

Data File : VV008726.D
Acq On : 27 Nov 2018 10:35
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

Quant Time: Nov 28 02:07:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	268573	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	114503	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	91931	48.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.04%
7) Chloroethane-d5	1.57	69	65201	62.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.98%
11) 1,1-Dichloroethene-d2	2.13	63	166827	53.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.70%
21) 2-Butanone-d5	3.94	46	149939	97.09	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.09%
24) Chloroform-d	4.41	84	201729	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
26) 1,2-Dichloroethane-d4	5.08	65	126831	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
32) Benzene-d6	5.10	84	417745	55.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	110.56%
36) 1,2-Dichloropropane-d6	6.12	67	127663	54.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.10%
41) Toluene-d8	7.36	98	380942	56.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	112.34%
43) trans-1,3-Dichloropropene-	7.67	79	59930	56.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	113.44%
47) 2-Hexanone-d5	8.14	63	104257	97.61	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.61%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	159204	49.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.82%
64) 1,2-Dichlorobenzene-d4	11.68	152	132093	52.85	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.70%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	108145	49.720	ug/L	97
3) Chloromethane	1.25	50	96612	45.858	ug/L	96
5) Vinyl chloride	1.33	62	97824	47.826	ug/L	100
6) Bromomethane	1.52	94	36998	53.614	ug/L	99
8) Chloroethane	1.59	64	53514	52.233	ug/L	95
9) Trichlorofluoromethane	1.77	101	142898	54.296	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	82777	54.487	ug/L	97
12) 1,1-Dichloroethene	2.14	96	73273	53.735	ug/L	87
13) Acetone	2.20	43	164638	107.744	ug/L	99
14) Carbon disulfide	2.32	76	263031	49.535	ug/L	99
15) Methyl Acetate	2.46	43	114847	47.665	ug/L	98
16) Methylene chloride	2.54	84	106564	50.455	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	97953	51.791	ug/L	96
18) Methyl tert-butyl Ether	2.81	73	319806	50.914	ug/L	99
19) 1,1-Dichloroethane	3.23	63	187525	51.684	ug/L	97
20) cis-1,2-Dichloroethene	3.96	96	112540	52.040	ug/L	87
22) 2-Butanone	4.02	43	195346	100.958	ug/L	95

Data File : VV008726.D
Acq On : 27 Nov 2018 10:35
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

Quant Time: Nov 28 02:07:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration

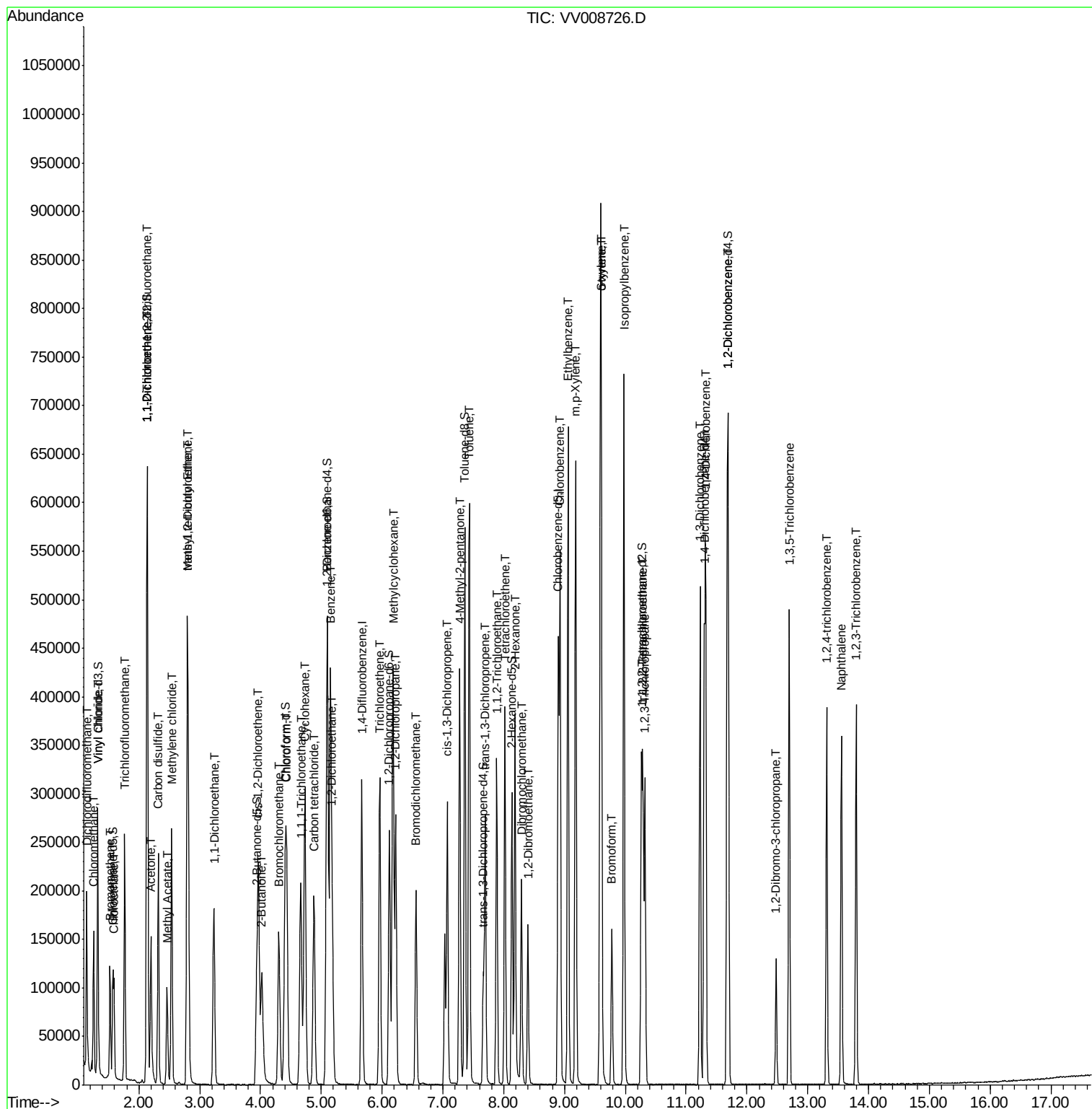
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	55323	53.121	ug/L	84
25) Chloroform	4.43	83	189679	50.226	ug/L	94
27) 1,2-Dichloroethane	5.18	62	149349	51.049	ug/L	100
29) Cyclohexane	4.73	56	172014	52.271	ug/L #	100
30) 1,1,1-Trichloroethane	4.66	97	167002	55.634	ug/L	95
31) Carbon tetrachloride	4.88	117	144348	57.824	ug/L	98
33) Benzene	5.15	78	419178	53.673	ug/L	100
34) Trichloroethene	5.96	95	109364	52.840	ug/L	87
35) Methylcyclohexane	6.18	83	185078	54.155	ug/L	97
37) 1,2-Dichloropropane	6.22	63	106856	50.655	ug/L #	94
38) Bromodichloromethane	6.56	83	134644	53.263	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	162587	54.230	ug/L	94
40) 4-Methyl-2-pentanone	7.28	43	281824	95.133	ug/L #	93
42) Toluene	7.43	91	436647	53.762	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	152131	55.781	ug/L	93
45) 1,1,2-Trichloroethane	7.88	97	103048	53.530	ug/L	93
46) Tetrachloroethene	8.02	164	85470	57.173	ug/L	95
48) 2-Hexanone	8.19	43	234873	101.132	ug/L	96
49) Dibromochloromethane	8.29	129	107201	56.057	ug/L	94
50) 1,2-Dibromoethane	8.40	107	108457	54.097	ug/L #	99
51) Chlorobenzene	8.93	112	280622	54.308	ug/L	93
52) Ethylbenzene	9.06	91	469128	52.646	ug/L	97
53) m,p-Xylene	9.18	106	177776	54.291	ug/L	90
54) o-xylene	9.59	106	174804	53.685	ug/L	96
55) Styrene	9.60	104	295688	54.451	ug/L	98
56) Isopropylbenzene	9.98	105	466082	54.437	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	155348	47.704	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	128252	48.000	ug/L	100
61) Bromoform	9.78	173	71842	57.137	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	202654	52.818	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	206543	52.820	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	209312	52.853	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	31418	48.993	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	144760	54.190	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	113126	55.807	ug/L	98
69) Naphthalene	13.55	128	278876	48.317	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	114941	55.143	ug/L	96

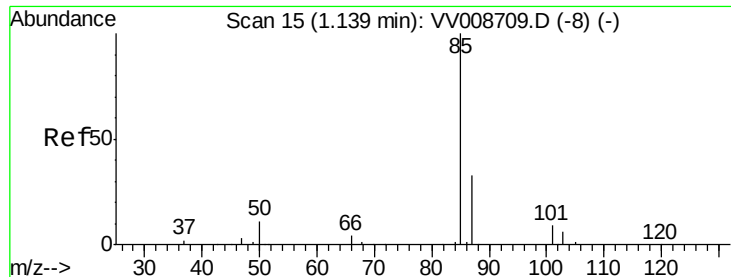
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV008726.D
Acq On : 27 Nov 2018 10:35
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

Quant Time: Nov 28 02:07:36 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM112018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 27 03:11:05 2018
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 49.720 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

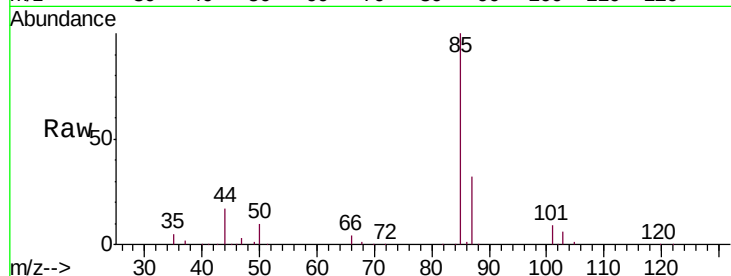
VSTD05080

Tgt Ion: 85 Resp: 108145

Ion Ratio Lower Upper

85 100

87 32.5 24.8 37.2



Abundance Ion 85.00 (84.70 to 85.70): VV008709.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008709.D (-8) (-)

120000

100000

80000

60000

40000

20000

0

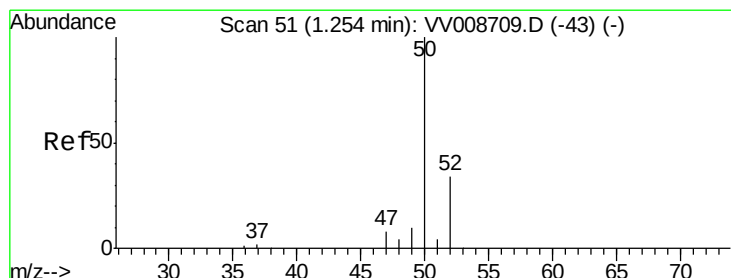
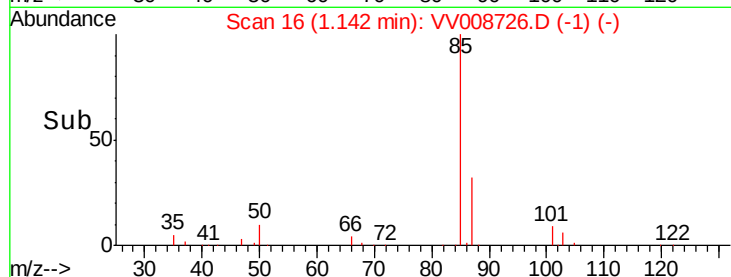
1.14

1.15

1.20

1.25

Time-->



#3

Chloromethane

Concen: 45.858 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV008726.D

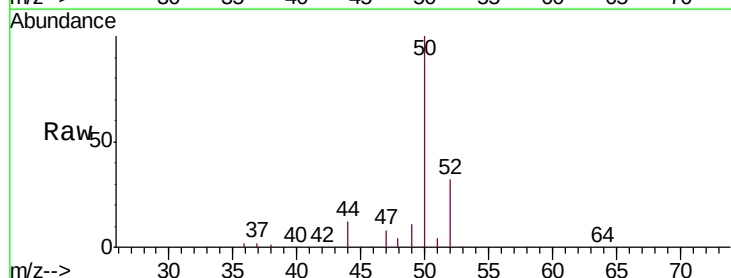
Acq: 27 Nov 2018 10:35

Tgt Ion: 50 Resp: 96612

Ion Ratio Lower Upper

50 100

52 31.8 24.1 44.7



Abundance Ion 50.00 (49.70 to 50.70): VV008709.D (-43) (-)

Ion 52.00 (51.70 to 52.70): VV008709.D (-43) (-)

100000

80000

60000

40000

20000

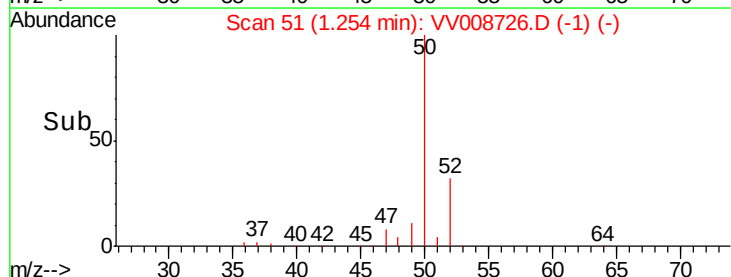
0

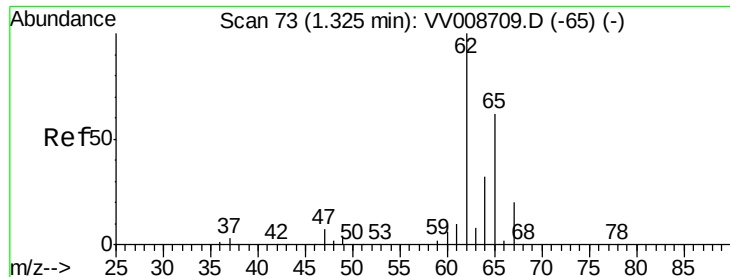
1.25

1.20

1.30

Time-->





#5

Vinyl chloride

Concen: 47.826 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

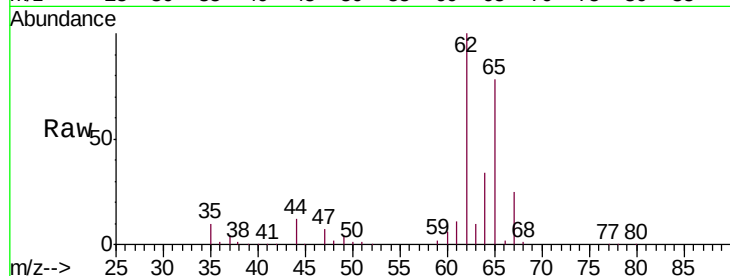
VSTD05080

Tgt Ion: 62 Resp: 97824

Ion Ratio Lower Upper

62 100

64 34.0 23.7 44.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.33

100000

80000

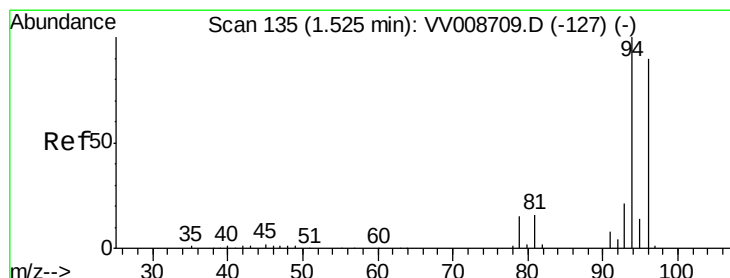
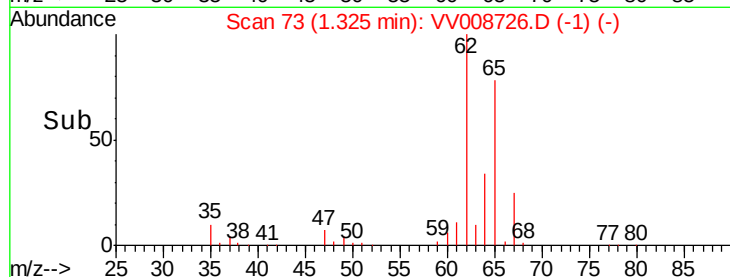
60000

40000

20000

0

Time-->



#6

Bromomethane

Concen: 53.614 ug/L

RT: 1.52 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV008726.D

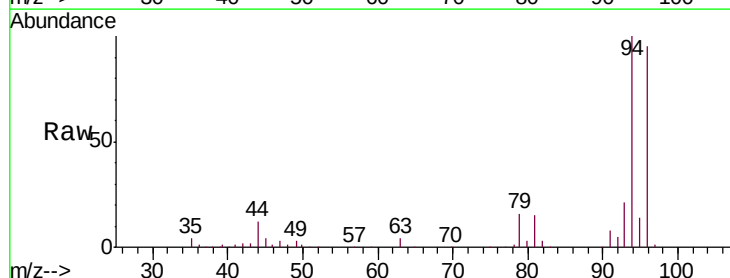
Acq: 27 Nov 2018 10:35

Tgt Ion: 94 Resp: 36998

Ion Ratio Lower Upper

94 100

96 94.7 66.6 123.8



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

1.52

40000

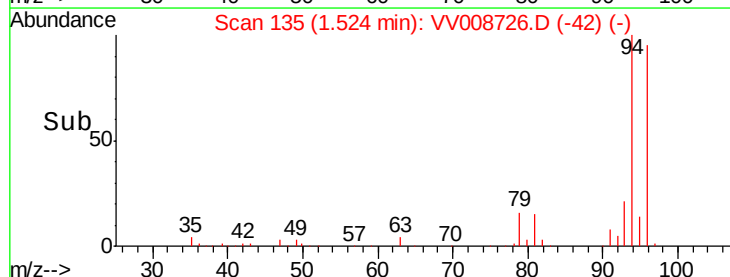
30000

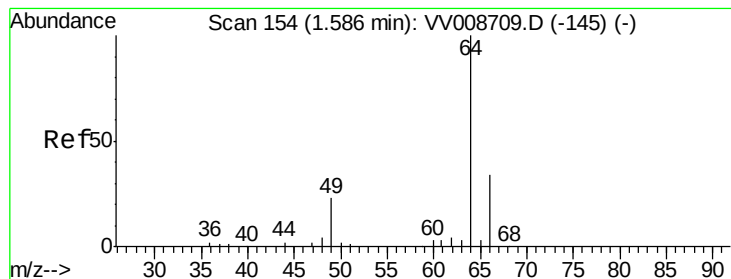
20000

10000

0

Time-->





#8

Chloroethane

Concen: 52.233 ug/L

RT: 1.59 min Scan# 155

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

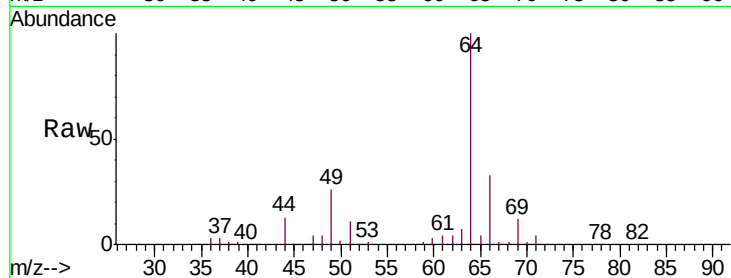
VSTD05080

Tgt Ion: 64 Resp: 53514

Ion Ratio Lower Upper

64 100

66 32.8 21.0 39.0

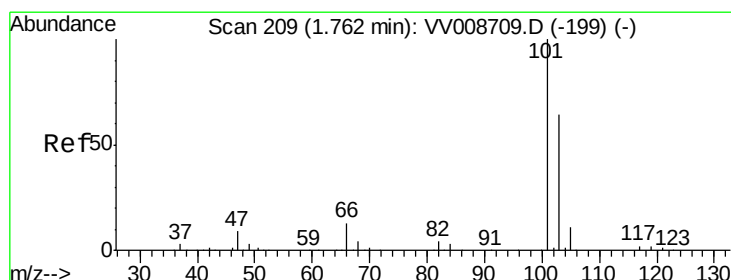
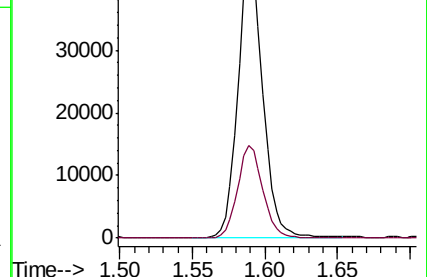
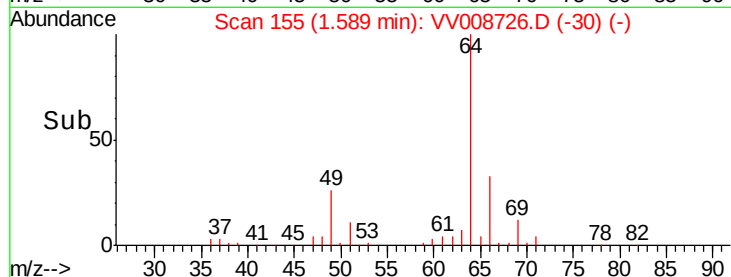


Abundance Ion 64.00 (63.70 to 64.70): VV008709.D (-145) (-)

Ion 66.00 (65.70 to 66.70): VV008709.D (-145) (-)

1.59

Time-->



#9

Trichlorofluoromethane

Concen: 54.296 ug/L

RT: 1.77 min Scan# 210

Delta R.T. 0.00 min

Lab File: VV008726.D

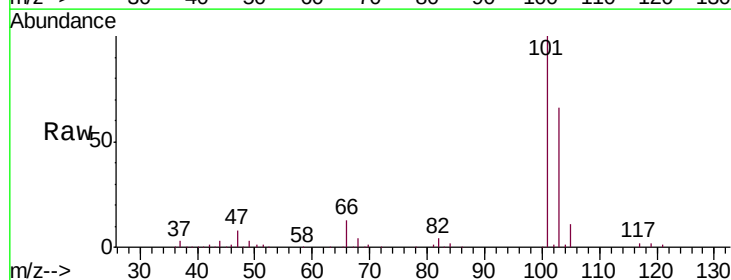
Acq: 27 Nov 2018 10:35

Tgt Ion: 101 Resp: 142898

Ion Ratio Lower Upper

101 100

103 65.3 50.2 75.4

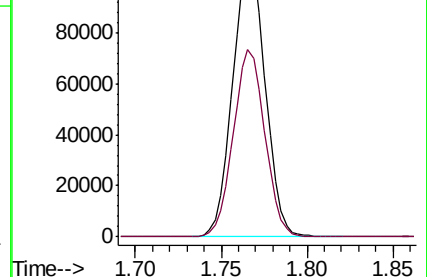
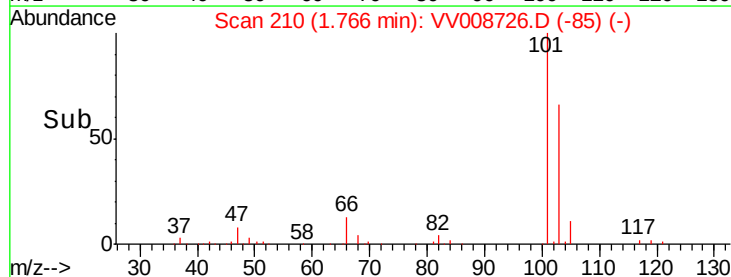


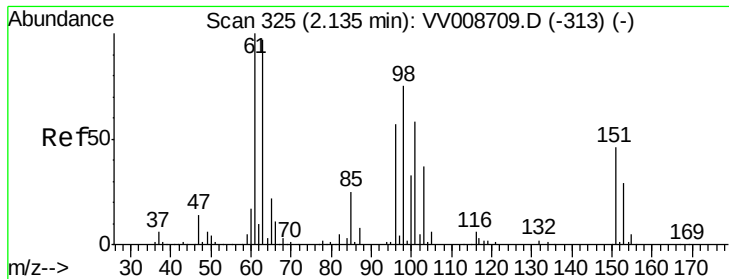
Abundance Ion 101.00 (100.70 to 101.70): VV008709.D (-199) (-)

Ion 103.00 (102.70 to 103.70): VV008709.D (-199) (-)

1.77

Time-->





#10

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

Concen: 54.487 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05080

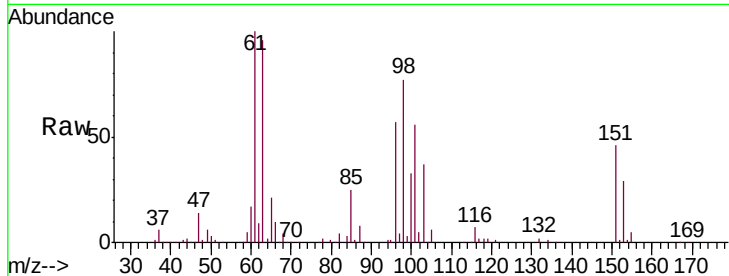
Tgt Ion:101 Resp: 82777

Ion Ratio Lower Upper

101 100

85 42.7 37.0 55.6

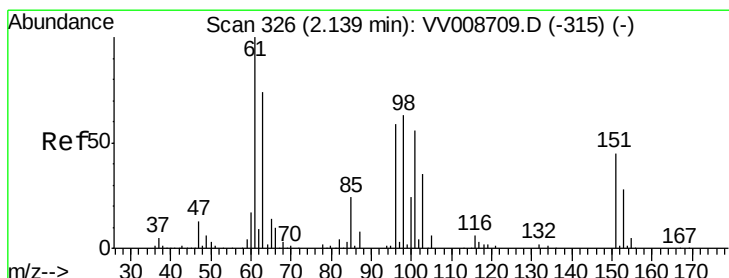
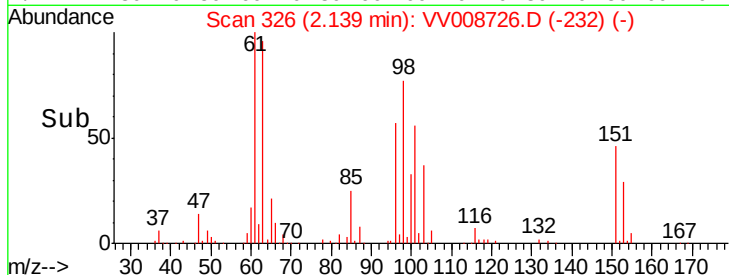
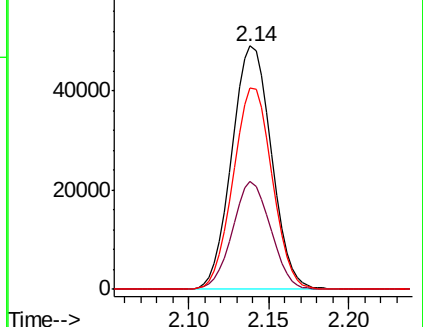
151 81.2 63.8 95.8



Abundance Ion 101.00 (100.70 to 101.70): VV008726.D (-232) (-)

Ion 85.00 (84.70 to 85.70): VV008726.D (-232) (-)

Ion 151.00 (150.70 to 151.70): VV008726.D (-232) (-)



#12

1,1-Dichloroethene

Concen: 53.735 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

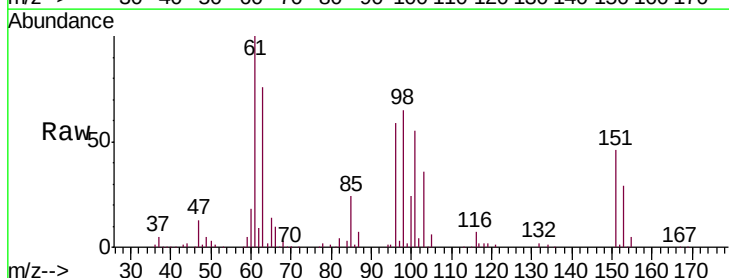
Tgt Ion: 96 Resp: 73273

Ion Ratio Lower Upper

96 100

61 169.5 120.3 223.3

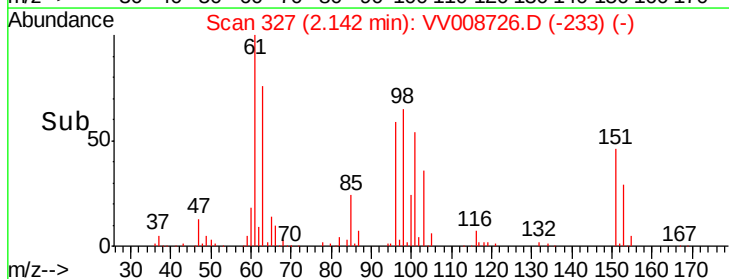
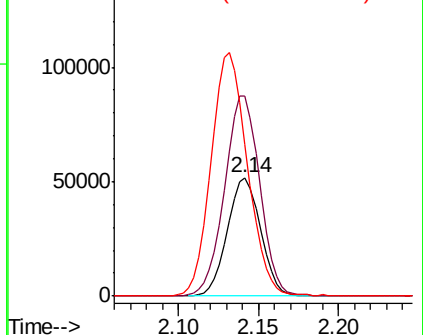
63 128.5 113.3 210.5

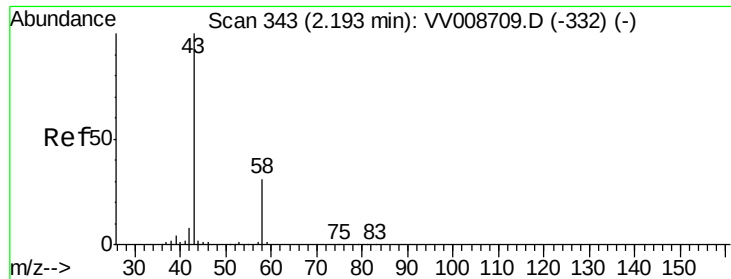


Abundance Ion 96.00 (95.70 to 96.70): VV008726.D (-233) (-)

Ion 61.00 (60.70 to 61.70): VV008726.D (-233) (-)

Ion 63.00 (62.70 to 63.70): VV008726.D (-233) (-)





#13

Acetone

Concen: 107.744 ug/L

RT: 2.20 min Scan# 344

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

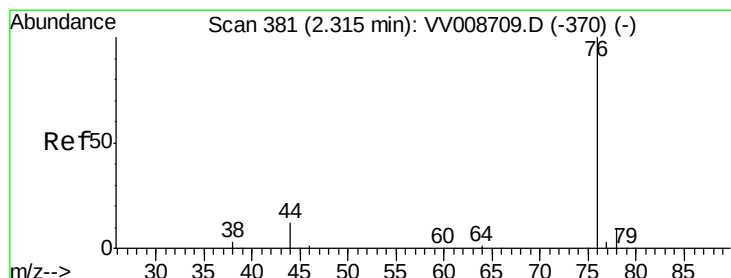
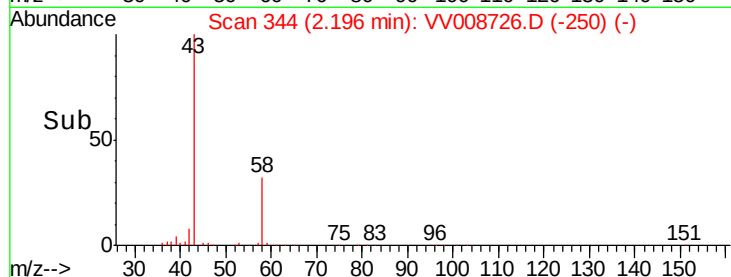
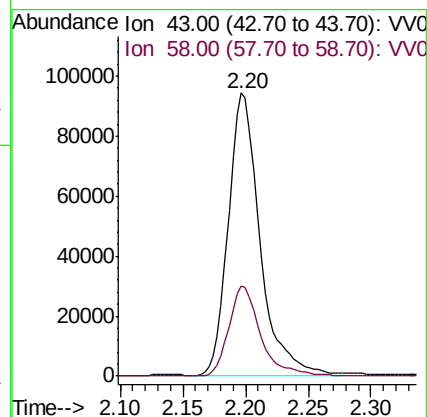
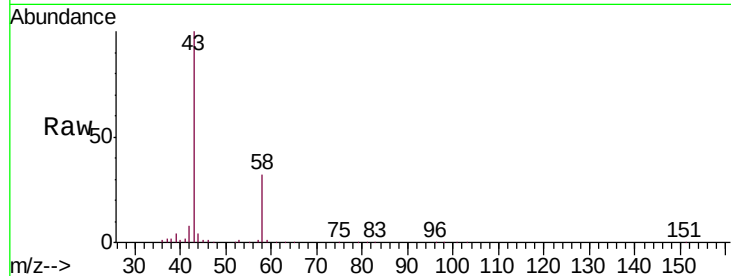
VSTD05080

Tgt Ion: 43 Resp: 164638

Ion Ratio Lower Upper

43 100

58 32.1 0.0 62.8



#14

Carbon disulfide

Concen: 49.535 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV008726.D

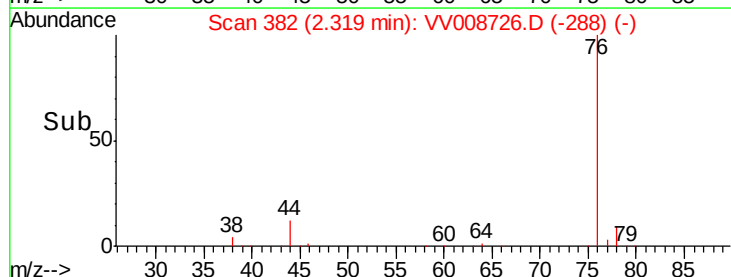
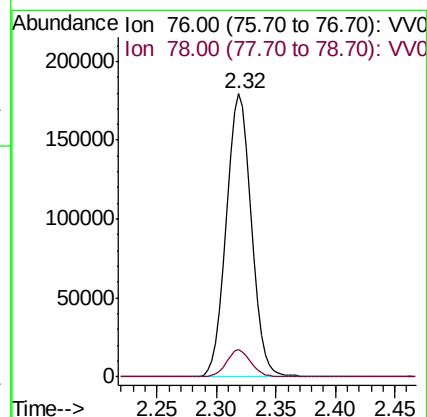
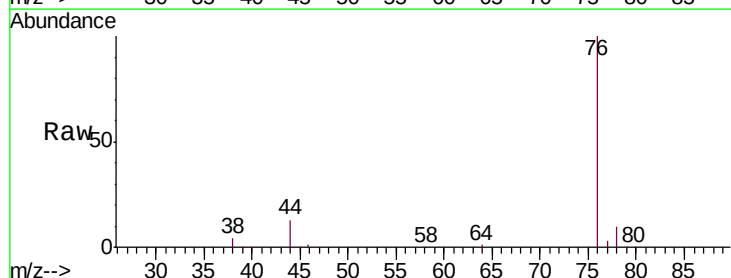
Acq: 27 Nov 2018 10:35

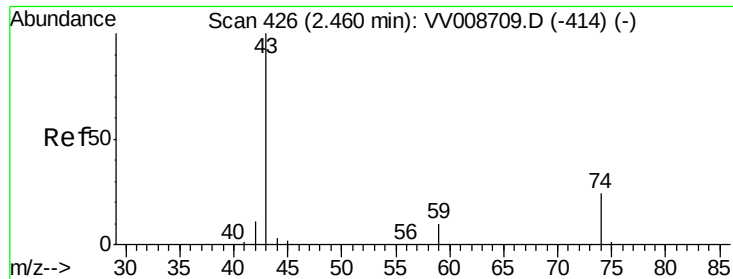
Tgt Ion: 76 Resp: 263031

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2





#15

Methyl Acetate

Concen: 47.665 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

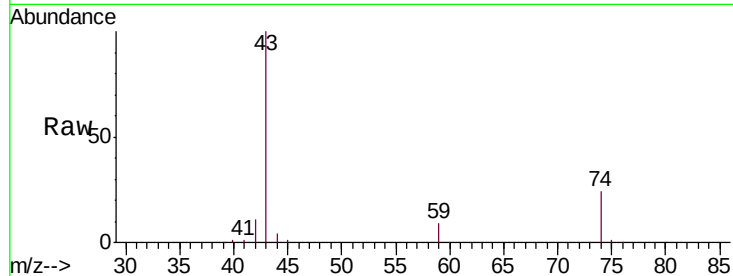
VSTD05080

Tgt Ion: 43 Resp: 114847

Ion Ratio Lower Upper

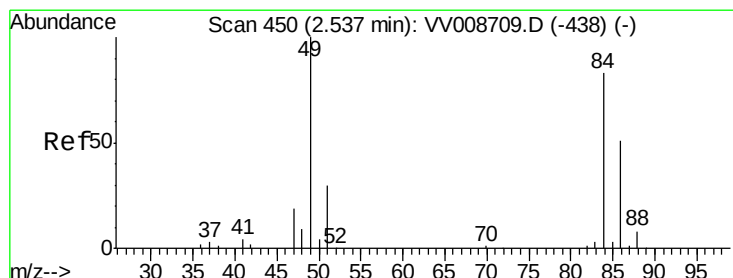
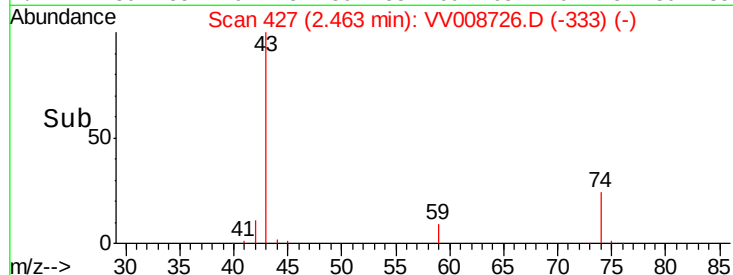
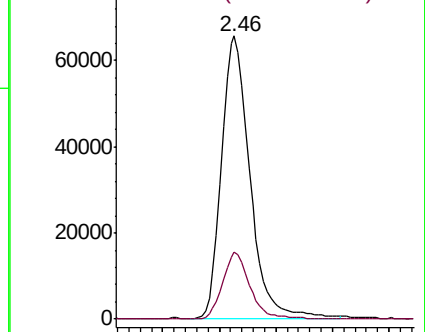
43 100

74 23.0 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VV008709.D (-414) (-)

Ion 74.00 (73.70 to 74.70): VV008709.D (-414) (-)



#16

Methylene chloride

Concen: 50.455 ug/L

RT: 2.54 min Scan# 450

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

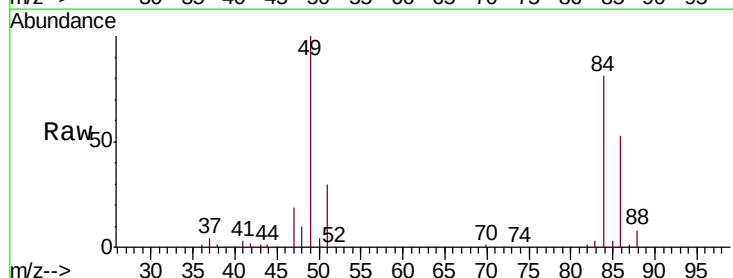
Tgt Ion: 84 Resp: 106564

Ion Ratio Lower Upper

84 100

86 64.7 50.6 94.0

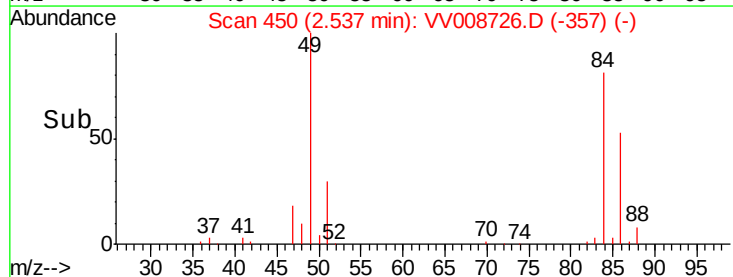
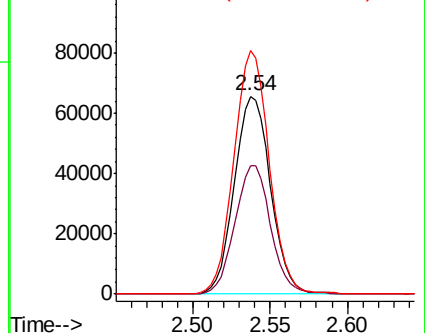
49 122.9 86.5 160.7

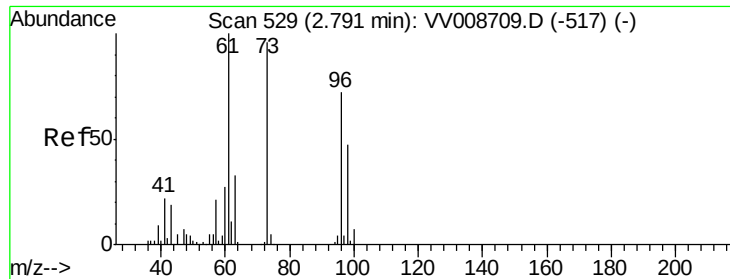


Abundance Ion 84.00 (83.70 to 84.70): VV008709.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV008709.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV008709.D (-438) (-)

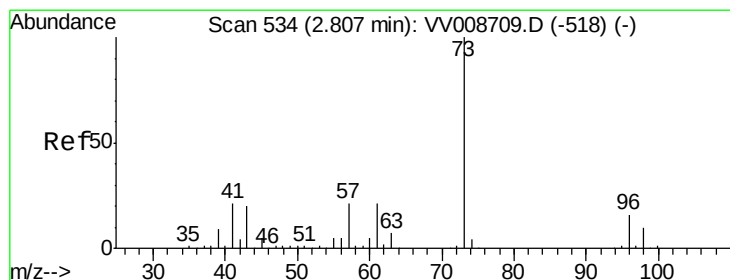
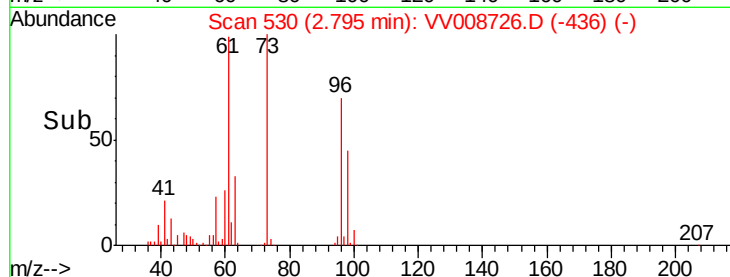
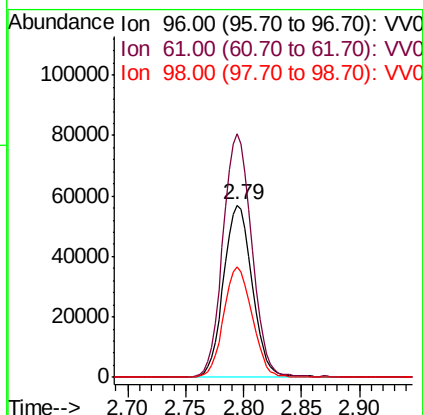
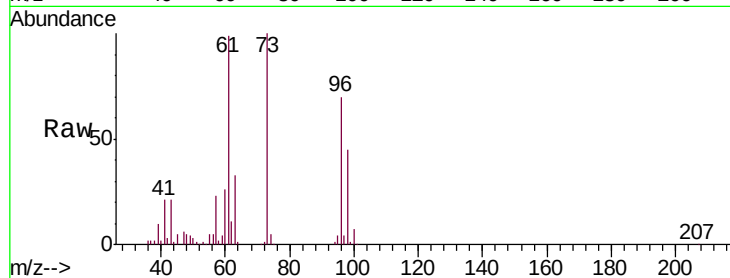




#17
trans-1,2-Dichloroethene
Concen: 51.791 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV008726.D
Acq: 27 Nov 2018 10:35

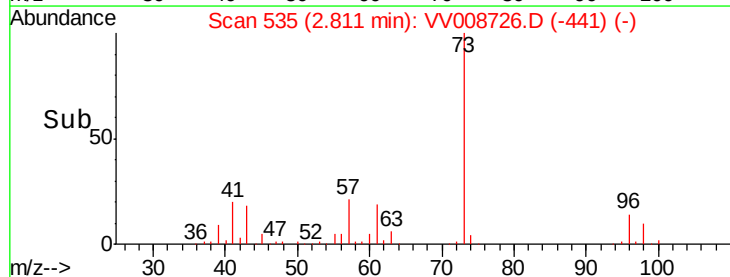
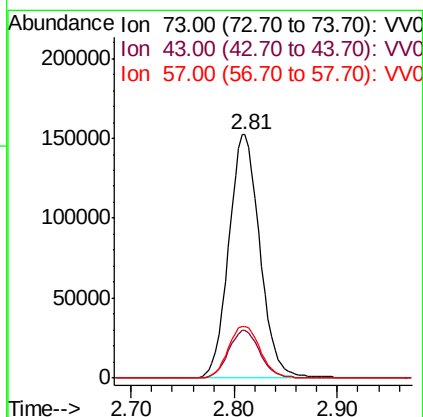
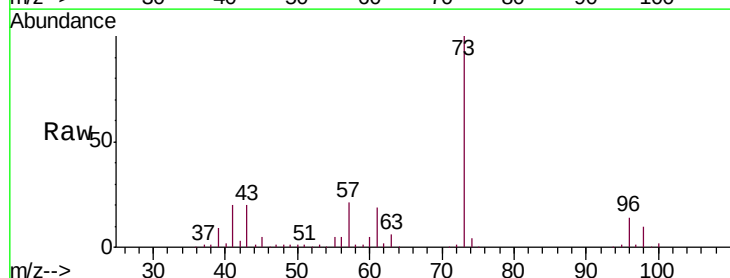
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

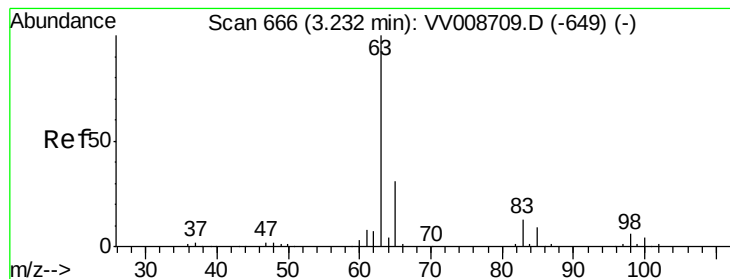
Tgt Ion: 96 Resp: 97953
Ion Ratio Lower Upper
96 100
61 141.1 100.4 186.4
98 64.0 39.5 73.3



#18
Methyl tert-butyl Ether
Concen: 50.914 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV008726.D
Acq: 27 Nov 2018 10:35

Tgt Ion: 73 Resp: 319806
Ion Ratio Lower Upper
73 100
43 19.5 16.5 24.7
57 22.1 17.7 26.5





#19

1,1-Dichloroethane

Concen: 51.684 ug/L

RT: 3.23 min Scan# 667

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05080

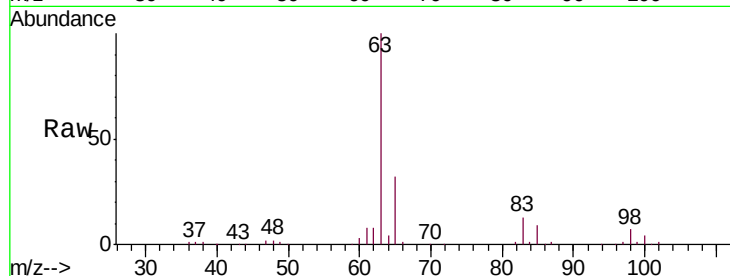
Tgt Ion: 63 Resp: 187525

Ion Ratio Lower Upper

63 100

65 31.9 20.9 38.9

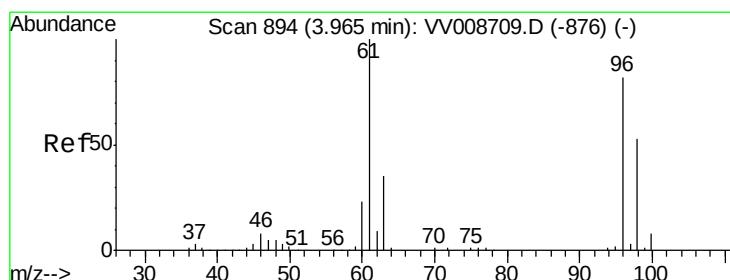
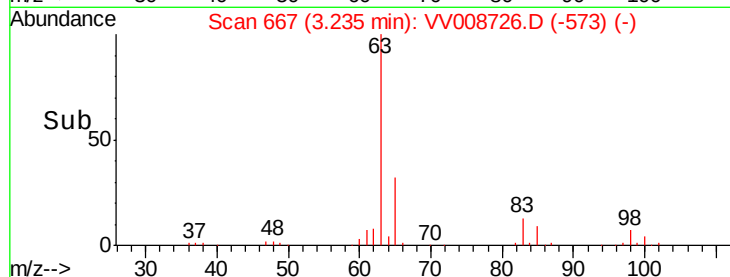
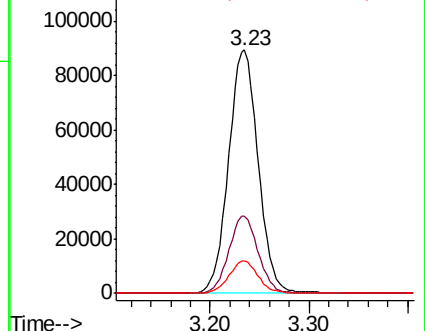
83 13.3 9.9 18.5



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 65.00 (64.70 to 65.70): VV0

Ion 83.00 (82.70 to 83.70): VV0



#20

cis-1,2-Dichloroethene

Concen: 52.040 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

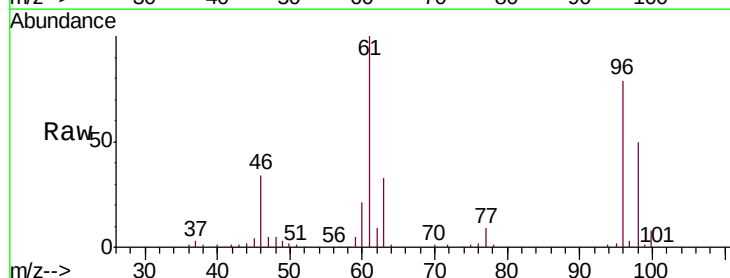
Tgt Ion: 96 Resp: 112540

Ion Ratio Lower Upper

96 100

61 126.8 78.8 146.3

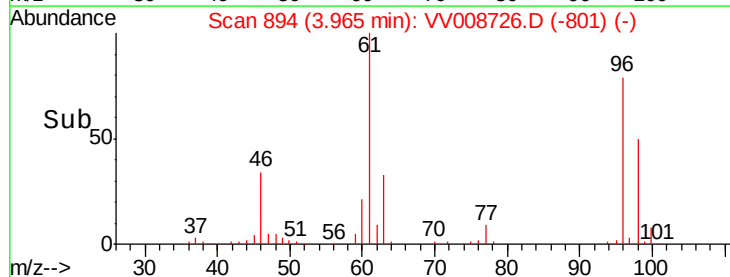
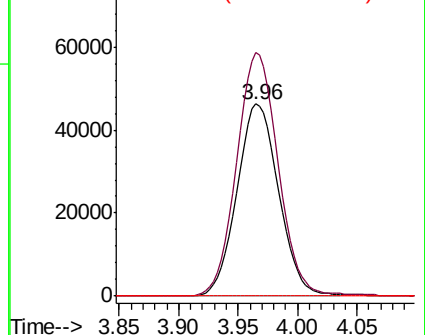
68 0.0 0.0 0.0

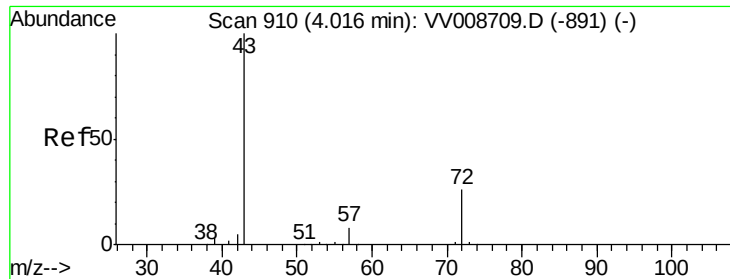


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 68.00 (67.70 to 68.70): VV0





#22

2-Butanone

Concen: 100.958 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.01 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

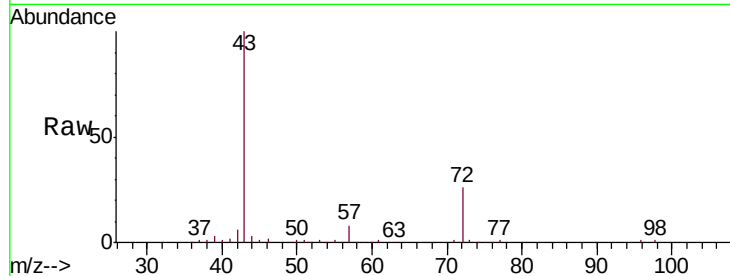
VSTD05080

Tgt Ion: 43 Resp: 195346

Ion Ratio Lower Upper

43 100

72 25.9 11.6 34.8



Abundance Ion 43.00 (42.70 to 43.70): VV008726.D (-817) (-)

Ion 72.00 (71.70 to 72.70): VV008726.D (-817) (-)

4.02

80000

60000

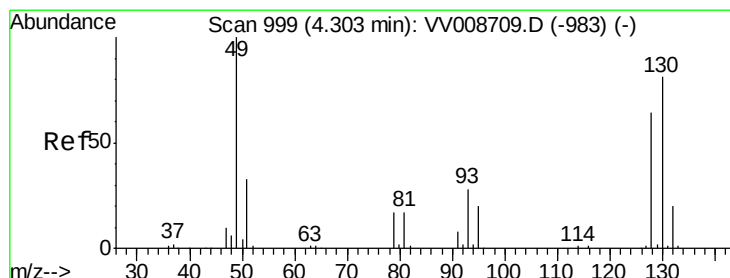
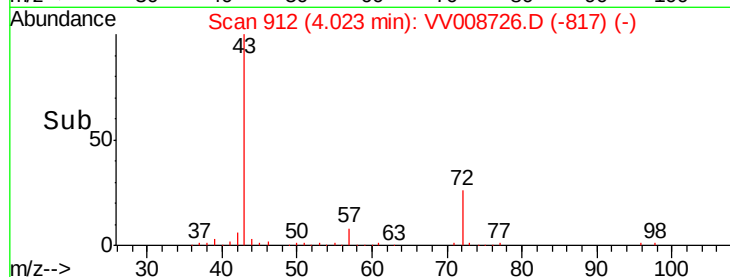
40000

20000

0

Time-->

3.90 4.00 4.10 4.20



#23

Bromochloromethane

Concen: 53.121 ug/L

RT: 4.30 min Scan# 999

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Tgt Ion: 128 Resp: 55323

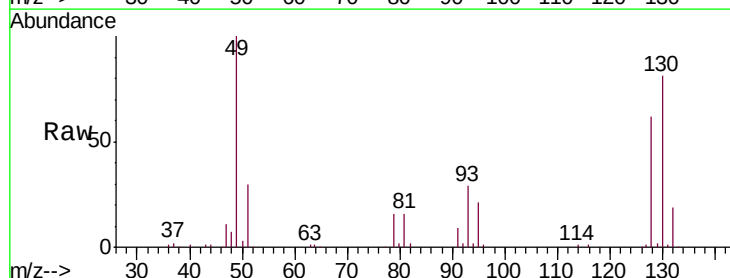
Ion Ratio Lower Upper

128 100

49 162.3 97.0 180.2

130 131.9 81.0 150.4

51 49.4 36.8 55.2



Abundance Ion 128.00 (127.70 to 128.70): VV008726.D (-906) (-)

Ion 49.00 (48.70 to 49.70): VV008726.D (-906) (-)

Ion 130.00 (129.70 to 130.70): VV008726.D (-906) (-)

Ion 51.00 (50.70 to 51.70): VV008726.D (-906) (-)

4.30

50000

40000

30000

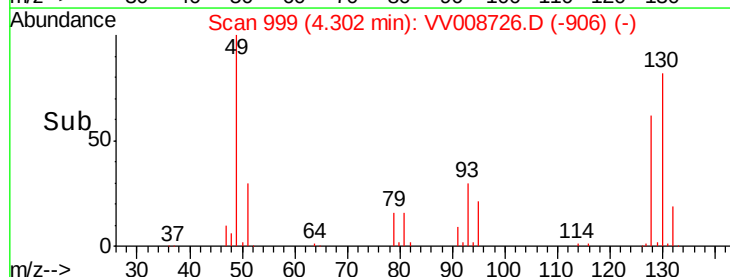
20000

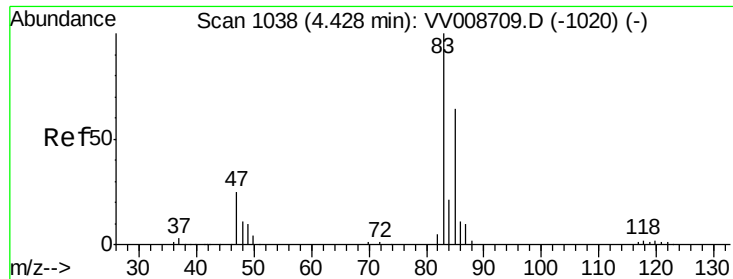
10000

0

Time-->

4.20 4.25 4.30 4.35 4.40

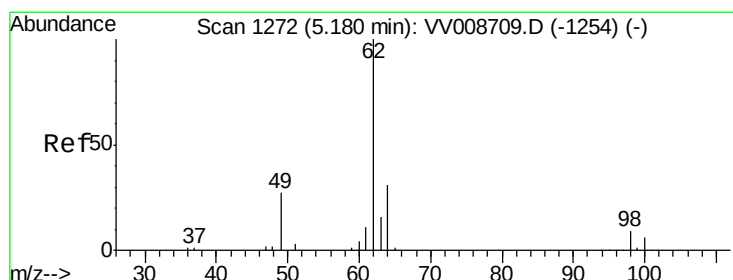
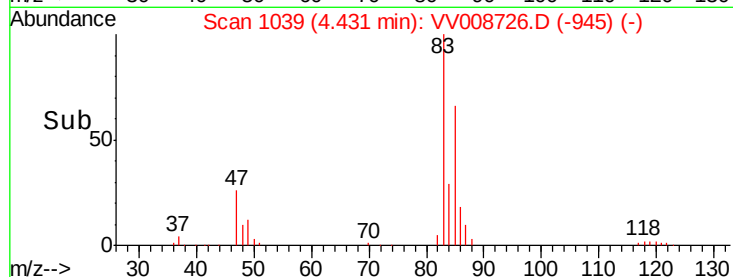
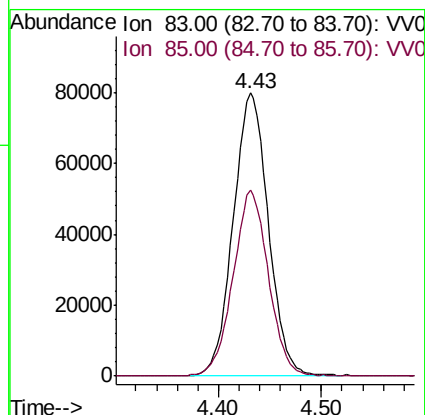
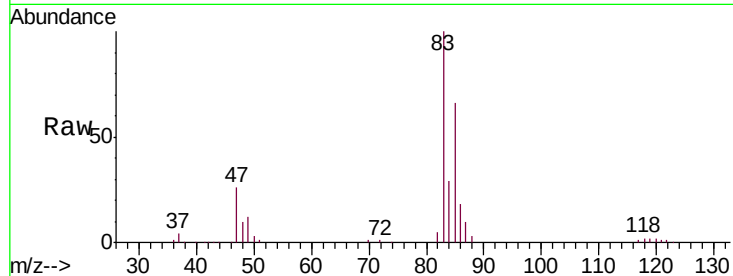




#25
Chloroform
Concen: 50.226 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.00 min
Lab File: VV008726.D
Acq: 27 Nov 2018 10:35

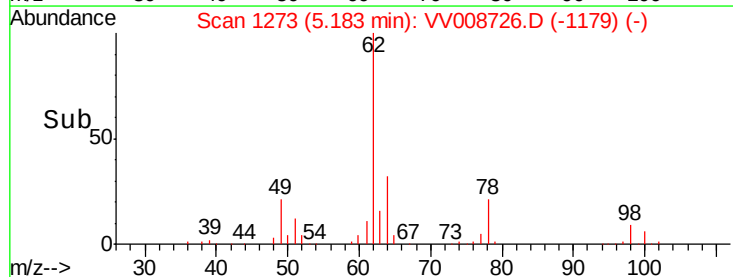
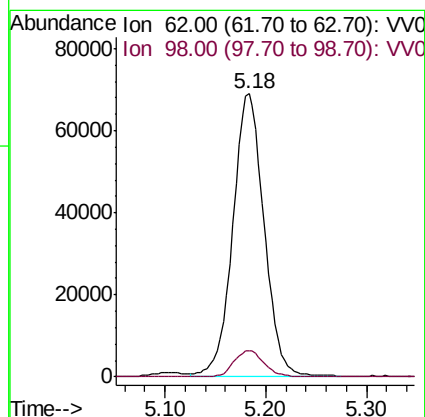
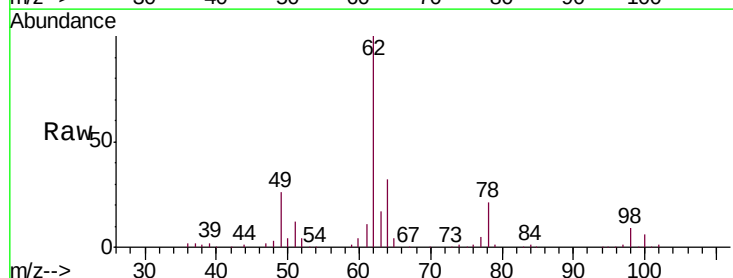
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

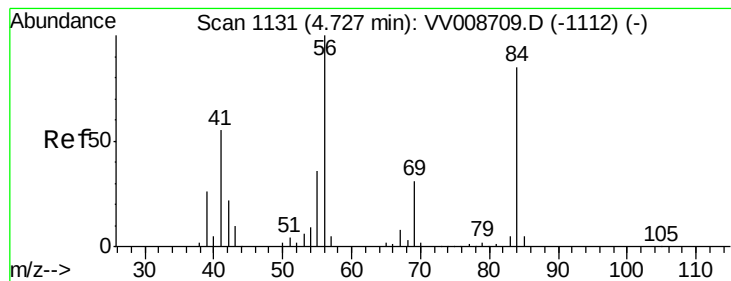
Tgt Ion: 83 Resp: 189679
Ion Ratio Lower Upper
83 100
85 65.9 42.8 79.4



#27
1,2-Dichloroethane
Concen: 51.049 ug/L
RT: 5.18 min Scan# 1273
Delta R.T. 0.00 min
Lab File: VV008726.D
Acq: 27 Nov 2018 10:35

Tgt Ion: 62 Resp: 149349
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.2





#29

Cyclohexane

Concen: 52.271 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05080

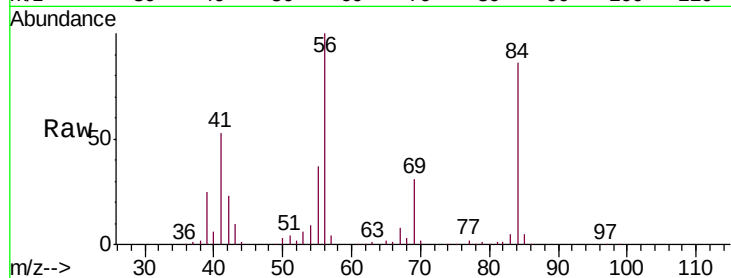
Tgt Ion: 56 Resp: 172014

Ion Ratio Lower Upper

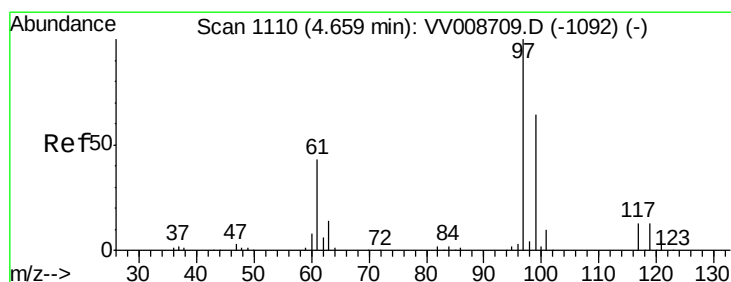
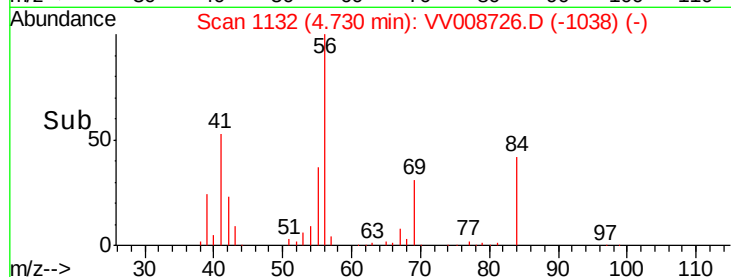
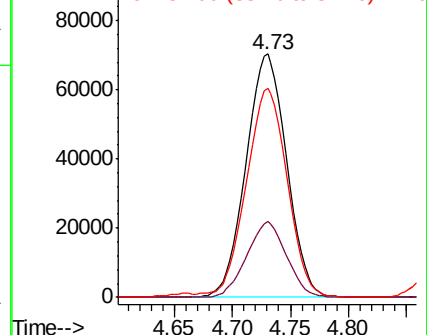
56 100

69 30.4 0.0 0.0#

84 86.4 0.0 0.0#



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



#30

1,1,1-Trichloroethane

Concen: 55.634 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

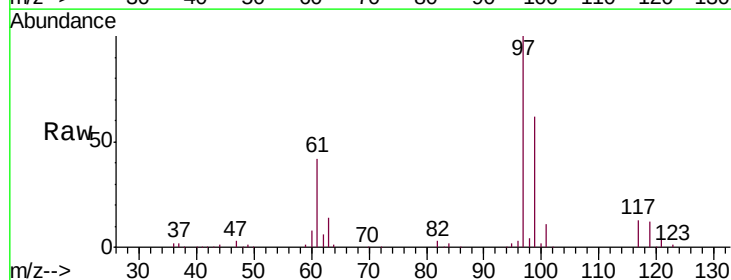
Tgt Ion: 97 Resp: 167002

Ion Ratio Lower Upper

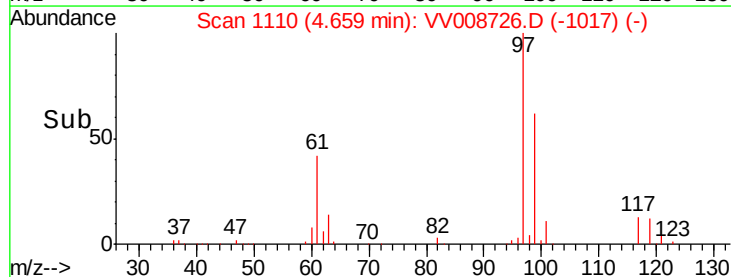
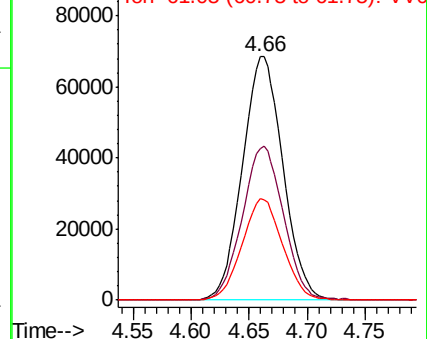
97 100

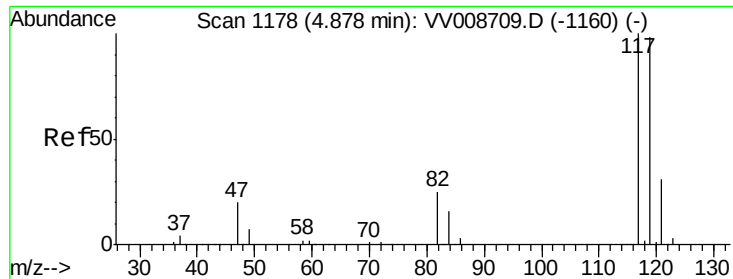
99 63.9 53.0 79.6

61 41.5 37.4 56.2



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





#31

Carbon tetrachloride

Concen: 57.824 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

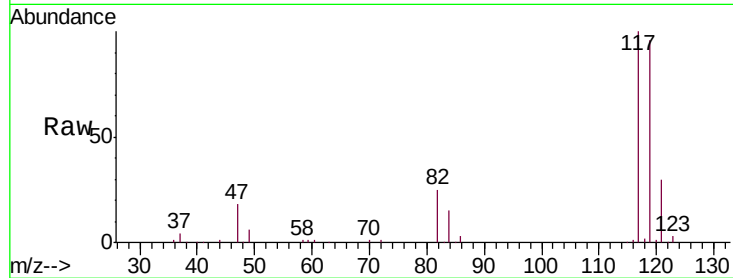
VSTD05080

Tgt Ion:117 Resp: 144348

Ion Ratio Lower Upper

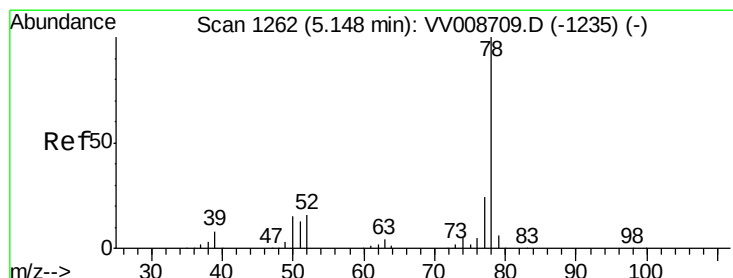
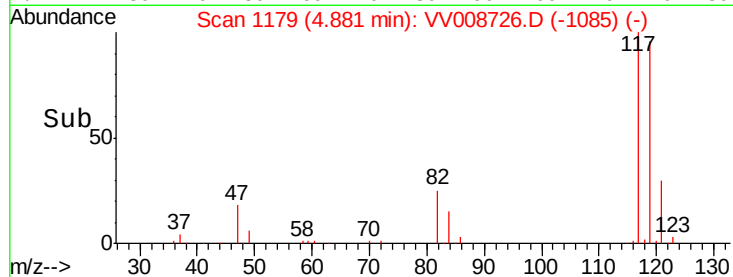
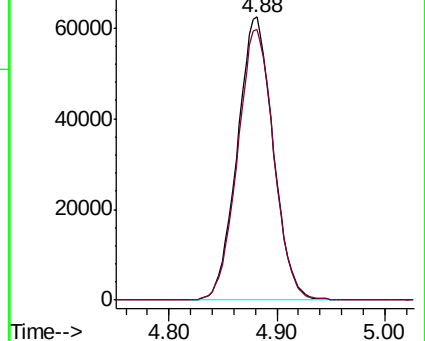
117 100

119 96.6 75.6 113.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 53.673 ug/L

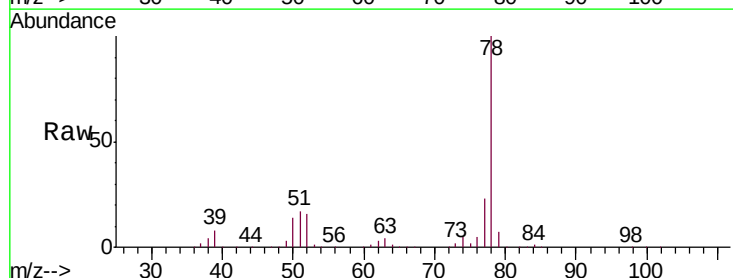
RT: 5.15 min Scan# 1263

Delta R.T. 0.00 min

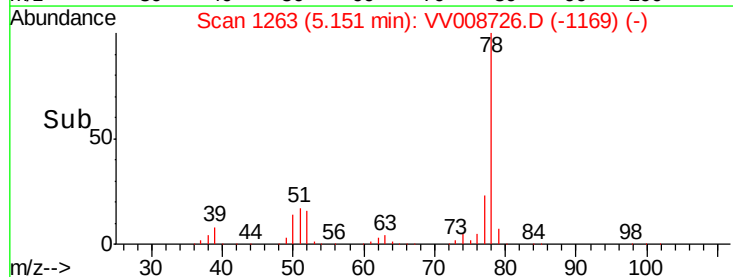
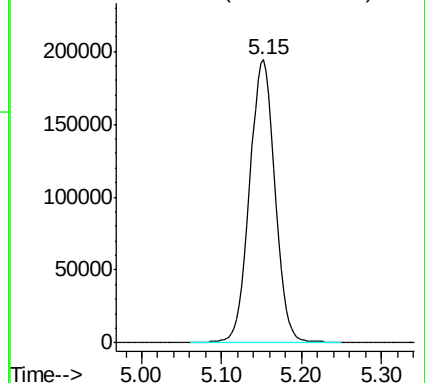
Lab File: VV008726.D

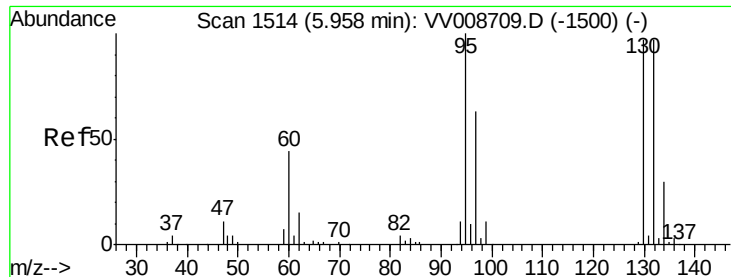
Acq: 27 Nov 2018 10:35

Tgt Ion: 78 Resp: 419178



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 52.840 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampled :

VSTD05080

Tgt Ion: 95 Resp: 109364

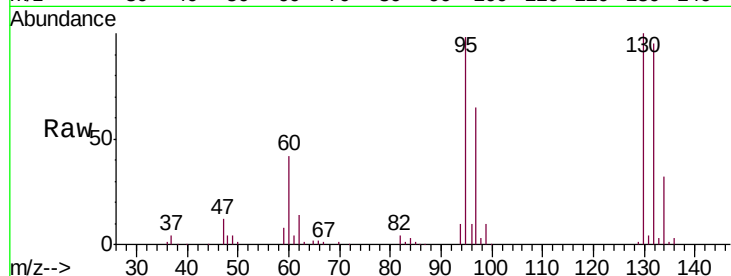
Ion Ratio Lower Upper

95 100

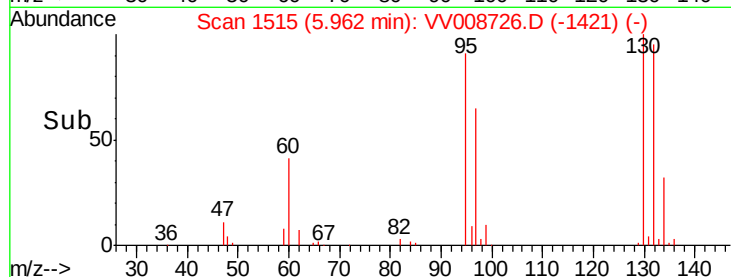
97 66.4 43.8 81.3

132 97.1 58.3 108.3

130 102.2 60.3 112.1



Abundance Ion 95.00 (94.70 to 95.70): VV008726.D (-1421) (-)

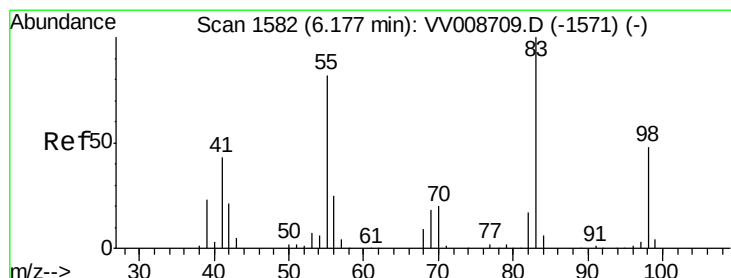
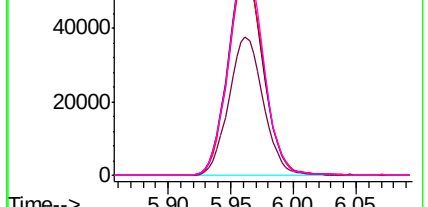


Ion 97.00 (96.70 to 97.70): VV008726.D (-1421) (-)

Ion 132.00 (131.70 to 132.70): VV008726.D (-1421) (-)

Ion 130.00 (129.70 to 130.70): VV008726.D (-1421) (-)

Time-->



#35

Methylcyclohexane

Concen: 54.155 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

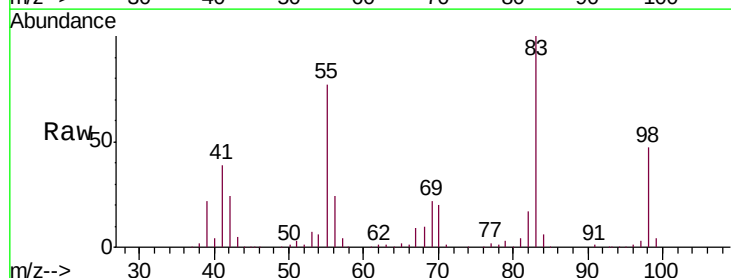
Tgt Ion: 83 Resp: 185078

Ion Ratio Lower Upper

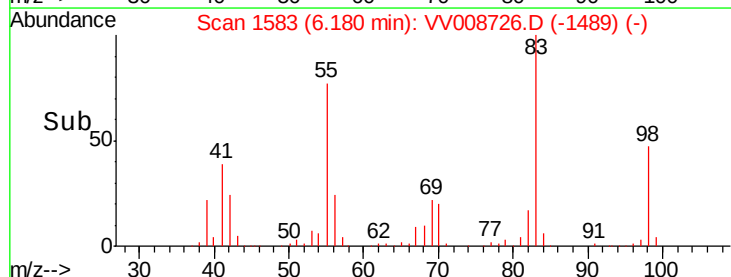
83 100

55 76.6 63.0 94.6

98 46.6 35.4 53.0



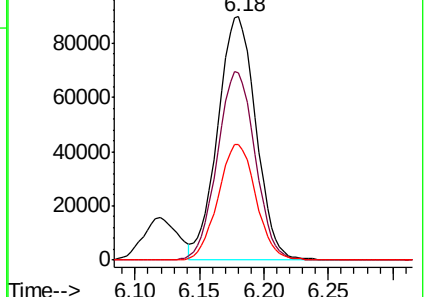
Abundance Ion 83.00 (82.70 to 83.70): VV008726.D (-1489) (-)

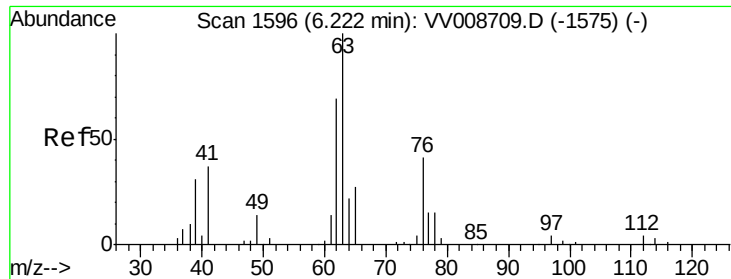


Ion 55.00 (54.70 to 55.70): VV008726.D (-1489) (-)

Ion 98.00 (97.70 to 98.70): VV008726.D (-1489) (-)

Time-->

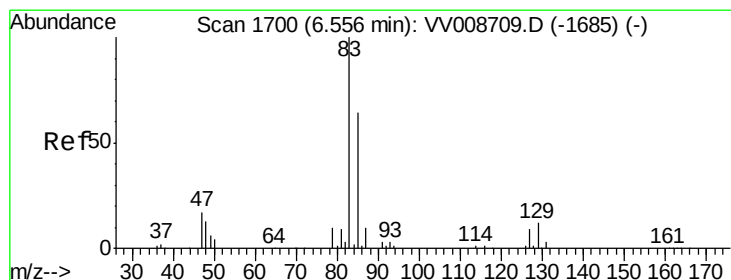
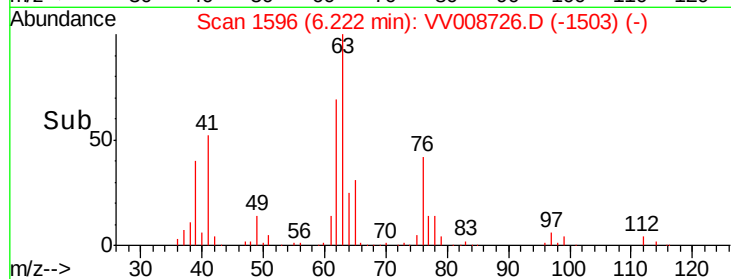
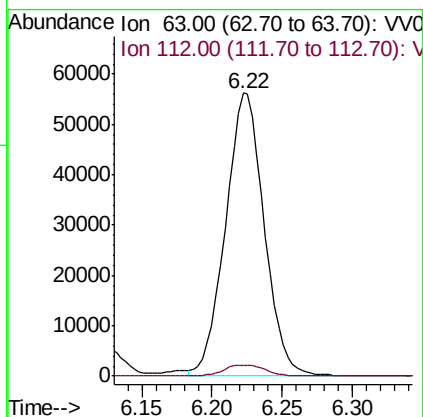
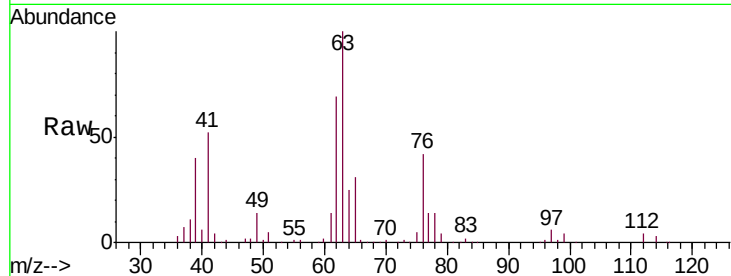




#37
 1,2-Dichloropropane
 Concen: 50.655 ug/L
 RT: 6.22 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

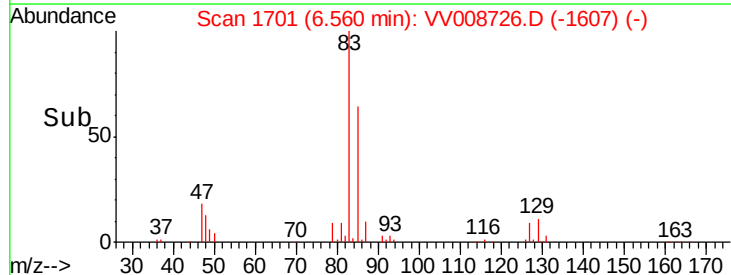
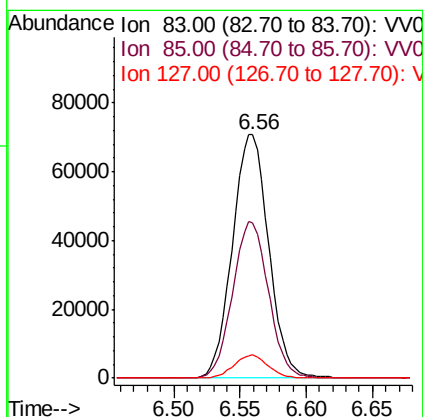
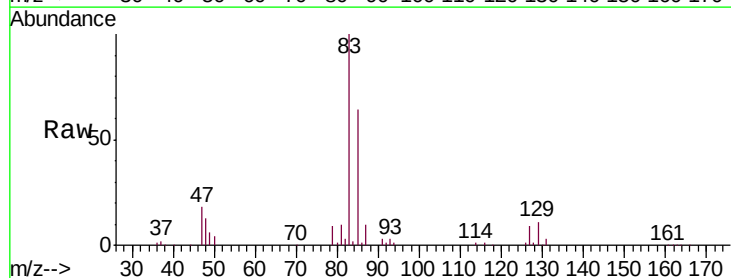
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

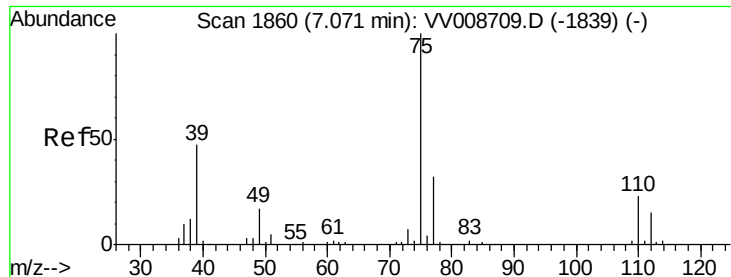
Tgt Ion: 63 Resp: 106856
 Ion Ratio Lower Upper
 63 100
 112 4.2 1.6 2.4#



#38
 Bromodichloromethane
 Concen: 53.263 ug/L
 RT: 6.56 min Scan# 1701
 Delta R.T. 0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

Tgt Ion: 83 Resp: 134644
 Ion Ratio Lower Upper
 83 100
 85 63.7 44.3 82.3
 127 9.4 6.8 10.2

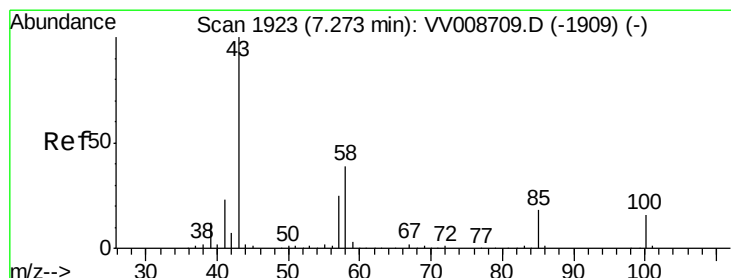
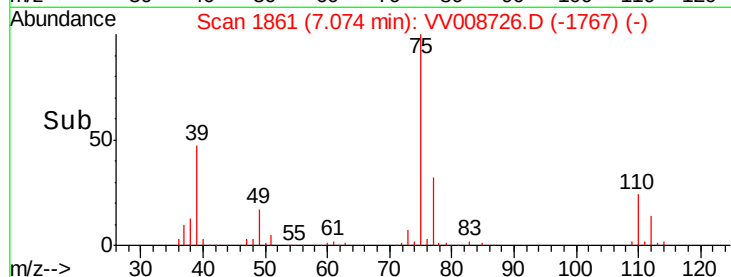
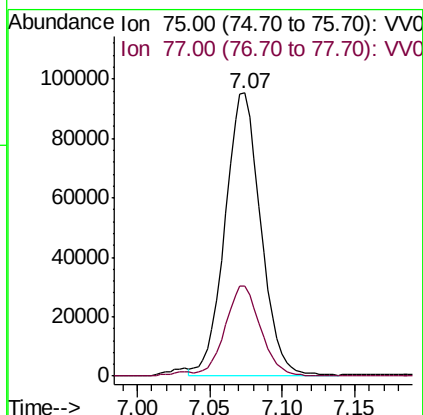
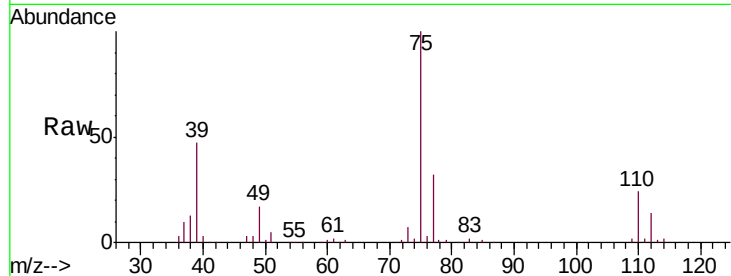




#39
 cis-1,3-Dichloropropene
 Concen: 54.230 ug/L
 RT: 7.07 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

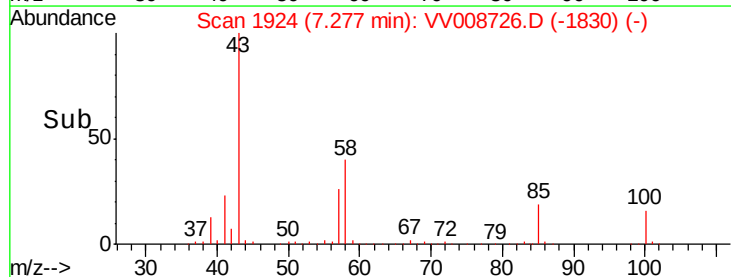
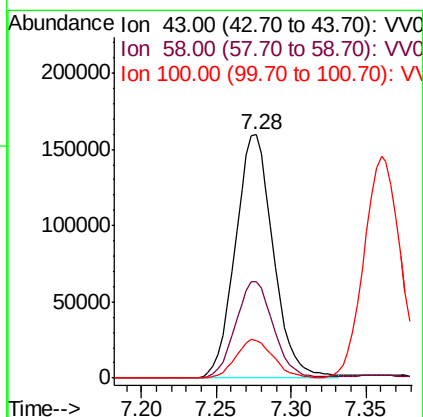
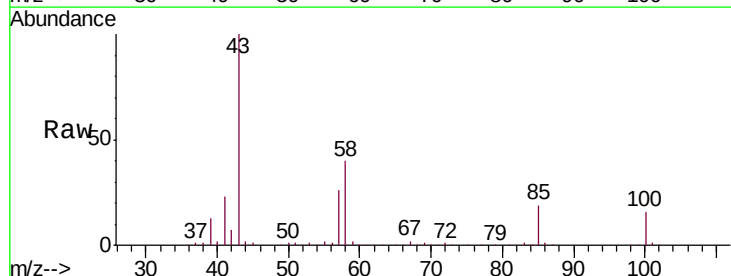
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

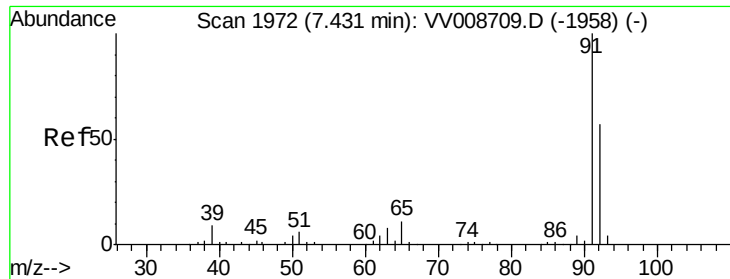
Tgt Ion: 75 Resp: 162587
 Ion Ratio Lower Upper
 75 100
 77 31.8 20.2 37.4



#40
 4-Methyl-2-pentanone
 Concen: 95.133 ug/L
 RT: 7.28 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

Tgt Ion: 43 Resp: 281824
 Ion Ratio Lower Upper
 43 100
 58 39.7 28.3 42.5
 100 15.8 10.4 15.6#





#42

Toluene

Concen: 53.762 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

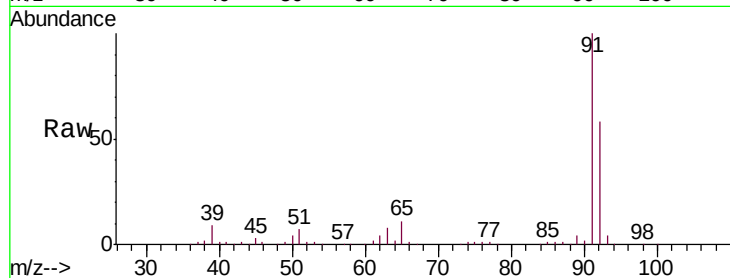
VSTD05080

Tgt Ion: 91 Resp: 436647

Ion Ratio Lower Upper

91 100

92 58.2 41.6 77.2



Abundance Ion 91.00 (90.70 to 91.70): VV008709.D (-1958) (-)

Ion 92.00 (91.70 to 92.70): VV008709.D (-1958) (-)

7.43

250000

200000

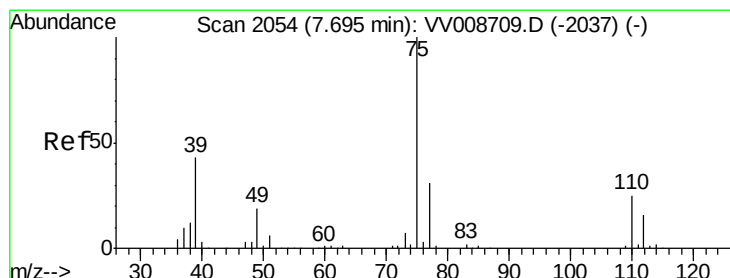
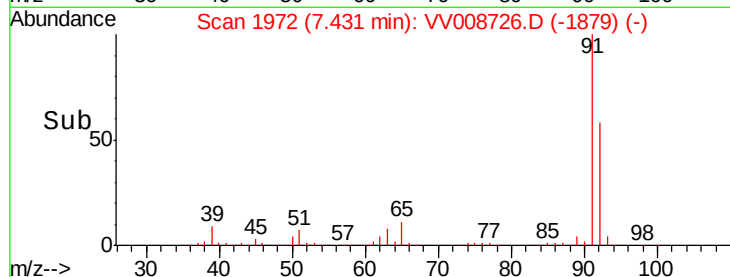
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 55.781 ug/L

RT: 7.69 min Scan# 2054

Delta R.T. -0.00 min

Lab File: VV008726.D

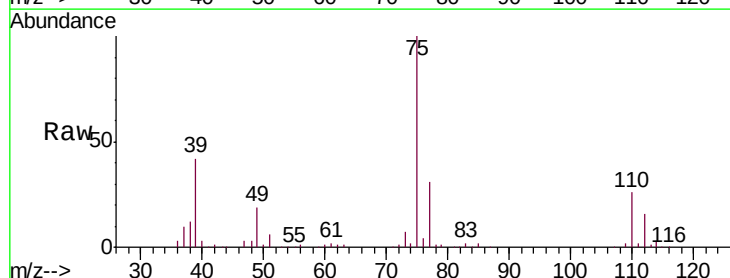
Acq: 27 Nov 2018 10:35

Tgt Ion: 75 Resp: 152131

Ion Ratio Lower Upper

75 100

77 31.2 24.6 45.8



Abundance Ion 75.00 (74.70 to 75.70): VV008709.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV008709.D (-2037) (-)

7.69

100000

80000

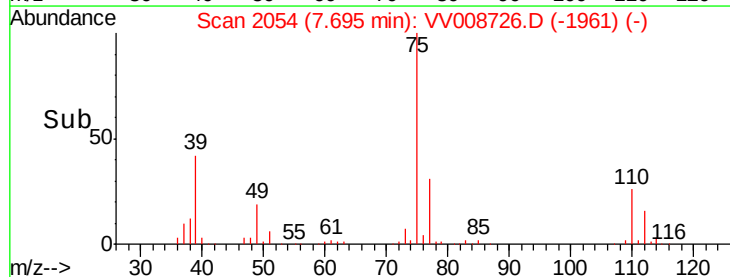
60000

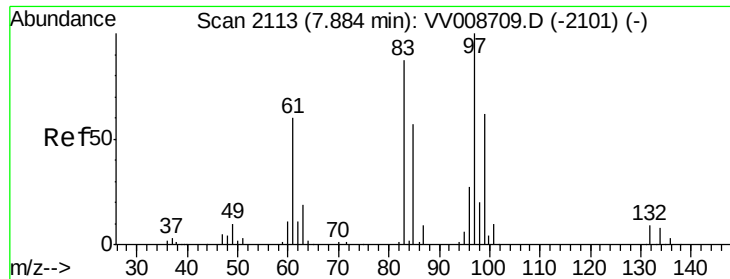
40000

20000

0

Time-->

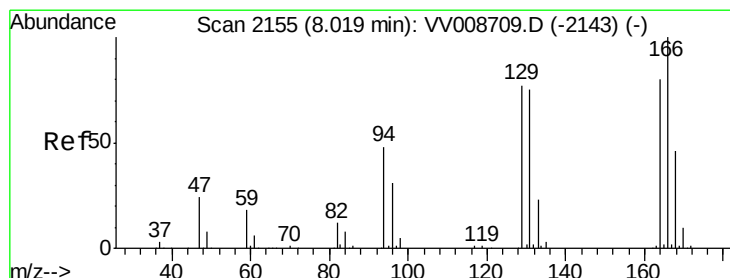
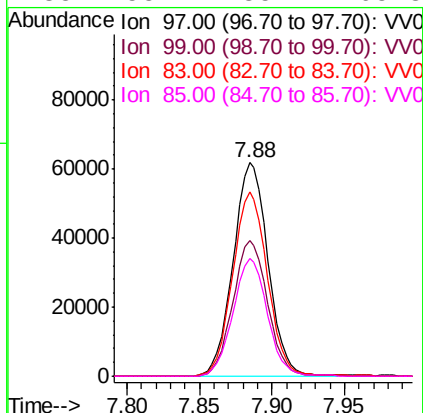
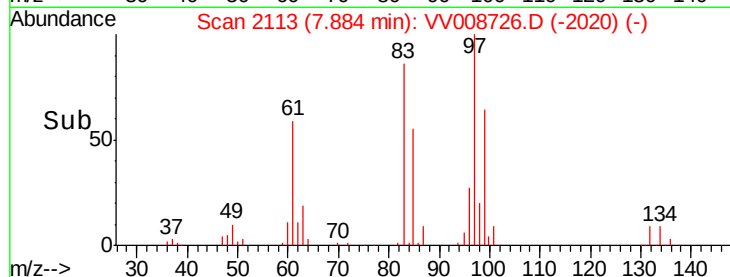
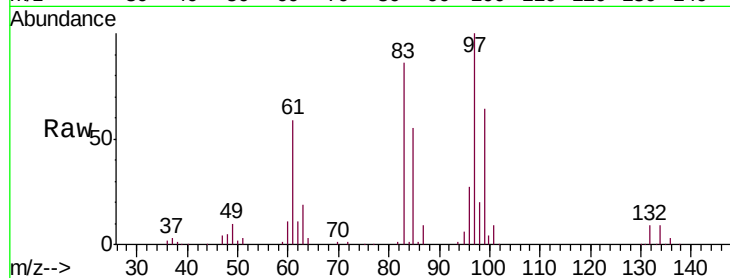




#45
 1,1,2-Trichloroethane
 Concen: 53.530 ug/L
 RT: 7.88 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

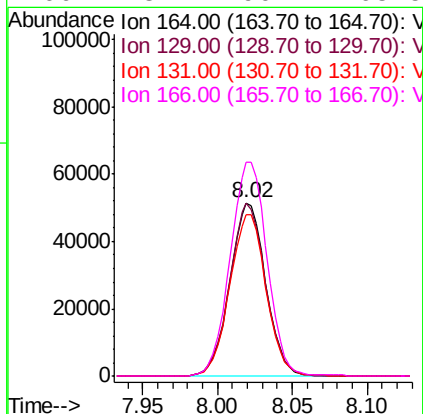
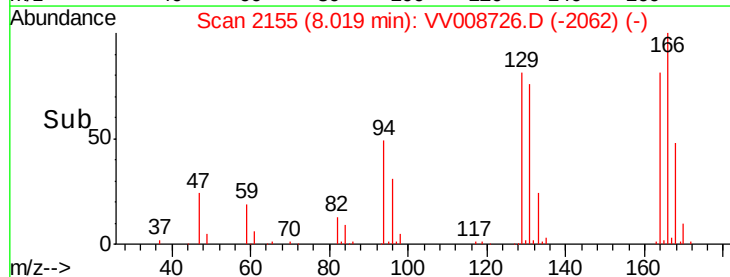
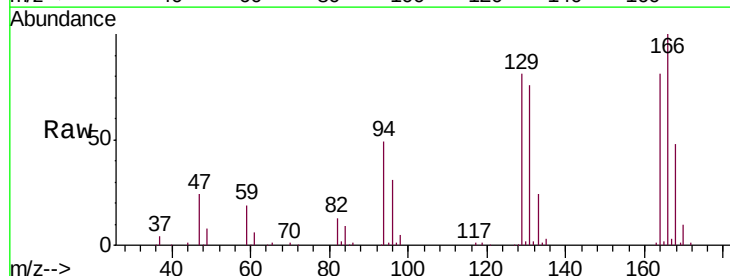
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

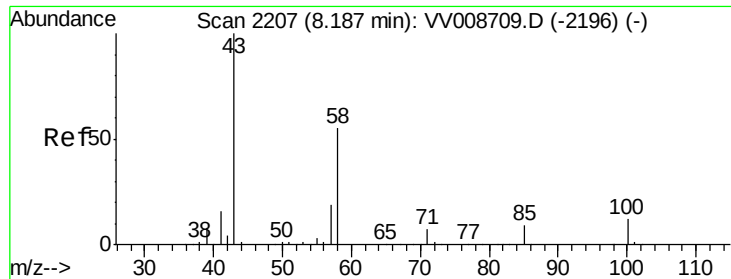
Tgt Ion:	97	Resp:	103048
Ion	Ratio	Lower	Upper
97	100		
99	63.6	40.0	74.2
83	86.1	56.6	105.0
85	55.1	35.1	65.3



#46
 Tetrachloroethene
 Concen: 57.173 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

Tgt Ion:	164	Resp:	85470
Ion	Ratio	Lower	Upper
164	100		
129	100.2	68.3	126.8
131	93.3	69.1	128.3
166	123.4	90.7	168.5

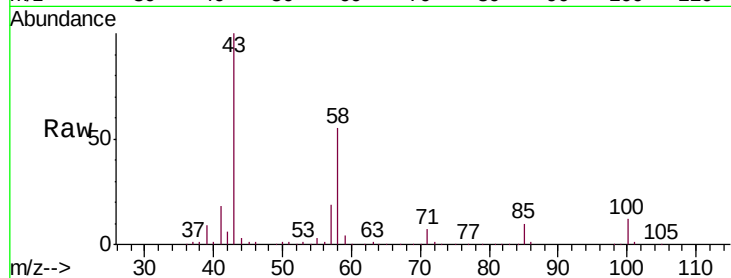




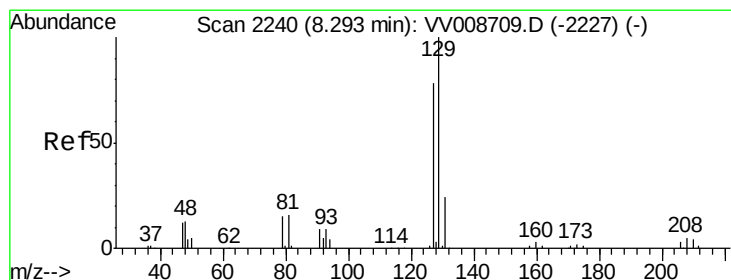
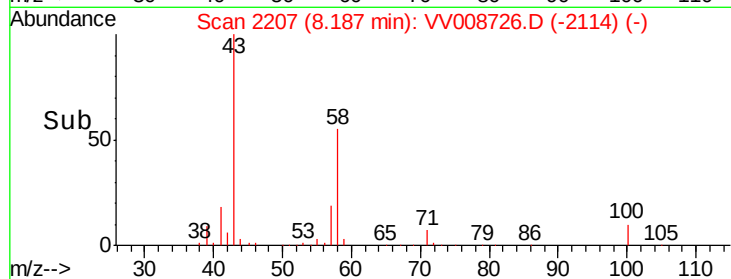
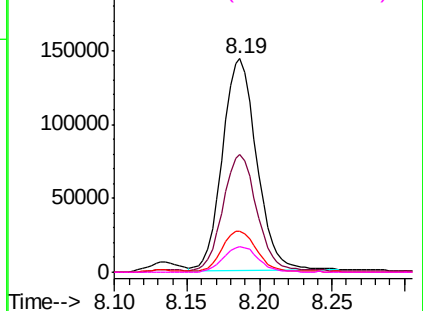
#48
2-Hexanone
Concen: 101.132 ug/L
RT: 8.19 min Scan# 2207
Delta R.T. -0.00 min
Lab File: VV008726.D
Acq: 27 Nov 2018 10:35

Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

Tgt Ion: 43 Resp: 234873
Ion Ratio Lower Upper
43 100
58 55.2 41.4 62.0
57 20.0 17.1 25.7
100 12.4 9.2 13.8

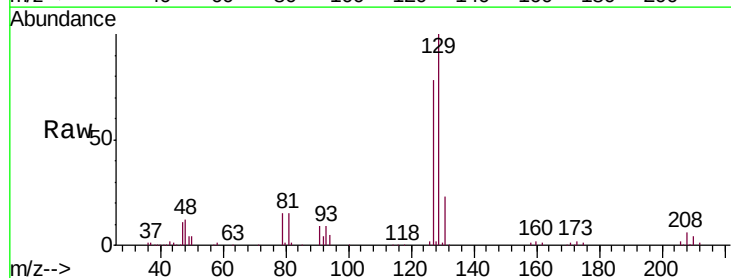


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

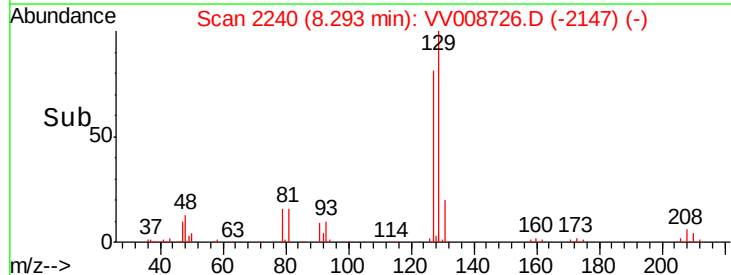
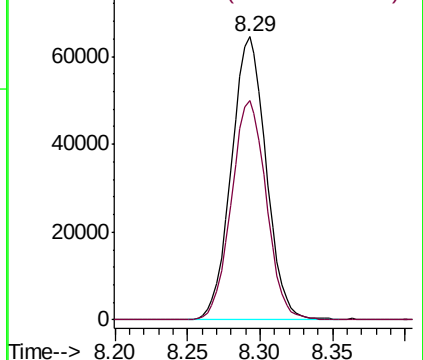


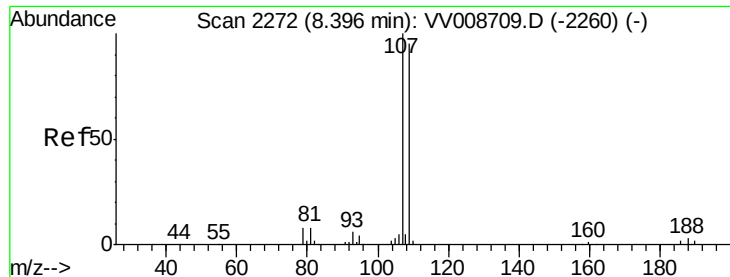
#49
Dibromochloromethane
Concen: 56.057 ug/L
RT: 8.29 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VV008726.D
Acq: 27 Nov 2018 10:35

Tgt Ion: 129 Resp: 107201
Ion Ratio Lower Upper
129 100
127 77.5 58.2 108.0



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

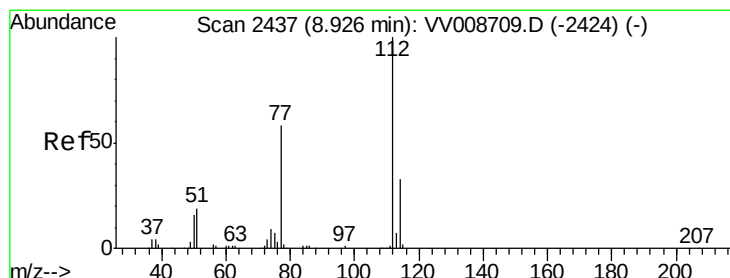
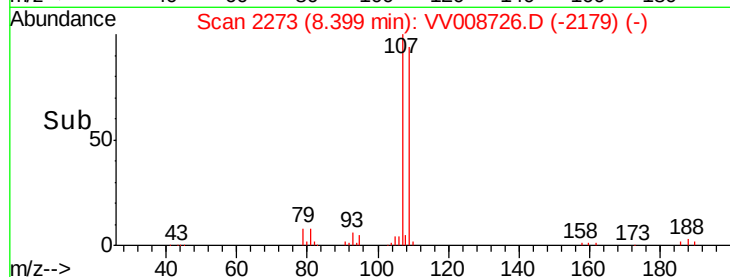
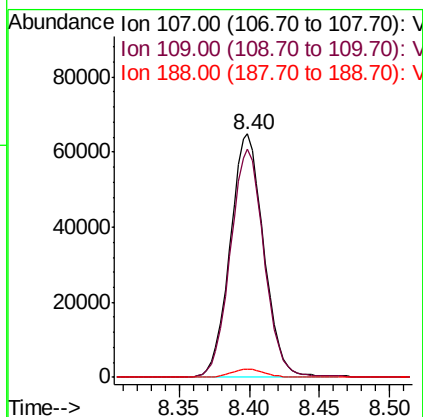
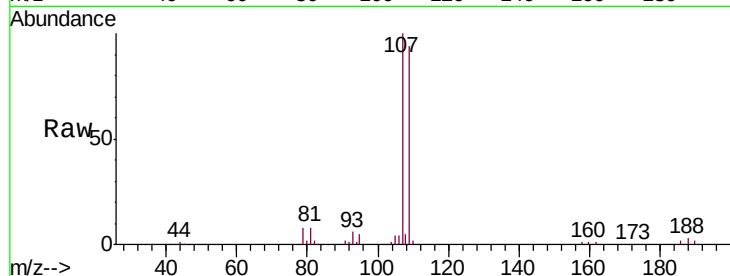




#50
1,2-Dibromoethane
Concen: 54.097 ug/L
RT: 8.40 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV008726.D
Acq: 27 Nov 2018 10:35

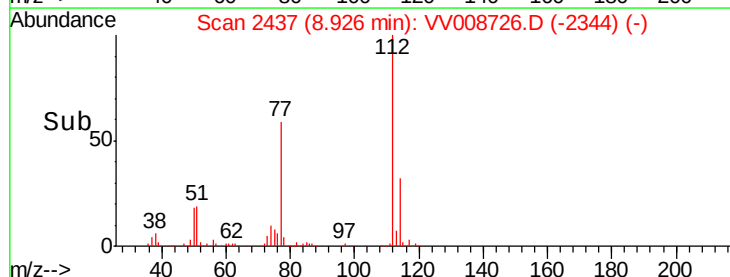
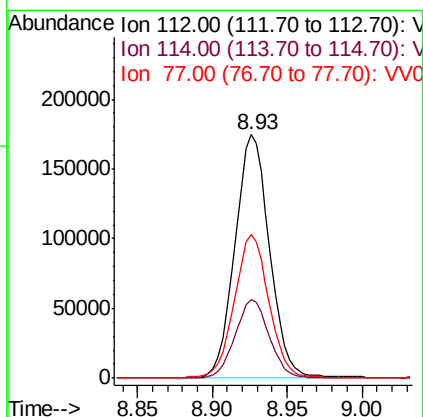
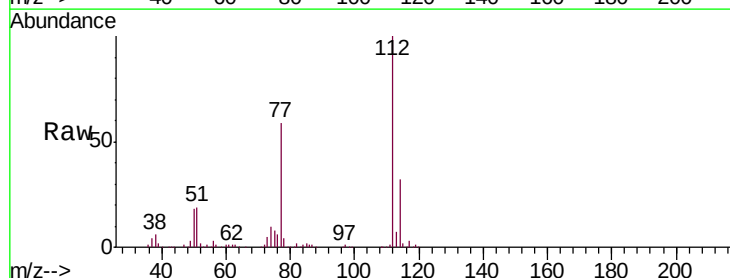
Instrument :
MSVOA_V
ClientSampleId :
VSTD05080

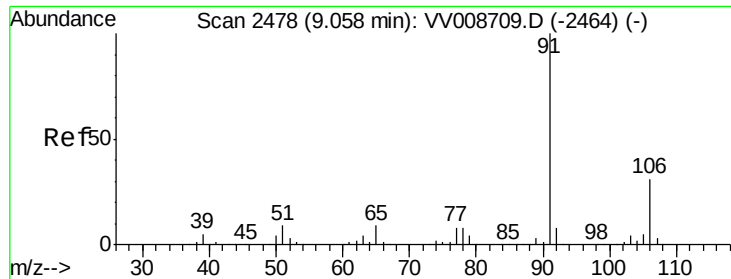
Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.8	64.8	120.3
188	3.4	2.2	3.4#



#51
Chlorobenzene
Concen: 54.308 ug/L
RT: 8.93 min Scan# 2437
Delta R.T. -0.00 min
Lab File: VV008726.D
Acq: 27 Nov 2018 10:35

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	22.9	42.5
77	58.9	53.8	80.6





#52

Ethylbenzene

Concen: 52.646 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

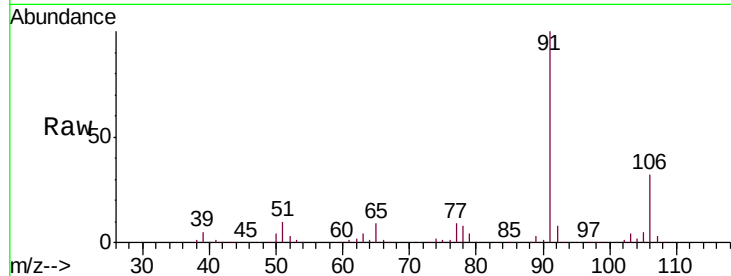
VSTD05080

Tgt Ion: 91 Resp: 469128

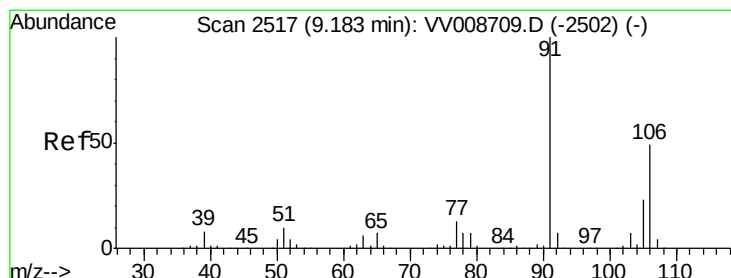
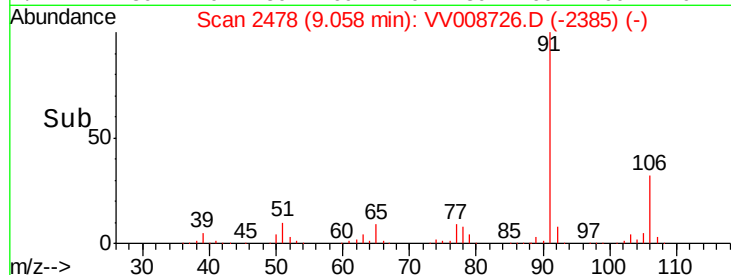
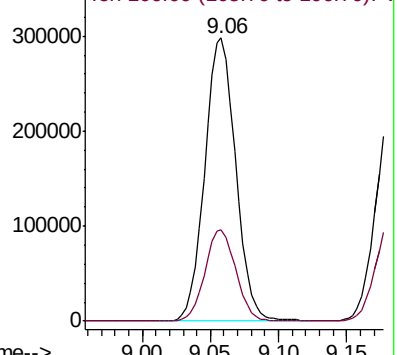
Ion Ratio Lower Upper

91 100

106 32.1 21.2 39.4



Abundance Ion 91.00 (90.70 to 91.70): VV008709.D (-2464) (-)



#53

m,p-Xylene

Concen: 54.291 ug/L

RT: 9.18 min Scan# 2517

Delta R.T. -0.00 min

Lab File: VV008726.D

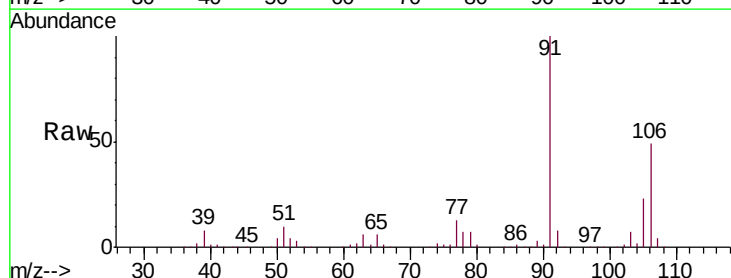
Acq: 27 Nov 2018 10:35

Tgt Ion: 106 Resp: 177776

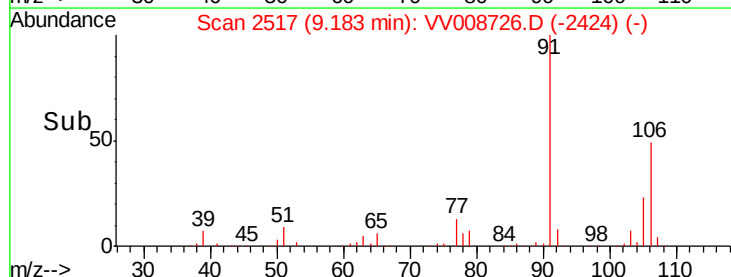
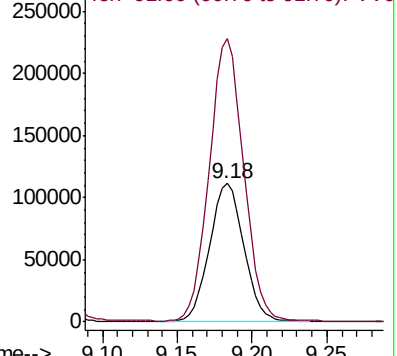
Ion Ratio Lower Upper

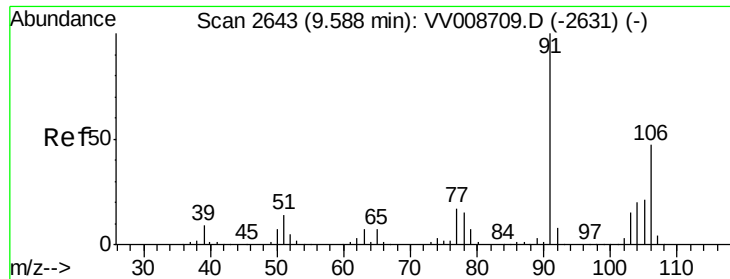
106 100

91 204.7 154.7 287.3



Abundance Ion 106.00 (105.70 to 106.70): VV008709.D (-2502) (-)





#54

o-xylene

Concen: 53.685 ug/L

RT: 9.59 min Scan# 2643

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

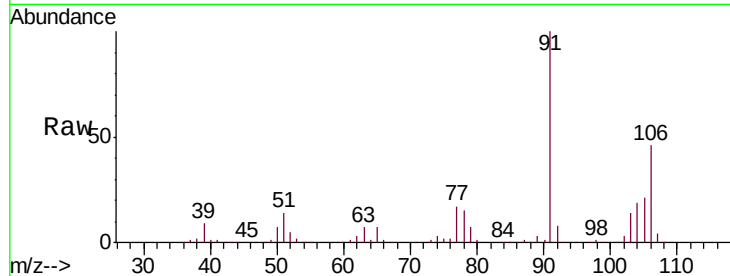
VSTD05080

Tgt Ion:106 Resp: 174804

Ion Ratio Lower Upper

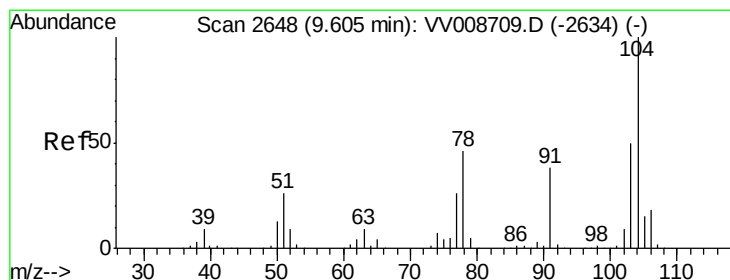
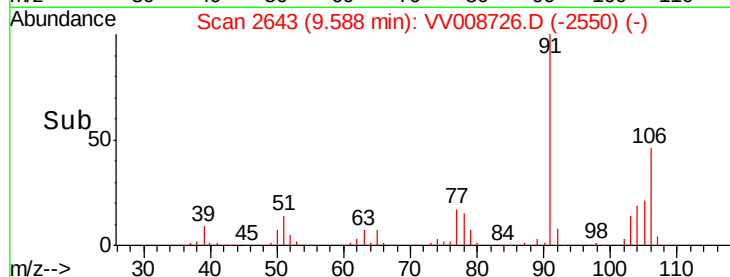
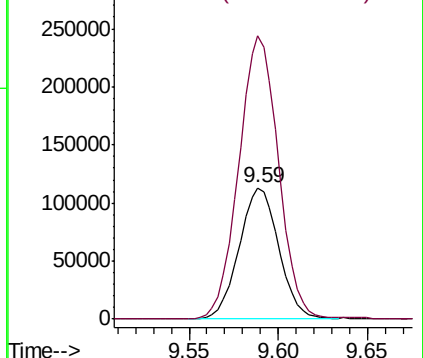
106 100

91 215.7 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#55

Styrene

Concen: 54.451 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. -0.00 min

Lab File: VV008726.D

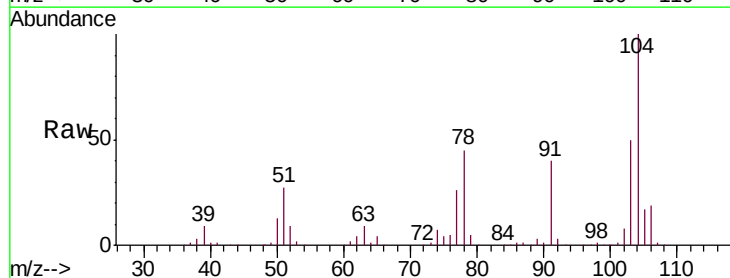
Acq: 27 Nov 2018 10:35

Tgt Ion:104 Resp: 295688

Ion Ratio Lower Upper

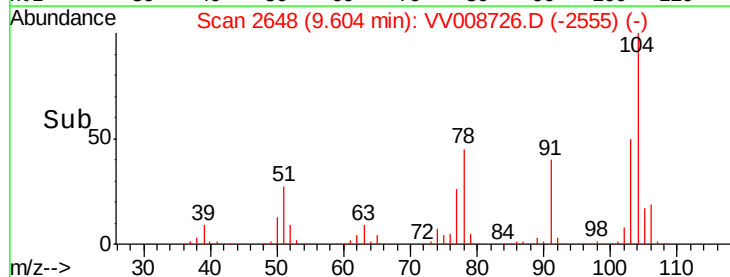
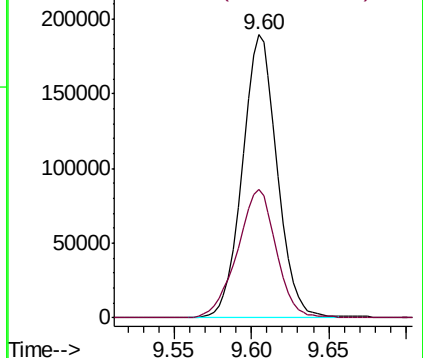
104 100

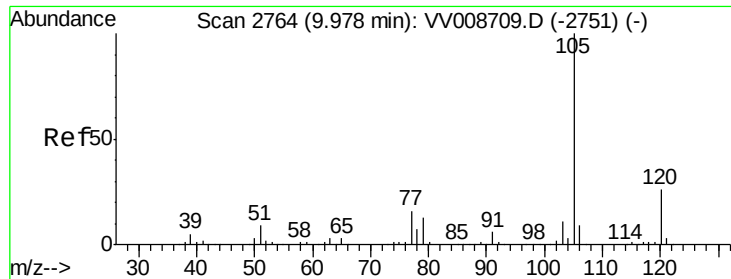
78 45.3 32.7 60.7



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 54.437 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05080

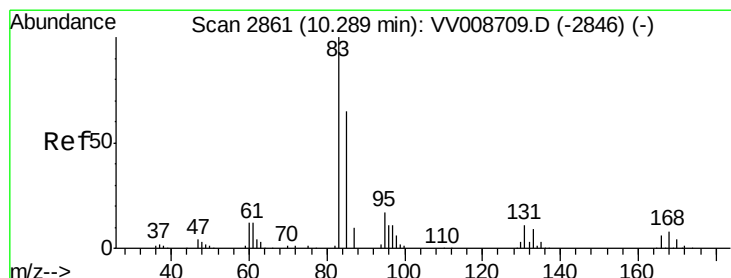
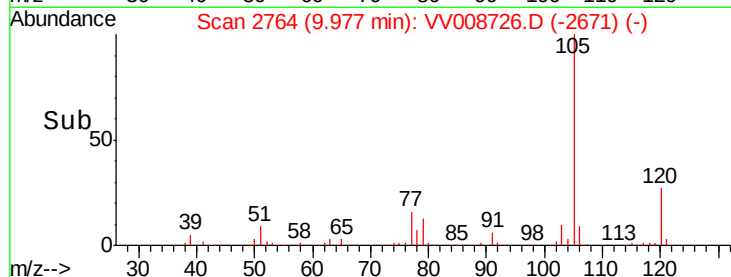
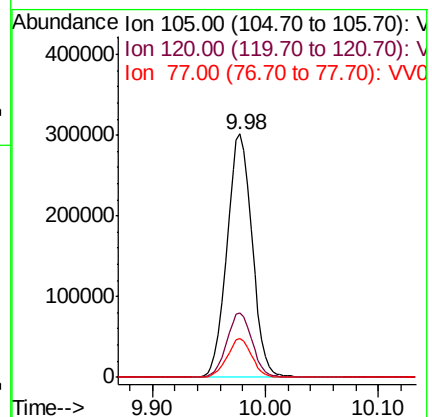
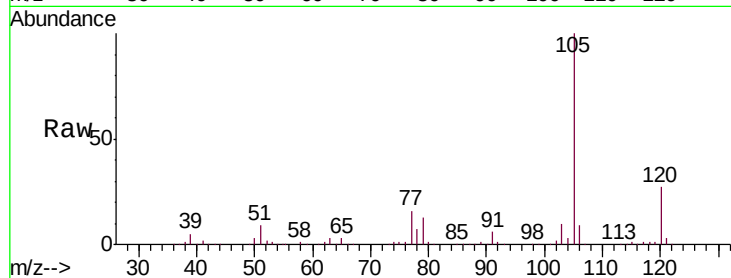
Tgt Ion:105 Resp: 466082

Ion Ratio Lower Upper

105 100

120 26.8 20.5 30.7

77 15.7 12.8 19.2



#58

1,1,2,2-Tetrachloroethane

Concen: 47.704 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

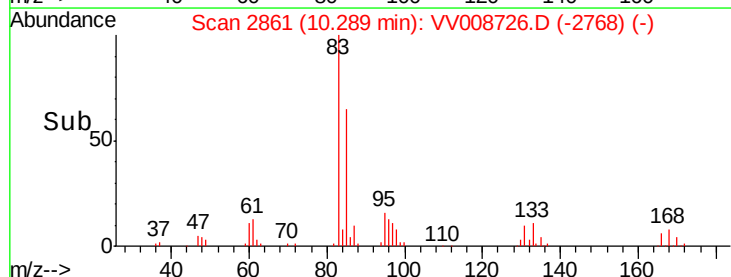
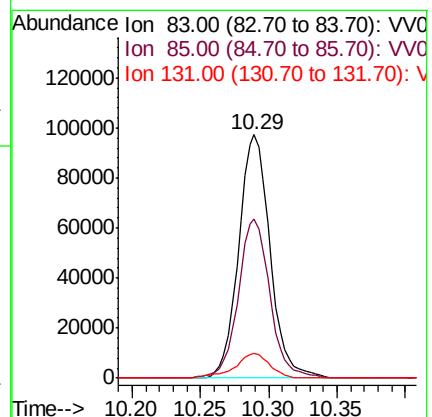
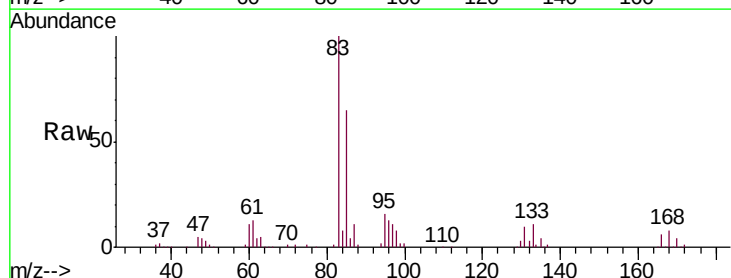
Tgt Ion: 83 Resp: 155348

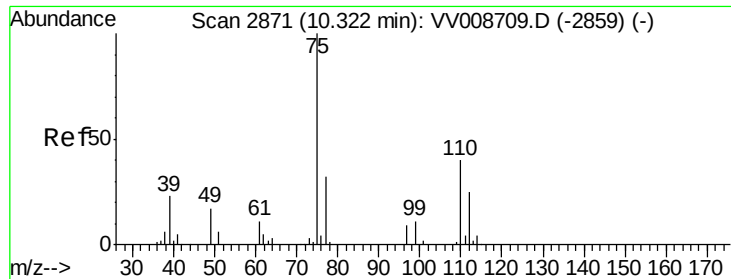
Ion Ratio Lower Upper

83 100

85 65.4 44.8 83.2

131 10.3 8.1 12.1





#59

1,2,3-Trichloropropane

Concen: 48.000 ug/L

RT: 10.32 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

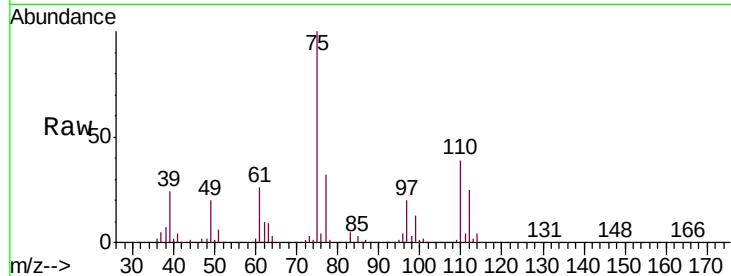
VSTD05080

Tgt Ion: 75 Resp: 128252

Ion Ratio Lower Upper

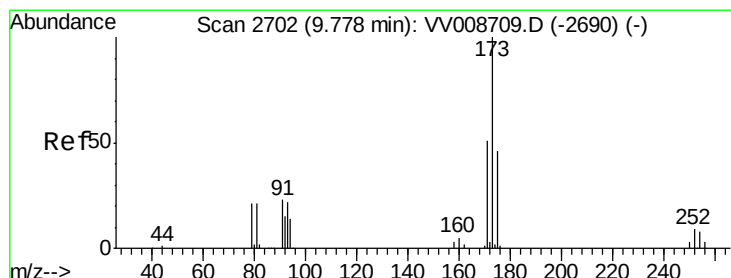
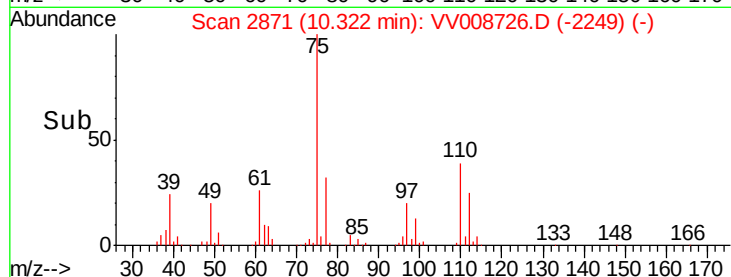
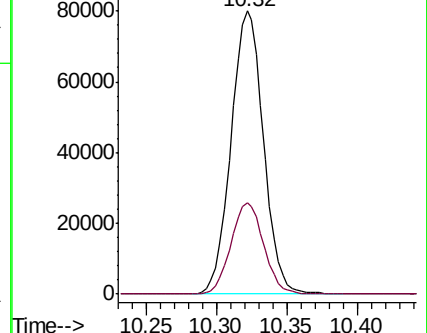
75 100

77 32.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VV008709.D

Ion 77.00 (76.70 to 77.70): VV008709.D



#61

Bromoform

Concen: 57.137 ug/L

RT: 9.78 min Scan# 2702

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

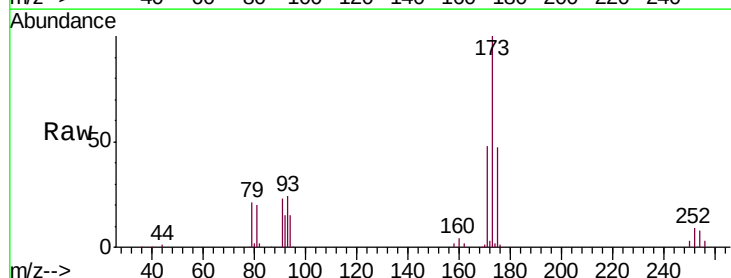
Tgt Ion: 173 Resp: 71842

Ion Ratio Lower Upper

173 100

175 47.7 39.1 58.7

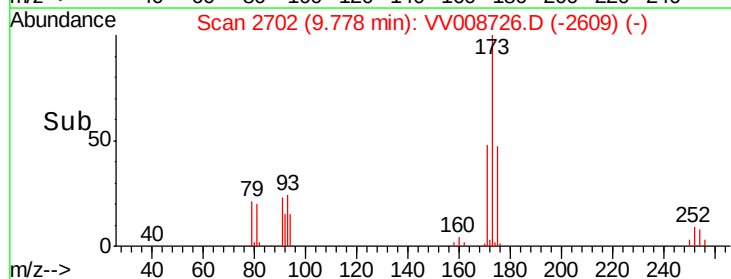
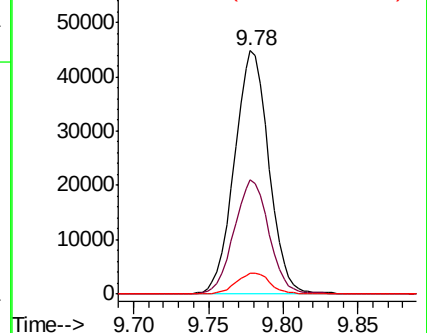
254 8.5 7.0 10.4

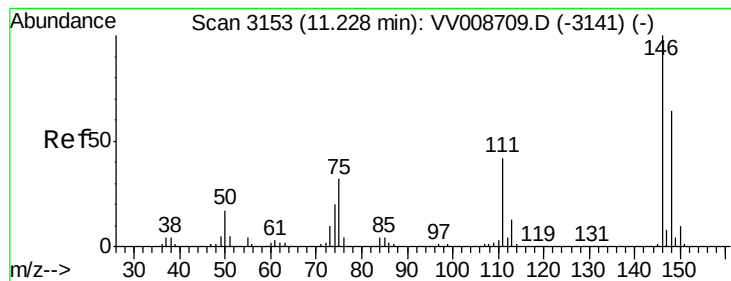


Abundance Ion 173.00 (172.70 to 173.70): VV008709.D

Ion 175.00 (174.70 to 175.70): VV008709.D

Ion 254.00 (253.70 to 254.70): VV008709.D





#62

1,3-Dichlorobenzene

Concen: 52.818 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05080

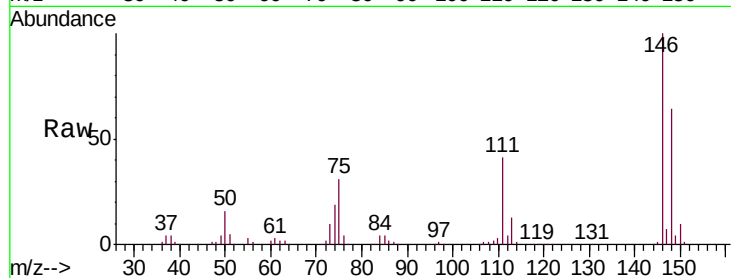
Tgt Ion:146 Resp: 202654

Ion Ratio Lower Upper

146 100

111 40.8 27.9 51.7

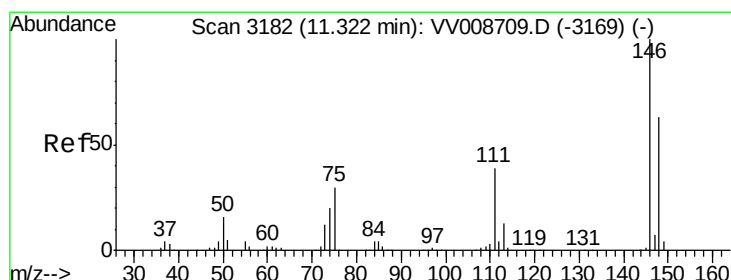
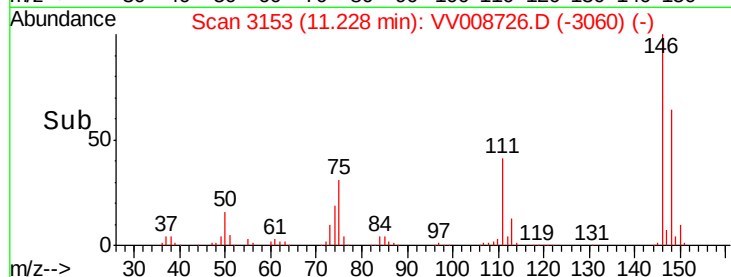
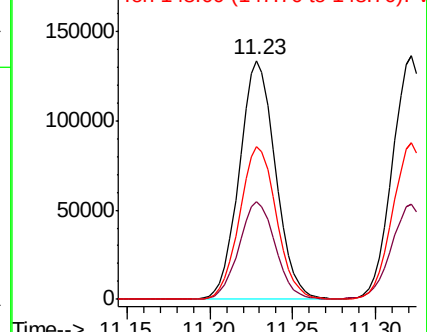
148 64.0 42.7 79.3



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 52.820 ug/L

RT: 11.32 min Scan# 3182

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

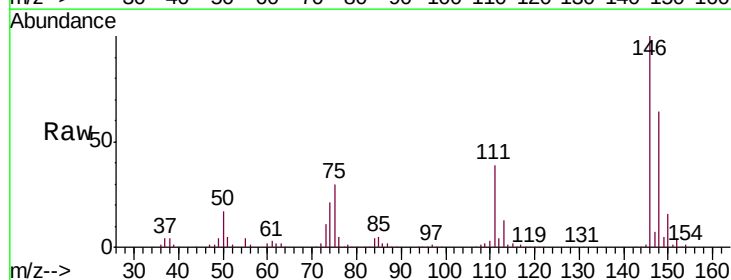
Tgt Ion:146 Resp: 206543

Ion Ratio Lower Upper

146 100

111 39.2 27.7 51.5

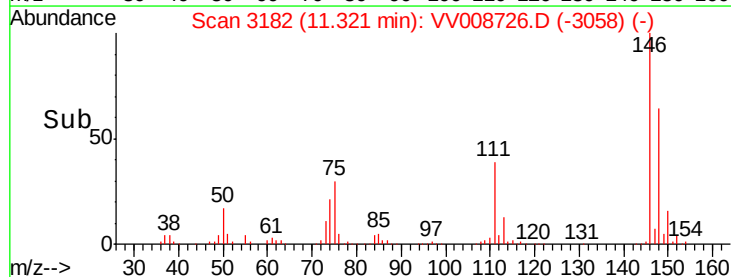
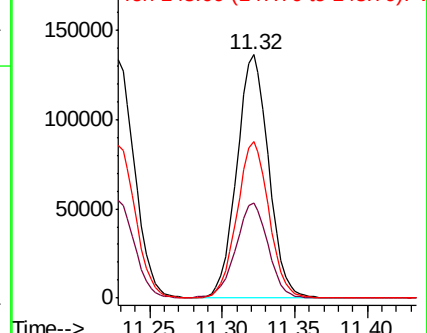
148 64.2 46.4 86.2

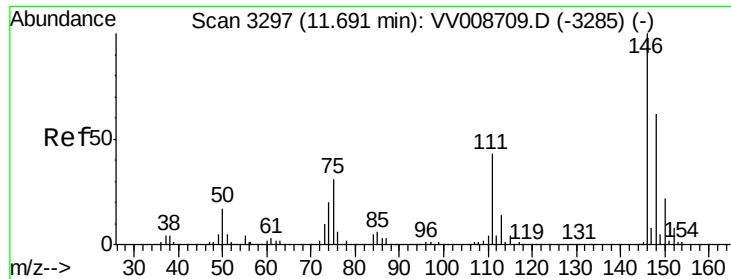


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

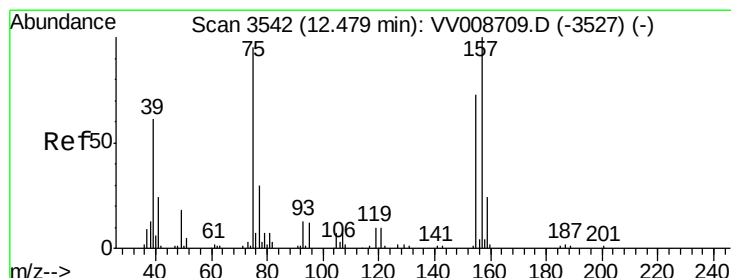
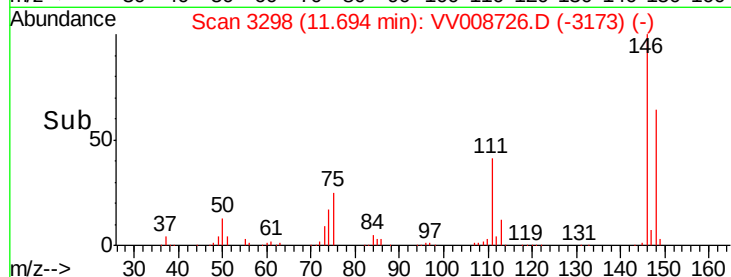
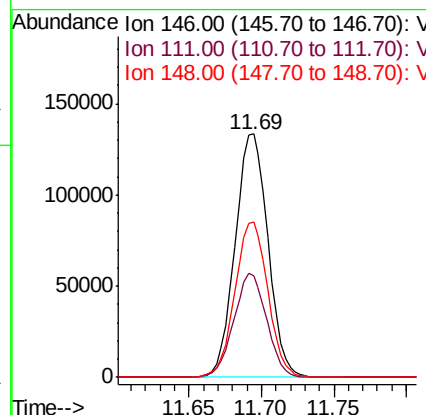
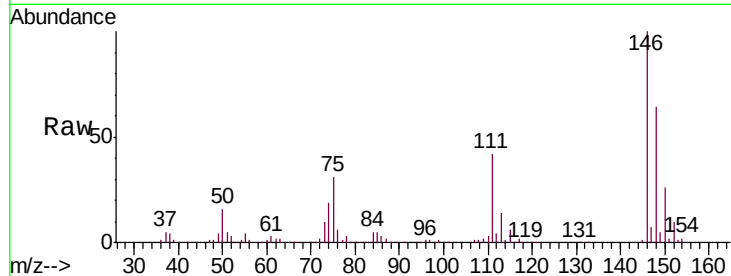




#65
 1,2-Dichlorobenzene
 Concen: 52.853 ug/L
 RT: 11.69 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

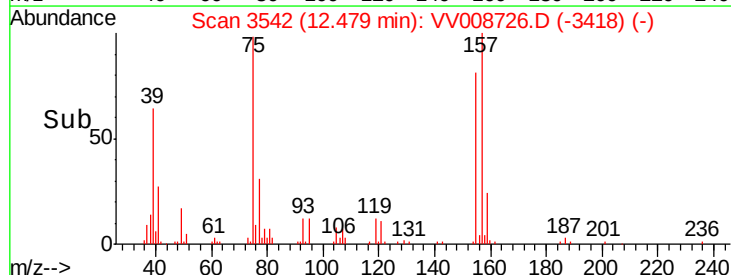
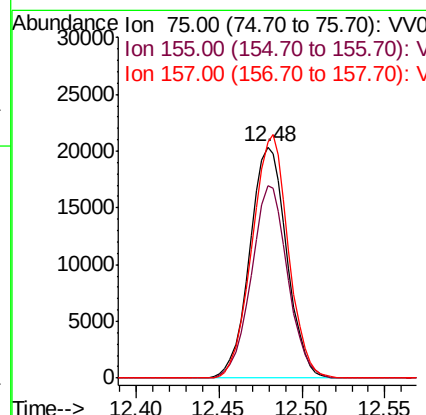
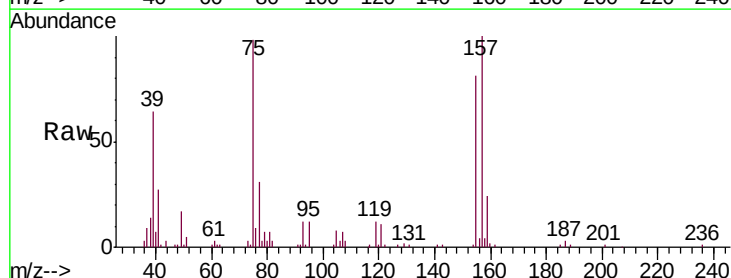
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

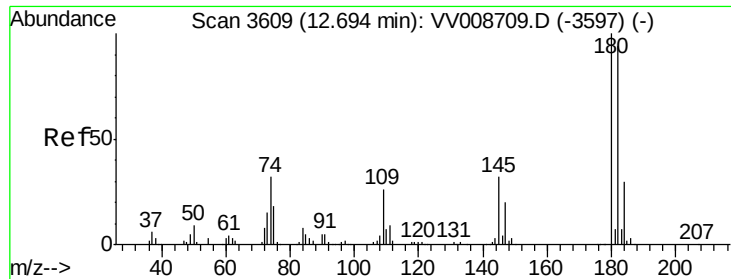
Tgt Ion: 146 Resp: 209312
 Ion Ratio Lower Upper
 146 100
 111 41.7 36.5 54.7
 148 63.9 48.7 73.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 48.993 ug/L
 RT: 12.48 min Scan# 3542
 Delta R.T. -0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

Tgt Ion: 75 Resp: 31418
 Ion Ratio Lower Upper
 75 100
 155 83.2 64.4 96.6
 157 102.2 83.7 125.5

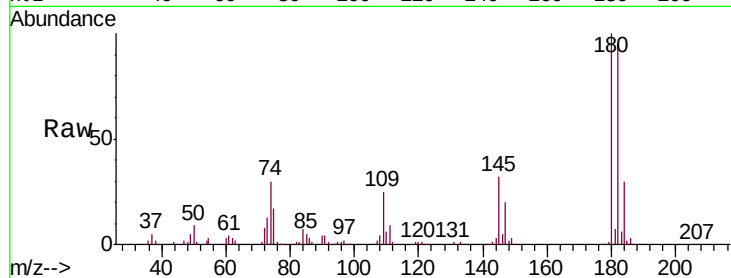




#67
 1,3,5-Trichlorobenzene
 Concen: 54.190 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. -0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05080

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	73.2	109.8
184	30.5	23.6	35.4
145	31.8	26.6	39.8



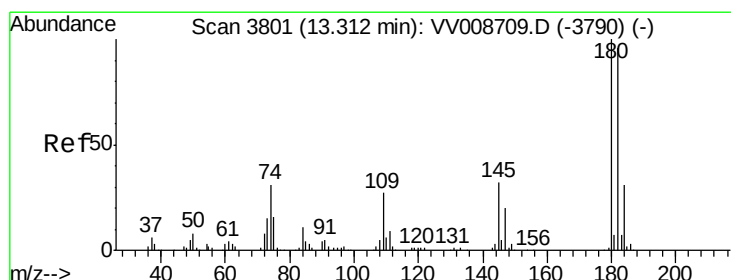
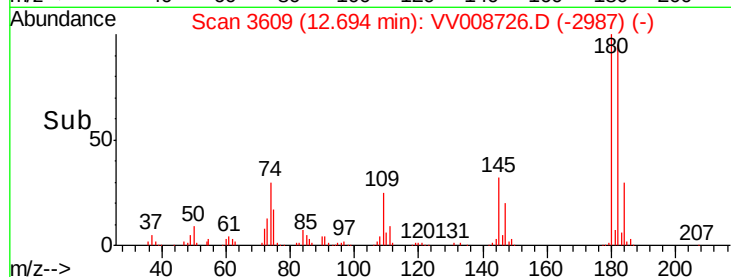
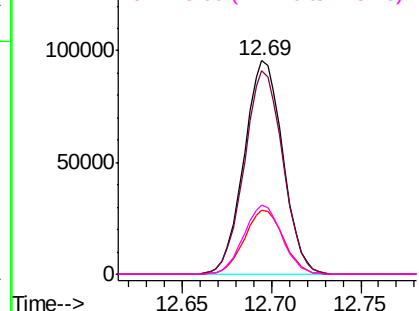
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

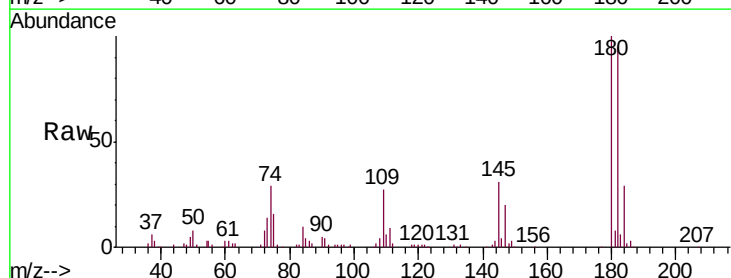
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 55.807 ug/L
 RT: 13.31 min Scan# 3801
 Delta R.T. -0.00 min
 Lab File: VV008726.D
 Acq: 27 Nov 2018 10:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.7	113.5
145	31.6	28.0	42.0

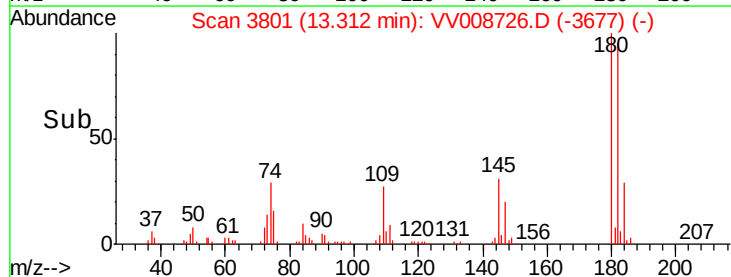
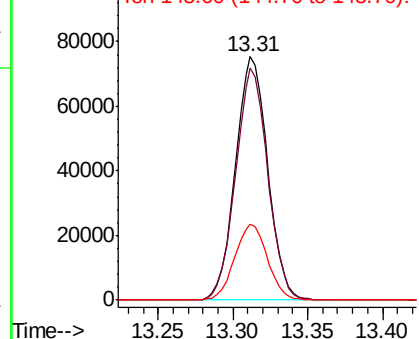


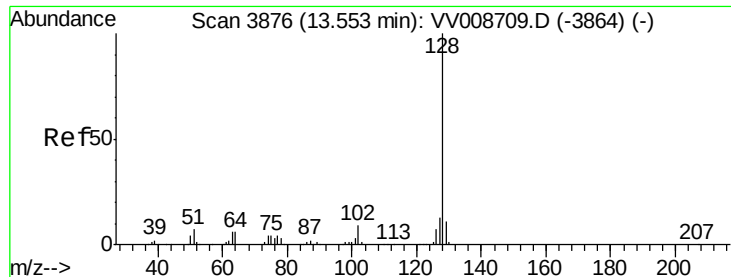
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 48.317 ug/L

RT: 13.55 min Scan# 3876

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

Instrument :

MSVOA_V

ClientSampleId :

VSTD05080

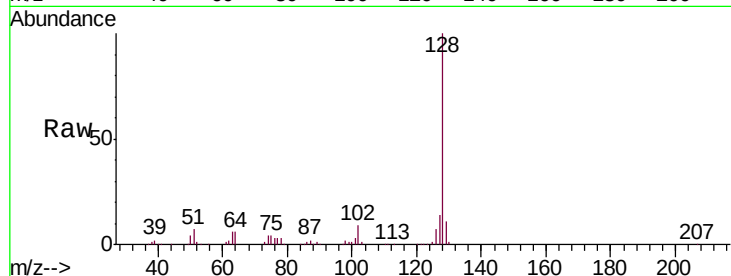
Tgt Ion:128 Resp: 278876

Ion Ratio Lower Upper

128 100

127 12.9 9.4 14.0

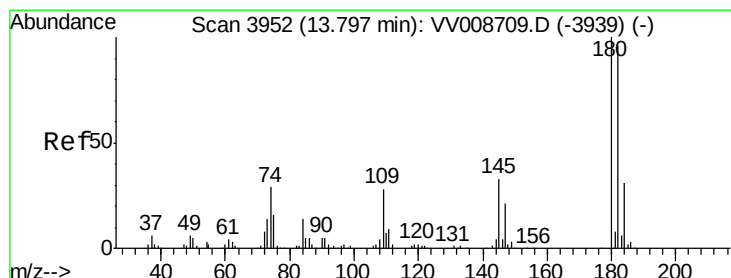
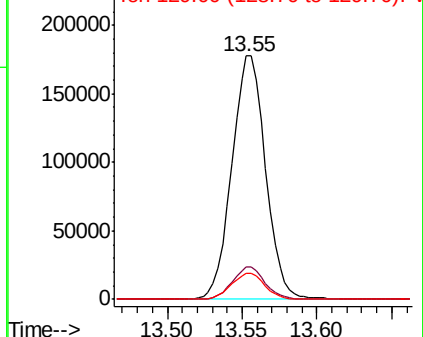
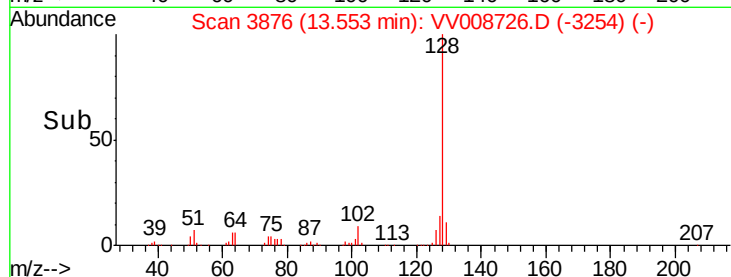
129 10.8 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 55.143 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. -0.00 min

Lab File: VV008726.D

Acq: 27 Nov 2018 10:35

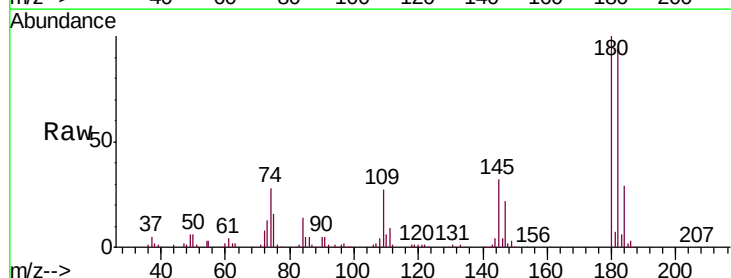
Tgt Ion:180 Resp: 114941

Ion Ratio Lower Upper

180 100

182 94.0 77.5 116.3

145 33.0 28.9 43.3



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

