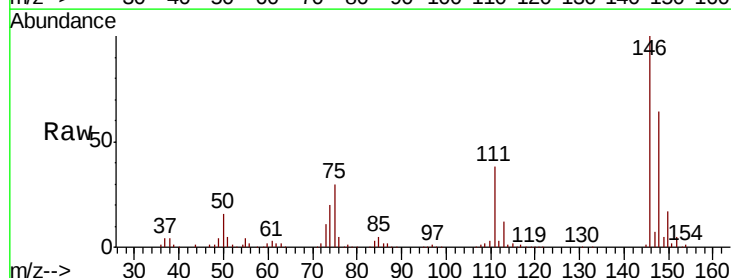
Tgt Ion:146 Resp: 203643

Ion Ratio Lower Upper

146 100

111 38.3 27.0 50.2

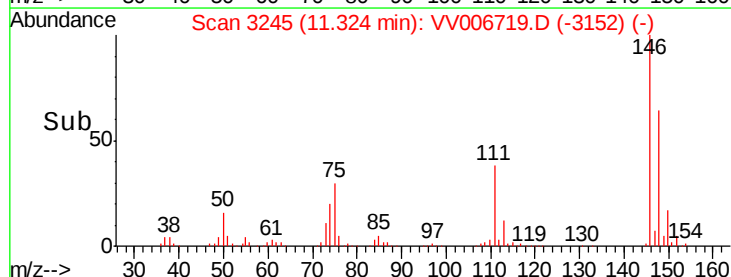
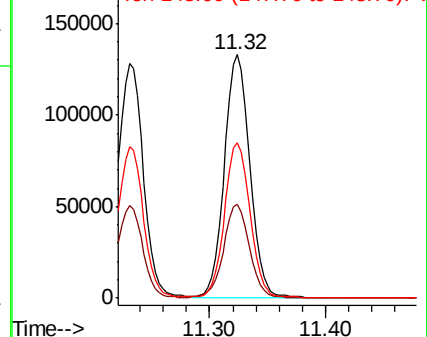
148 64.0 45.1 83.7

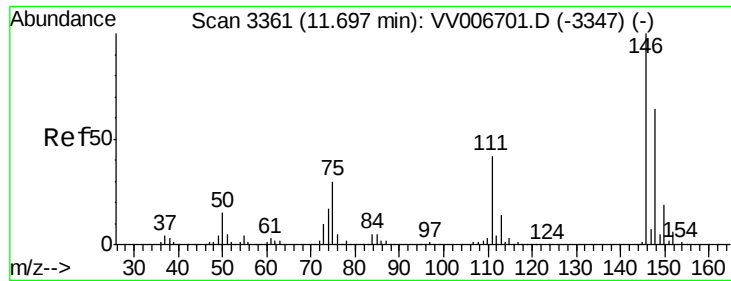


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 4.889 ug/L

RT: 11.70 min Scan# 3361

Delta R.T. 0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

Instrument :

MSVOA_V

ClientSampleId :

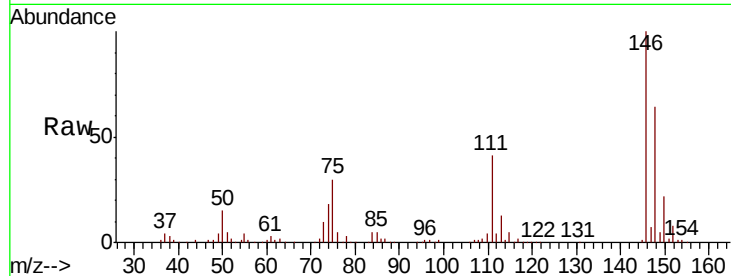
Tot Ion:146 Resp: 193838

Ion Ratio Lower Upper

146 100

111 41.2 32.9 49.3

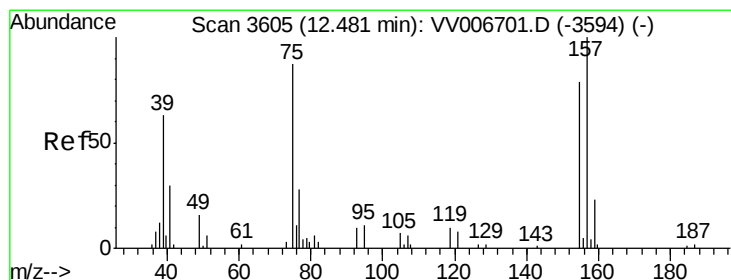
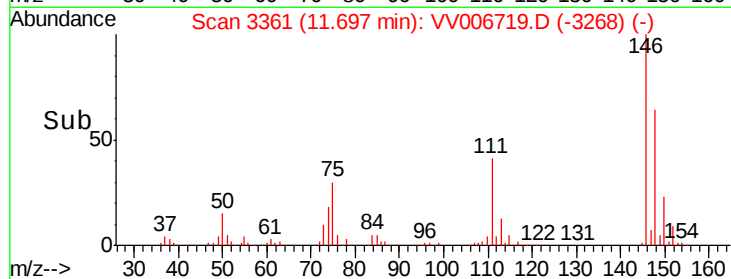
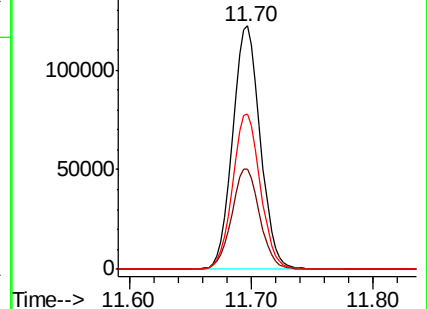
148 64.0 50.2 75.4



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: 4.741 ug/L

RT: 12.48 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

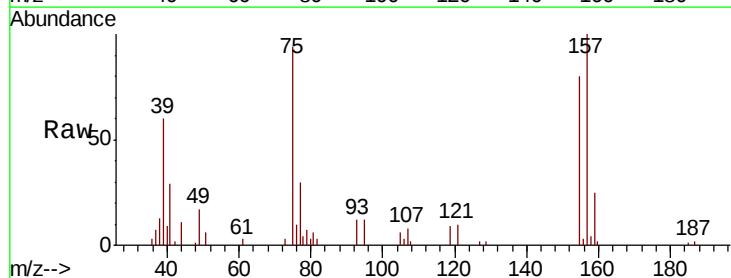
Tgt Ion: 75 Resp: 11251

Ion Ratio Lower Upper

75 100

155 85.2 68.8 103.2

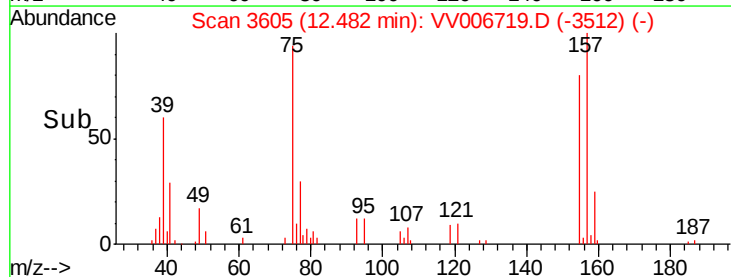
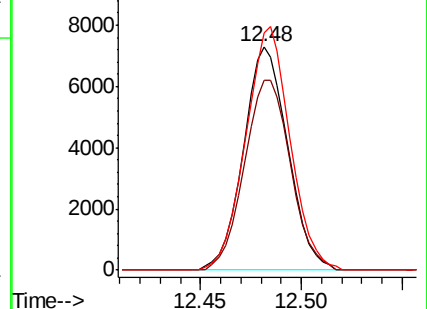
157 106.1 85.6 128.4

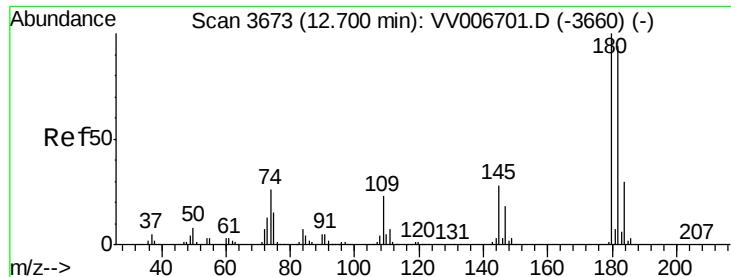


Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

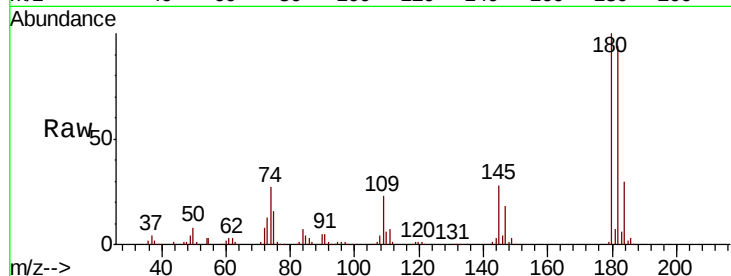




#67
 1,3,5-Trichlorobenzene
 Concen: 5.021 ug/L
 RT: 12.70 min Scan# 3673
 Delta R.T. -0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.8	115.2
184	29.8	24.6	37.0
145	28.2	22.8	34.2



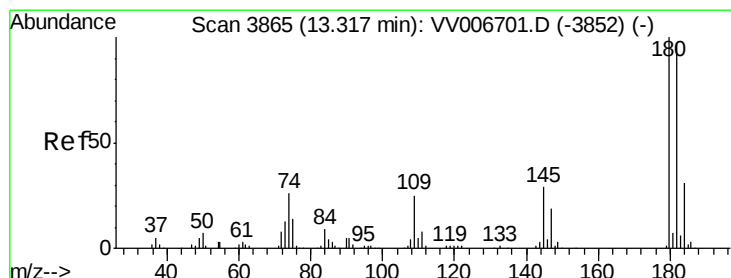
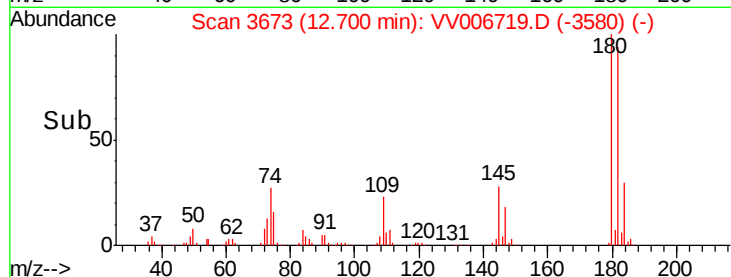
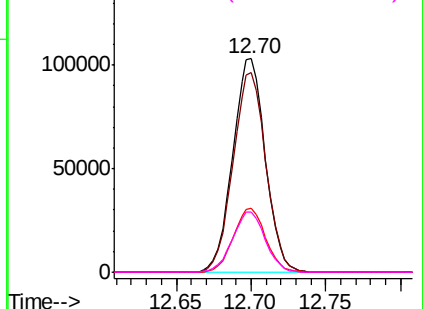
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

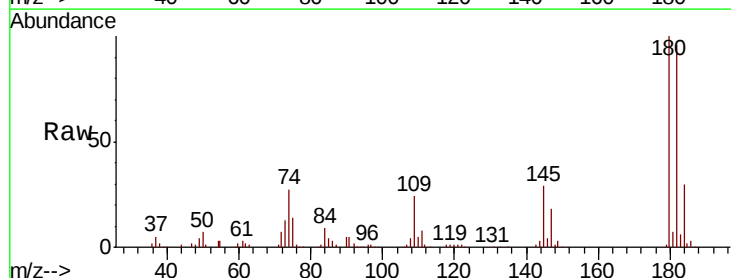
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 4.946 ug/L
 RT: 13.32 min Scan# 3865
 Delta R.T. 0.00 min
 Lab File: VV006719.D
 Acq: 27 Jul 2018 09:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.2	114.4
145	29.0	23.4	35.0

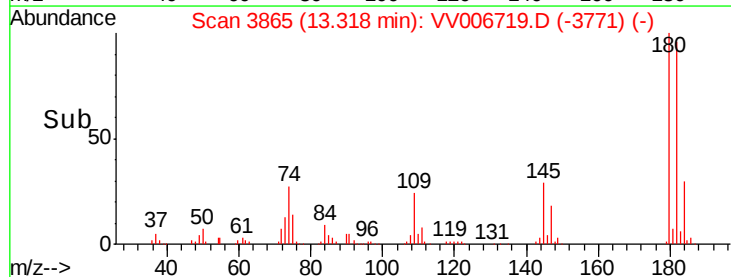
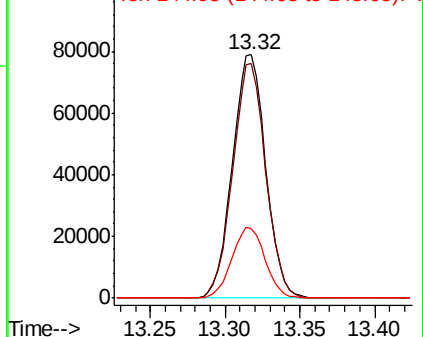


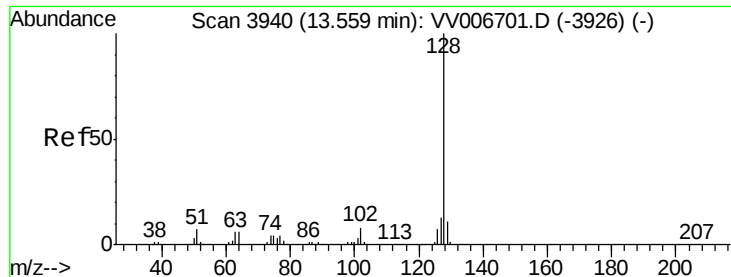
Abundance

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: 4.802 ug/L

RT: 13.56 min Scan# 3940

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

Instrument :

MSVOA_V

ClientSampleId :

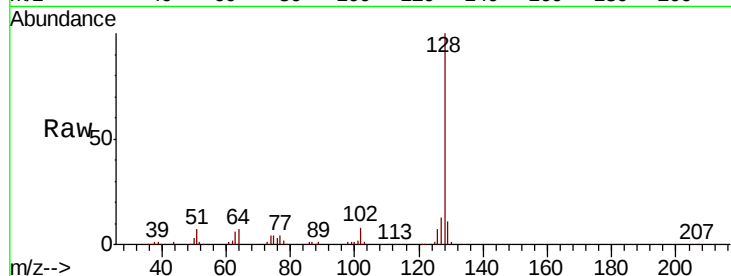
Tot Ion:128 Resp: 202867

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

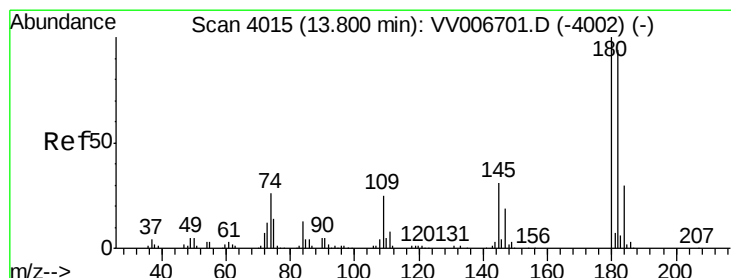
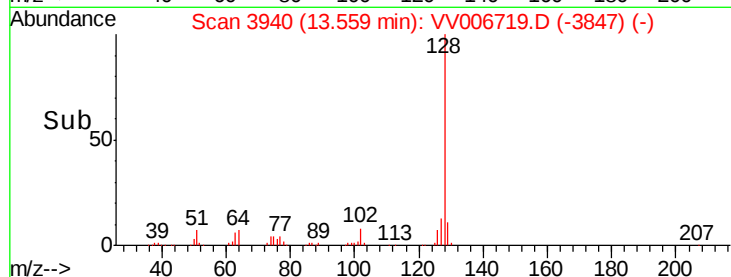
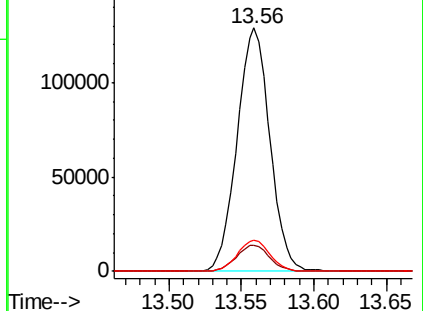
127 12.7 10.3 15.5



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: 4.996 ug/L

RT: 13.80 min Scan# 4015

Delta R.T. -0.00 min

Lab File: VV006719.D

Acq: 27 Jul 2018 09:47

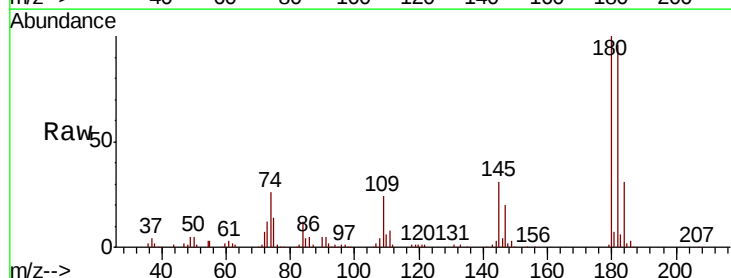
Tgt Ion:180 Resp: 116719

Ion Ratio Lower Upper

180 100

182 95.3 75.3 112.9

145 31.2 24.5 36.7



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

