

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014788.D
 Acq On : 09 Mar 2020 20:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Mar 10 14:21:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:28:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	421581	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	419138	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	218297	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	116854	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.92%
7) Chloroethane-d5	1.58	69	97359	43.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.34%
11) 1,1-Dichloroethene-d2	2.12	63	203300	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.76%
21) 2-Butanone-d5	3.94	46	198942	93.50	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.50%
24) Chloroform-d	4.38	84	259206	47.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.96%
26) 1,2-Dichloroethane-d4	5.06	65	165606	45.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.26%
32) Benzene-d6	5.08	84	518746	46.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.74%
36) 1,2-Dichloropropane-d6	6.10	67	162119	44.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.40%
41) Toluene-d8	7.34	98	501933	46.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.62%
43) trans-1,3-Dichloropropene-	7.64	79	82213	45.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.82%
47) 2-Hexanone-d5	8.12	63	163471	100.37	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.37%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	231742	45.93	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.86%
64) 1,2-Dichlorobenzene-d4	11.65	152	208269	48.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.28%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	199259	47.82	ug/L	99
3) Chloromethane	1.25	50	161401	43.98	ug/L	99
5) Vinyl chloride	1.32	62	152441	44.83	ug/L	99
6) Bromomethane	1.53	94	70448	33.38	ug/L	97
8) Chloroethane	1.60	64	84307	46.12	ug/L	97
9) Trichlorofluoromethane	1.76	101	219971	48.37	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	109490	46.77	ug/L	99
12) 1,1-Dichloroethene	2.13	96	105107	45.89	ug/L	97
13) Acetone	2.22	43	133446	75.12	ug/L	59
14) Carbon disulfide	2.31	76	338124	44.66	ug/L	100
15) Methyl Acetate	2.46	43	148458	44.48	ug/L	93
16) Methylene chloride	2.52	84	153199	49.26	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	137138	48.47	ug/L	97
18) Methyl tert-butyl Ether	2.79	73	461475	49.82	ug/L	98
19) 1,1-Dichloroethane	3.21	63	259834	47.02	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	156064	49.32	ug/L	94
22) 2-Butanone	4.02	43	213748	91.21	ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
 Data File : VV014788.D
 Acq On : 09 Mar 2020 20:14
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Quant Time: Mar 10 14:21:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 06 23:28:37 2020
 Response via : Initial Calibration

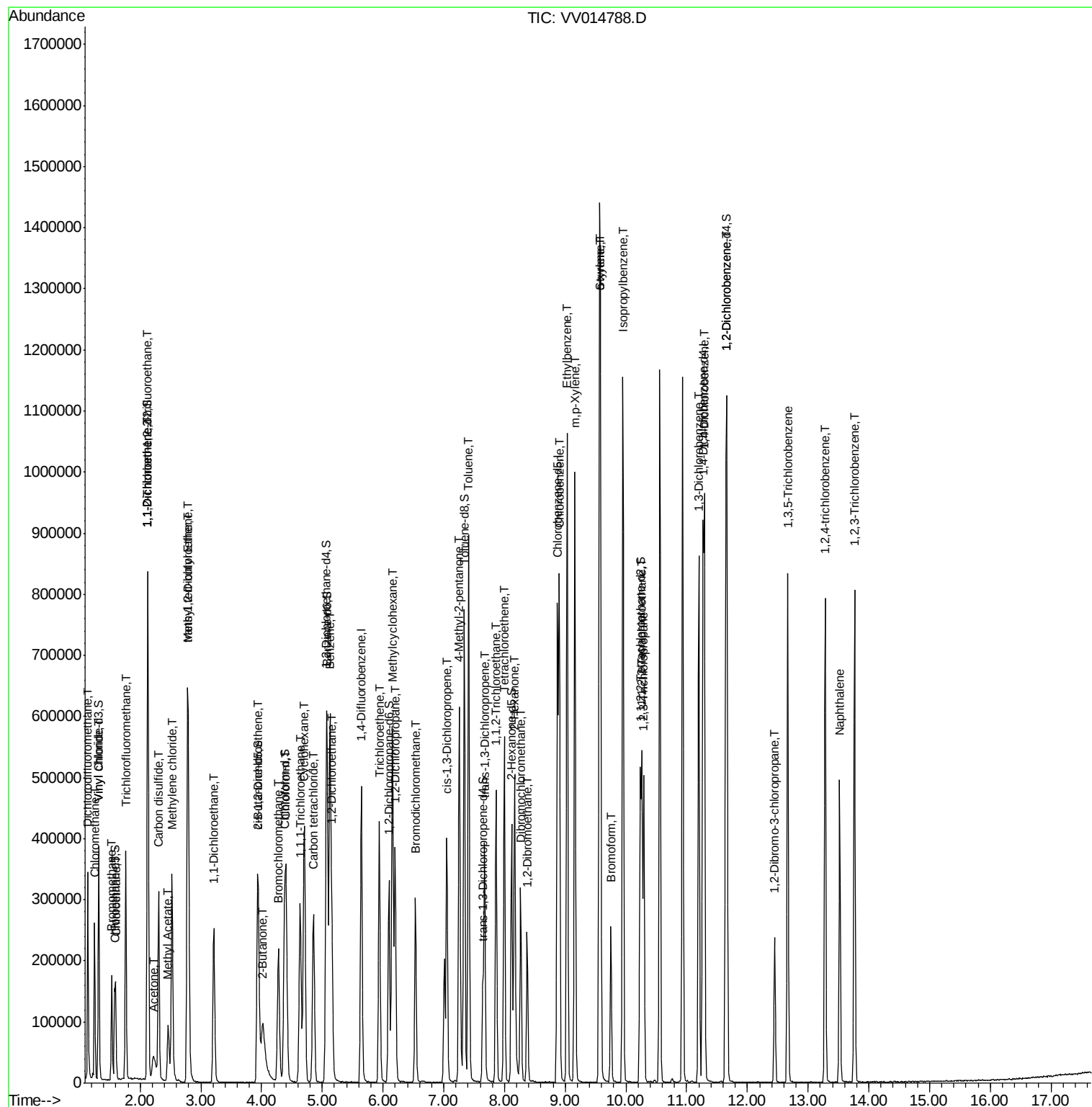
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	79015	49.05	ug/L	95
25) Chloroform	4.41	83	269521	47.08	ug/L	97
27) 1,2-Dichloroethane	5.16	62	215835	48.65	ug/L	97
29) Cyclohexane	4.70	56	236682	46.35	ug/L	94
30) 1,1,1-Trichloroethane	4.64	97	242446	49.89	ug/L	98
31) Carbon tetrachloride	4.86	117	211814	51.32	ug/L	100
33) Benzene	5.13	78	587565	48.39	ug/L	100
34) Trichloroethene	5.94	95	149917	47.24	ug/L	96
35) Methylcyclohexane	6.15	83	250609	47.84	ug/L	96
37) 1,2-Dichloropropane	6.20	63	150650	45.91	ug/L #	97
38) Bromodichloromethane	6.53	83	202754	48.58	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	244152	47.47	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	438046	92.12	ug/L #	94
42) Toluene	7.41	91	647673	48.35	ug/L	96
44) trans-1,3-Dichloropropene	7.67	75	217253	46.34	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	147949	48.96	ug/L	93
46) Tetrachloroethene	8.00	164	130282	50.18	ug/L	96
48) 2-Hexanone	8.17	43	350175	93.63	ug/L #	96
49) Dibromochloromethane	8.27	129	160823	48.83	ug/L	99
50) 1,2-Dibromoethane	8.37	107	160333	49.08	ug/L	98
51) Chlorobenzene	8.90	112	431399	50.05	ug/L	98
52) Ethylbenzene	9.03	91	736380	48.79	ug/L	99
53) m,p-Xylene	9.16	106	281826	49.76	ug/L	98
54) o-xylene	9.56	106	282687	50.81	ug/L	95
55) Styrene	9.58	104	482712	50.74	ug/L	99
56) Isopropylbenzene	9.95	105	744950	49.99	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	248627	47.77	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	204114	48.71	ug/L	99
61) Bromoform	9.75	173	111898	47.25	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	348553	49.38	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	357262	50.23	ug/L	99
65) 1,2-Dichlorobenzene	11.66	146	354656	50.46	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	58608	49.14	ug/L	90
67) 1,3,5-Trichlorobenzene	12.67	180	264770	48.50	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	244335	48.69	ug/L	99
69) Naphthalene	13.52	128	378718	50.13	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	252606	50.50	ug/L	99

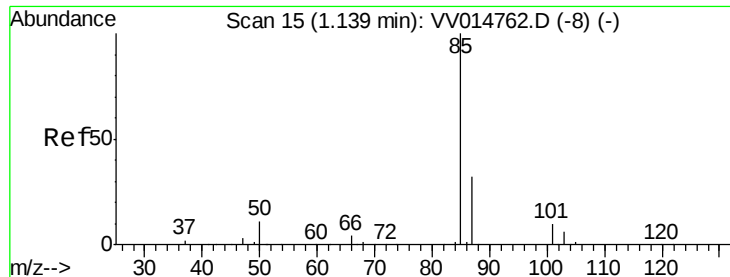
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030920\
Data File : VV014788.D
Acq On : 09 Mar 2020 20:14
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

Quant Time: Mar 10 14:21:54 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM030620WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 06 23:28:37 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 47.82 ug/L

RT: 1.14 min Scan# 15

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

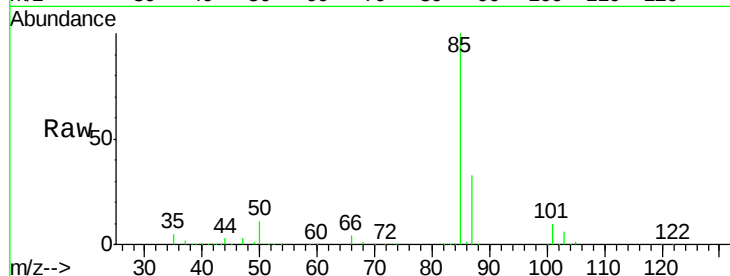
VSTD05079

Tgt Ion: 85 Resp: 199259

Ion Ratio Lower Upper

85 100

87 32.6 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VV0

Ion 87.00 (86.70 to 87.70): VV0

1.14

200000

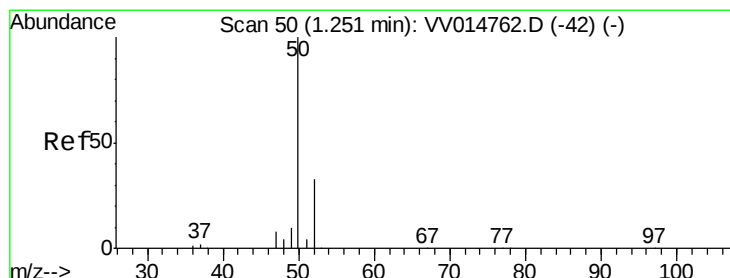
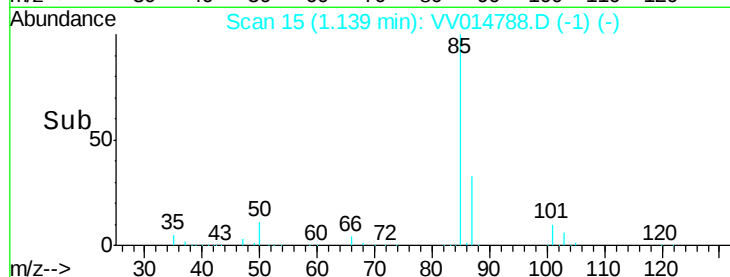
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 43.98 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV014788.D

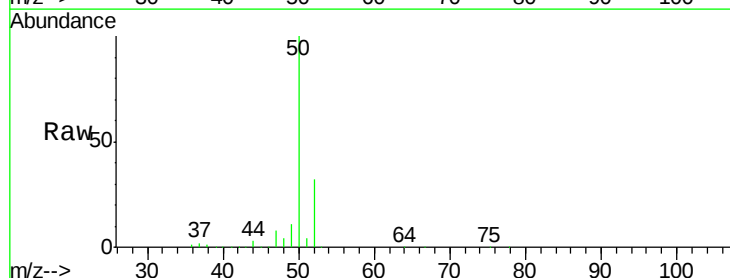
Acq: 09 Mar 2020 20:14

Tgt Ion: 50 Resp: 161401

Ion Ratio Lower Upper

50 100

52 32.4 22.9 42.5



Abundance Ion 50.00 (49.70 to 50.70): VV0

Ion 52.00 (51.70 to 52.70): VV0

1.25

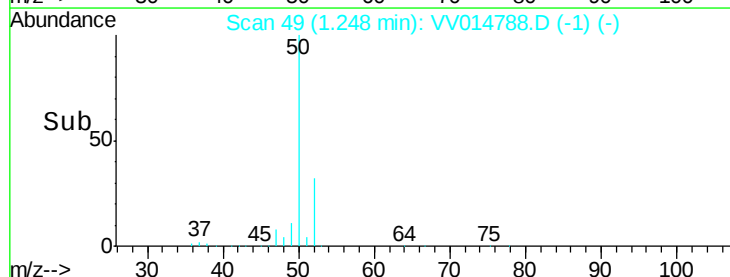
150000

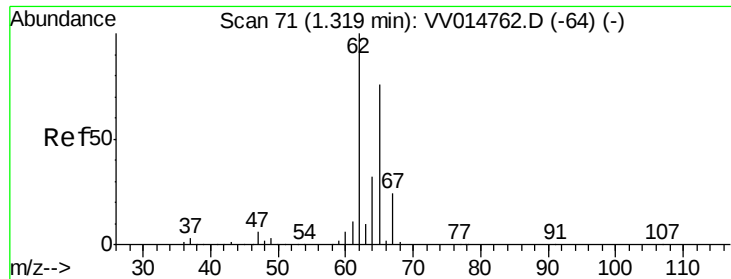
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 44.83 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

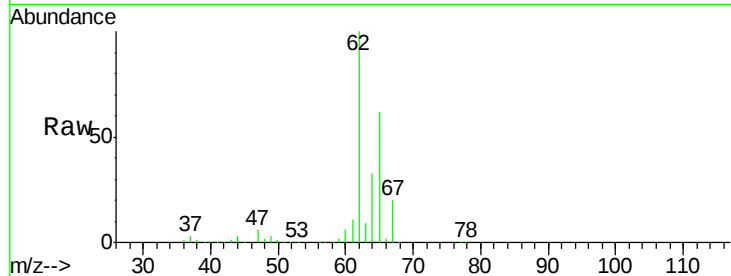
VSTD05079

Tgt Ion: 62 Resp: 152441

Ion Ratio Lower Upper

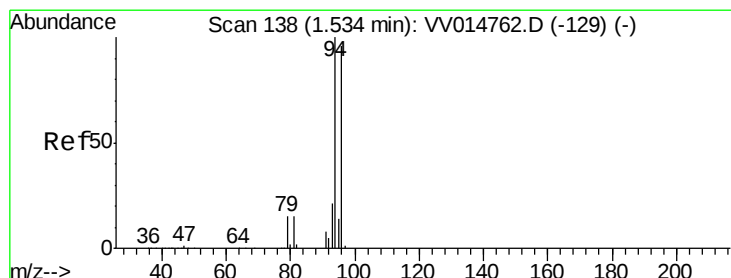
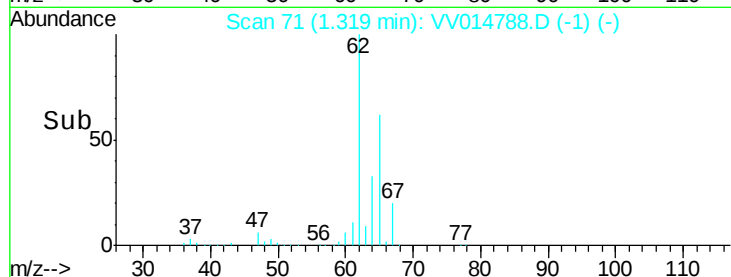
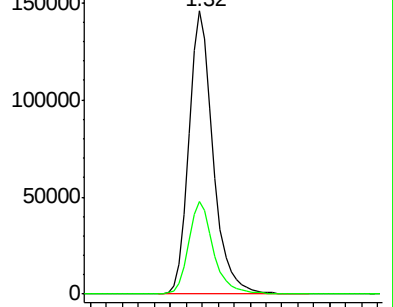
62 100

64 32.6 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VV014788.D (-64) (-)

Ion 64.00 (63.70 to 64.70): VV014788.D (-64) (-)



#6

Bromomethane

Concen: 33.38 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV014788.D

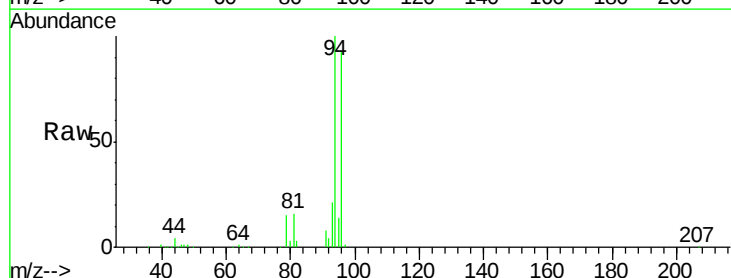
Acq: 09 Mar 2020 20:14

Tgt Ion: 94 Resp: 70448

Ion Ratio Lower Upper

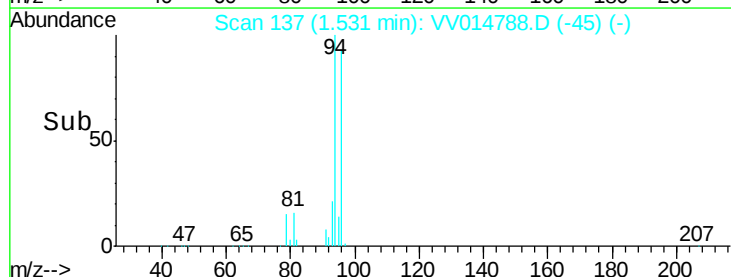
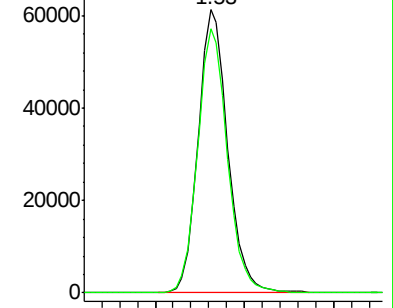
94 100

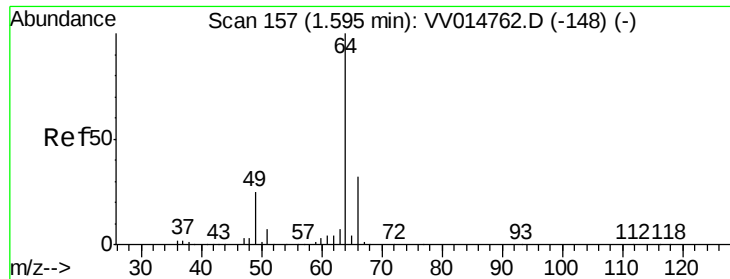
96 93.3 67.2 124.8



Abundance Ion 94.00 (93.70 to 94.70): VV014788.D (-129) (-)

Ion 96.00 (95.70 to 96.70): VV014788.D (-129) (-)





#8

Chloroethane

Concen: 46.12 ug/L

RT: 1.60 min Scan# 157

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

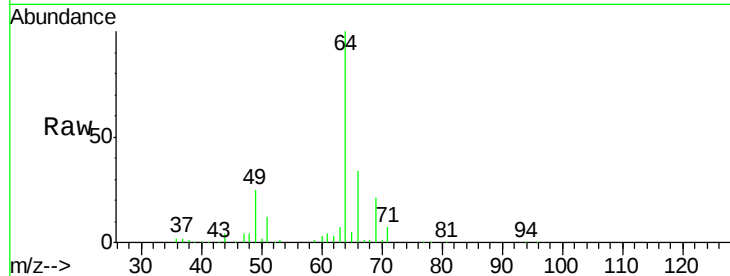
VSTD05079

Tgt Ion: 64 Resp: 84307

Ion Ratio Lower Upper

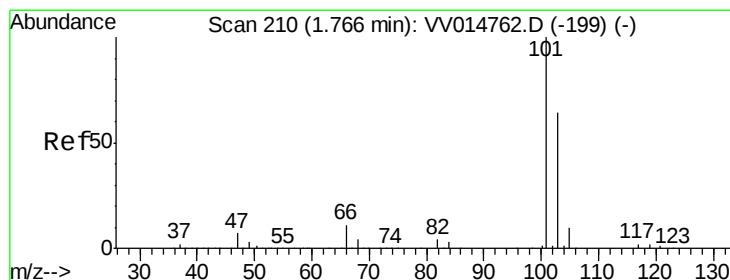
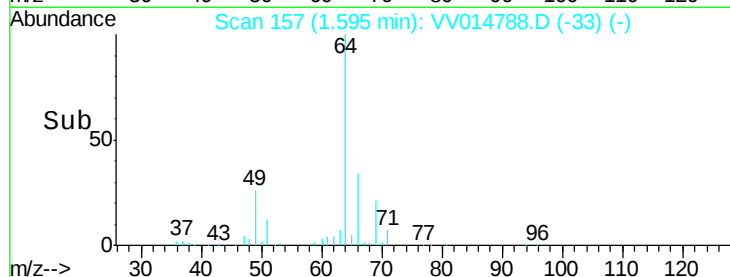
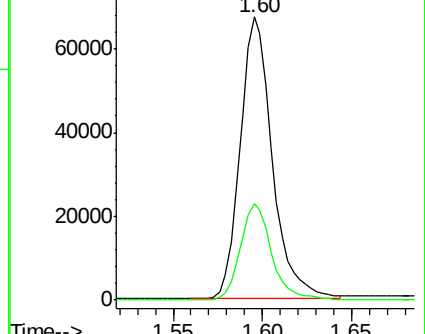
64 100

66 33.9 22.6 42.0



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



#9

Trichlorofluoromethane

Concen: 48.37 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV014788.D

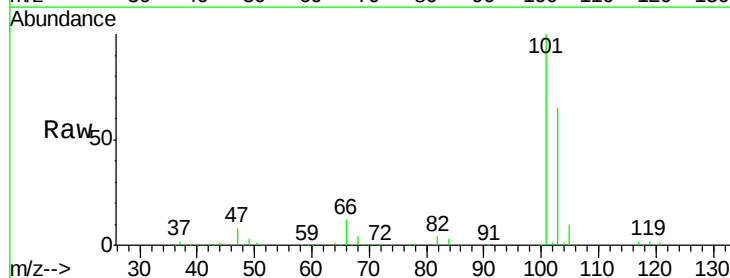
Acq: 09 Mar 2020 20:14

Tgt Ion: 101 Resp: 219971

Ion Ratio Lower Upper

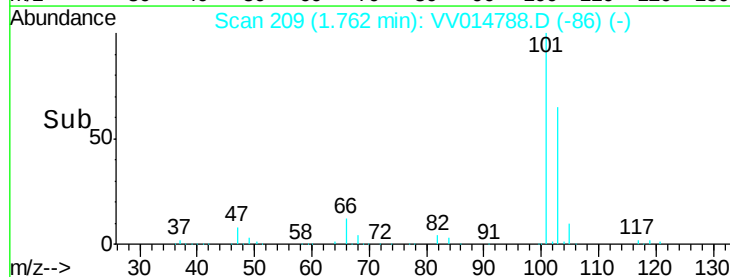
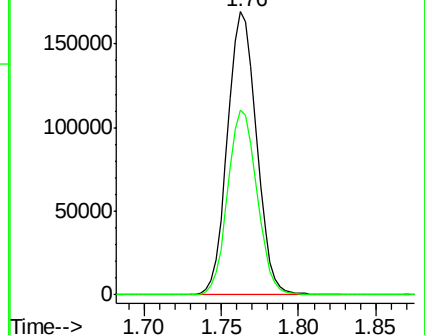
101 100

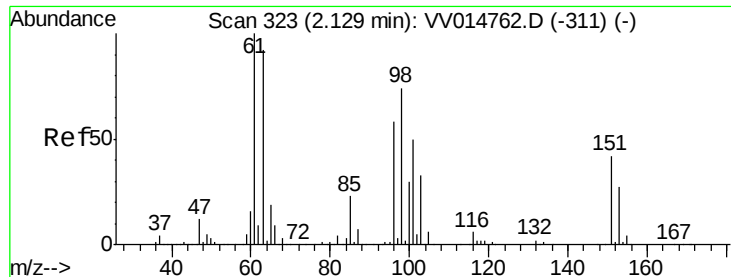
103 65.7 51.8 77.8



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 46.77 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

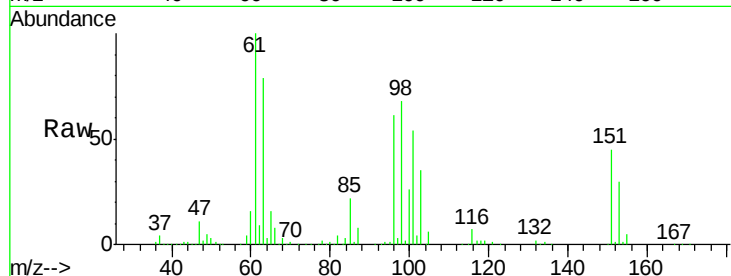
Tgt Ion: 101 Resp: 109490

Ion Ratio Lower Upper

101 100

85 41.7 35.0 52.6

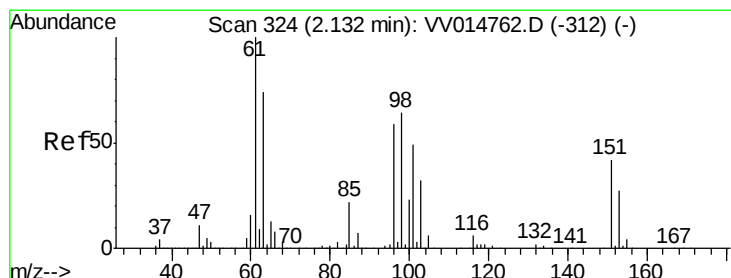
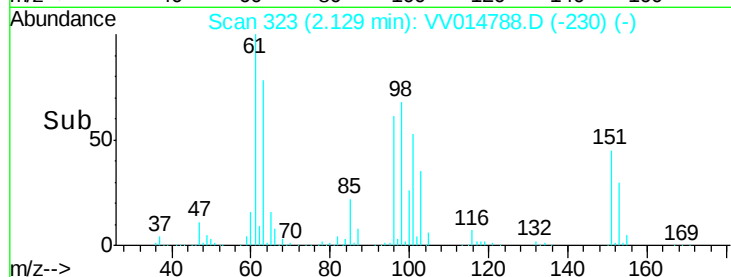
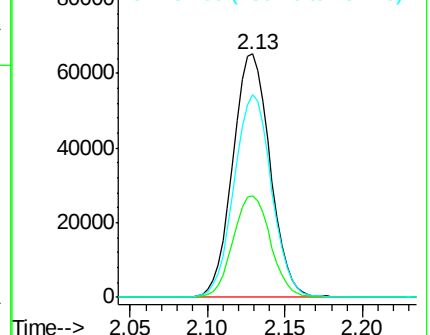
151 83.5 66.4 99.6



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: 45.89 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

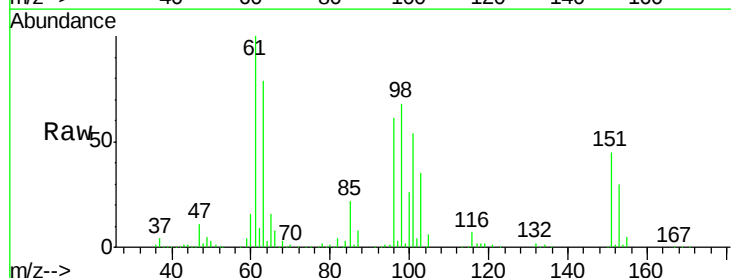
Tgt Ion: 96 Resp: 105107

Ion Ratio Lower Upper

96 100

61 165.1 118.4 220.0

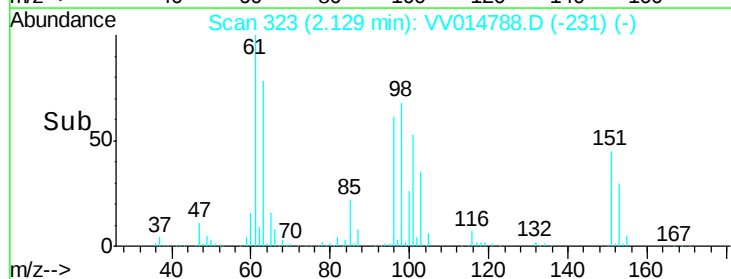
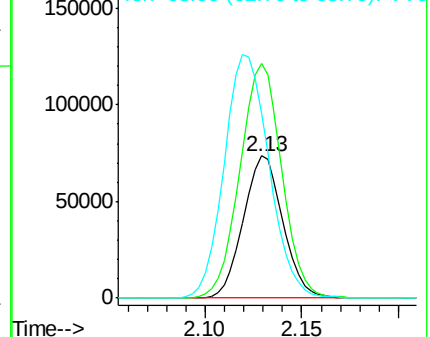
63 129.8 88.4 164.2

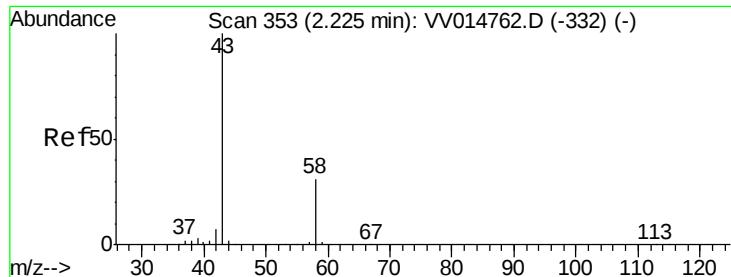


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 75.12 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

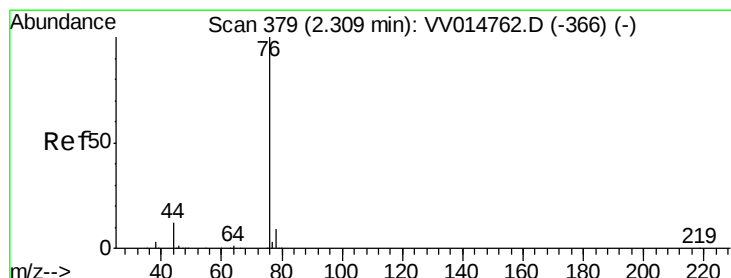
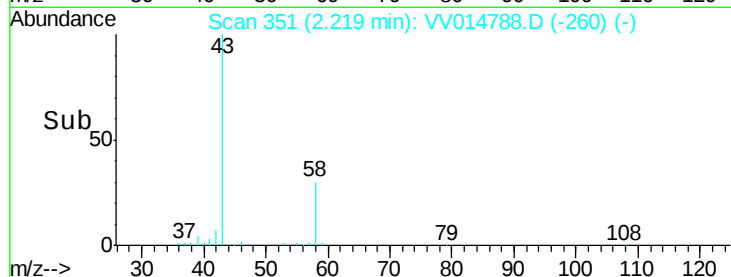
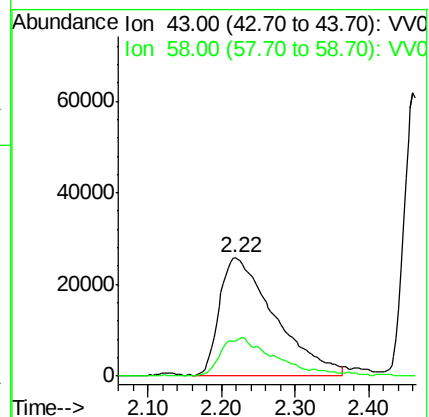
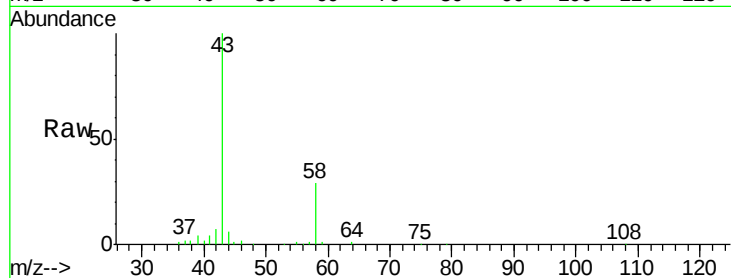
VSTD05079

Tgt Ion: 43 Resp: 133446

Ion Ratio Lower Upper

43 100

58 8.3 0.0 62.2



#14

Carbon disulfide

Concen: 44.66 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV014788.D

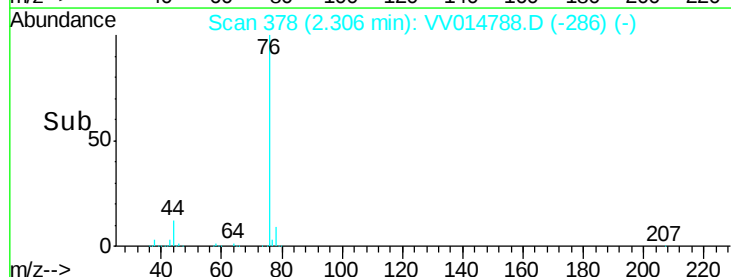
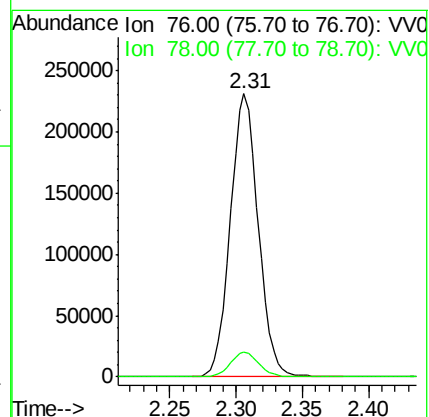
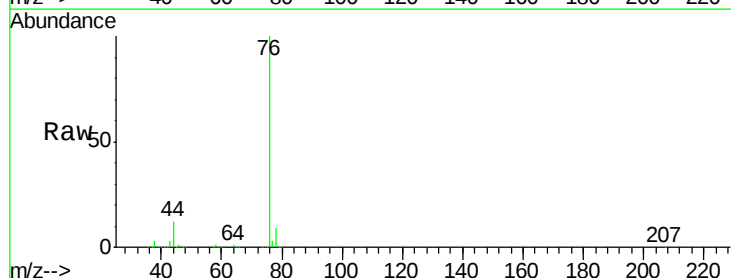
Acq: 09 Mar 2020 20:14

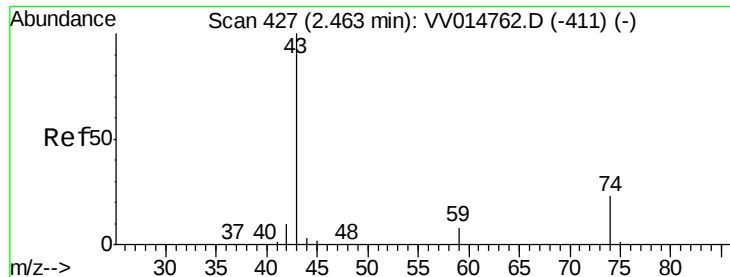
Tgt Ion: 76 Resp: 338124

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

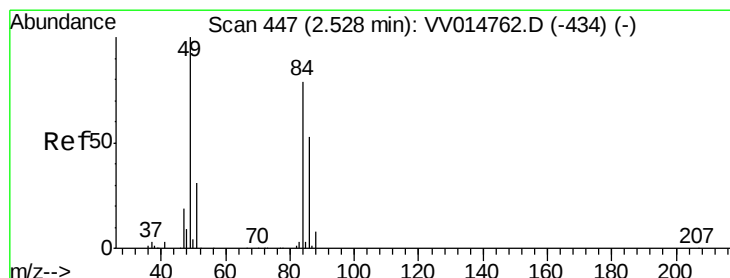
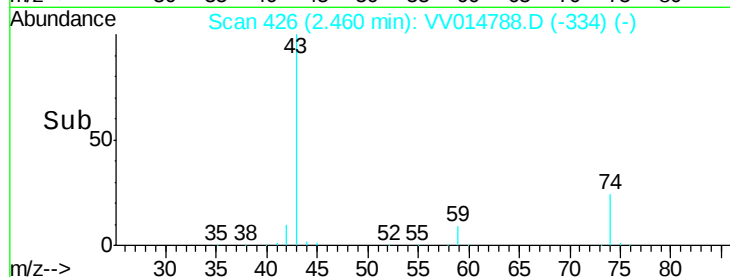
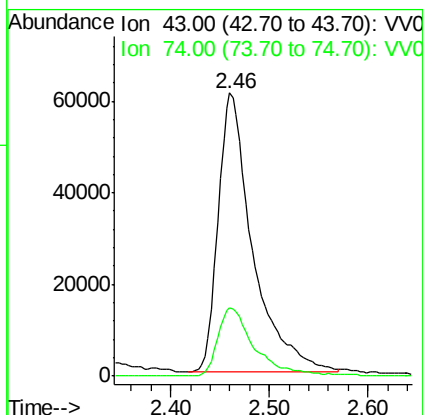
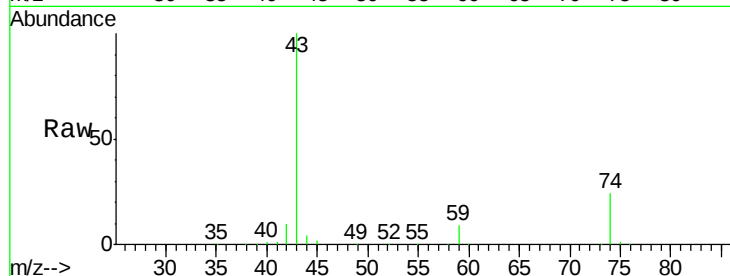




#15
Methyl Acetate
Concen: 44.48 ug/L
RT: 2.46 min Scan# 426
Delta R.T. -0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

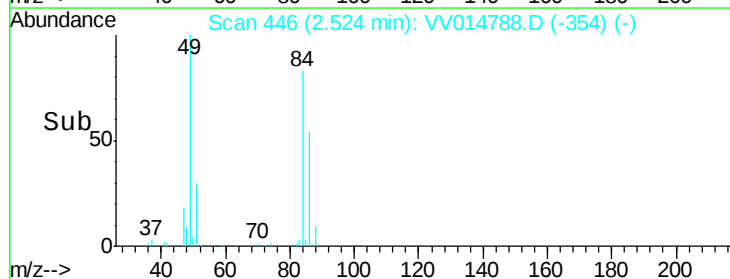
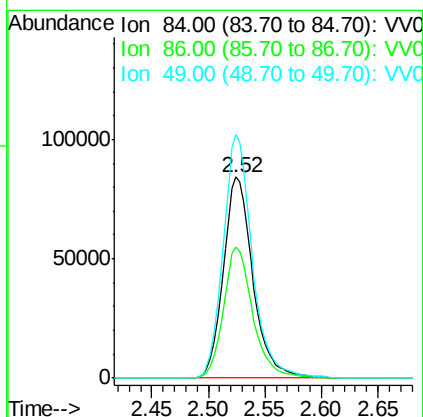
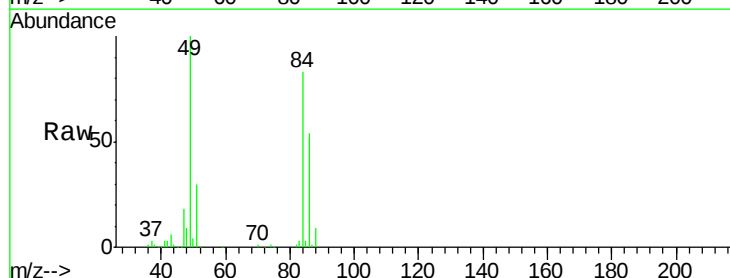
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

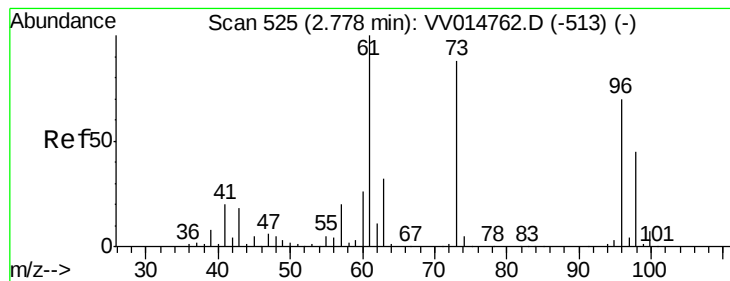
Tgt Ion: 43 Resp: 148458
Ion Ratio Lower Upper
43 100
74 25.9 17.9 26.9



#16
Methylene chloride
Concen: 49.26 ug/L
RT: 2.52 min Scan# 446
Delta R.T. -0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

Tgt Ion: 84 Resp: 153199
Ion Ratio Lower Upper
84 100
86 65.0 47.3 87.9
49 121.2 88.7 164.7





#17

trans-1,2-Dichloroethene

Concen: 48.47 ug/L

RT: 2.78 min Scan# 525

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

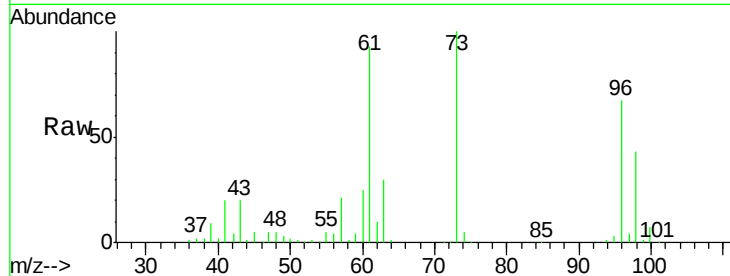
Tgt Ion: 96 Resp: 137138

Ion Ratio Lower Upper

96 100

61 138.7 100.5 186.7

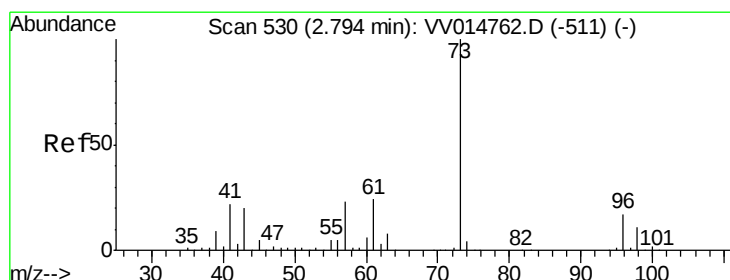
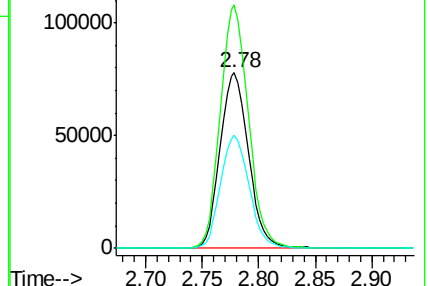
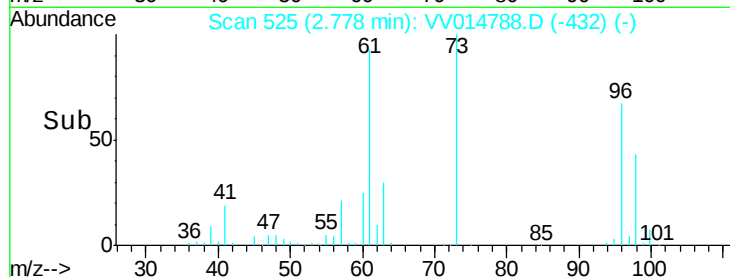
98 64.5 45.1 83.7



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 49.82 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

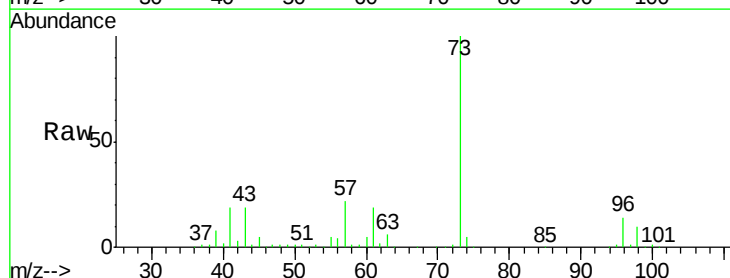
Tgt Ion: 73 Resp: 461475

Ion Ratio Lower Upper

73 100

43 18.8 15.9 23.9

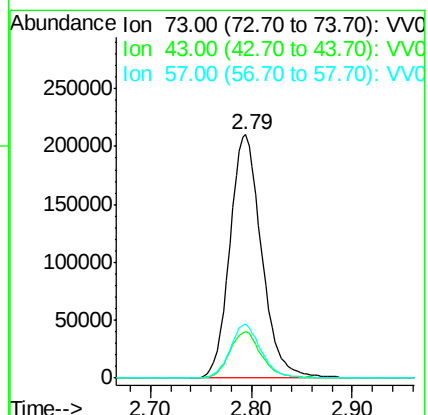
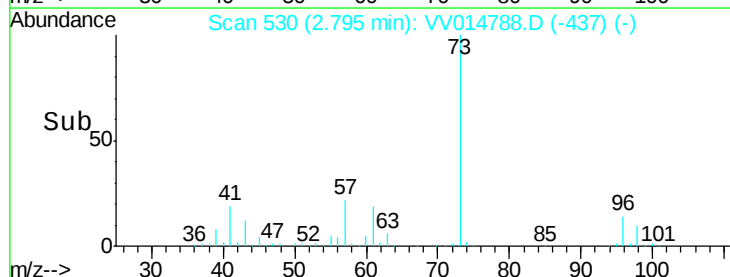
57 21.7 18.0 27.0

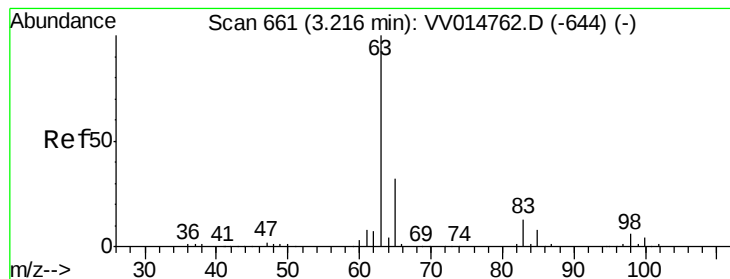


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 47.02 ug/L

RT: 3.21 min Scan# 660

Delta R.T. -0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

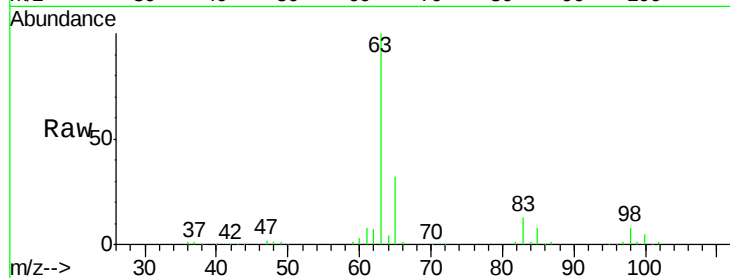
Tgt Ion: 63 Resp: 259834

Ion Ratio Lower Upper

63 100

65 31.9 22.5 41.7

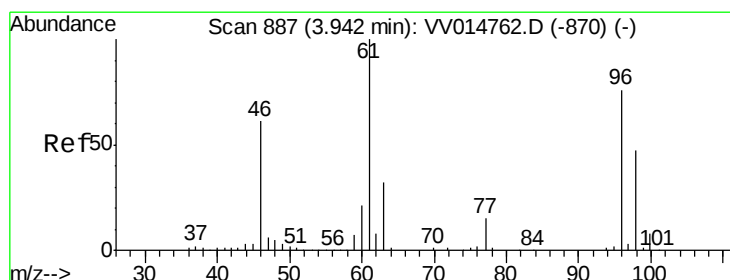
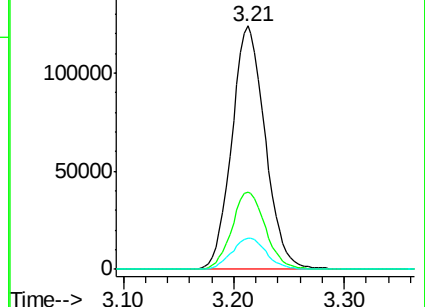
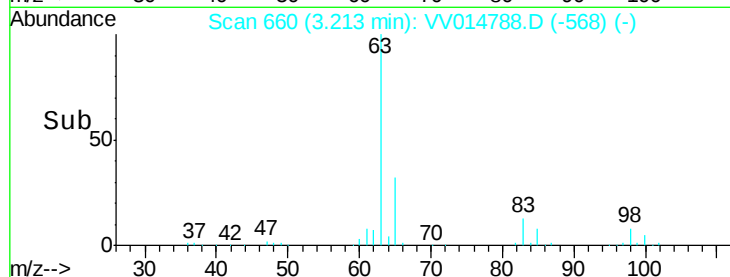
83 13.0 9.1 16.9



Abundance Ion 63.00 (62.70 to 63.70): VV014788.D (-568) (-)

Ion 65.00 (64.70 to 65.70): VV014788.D (-568) (-)

Ion 83.00 (82.70 to 83.70): VV014788.D (-568) (-)



#20

cis-1,2-Dichloroethene

Concen: 49.32 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

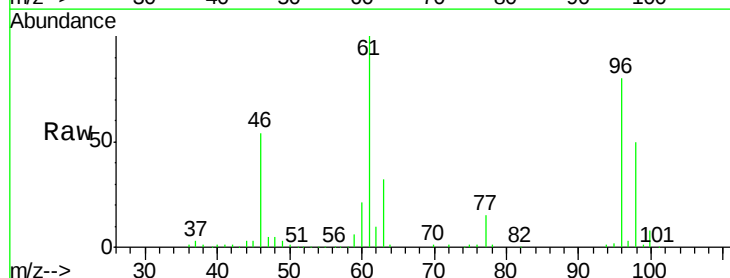
Tgt Ion: 96 Resp: 156064

Ion Ratio Lower Upper

96 100

61 125.0 92.2 171.2

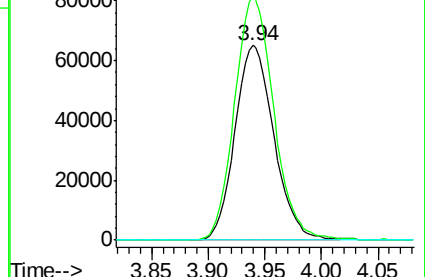
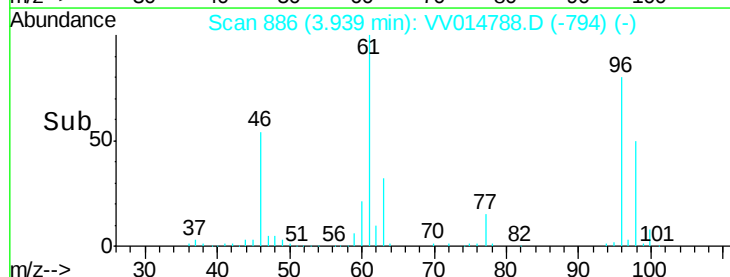
68 0.0 0.0 0.0

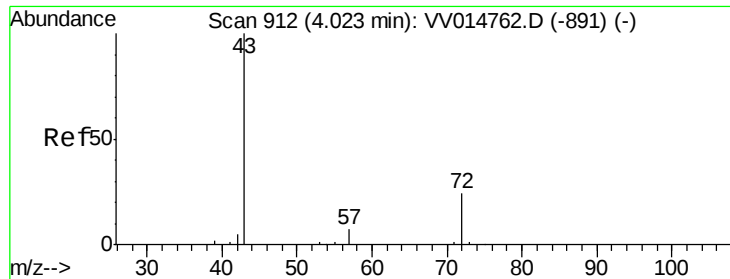


Abundance Ion 96.00 (95.70 to 96.70): VV014788.D (-794) (-)

Ion 61.00 (60.70 to 61.70): VV014788.D (-794) (-)

Ion 68.00 (67.70 to 68.70): VV014788.D (-794) (-)





#22

2-Butanone

Concen: 91.21 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampled :

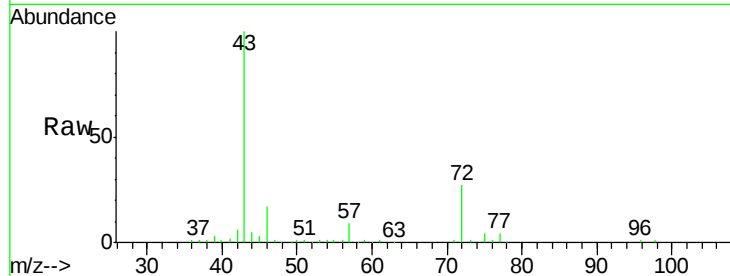
VSTD05079

Tgt Ion: 43 Resp: 213748

Ion Ratio Lower Upper

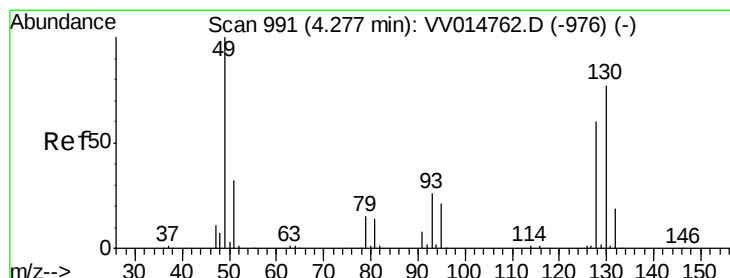
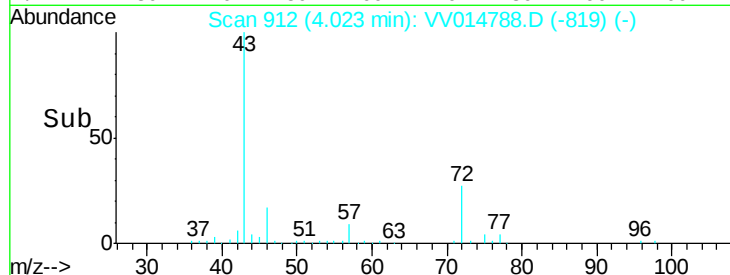
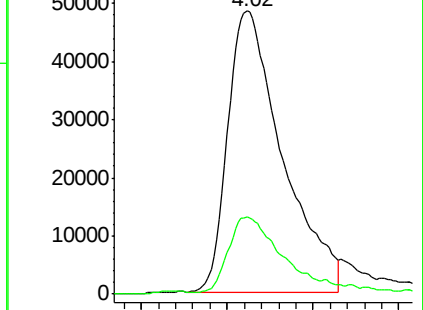
43 100

72 25.3 12.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VV014788.D (-891) (-)

Ion 72.00 (71.70 to 72.70): VV014788.D (-891) (-)



#23

Bromochloromethane

Concen: 49.05 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Tgt Ion: 128 Resp: 79015

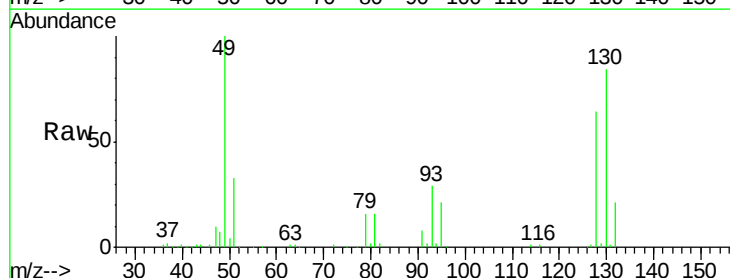
Ion Ratio Lower Upper

128 100

49 156.3 116.3 215.9

130 131.6 88.9 165.1

51 51.2 43.0 64.6

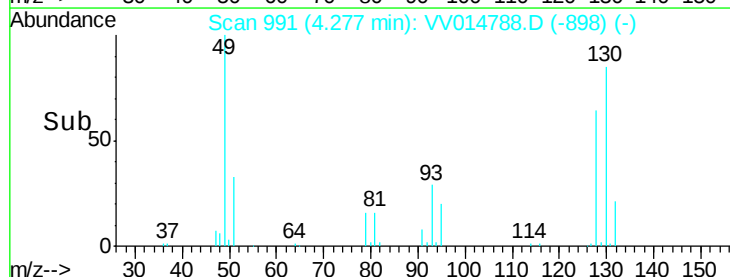
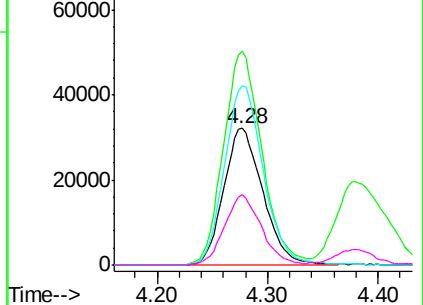


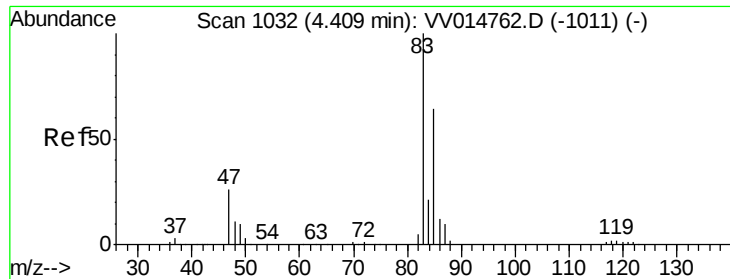
Abundance Ion 128.00 (127.70 to 128.70): VV014788.D (-898) (-)

Ion 49.00 (48.70 to 49.70): VV014788.D (-898) (-)

Ion 130.00 (129.70 to 130.70): VV014788.D (-898) (-)

Ion 51.00 (50.70 to 51.70): VV014788.D (-898) (-)

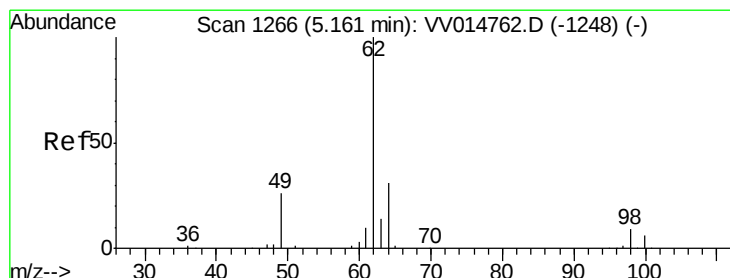
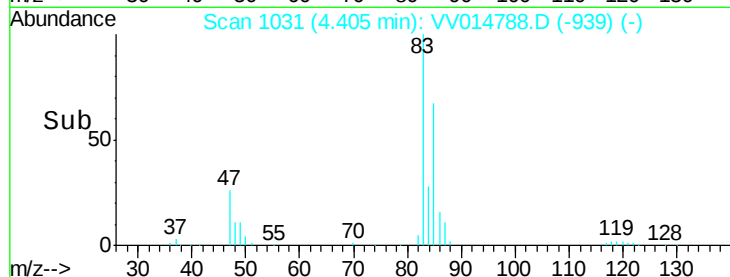
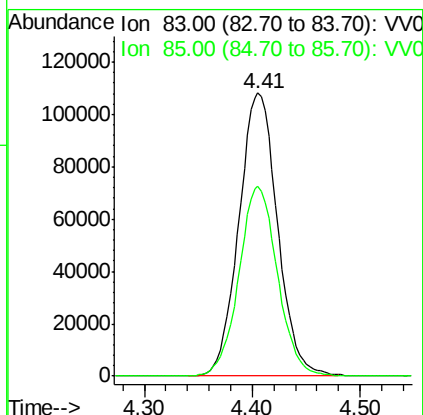
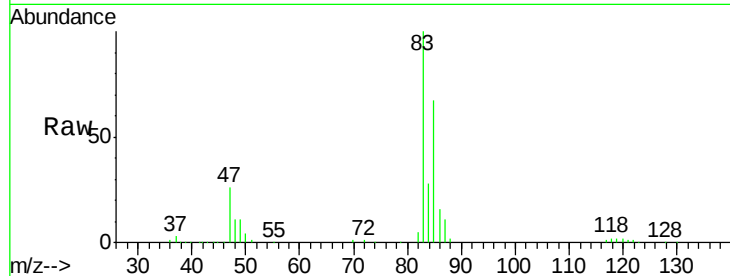




#25
Chloroform
Concen: 47.08 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

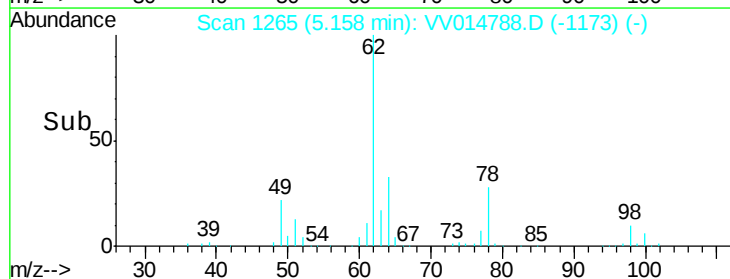
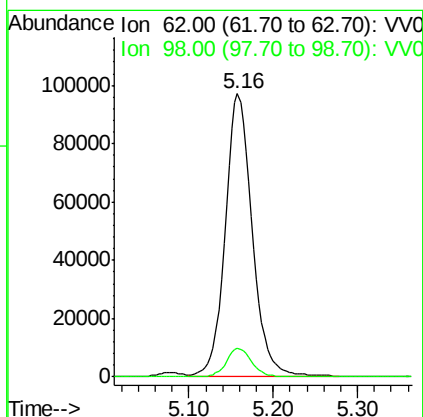
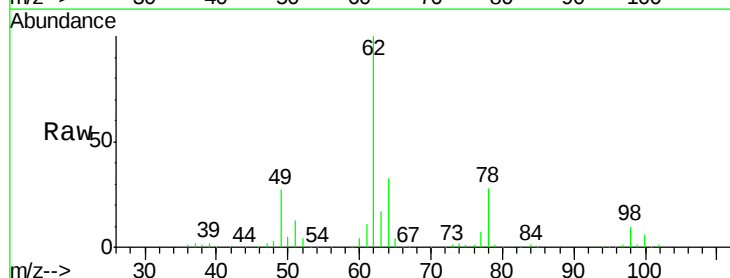
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

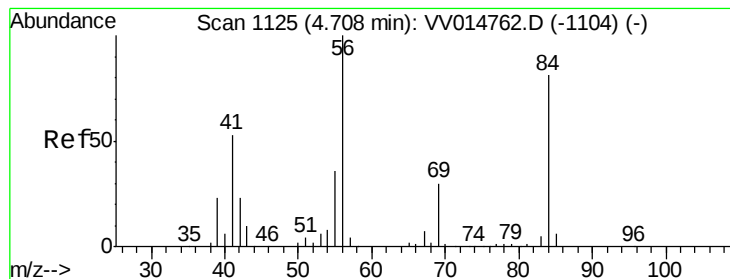
Tgt Ion: 83 Resp: 269521
Ion Ratio Lower Upper
83 100
85 67.1 45.1 83.9



#27
1,2-Dichloroethane
Concen: 48.65 ug/L
RT: 5.16 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

Tgt Ion: 62 Resp: 215835
Ion Ratio Lower Upper
62 100
98 10.0 7.2 10.8





#29

Cyclohexane

Concen: 46.35 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. -0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

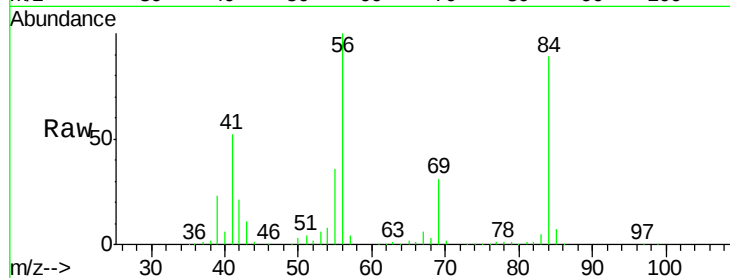
Tgt Ion: 56 Resp: 236682

Ion Ratio Lower Upper

56 100

69 30.8 23.5 35.3

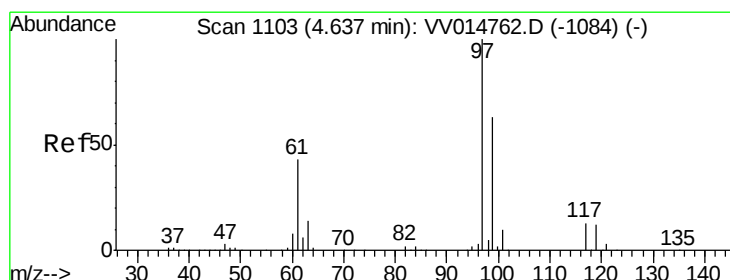
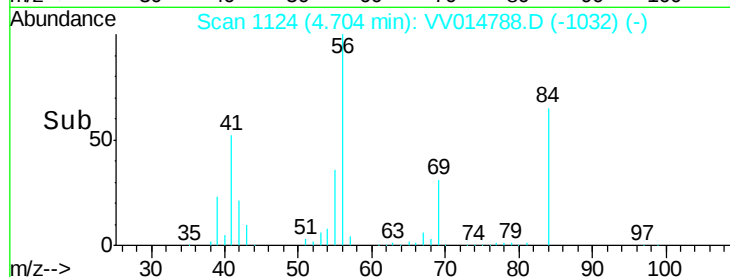
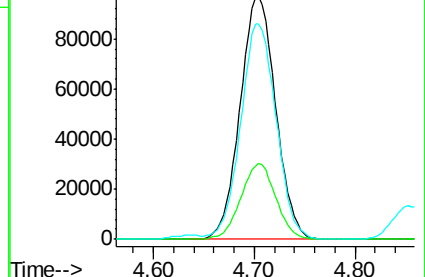
84 88.5 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VV014762.D (-1104) (-)

Ion 69.00 (68.70 to 69.70): VV014762.D (-1104) (-)

Ion 84.00 (83.70 to 84.70): VV014762.D (-1104) (-)



#30

1,1,1-Trichloroethane

Concen: 49.89 ug/L

RT: 4.64 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

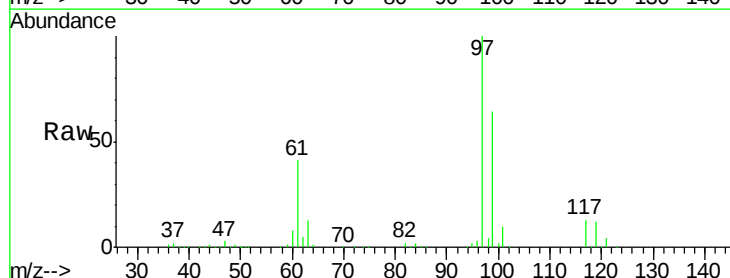
Tgt Ion: 97 Resp: 242446

Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

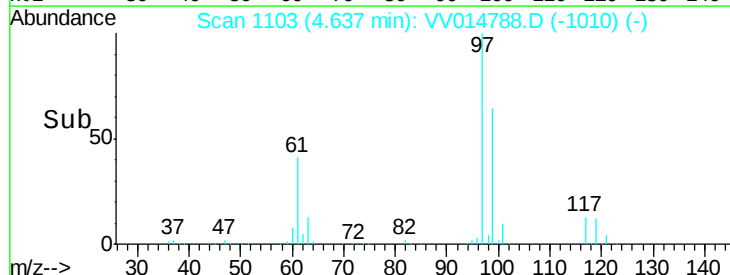
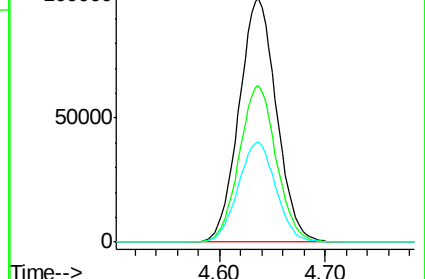
61 41.2 34.6 52.0

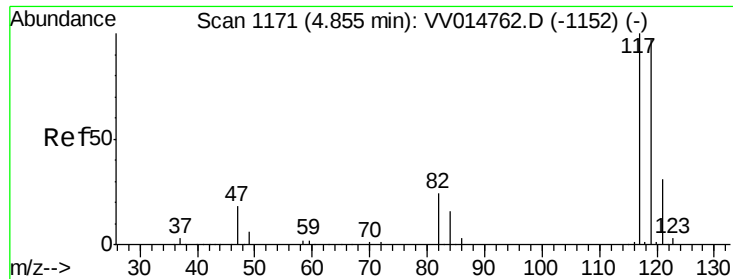


Abundance Ion 97.00 (96.70 to 97.70): VV014762.D (-1084) (-)

Ion 99.00 (98.70 to 99.70): VV014762.D (-1084) (-)

Ion 61.05 (60.75 to 61.75): VV014762.D (-1084) (-)





#31

Carbon tetrachloride

Concen: 51.32 ug/L

RT: 4.86 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

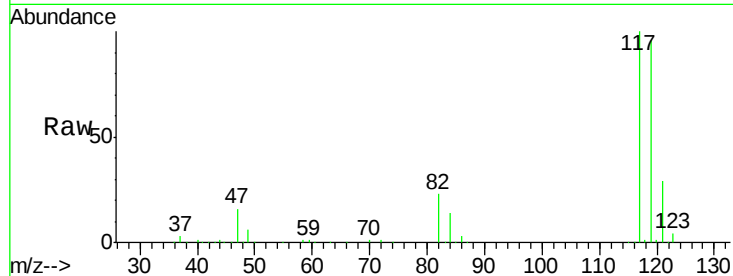
VSTD05079

Tgt Ion:117 Resp: 211814

Ion Ratio Lower Upper

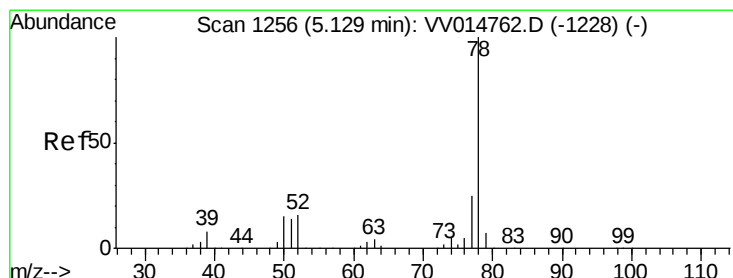
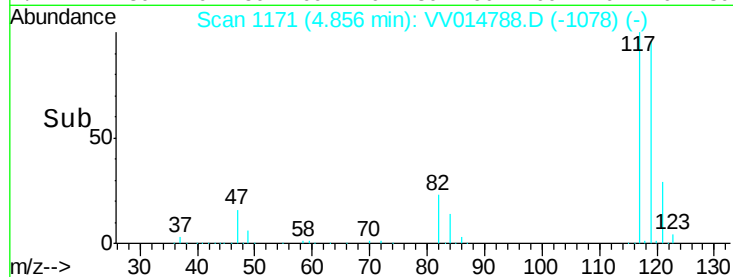
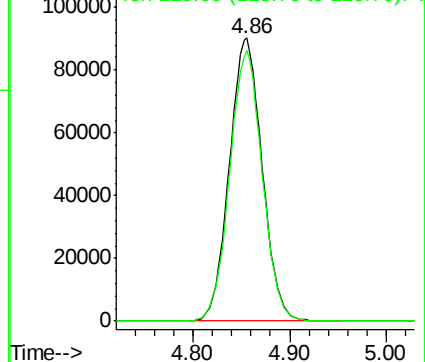
117 100

119 95.2 76.5 114.7



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 48.39 ug/L

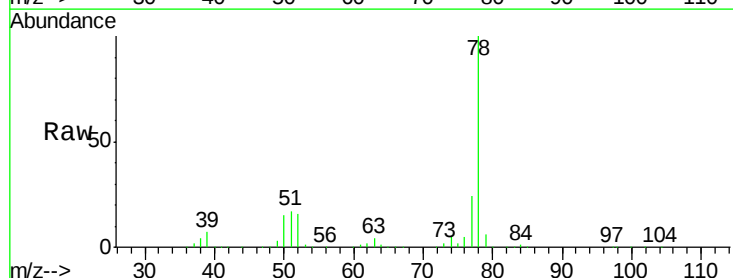
RT: 5.13 min Scan# 1255

Delta R.T. -0.00 min

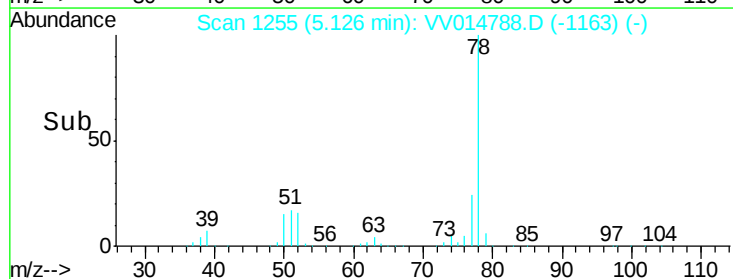
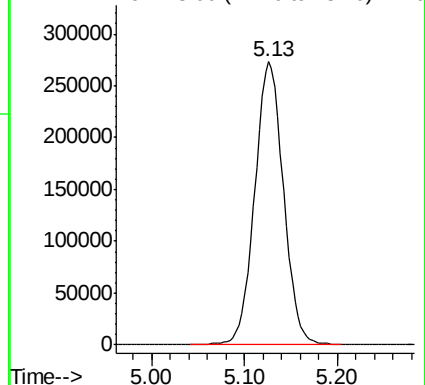
Lab File: VV014788.D

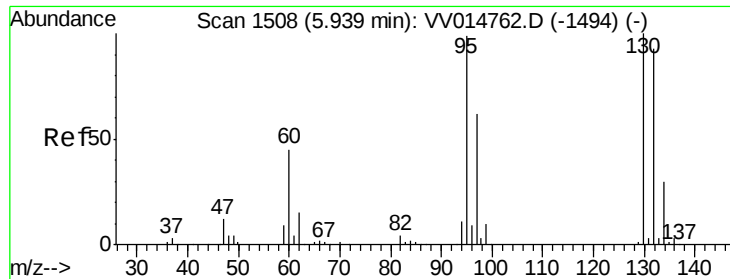
Acq: 09 Mar 2020 20:14

Tgt Ion: 78 Resp: 587565



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 47.24 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

Tgt Ion: 95 Resp: 149917

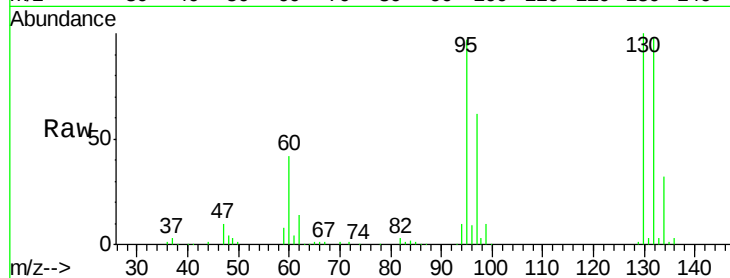
Ion Ratio Lower Upper

95 100

97 64.1 43.8 81.4

132 101.1 65.8 122.2

130 102.8 70.6 131.2

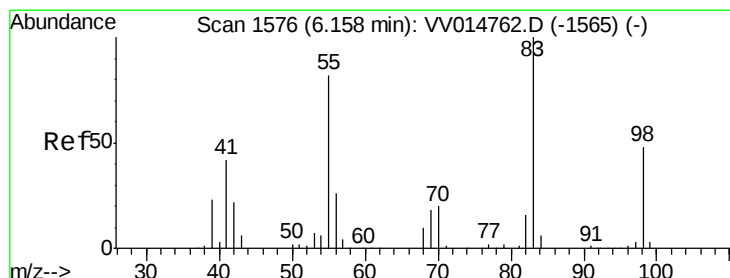
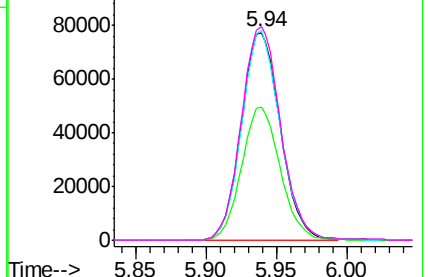
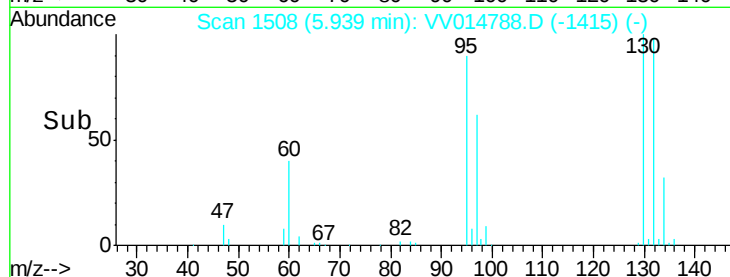


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 47.84 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. -0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

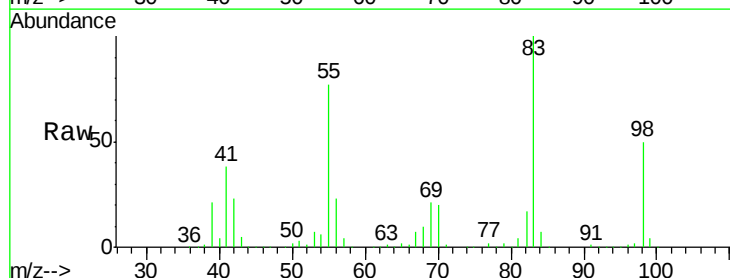
Tgt Ion: 83 Resp: 250609

Ion Ratio Lower Upper

83 100

55 76.3 63.4 95.2

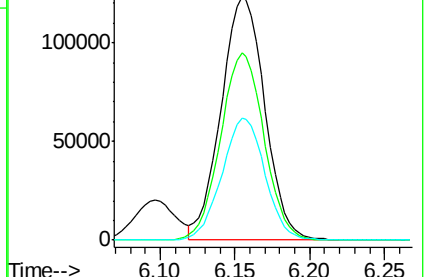
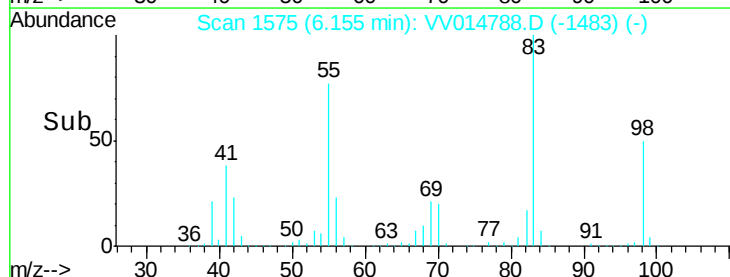
98 49.6 36.8 55.2

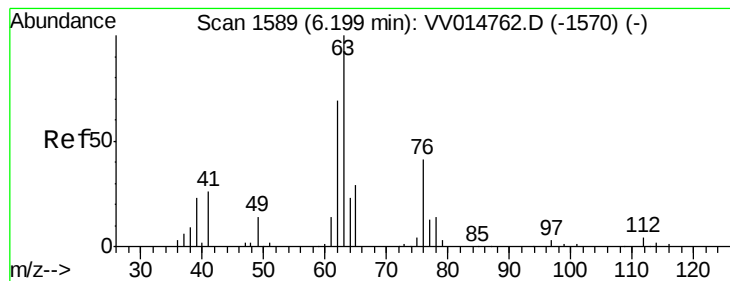


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 45.91 ug/L

RT: 6.20 min Scan# 1589

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

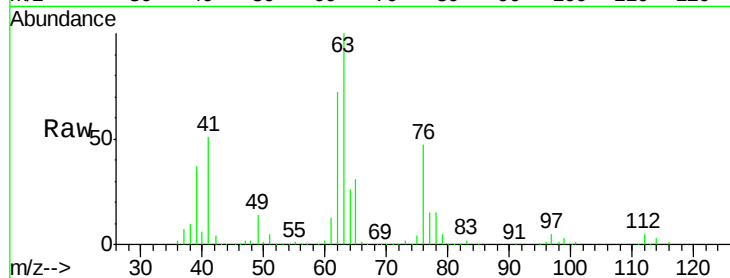
VSTD05079

Tgt Ion: 63 Resp: 150650

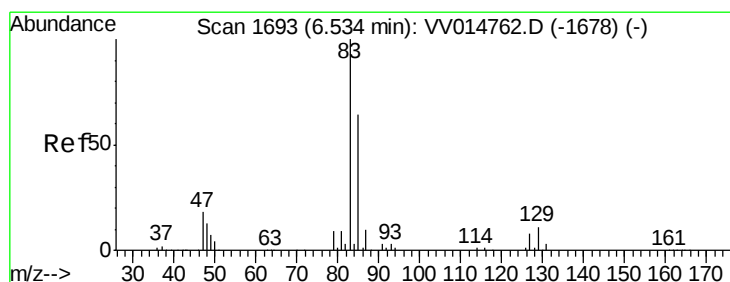
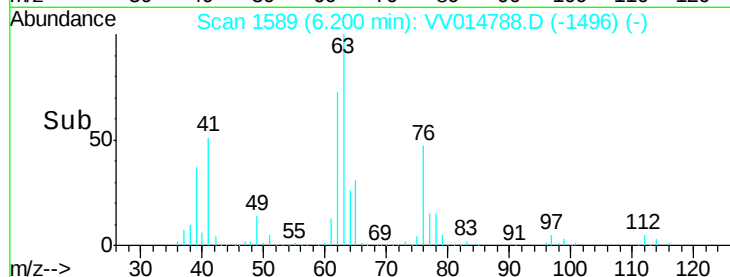
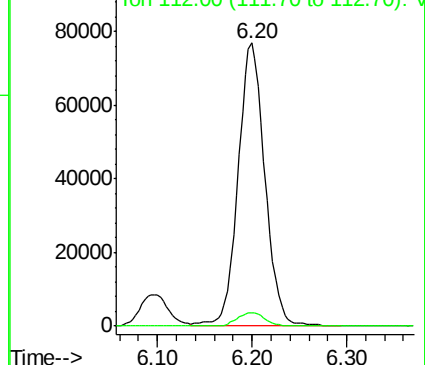
Ion Ratio Lower Upper

63 100

112 5.0 3.2 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VV014788.D (-1496) (-)



#38

Bromodichloromethane

Concen: 48.58 ug/L

RT: 6.53 min Scan# 1693

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

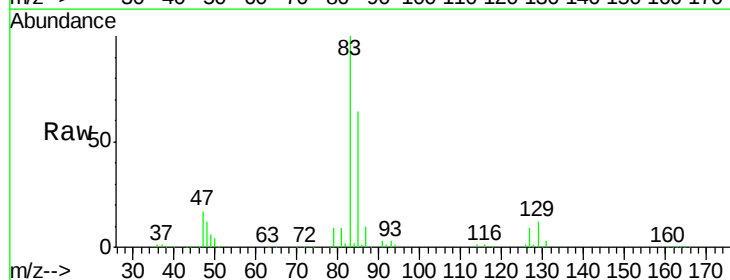
Tgt Ion: 83 Resp: 202754

Ion Ratio Lower Upper

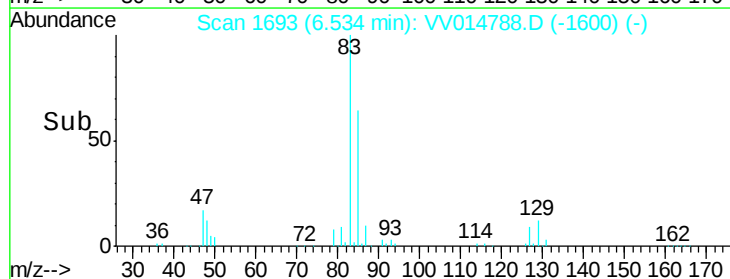
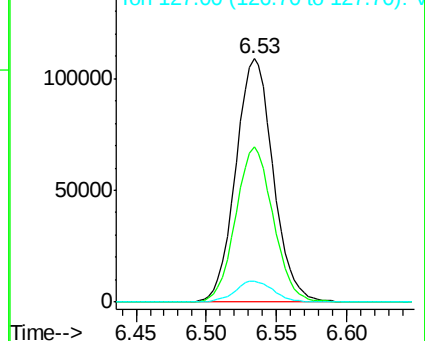
83 100

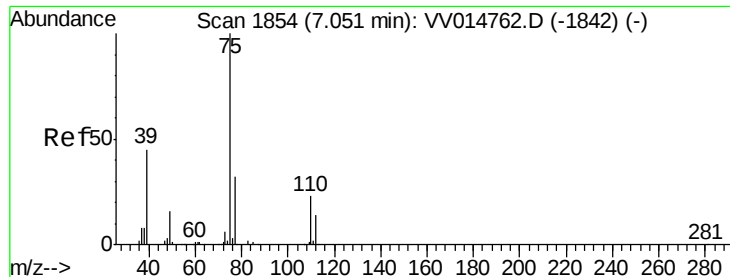
85 63.6 45.1 83.7

127 8.6 6.7 10.1



Abundance Ion 83.00 (82.70 to 83.70): VV014788.D (-1600) (-)





#39

cis-1,3-Dichloropropene

Concen: 47.47 ug/L

RT: 7.05 min Scan# 1853

Delta R.T. -0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampled :

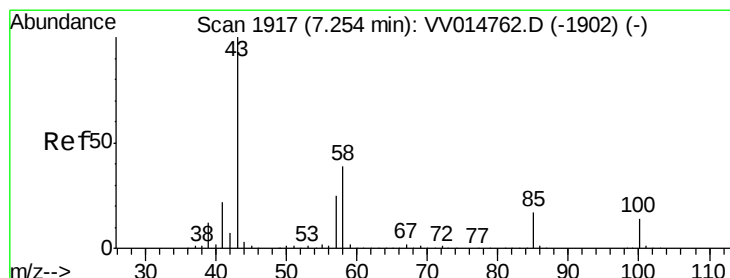
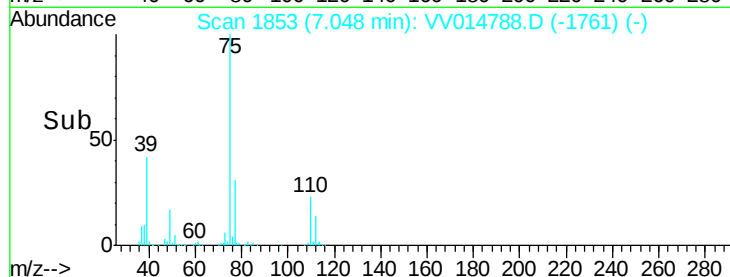
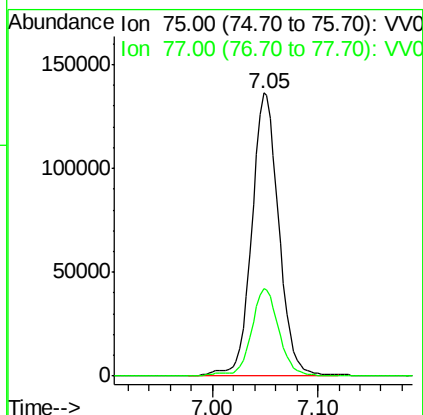
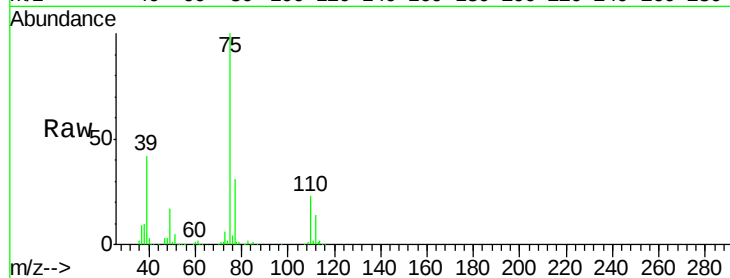
VSTD05079

Tgt Ion: 75 Resp: 244152

Ion Ratio Lower Upper

75 100

77 30.8 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 92.12 ug/L

RT: 7.25 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

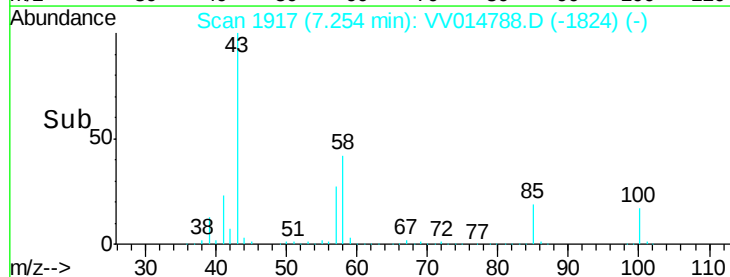
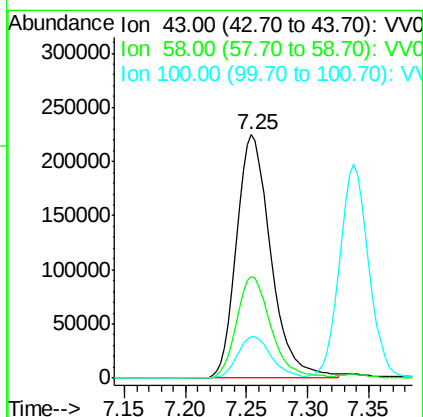
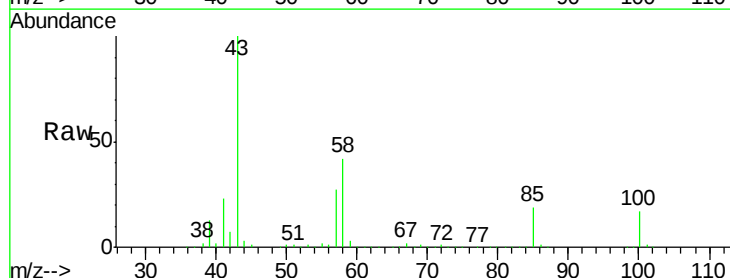
Tgt Ion: 43 Resp: 438046

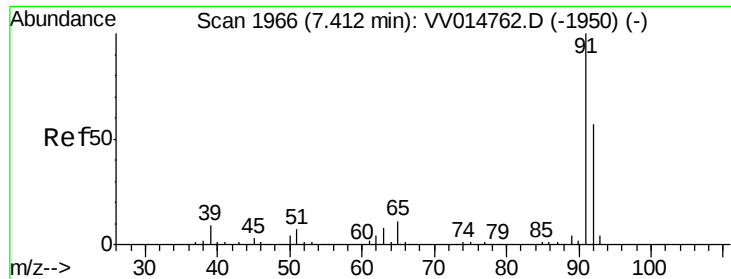
Ion Ratio Lower Upper

43 100

58 41.7 31.0 46.4

100 17.0 11.2 16.8#





#42

Toluene

Concen: 48.35 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

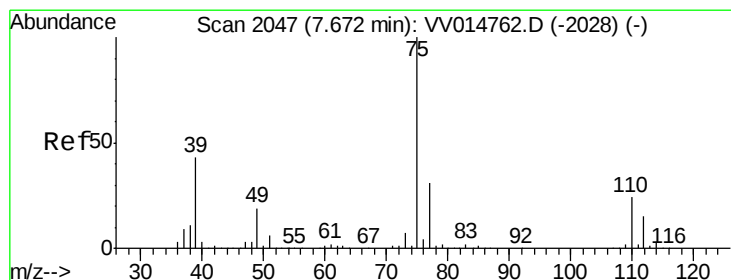
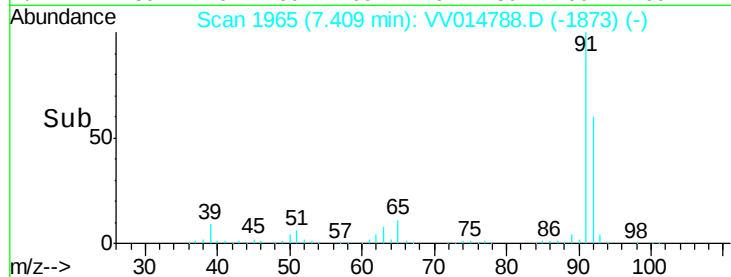
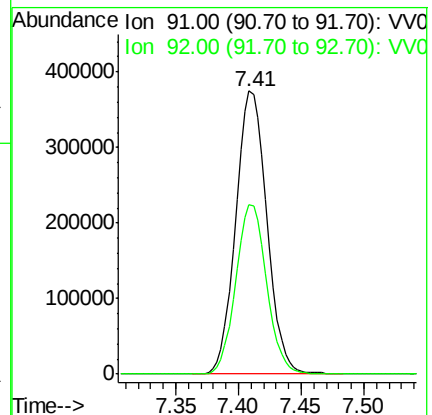
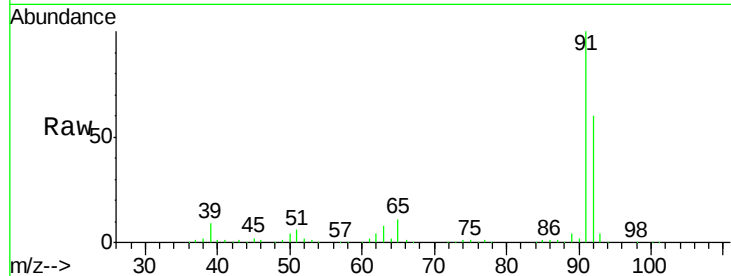
VSTD05079

Tgt Ion: 91 Resp: 647673

Ion Ratio Lower Upper

91 100

92 60.1 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 46.34 ug/L

RT: 7.67 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VV014788.D

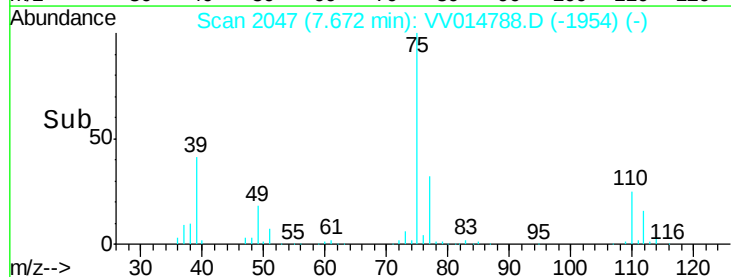
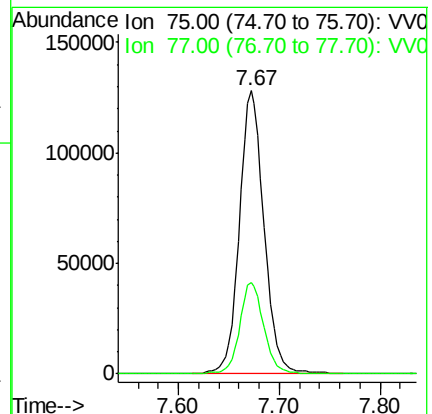
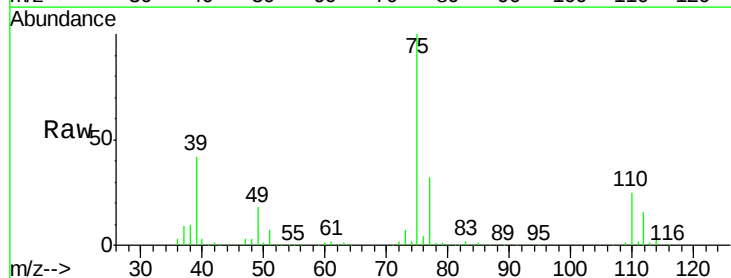
Acq: 09 Mar 2020 20:14

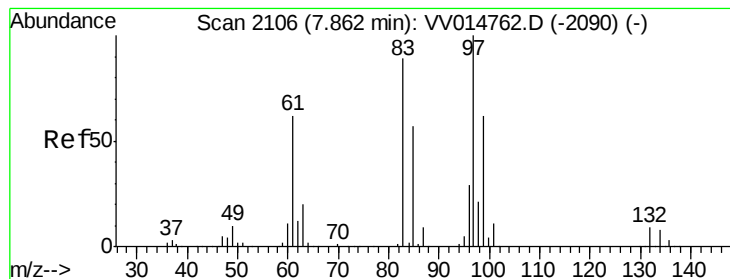
Tgt Ion: 75 Resp: 217253

Ion Ratio Lower Upper

75 100

77 32.5 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 48.96 ug/L

RT: 7.86 min Scan# 2106

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

Tgt Ion: 97 Resp: 147949

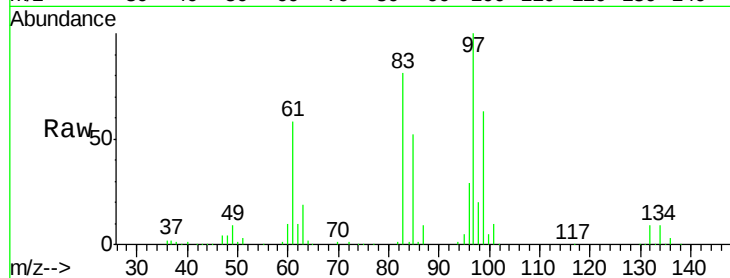
Ion Ratio Lower Upper

97 100

99 63.0 43.1 80.1

83 80.5 62.4 115.8

85 51.7 40.1 74.5

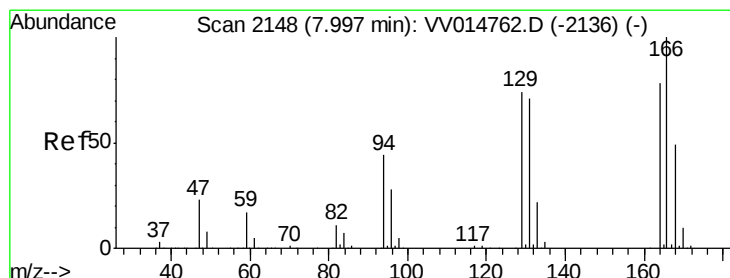
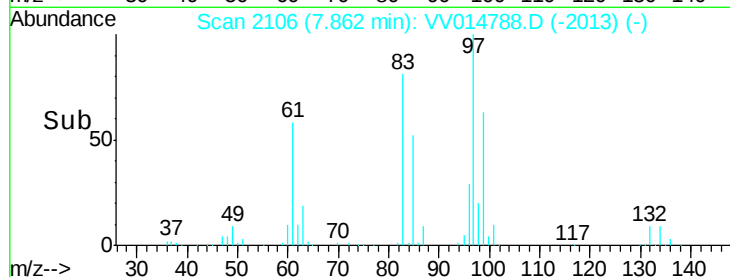
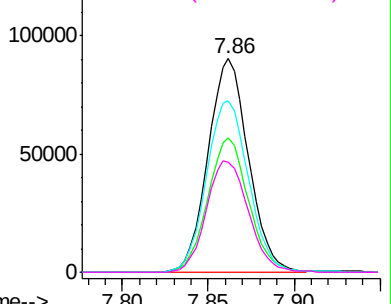


Abundance Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46

Tetrachloroethene

Concen: 50.18 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Tgt Ion: 164 Resp: 130282

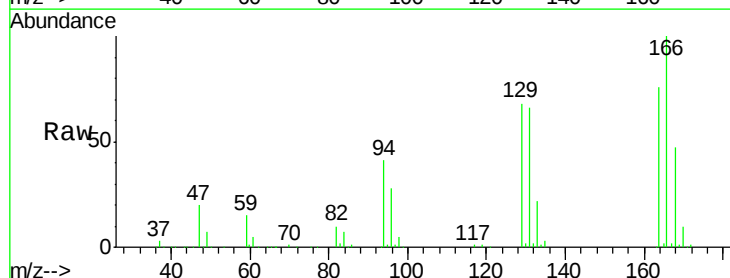
Ion Ratio Lower Upper

164 100

129 89.5 66.0 122.6

131 87.2 63.9 118.7

166 131.2 89.7 166.7

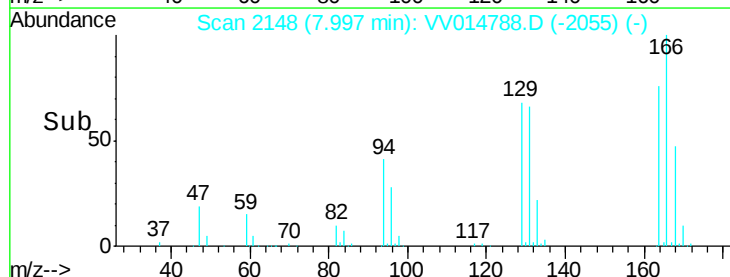
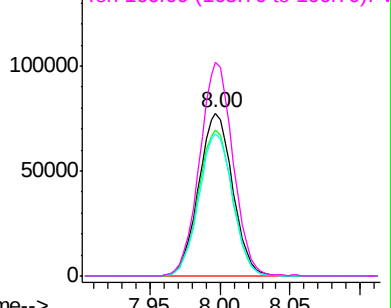


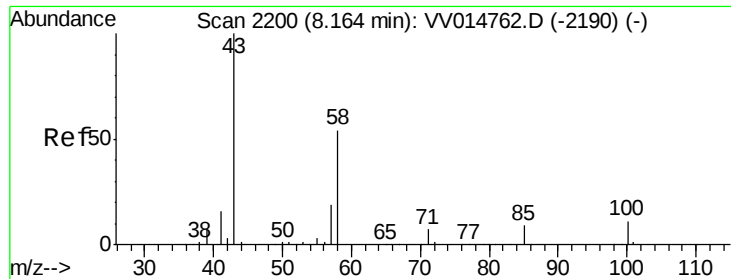
Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

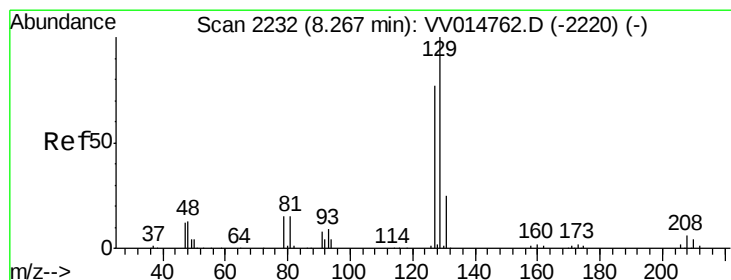
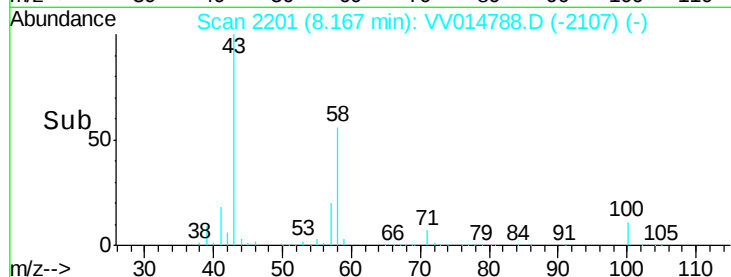
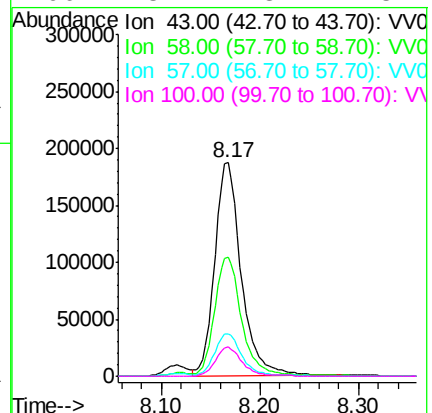
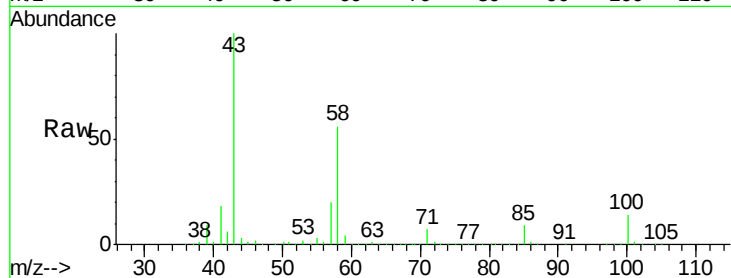




#48
2-Hexanone
Concen: 93.63 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

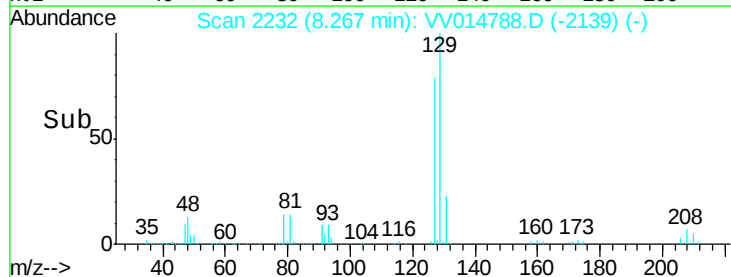
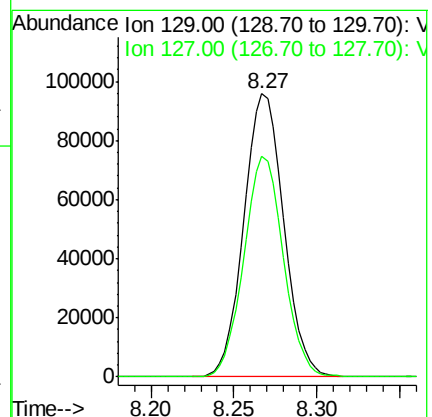
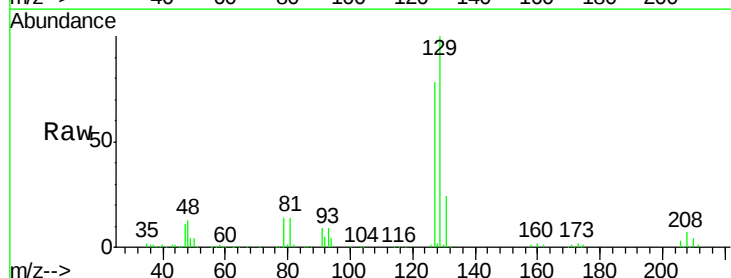
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

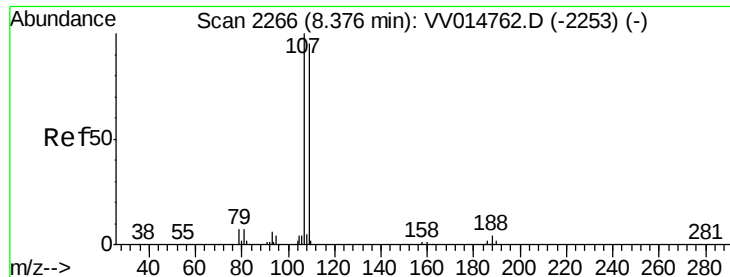
Tgt Ion: 43 Resp: 350175
Ion Ratio Lower Upper
43 100
58 56.7 43.3 64.9
57 20.1 15.6 23.4
100 13.7 8.7 13.1#



#49
Dibromochloromethane
Concen: 48.83 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

Tgt Ion: 129 Resp: 160823
Ion Ratio Lower Upper
129 100
127 77.8 53.9 100.1

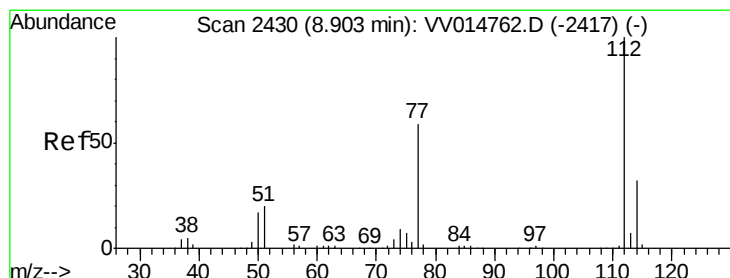
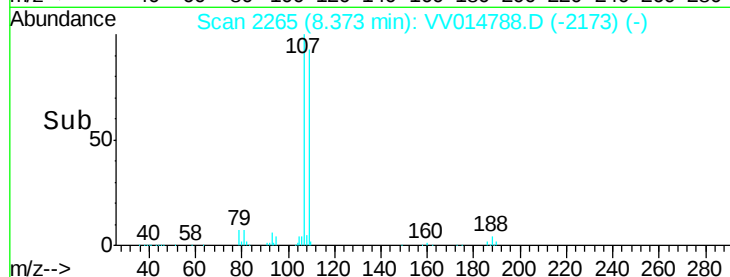
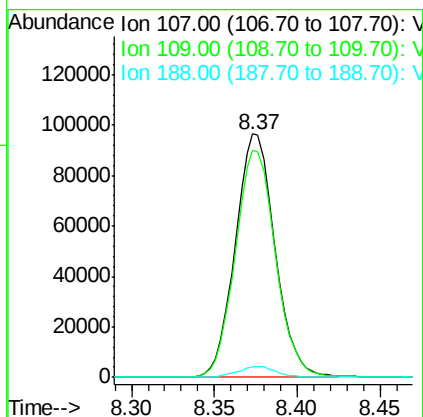
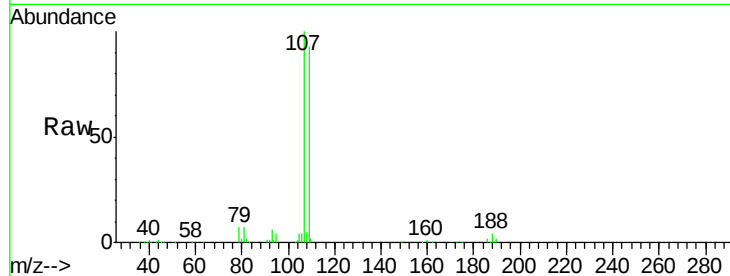




#50
1,2-Dibromoethane
Concen: 49.08 ug/L
RT: 8.37 min Scan# 2265
Delta R.T. -0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

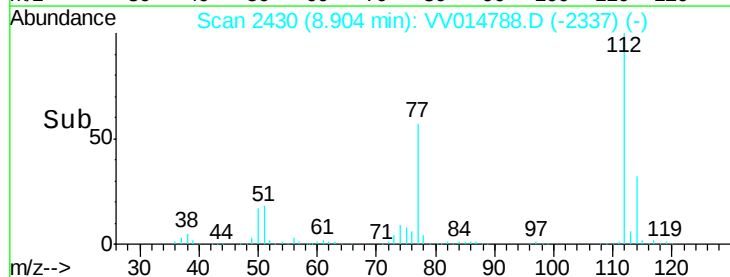
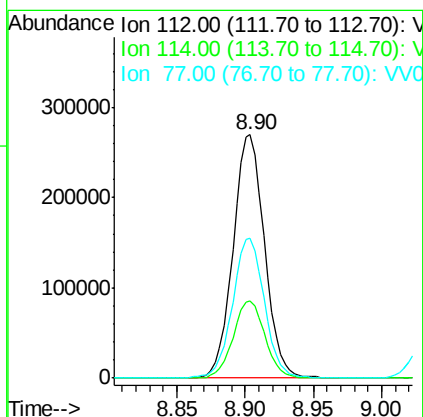
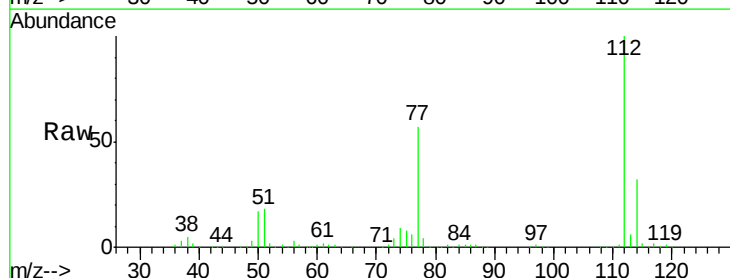
Instrument :
MSVOA_V
ClientSampleId :
VSTD05079

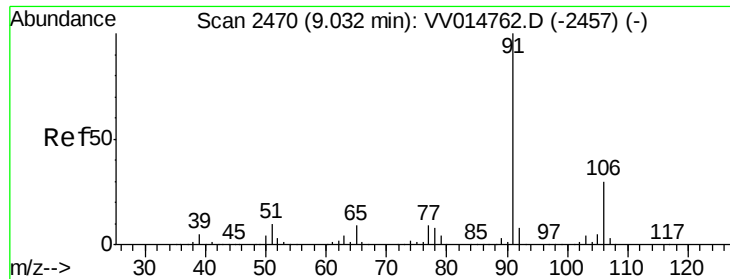
Tgt Ion:107 Resp: 160333
Ion Ratio Lower Upper
107 100
109 93.3 66.6 123.6
188 4.5 3.0 4.6



#51
Chlorobenzene
Concen: 50.05 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

Tgt Ion:112 Resp: 431399
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 57.3 47.8 71.8





#52

Ethylbenzene

Concen: 48.79 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

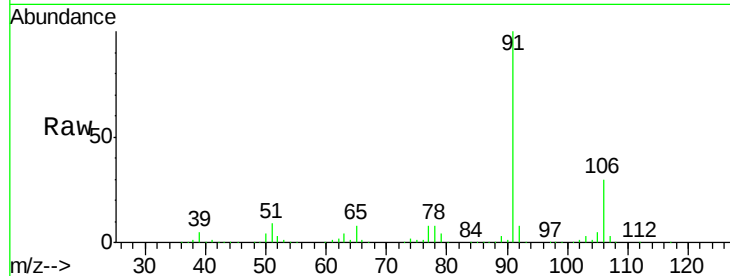
VSTD05079

Tgt Ion: 91 Resp: 736380

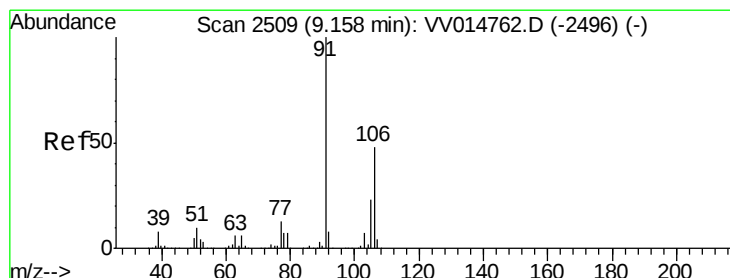
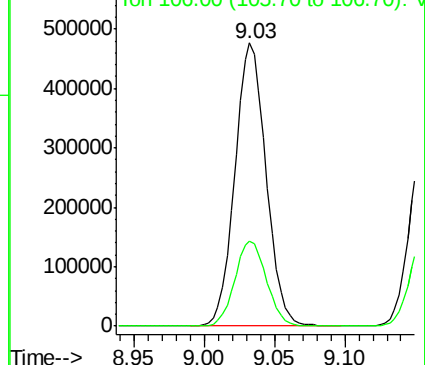
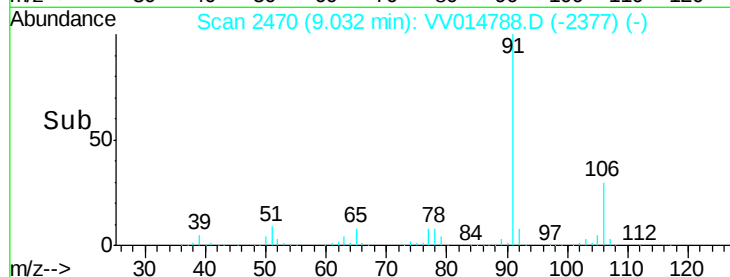
Ion Ratio Lower Upper

91 100

106 30.1 21.3 39.6



Abundance Ion 91.00 (90.70 to 91.70): VV014788.D (-2377) (-)



#53

m,p-Xylene

Concen: 49.76 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VV014788.D

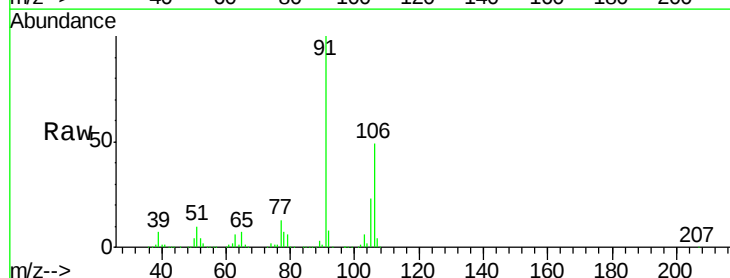
Acq: 09 Mar 2020 20:14

Tgt Ion: 106 Resp: 281826

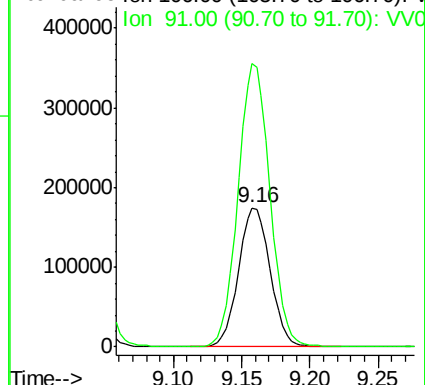
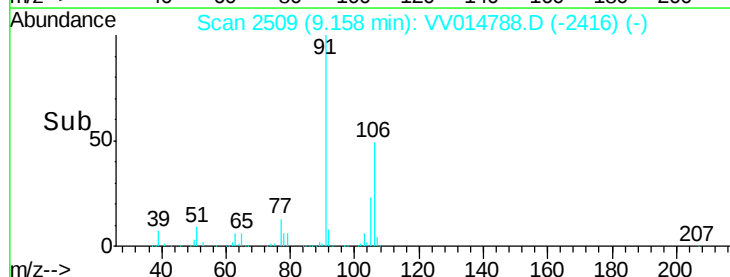
Ion Ratio Lower Upper

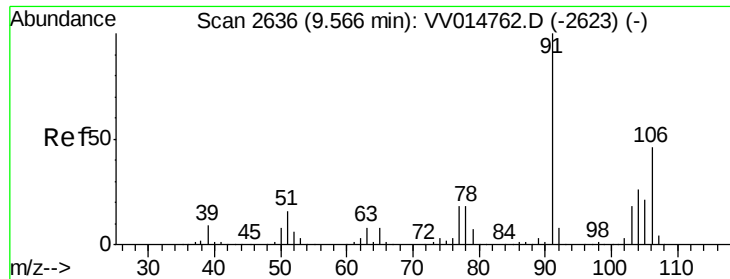
106 100

91 203.6 145.1 269.5



Abundance Ion 106.00 (105.70 to 106.70): VV014788.D (-2416) (-)

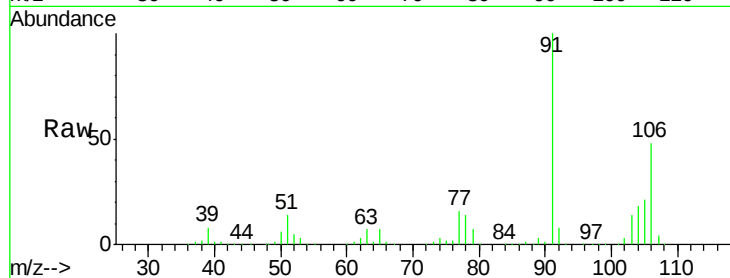




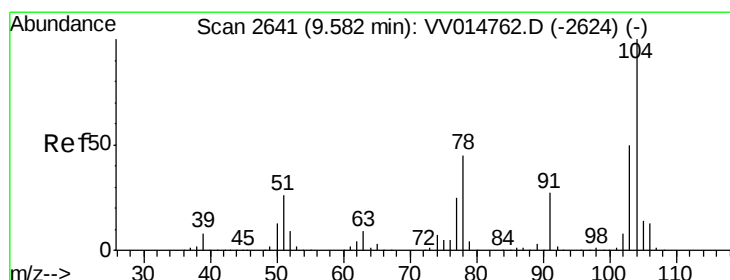
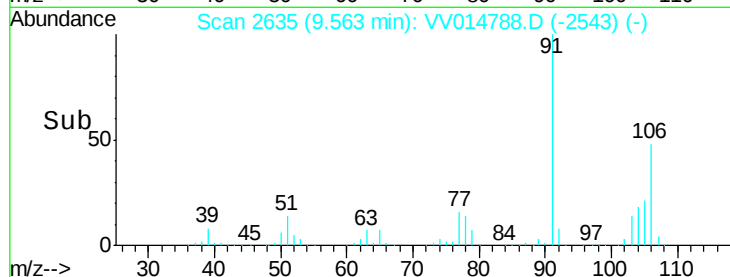
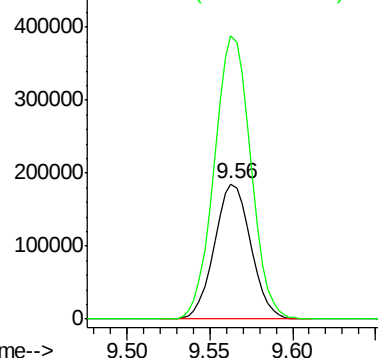
#54
o-xylene
Concen: 50.81 ug/L
RT: 9.56 min Scan# 2635
Delta R.T. -0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

Instrument :
MSVOA_V
ClientSampled :
VSTD05079

Tgt Ion:106 Resp: 282687
Ion Ratio Lower Upper
106 100
91 209.5 152.5 283.3

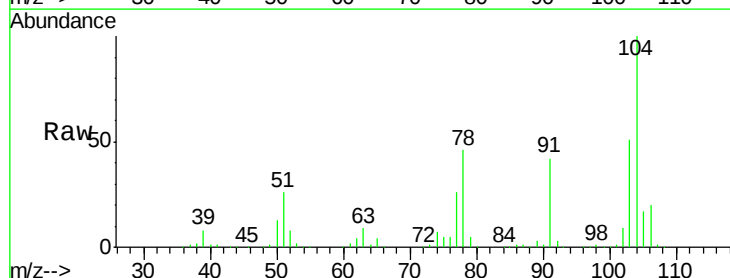


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

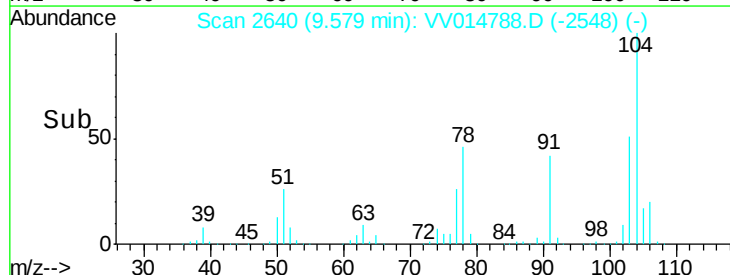
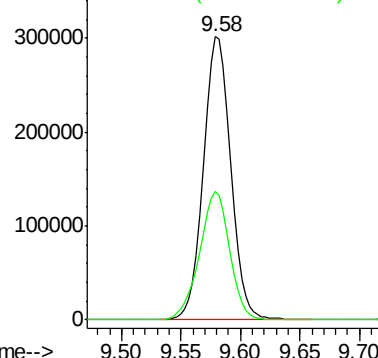


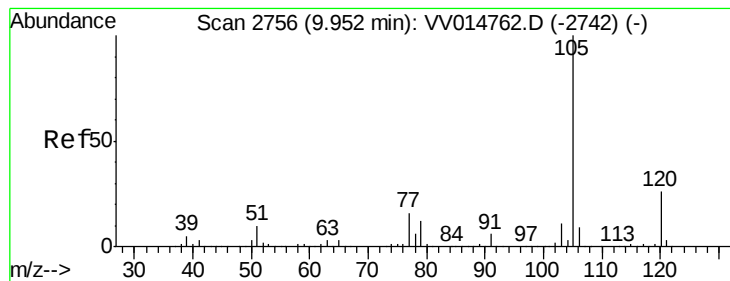
#55
Styrene
Concen: 50.74 ug/L
RT: 9.58 min Scan# 2640
Delta R.T. -0.00 min
Lab File: VV014788.D
Acq: 09 Mar 2020 20:14

Tgt Ion:104 Resp: 482712
Ion Ratio Lower Upper
104 100
78 45.5 31.6 58.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VV0





#56

Isopropylbenzene

Concen: 49.99 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

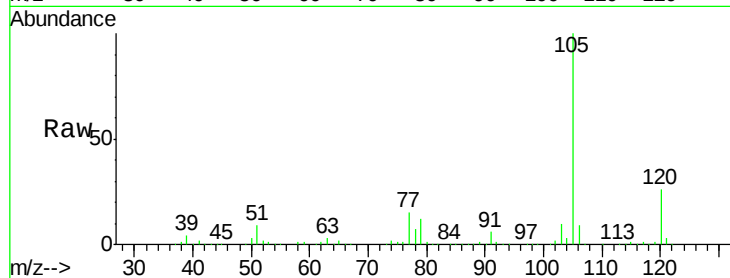
Tgt Ion: 105 Resp: 744950

Ion Ratio Lower Upper

105 100

120 26.2 20.6 31.0

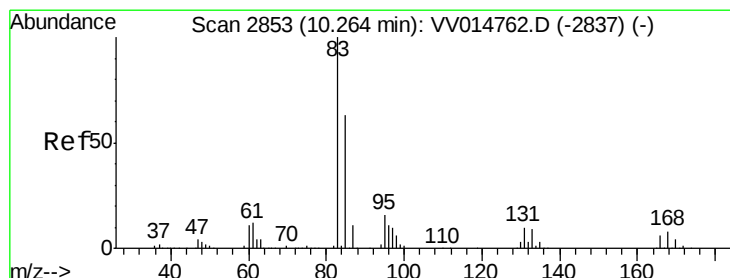
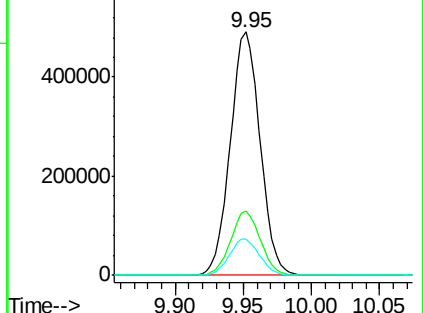
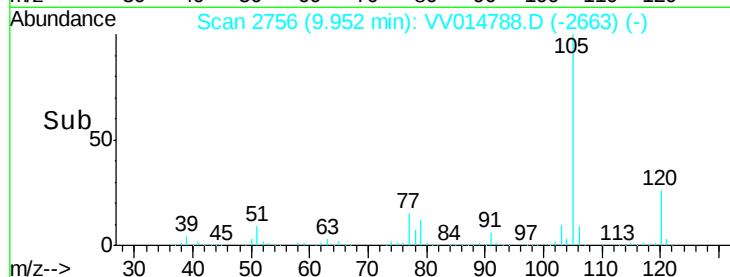
77 15.0 12.7 19.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 47.77 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

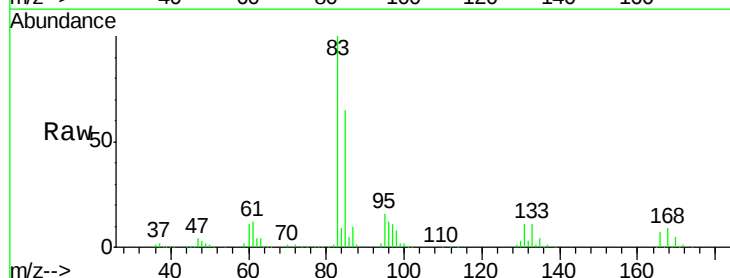
Tgt Ion: 83 Resp: 248627

Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.5

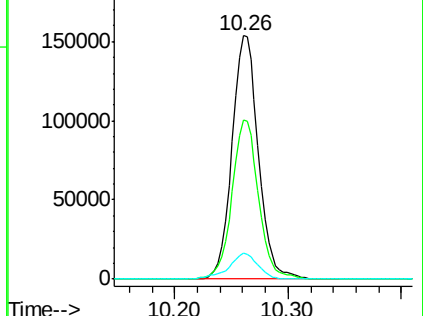
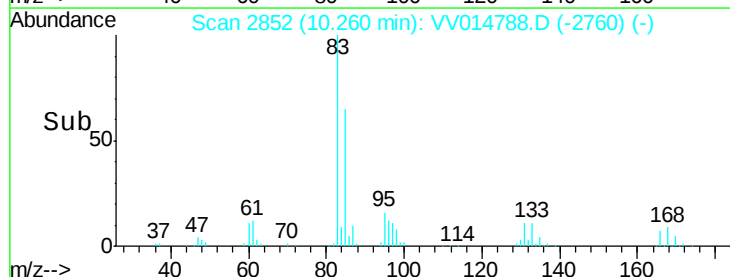
131 10.6 7.8 11.8

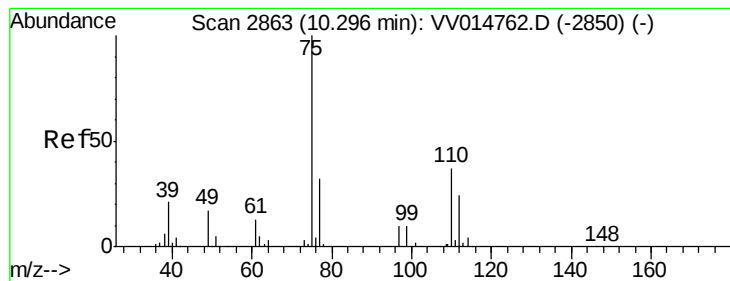


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 48.71 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

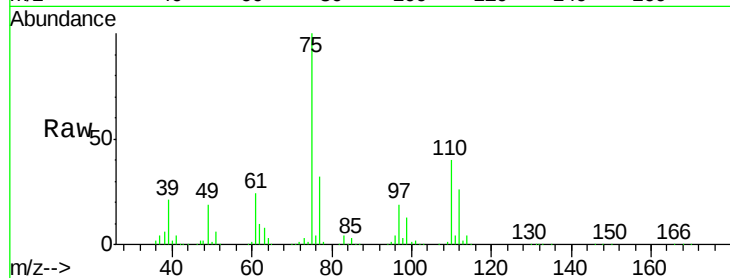
VSTD05079

Tgt Ion: 75 Resp: 204114

Ion Ratio Lower Upper

75 100

77 32.5 25.6 38.4



Abundance Ion 75.00 (74.70 to 75.70): VV014762.D (-2850) (-)

Ion 77.00 (76.70 to 77.70): VV014762.D (-2850) (-)

10.30

150000

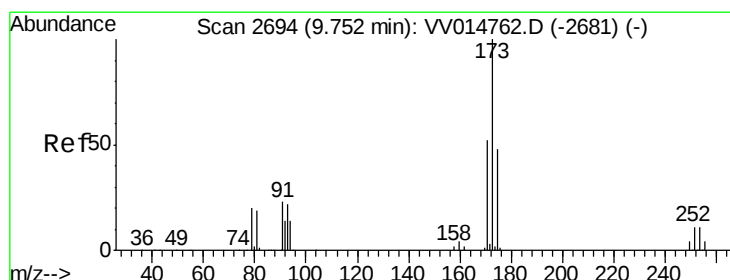
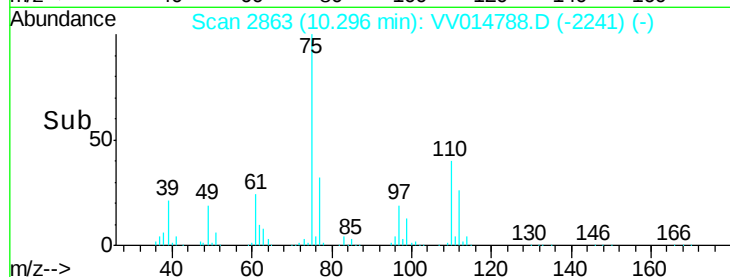
100000

50000

0

Time-->

10.25 10.30 10.35



#61

Bromoform

Concen: 47.25 ug/L

RT: 9.75 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

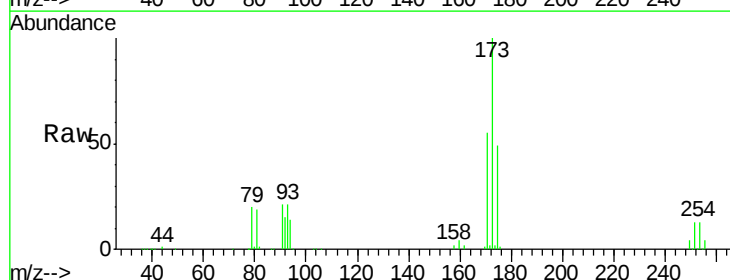
Tgt Ion: 173 Resp: 111898

Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.4

254 12.4 8.6 13.0



Abundance Ion 173.00 (172.70 to 173.70): VV014762.D (-2681) (-)

Ion 175.00 (174.70 to 175.70): VV014762.D (-2681) (-)

Ion 254.00 (253.70 to 254.70): VV014762.D (-2681) (-)

9.75

80000

60000

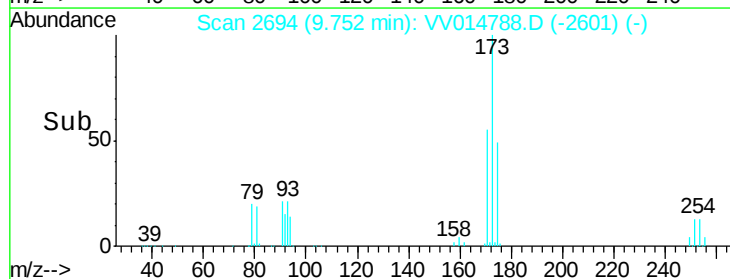
40000

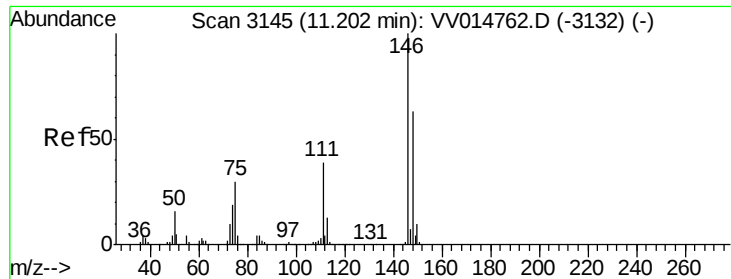
20000

0

Time-->

9.70 9.75 9.80

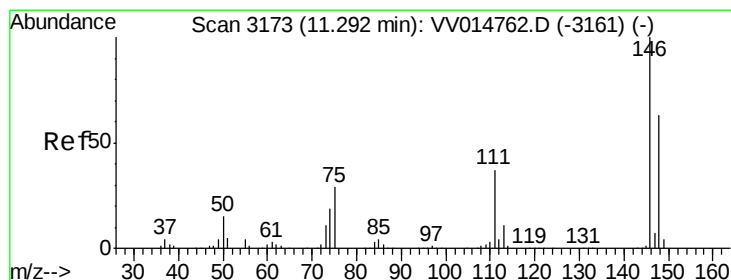
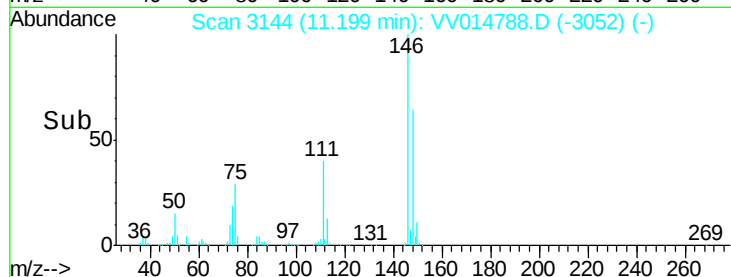
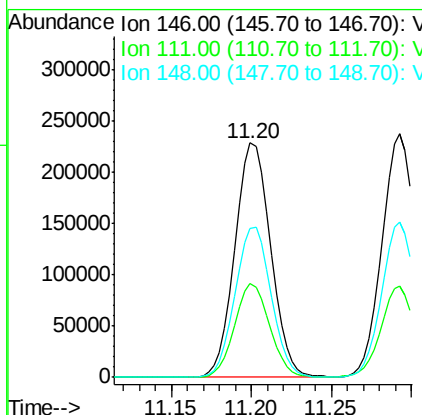
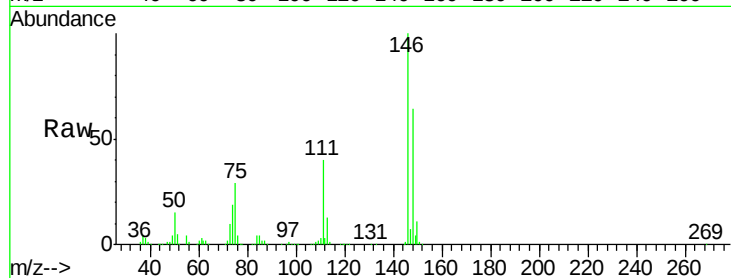




#62
 1,3-Dichlorobenzene
 Concen: 49.38 ug/L
 RT: 11.20 min Scan# 3144
 Delta R.T. -0.00 min
 Lab File: VV014788.D
 Acq: 09 Mar 2020 20:14

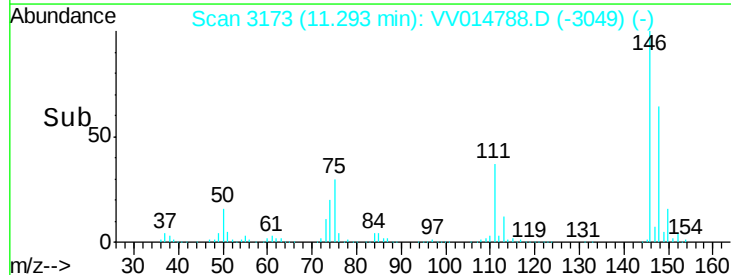
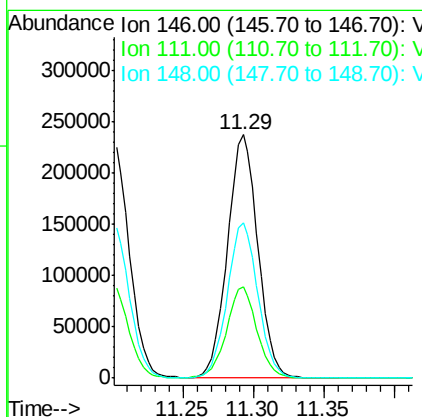
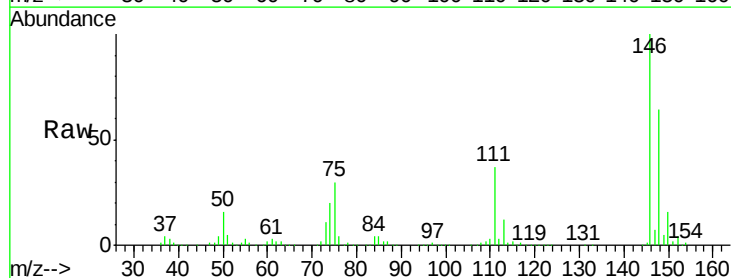
Instrument :
 MSVOA_V
 ClientSampled :
 VSTD05079

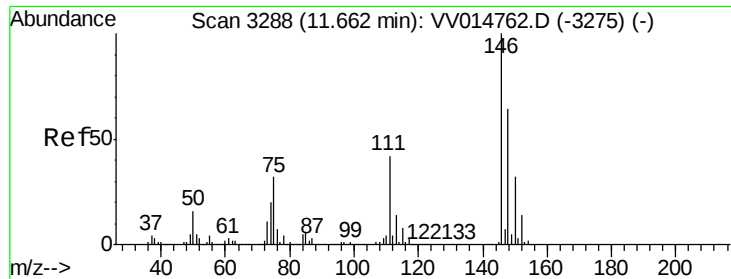
Tgt Ion:146 Resp: 348553
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.2 50.4
 148 63.5 44.2 82.2



#63
 1,4-Dichlorobenzene
 Concen: 50.23 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.00 min
 Lab File: VV014788.D
 Acq: 09 Mar 2020 20:14

Tgt Ion:146 Resp: 357262
 Ion Ratio Lower Upper
 146 100
 111 37.4 26.3 48.9
 148 63.7 44.0 81.8

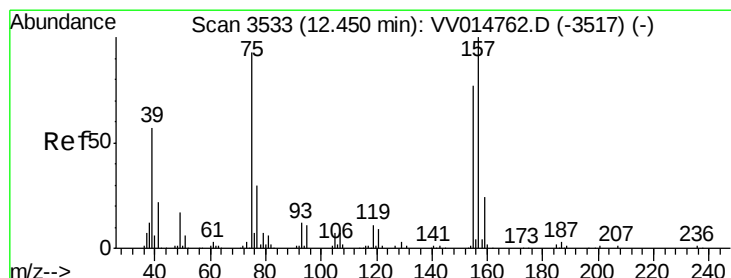
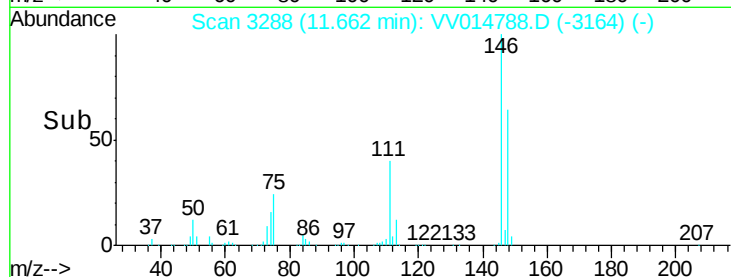
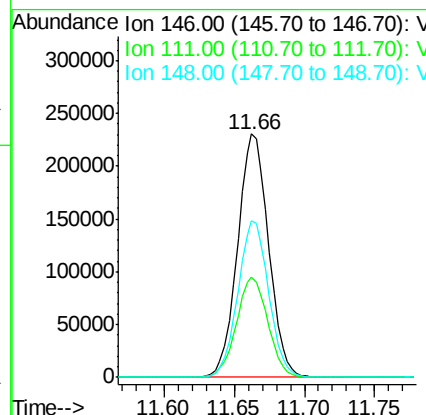
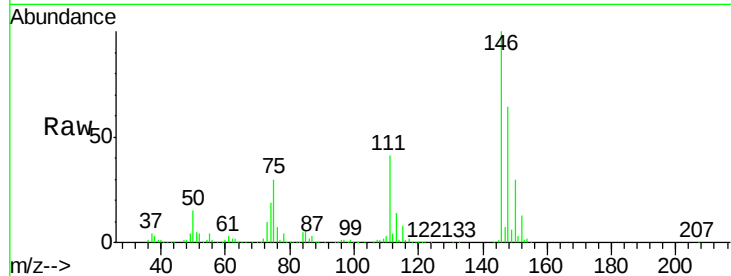




#65
 1,2-Dichlorobenzene
 Concen: 50.46 ug/L
 RT: 11.66 min Scan# 3288
 Delta R.T. 0.00 min
 Lab File: VV014788.D
 Acq: 09 Mar 2020 20:14

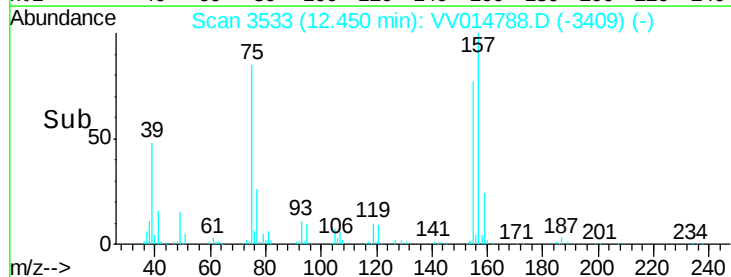
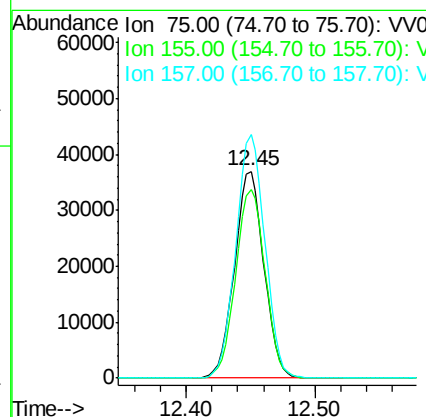
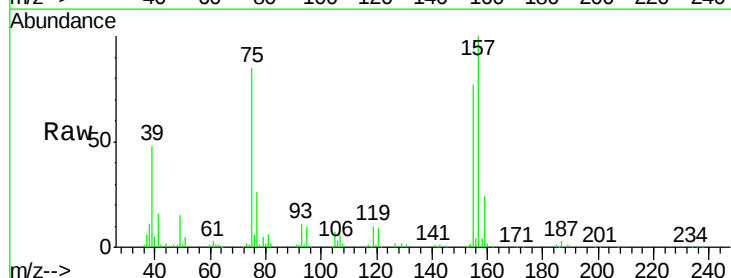
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

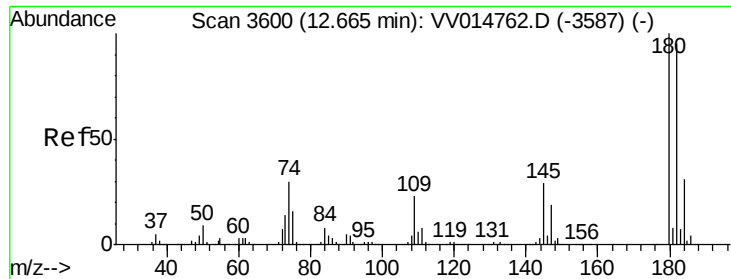
Tgt Ion: 146 Resp: 354656
 Ion Ratio Lower Upper
 146 100
 111 41.0 33.9 50.9
 148 64.4 51.4 77.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 49.14 ug/L
 RT: 12.45 min Scan# 3533
 Delta R.T. 0.00 min
 Lab File: VV014788.D
 Acq: 09 Mar 2020 20:14

Tgt Ion: 75 Resp: 58608
 Ion Ratio Lower Upper
 75 100
 155 91.2 66.4 99.6
 157 117.9 86.1 129.1

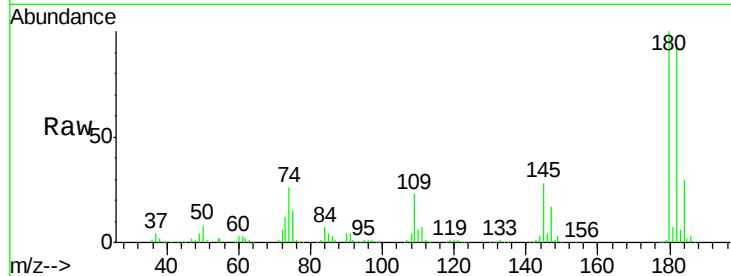




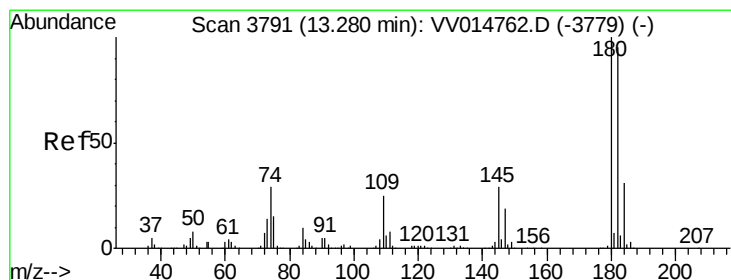
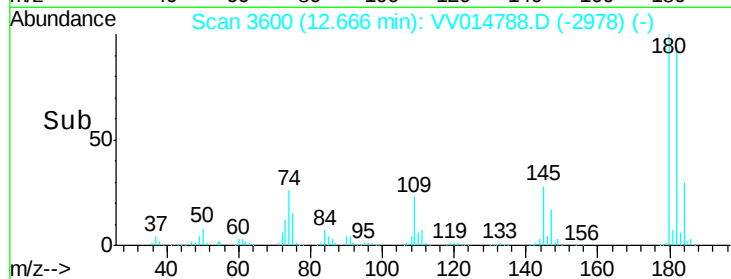
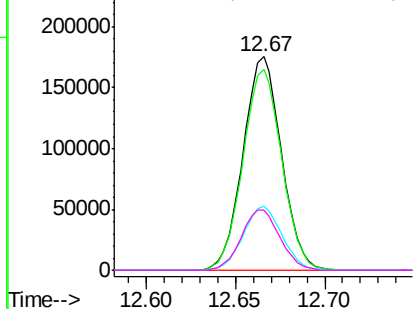
#67
 1,3,5-Trichlorobenzene
 Concen: 48.50 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VV014788.D
 Acq: 09 Mar 2020 20:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05079

Tgt Ion:180 Resp: 264770
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.6 113.4
 184 30.0 24.8 37.2
 145 28.5 23.3 34.9

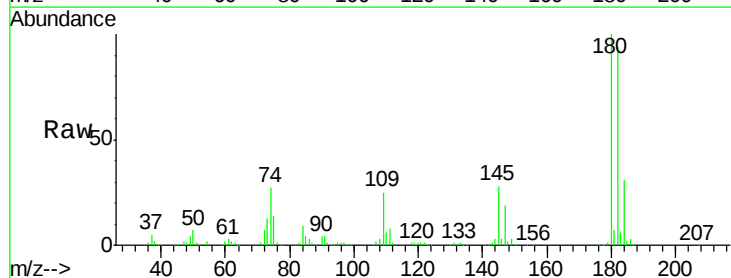


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

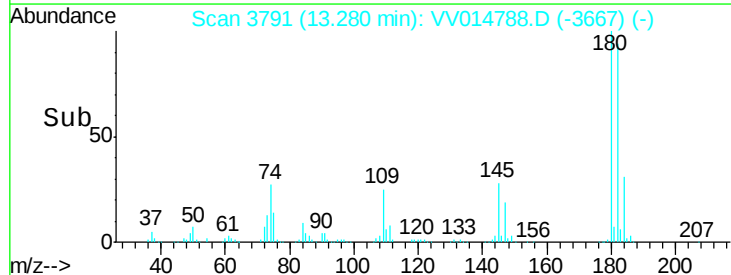
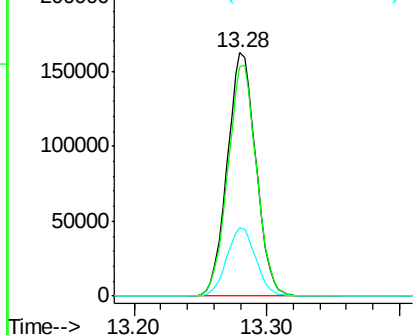


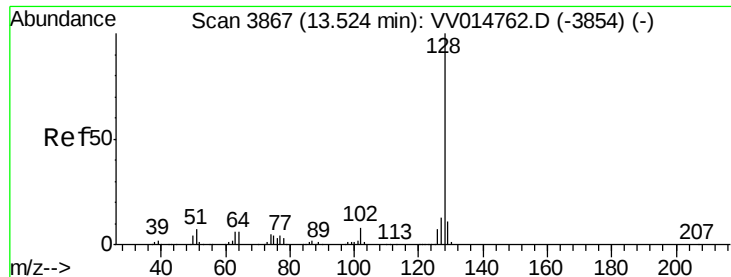
#68
 1,2,4-trichlorobenzene
 Concen: 48.69 ug/L
 RT: 13.28 min Scan# 3791
 Delta R.T. 0.00 min
 Lab File: VV014788.D
 Acq: 09 Mar 2020 20:14

Tgt Ion:180 Resp: 244335
 Ion Ratio Lower Upper
 180 100
 182 94.9 76.6 114.8
 145 28.4 23.4 35.0



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: 50.13 ug/L

RT: 13.52 min Scan# 3866

Delta R.T. -0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05079

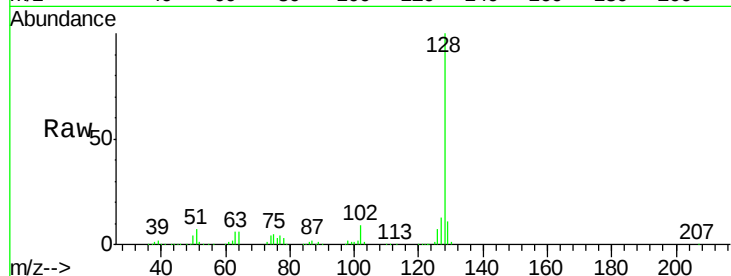
Tgt Ion:128 Resp: 378718

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

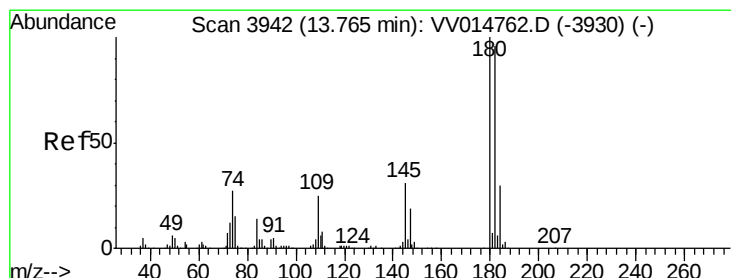
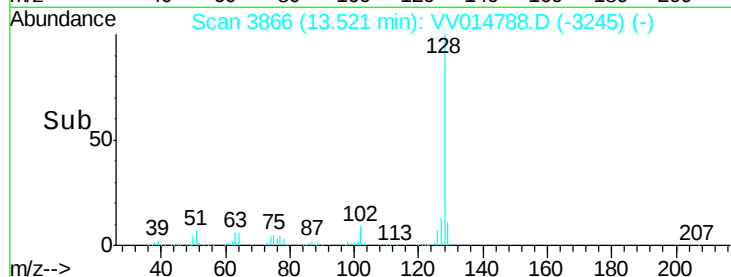
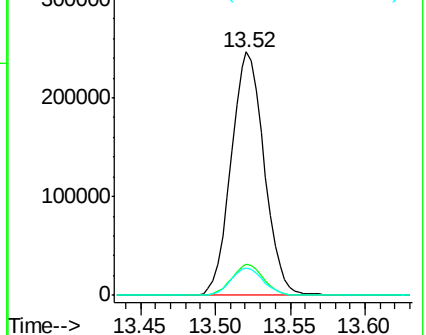
129 10.9 8.5 12.7



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: 50.50 ug/L

RT: 13.77 min Scan# 3942

Delta R.T. 0.00 min

Lab File: VV014788.D

Acq: 09 Mar 2020 20:14

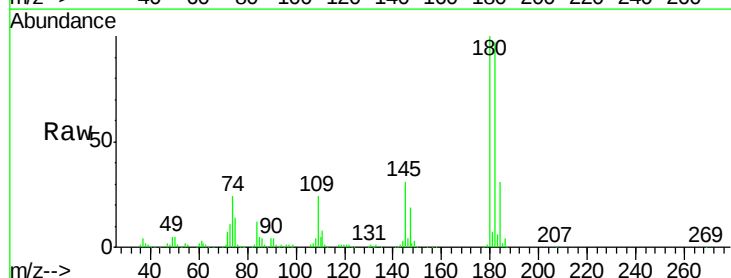
Tgt Ion:180 Resp: 252606

Ion Ratio Lower Upper

180 100

182 95.1 76.5 114.7

145 30.6 25.0 37.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

