

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018214.D
 Acq On : 15 Sep 2020 11:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB91

Quant Time: Sep 16 05:33:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 15:43:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	287331	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	284075	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	158639	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100562	42.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.90%
7) Chloroethane-d5	1.58	69	89560	46.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.48%
11) 1,1-Dichloroethene-d2	2.12	63	209574	48.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.58%
21) 2-Butanone-d5	3.90	46	152312	106.27	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.27%
24) Chloroform-d	4.37	84	208423	51.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.05	65	132667	50.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.88%
32) Benzene-d6	5.07	84	402024	49.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.88%
36) 1,2-Dichloropropane-d6	6.09	67	129151	49.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.96%
41) Toluene-d8	7.33	98	372290	50.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.46%
43) trans-1,3-Dichloropropene-	7.64	79	65853	50.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.30%
47) 2-Hexanone-d5	8.10	63	116521	119.05	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.05%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	181300	55.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	159524	48.96	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.92%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	115256	55.010	ug/L 99
3) Chloromethane	1.25	50	126418	55.257	ug/L 100
5) Vinyl chloride	1.32	62	127101	54.176	ug/L 99
6) Bromomethane	1.53	94	77763	54.230	ug/L 99
8) Chloroethane	1.59	64	80088	54.495	ug/L 99
9) Trichlorofluoromethane	1.76	101	180953	56.059	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	110757	57.123	ug/L 99
12) 1,1-Dichloroethene	2.13	96	104488	55.384	ug/L 96
13) Acetone	2.19	43	109895	95.753	ug/L 100
14) Carbon disulfide	2.31	76	311229	53.912	ug/L 99
15) Methyl Acetate	2.44	43	111495	54.057	ug/L 100
16) Methylene chloride	2.52	84	114826	54.270	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	105508	54.266	ug/L 99
18) Methyl tert-butyl Ether	2.78	73	323193	53.736	ug/L 100
19) 1,1-Dichloroethane	3.21	63	201139	54.715	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	113854	54.779	ug/L 98
22) 2-Butanone	3.99	43	148675	109.397	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091520\
 Data File : VV018214.D
 Acq On : 15 Sep 2020 11:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB91

Quant Time: Sep 16 05:33:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 15 15:43:41 2020
 Response via : Initial Calibration

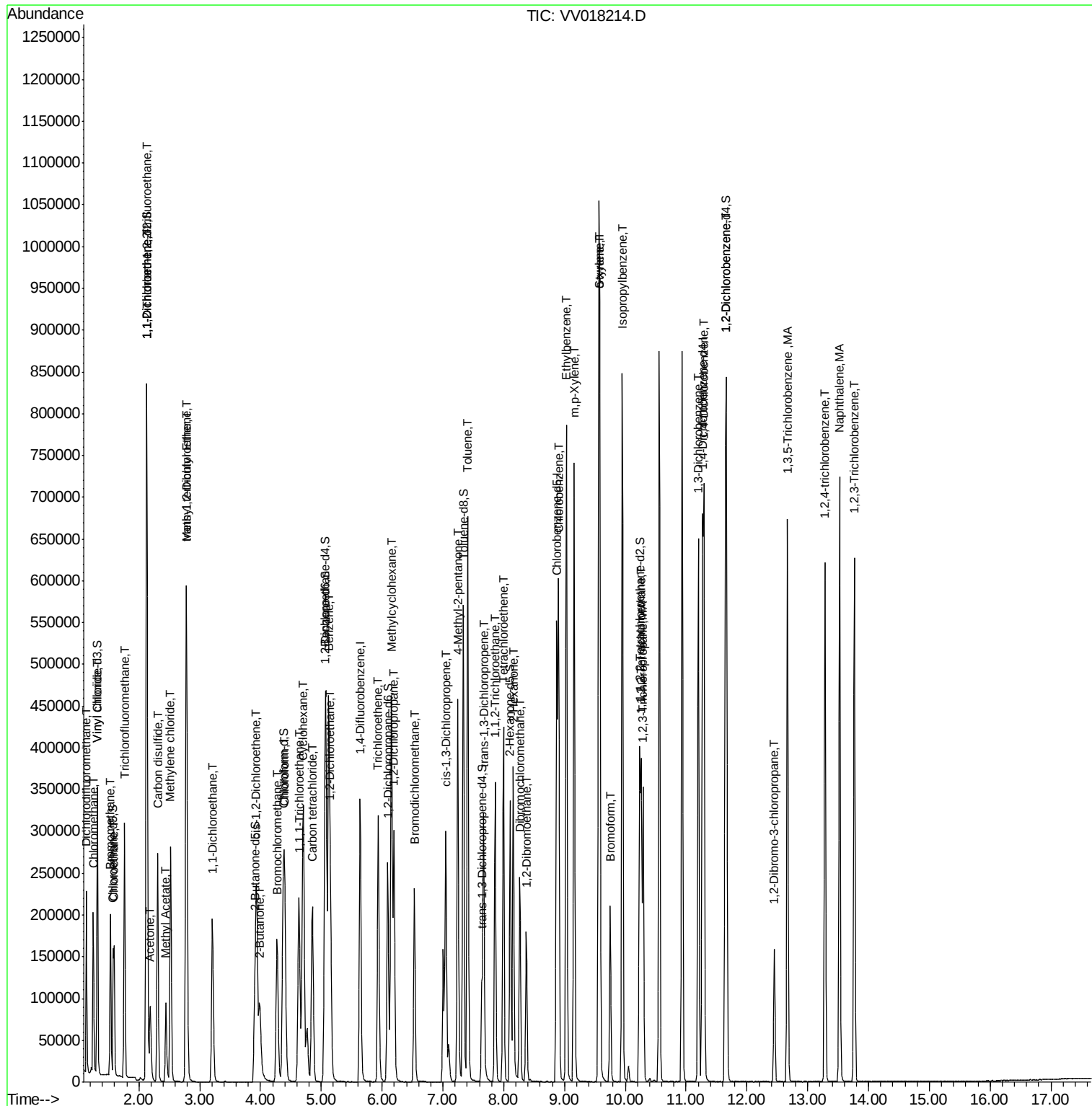
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	59949	55.129	ug/L	99
25) Chloroform	4.40	83	202384	54.161	ug/L	99
27) 1,2-Dichloroethane	5.15	62	158736	54.873	ug/L	99
29) Cyclohexane	4.70	56	183853	56.047	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	181896	55.174	ug/L	99
31) Carbon tetrachloride	4.85	117	159339	54.965	ug/L	97
33) Benzene	5.12	78	448772	55.254	ug/L	100
34) Trichloroethene	5.94	95	113837	51.451	ug/L	99
35) Methylcyclohexane	6.15	83	190028	57.043	ug/L	99
37) 1,2-Dichloropropane	6.20	63	117119	54.417	ug/L	99
38) Bromodichloromethane	6.53	83	152225	54.351	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	177657	53.574	ug/L	99
40) 4-Methyl-2-pentanone	7.24	43	294390	112.749	ug/L	100
42) Toluene	7.41	91	484967	56.422	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	179268	55.522	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	109570	54.926	ug/L	98
46) Tetrachloroethene	8.00	164	96970	55.897	ug/L	99
48) 2-Hexanone	8.15	43	230728	112.086	ug/L	99
49) Dibromochloromethane	8.27	129	125033	55.839	ug/L	98
50) 1,2-Dibromoethane	8.37	107	117391	55.914	ug/L	98
51) Chlorobenzene	8.90	112	309508	55.447	ug/L	98
52) Ethylbenzene	9.03	91	529492	56.425	ug/L	99
53) m,p-Xylene	9.16	106	200819	57.334	ug/L	97
54) o-xylene	9.56	106	192638	57.088	ug/L	100
55) Styrene	9.58	104	346953	59.156	ug/L	98
56) Isopropylbenzene	9.95	105	525998	57.839	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	179021	60.667	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	141457	55.880	ug/L	100
61) Bromoform	9.75	173	93452	54.835	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	261449	55.424	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	268319	55.338	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	256145	53.721	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	39821	59.183	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	205967	55.384	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	188438	56.902	ug/L	99
69) Naphthalene	13.52	128	534710	63.812	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	192402	58.988	ug/L	99

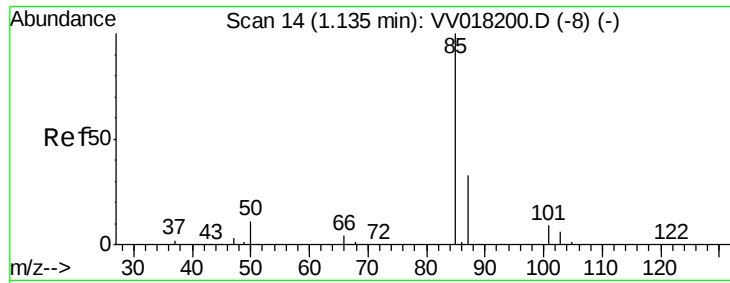
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV091520\
Data File : VV018214.D
Acq On : 15 Sep 2020 11:13
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFB91

Quant Time: Sep 16 05:33:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 15 15:43:41 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 55.010 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

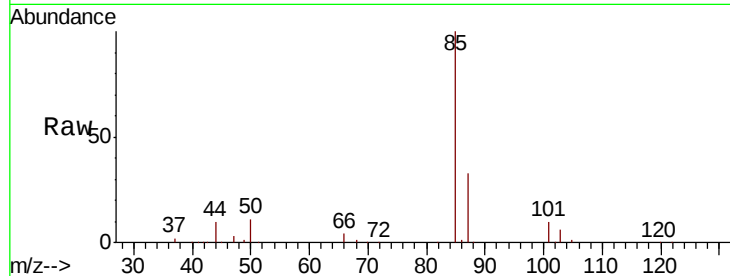
BFB91

Tot Ion: 85 Resp: 115256

Ion Ratio Lower Upper

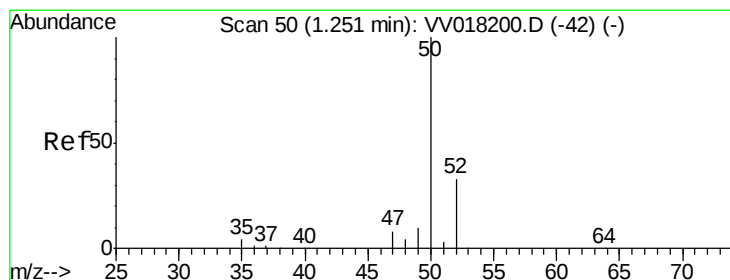
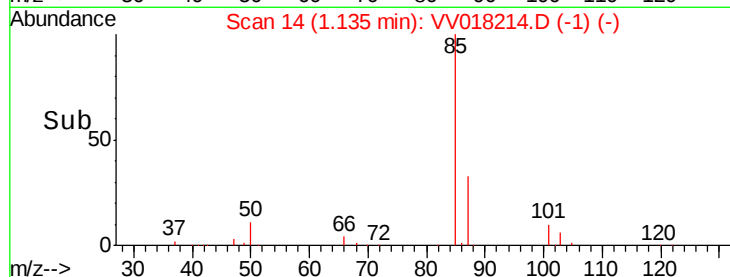
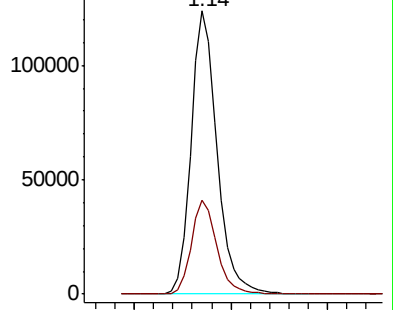
85 100

87 32.7 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV018200.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV018200.D (-8) (-)



#3

Chloromethane

Concen: 55.257 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV018214.D

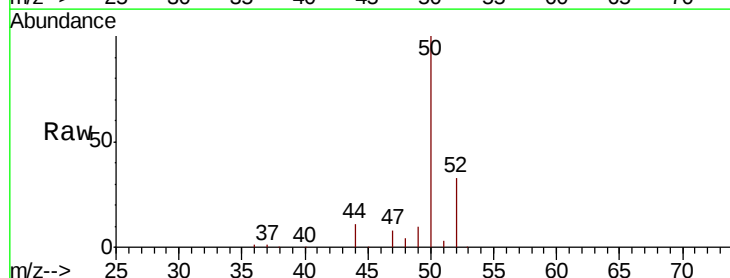
Acq: 15 Sep 2020 11:13

Tgt Ion: 50 Resp: 126418

Ion Ratio Lower Upper

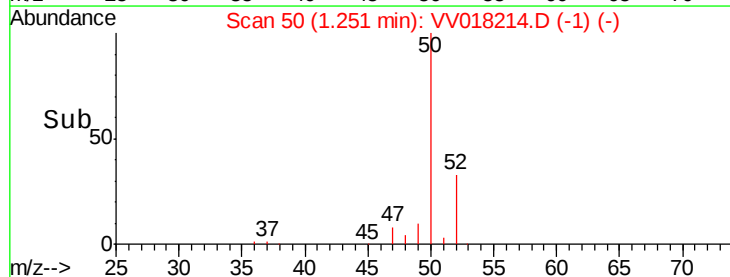
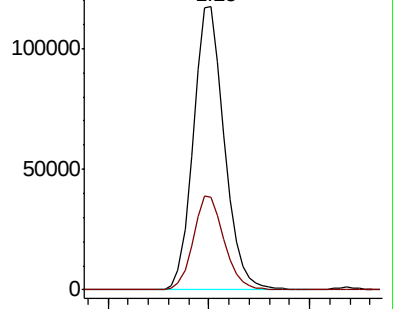
50 100

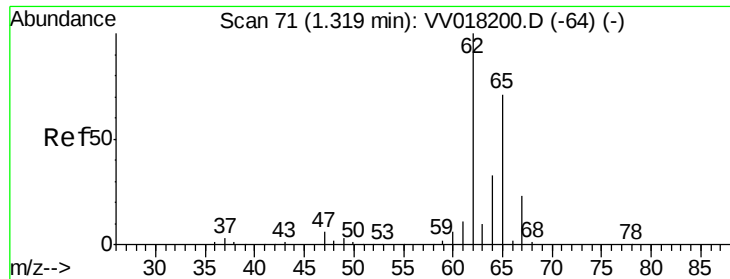
52 32.7 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV018200.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV018200.D (-42) (-)





#5

Vinyl chloride

Concen: 54.176 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampled :

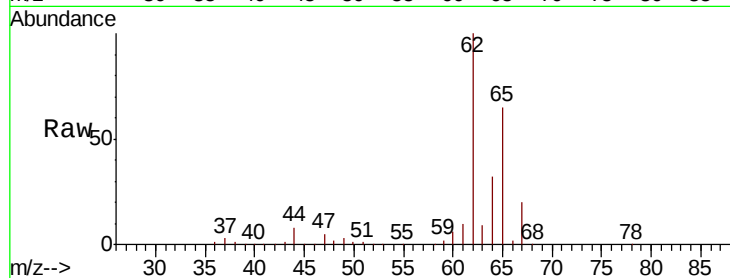
BFB91

Tot Ion: 62 Resp: 127101

Ion Ratio Lower Upper

62 100

64 32.4 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0

1.32

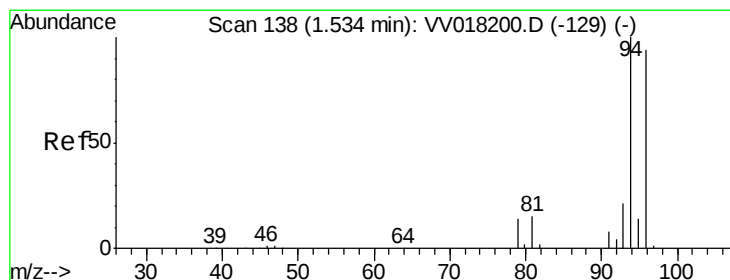
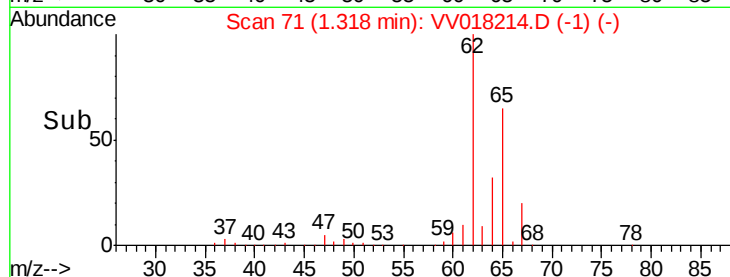
150000

100000

50000

0

Time-->



#6

Bromomethane

Concen: 54.230 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.00 min

Lab File: VV018214.D

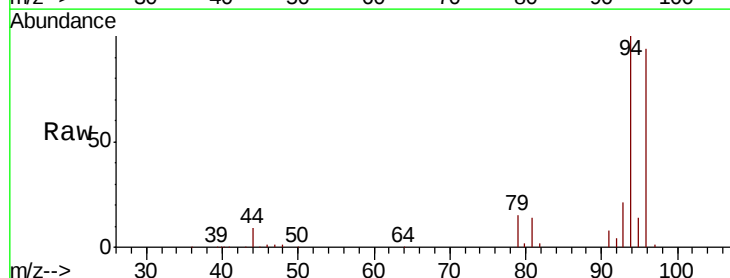
Acq: 15 Sep 2020 11:13

Tgt Ion: 94 Resp: 77763

Ion Ratio Lower Upper

94 100

96 93.9 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

80000

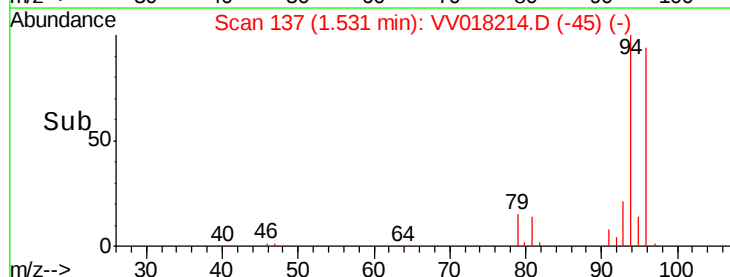
60000

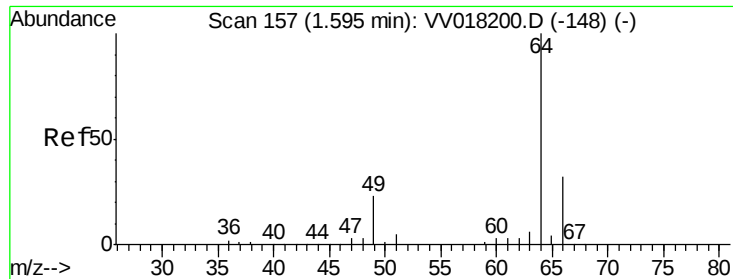
40000

20000

0

Time-->





#8

Chloroethane

Concen: 54.495 ug/L

RT: 1.59 min Scan# 157

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

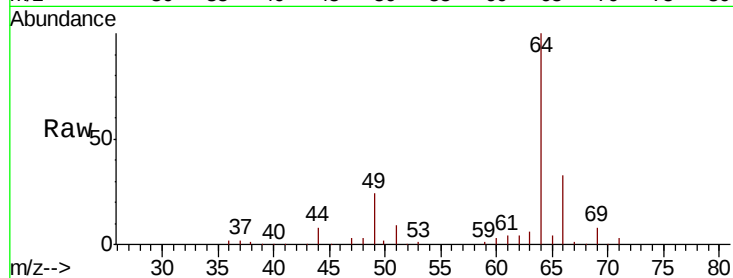
BFB91

Tot Ion: 64 Resp: 80088

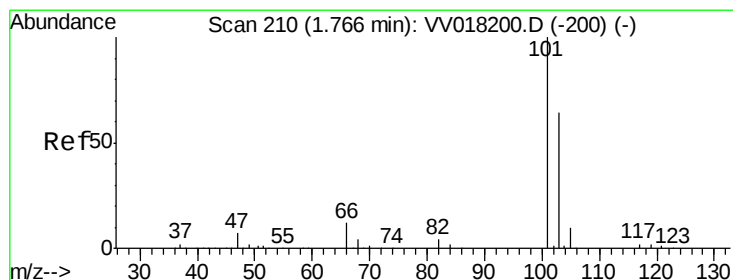
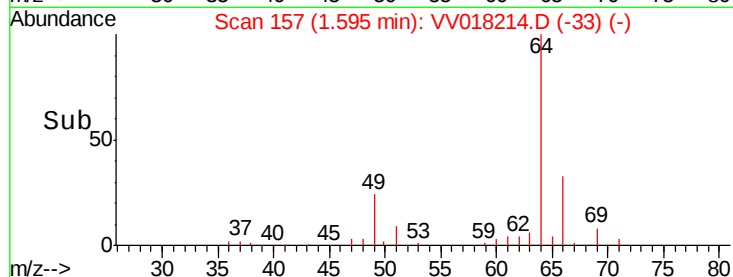
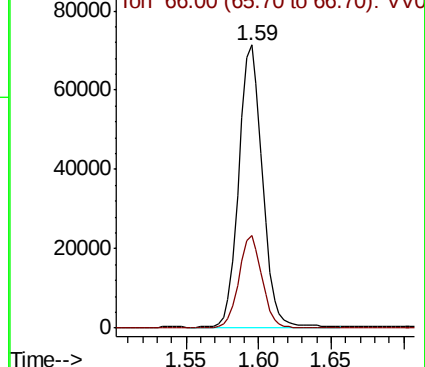
Ion Ratio Lower Upper

64 100

66 32.7 22.5 41.7



Abundance Ion 64.00 (63.70 to 64.70): VV018200.D (-148) (-)



#9

Trichlorofluoromethane

Concen: 56.059 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

Lab File: VV018214.D

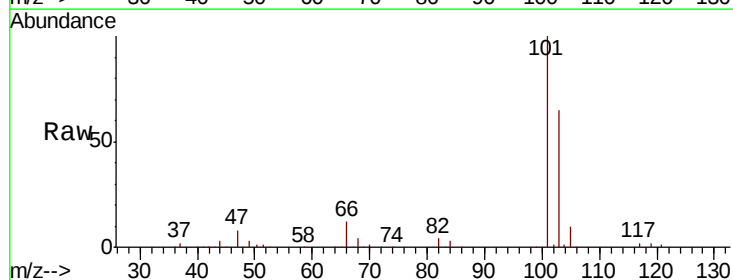
Acq: 15 Sep 2020 11:13

Tgt Ion: 101 Resp: 180953

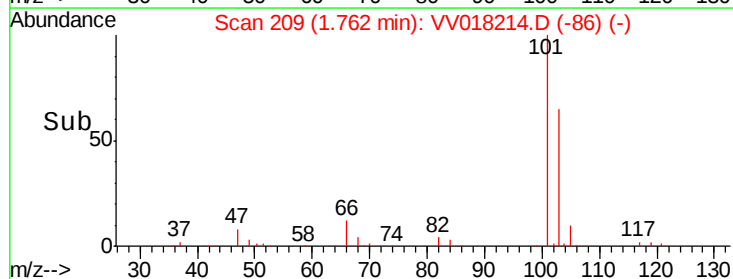
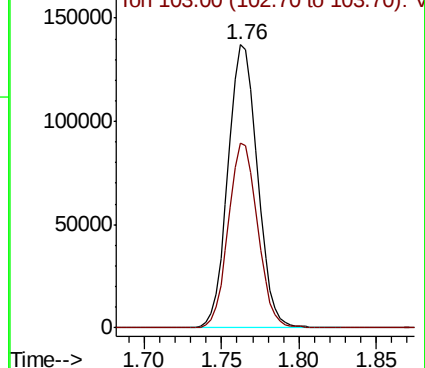
Ion Ratio Lower Upper

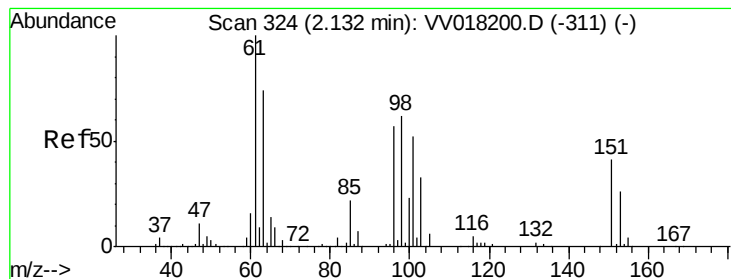
101 100

103 64.7 51.8 77.6



Abundance Ion 101.00 (100.70 to 101.70): VV018200.D (-200) (-)





#10

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

Concen: 57.123 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

BFB91

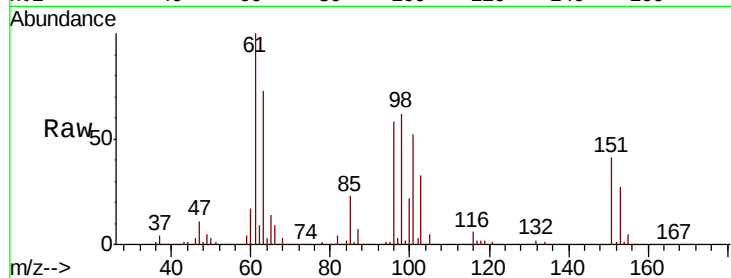
Tot Ion:101 Resp: 110757

Ion Ratio Lower Upper

101 100

85 43.0 33.5 50.3

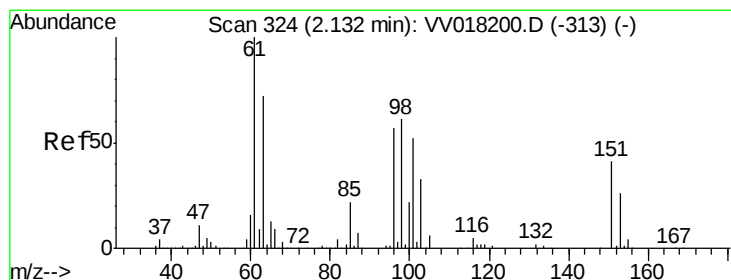
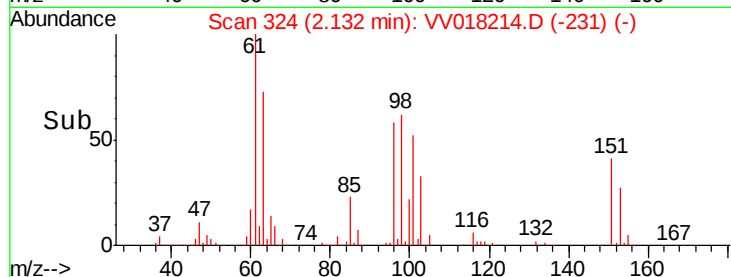
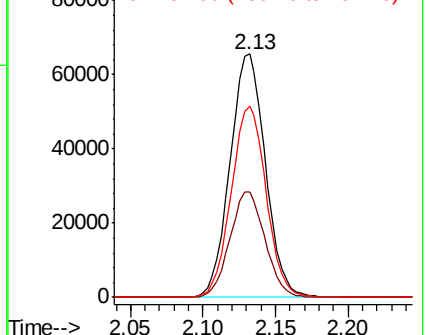
151 77.6 62.2 93.2



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: 55.384 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

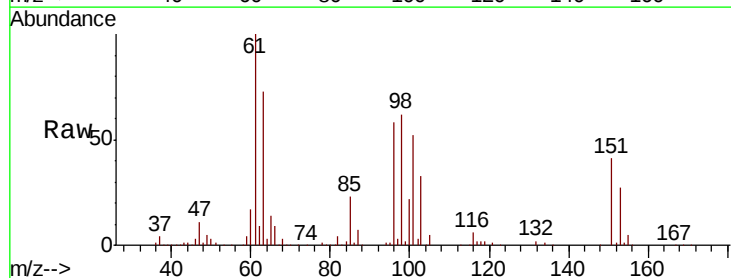
Tgt Ion: 96 Resp: 104488

Ion Ratio Lower Upper

96 100

61 171.0 122.9 228.3

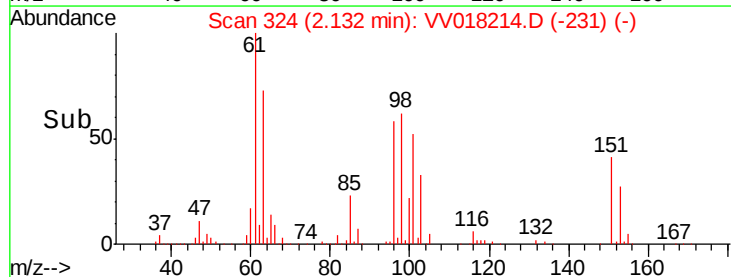
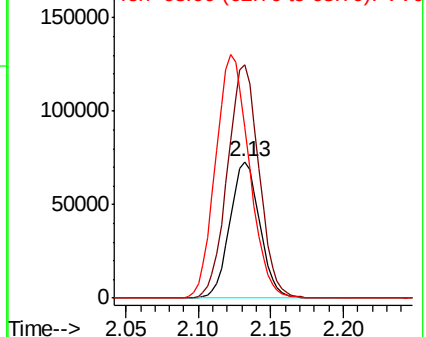
63 124.8 91.9 170.7

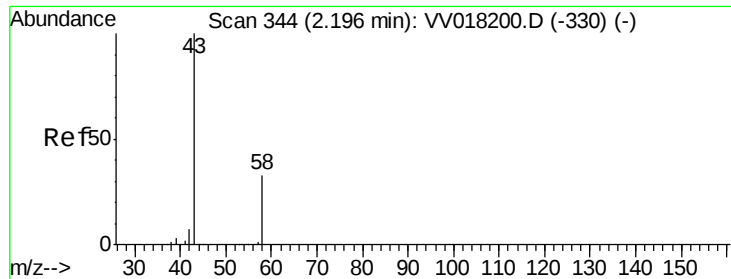


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 95.753 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.01 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

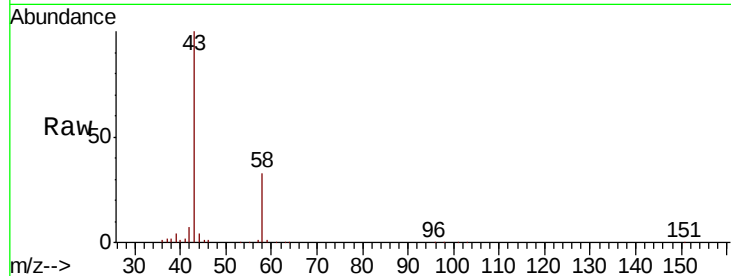
BFB91

Tot Ion: 43 Resp: 109895

Ion Ratio Lower Upper

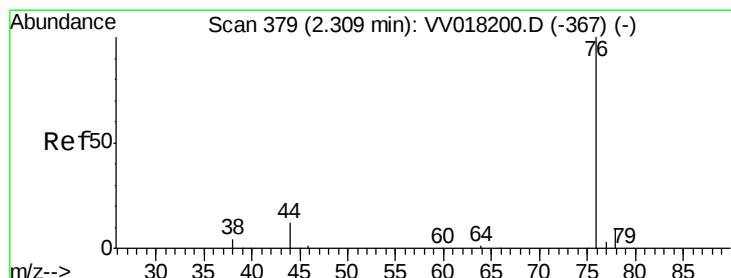
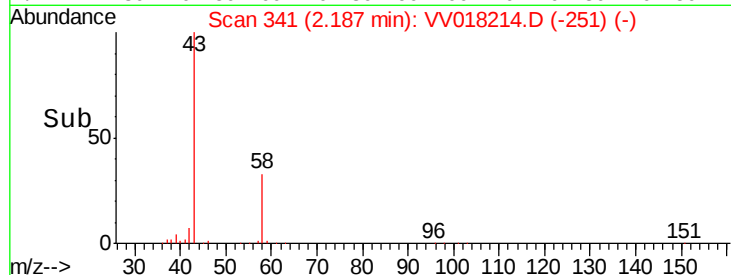
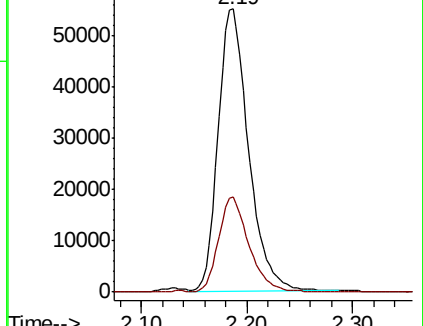
43 100

58 33.6 0.0 67.4



Abundance Ion 43.00 (42.70 to 43.70): VV018200.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV018200.D (-330) (-)



#14

Carbon disulfide

Concen: 53.912 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV018214.D

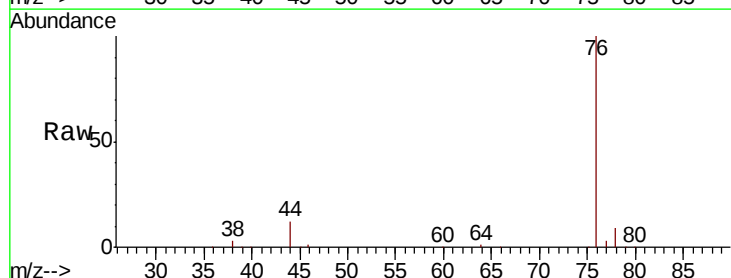
Acq: 15 Sep 2020 11:13

Tgt Ion: 76 Resp: 311229

Ion Ratio Lower Upper

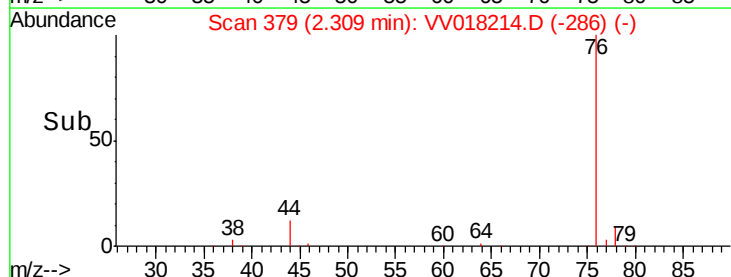
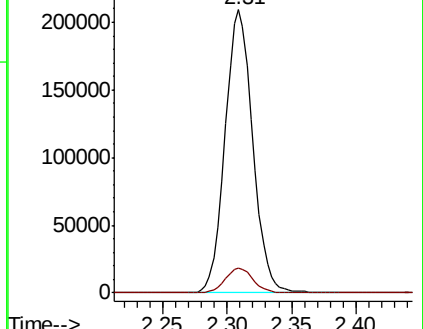
76 100

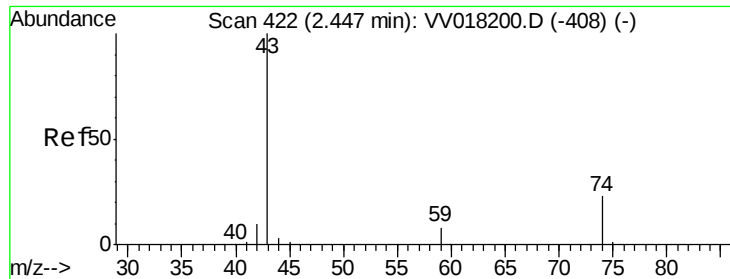
78 8.9 7.3 10.9



Abundance Ion 76.00 (75.70 to 76.70): VV018200.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV018200.D (-367) (-)

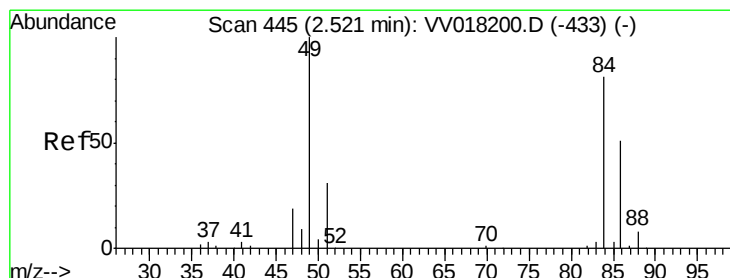
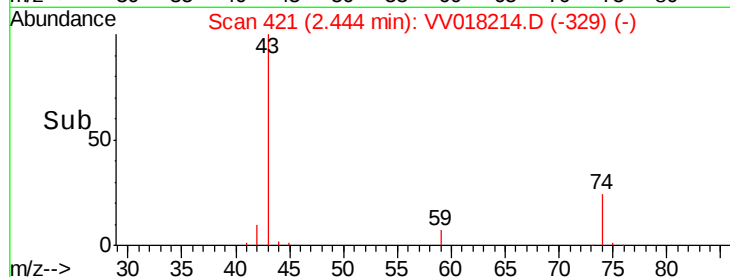
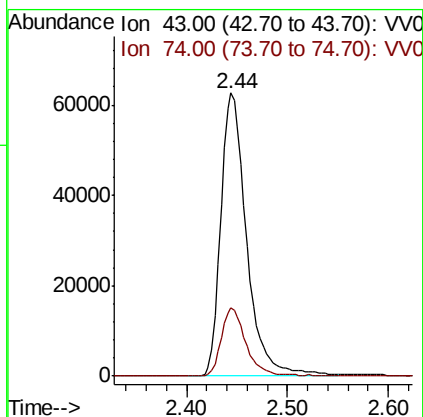
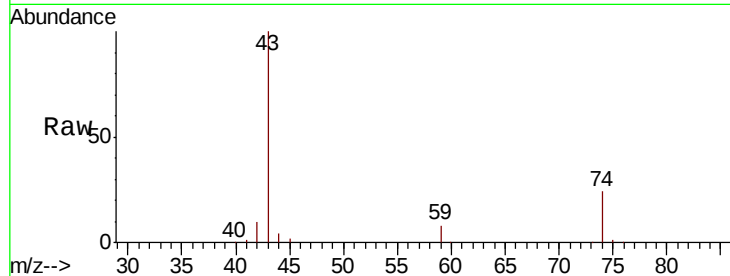




#15
Methvl Acetate
Concen: 54.057 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.00 min
Lab File: VV018214.D
Acq: 15 Sep 2020 11:13

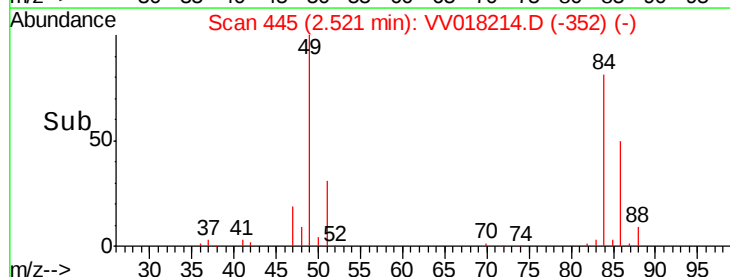
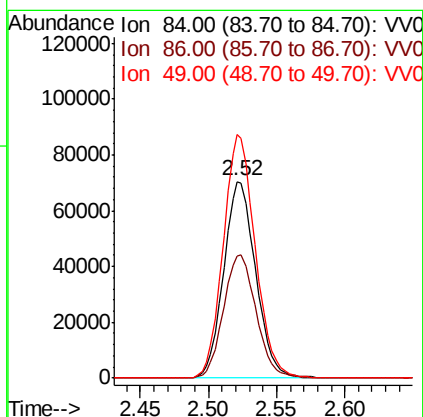
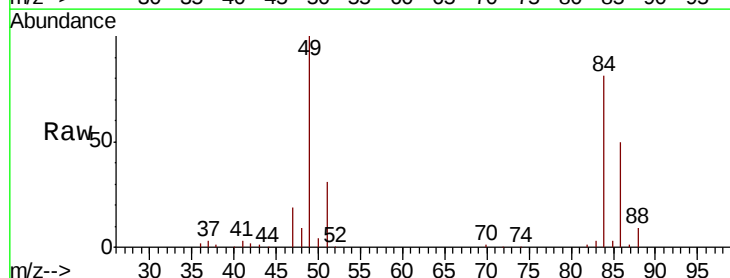
Instrument :
MSVOA_V
ClientSampleId :
BFB91

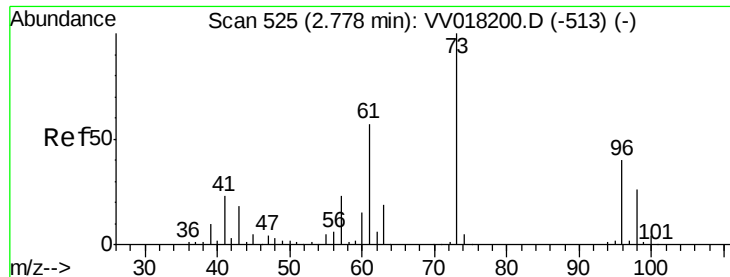
Tot Ion: 43 Resp: 111495
Ion Ratio Lower Upper
43 100
74 23.2 18.4 27.6



#16
Methylene chloride
Concen: 54.270 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV018214.D
Acq: 15 Sep 2020 11:13

Tgt Ion: 84 Resp: 114826
Ion Ratio Lower Upper
84 100
86 62.3 44.4 82.4
49 123.7 87.2 162.0

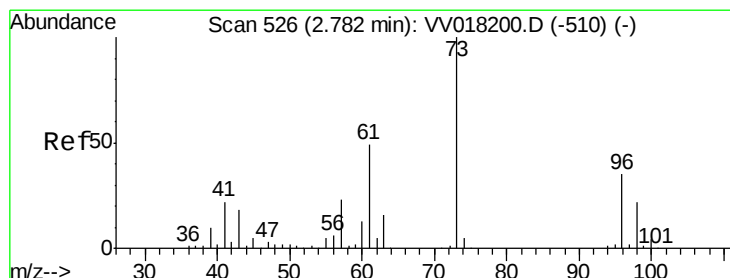
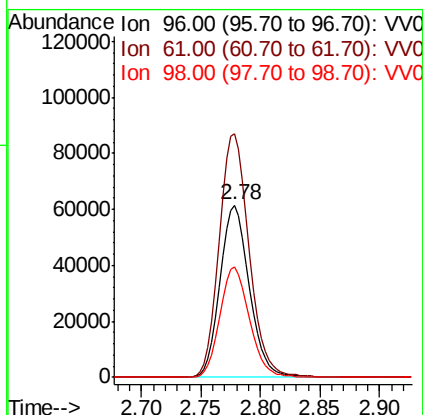
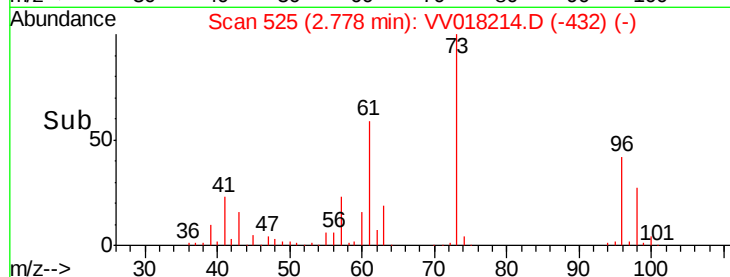
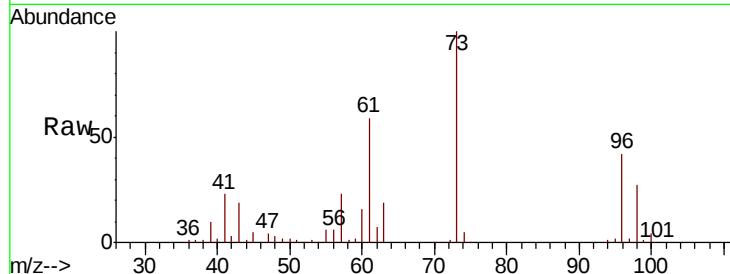




#17
trans-1,2-Dichloroethene
Concen: 54.266 ug/L
RT: 2.78 min Scan# 525
Delta R.T. -0.00 min
Lab File: VV018214.D
Acq: 15 Sep 2020 11:13

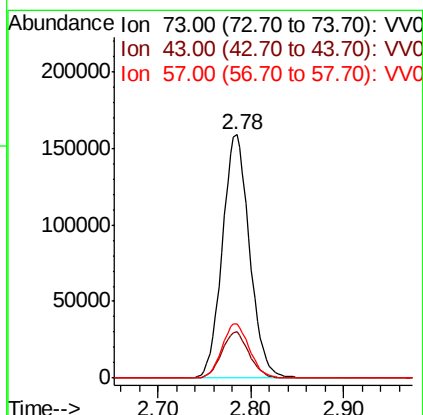
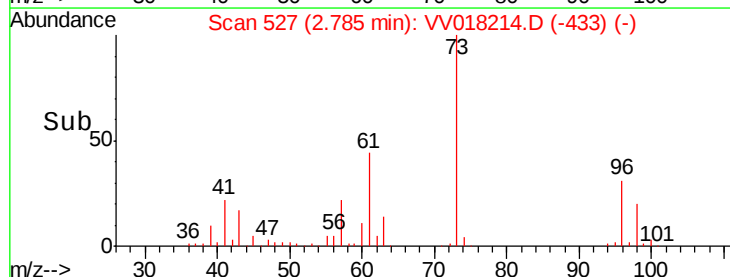
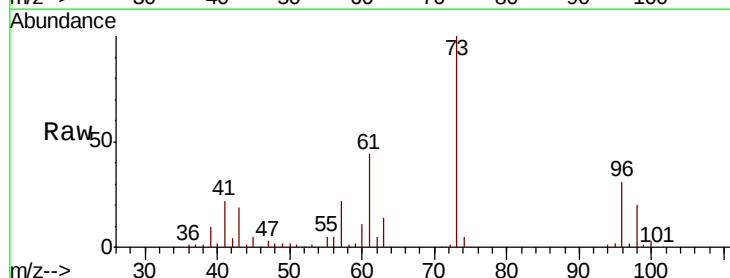
Instrument :
MSVOA_V
ClientSampleId :
BFB91

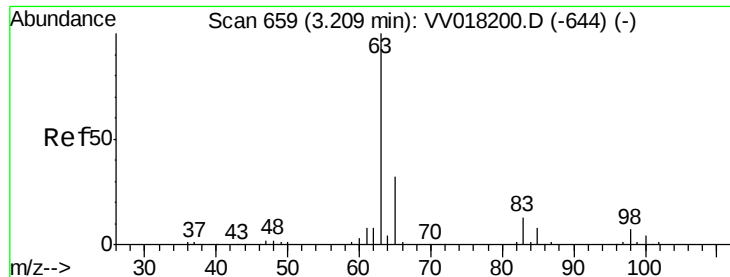
Tot Ion: 96 Resp: 105508
Ion Ratio Lower Upper
96 100
61 141.6 100.7 186.9
98 64.2 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 53.736 ug/L
RT: 2.78 min Scan# 527
Delta R.T. 0.00 min
Lab File: VV018214.D
Acq: 15 Sep 2020 11:13

Tgt Ion: 73 Resp: 323193
Ion Ratio Lower Upper
73 100
43 19.2 15.4 23.0
57 22.6 18.0 27.0

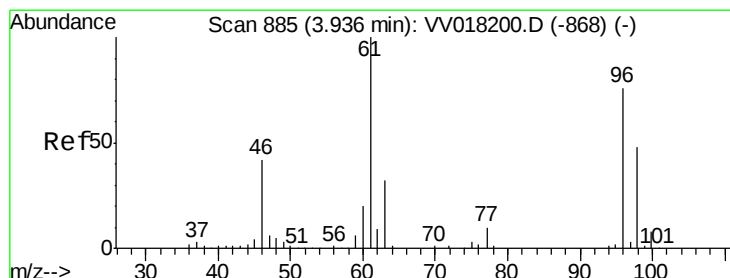
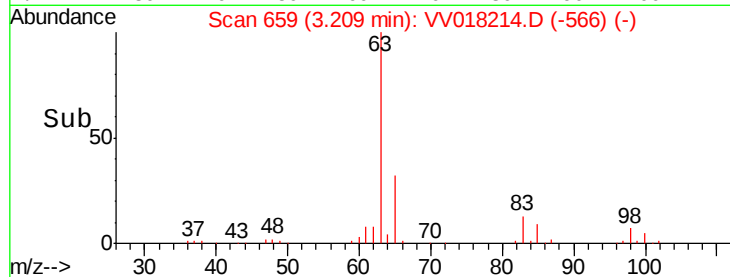
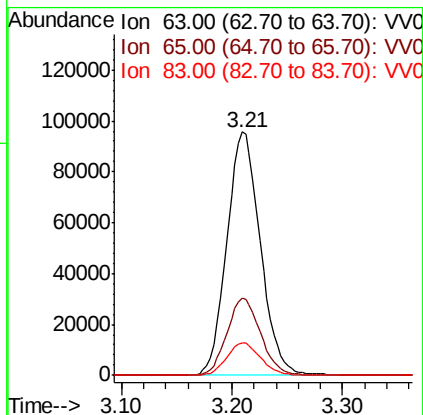
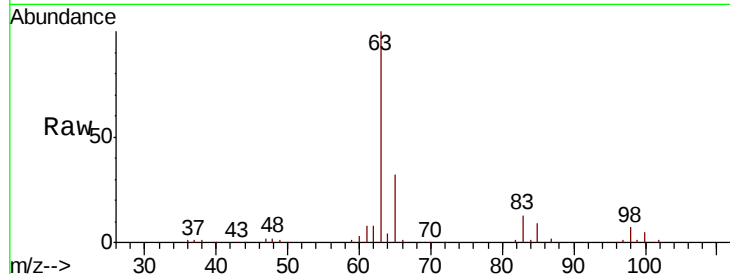




#19
 1,1-Dichloroethane
 Concen: 54.715 ug/L
 RT: 3.21 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

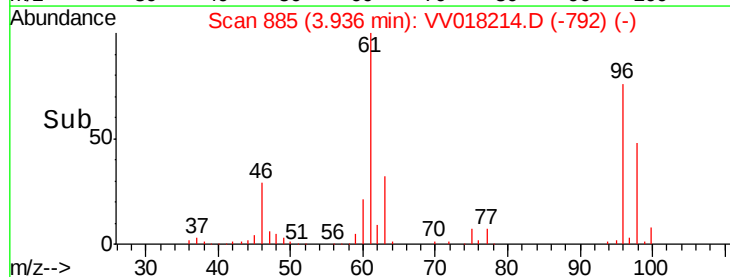
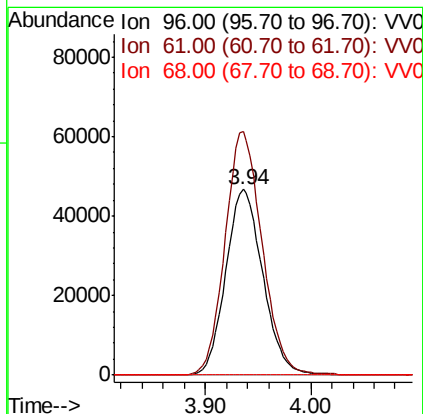
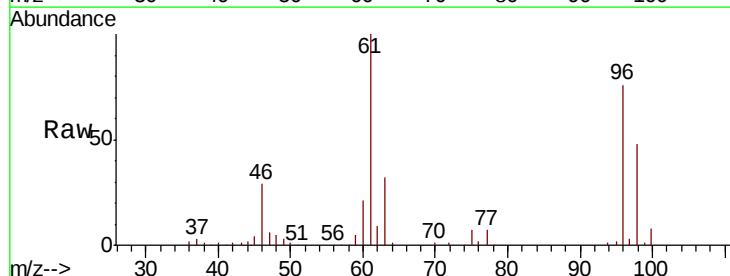
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB91

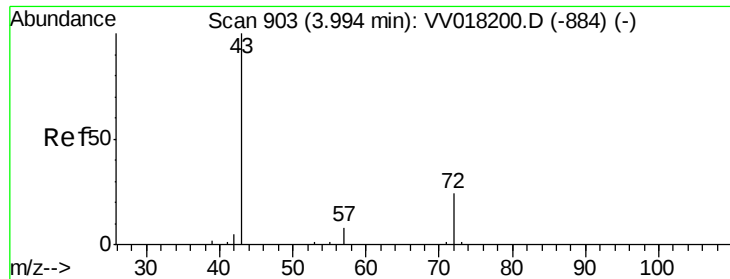
Tot Ion: 63 Resp: 201139
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.5 41.7
 83 13.2 9.3 17.3



#20
 cis-1,2-Dichloroethene
 Concen: 54.779 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

Tgt Ion: 96 Resp: 113854
 Ion Ratio Lower Upper
 96 100
 61 131.3 93.6 173.8
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 109.397 ug/L

RT: 3.99 min Scan# 901

Delta R.T. -0.01 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

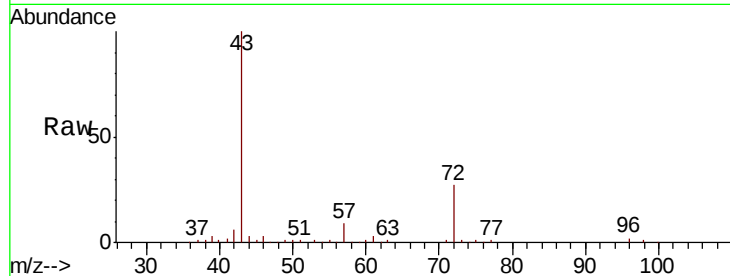
BFB91

Tot Ion: 43 Resp: 148675

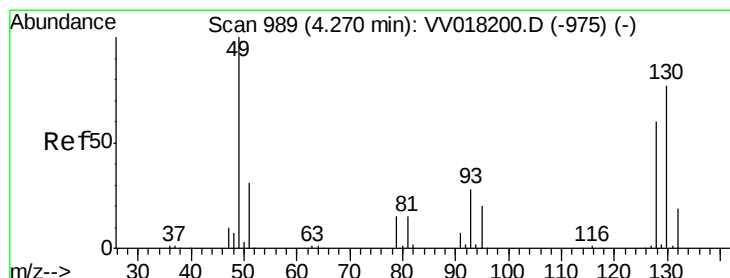
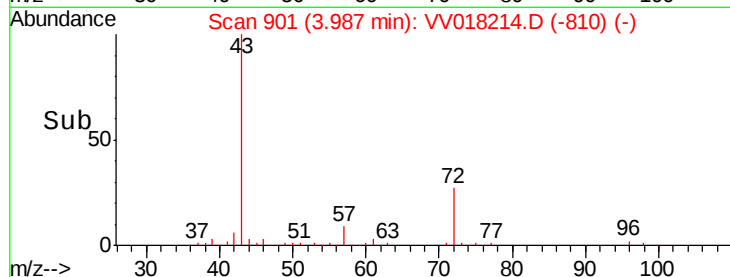
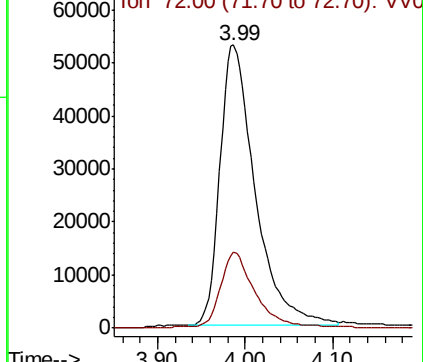
Ion Ratio Lower Upper

43 100

72 25.5 13.1 39.3



Abundance Ion 43.00 (42.70 to 43.70): VV018214.D (-810) (-)



#23

Bromochloromethane

Concen: 55.129 ug/L

RT: 4.27 min Scan# 990

Delta R.T. 0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Tgt Ion:128 Resp: 59949

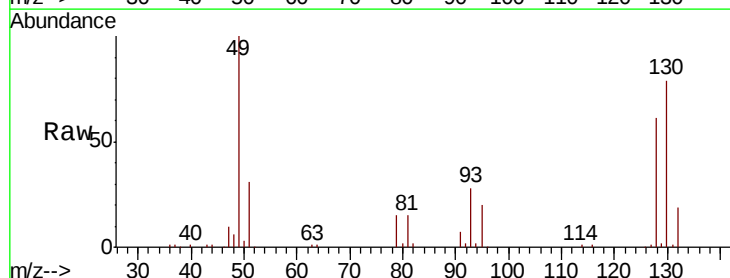
Ion Ratio Lower Upper

128 100

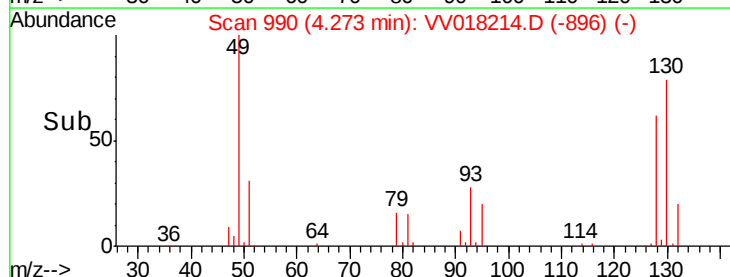
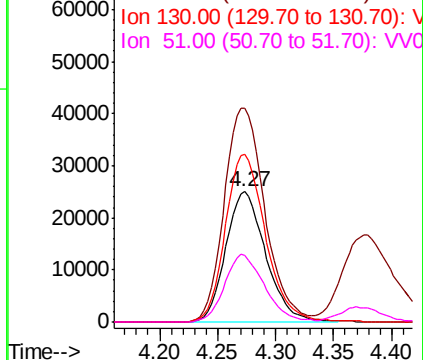
49 163.8 114.4 212.6

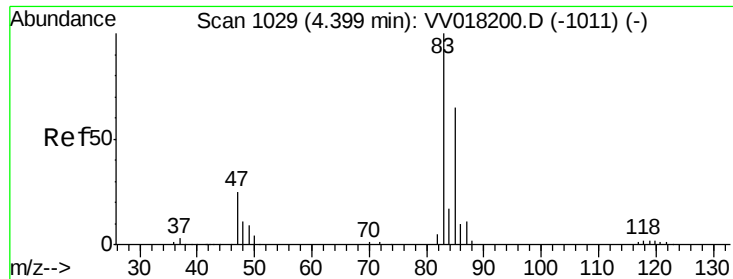
130 128.7 87.9 163.3

51 51.1 41.8 62.8



Abundance Ion 128.00 (127.70 to 128.70): VV018214.D (-896) (-)

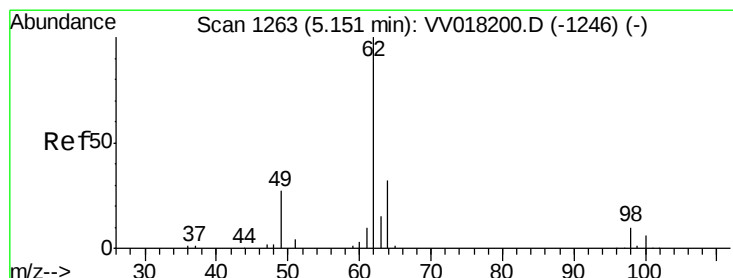
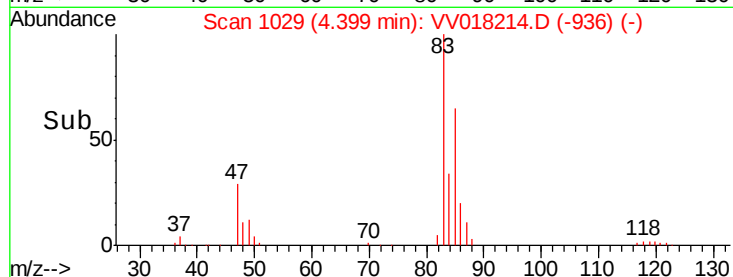
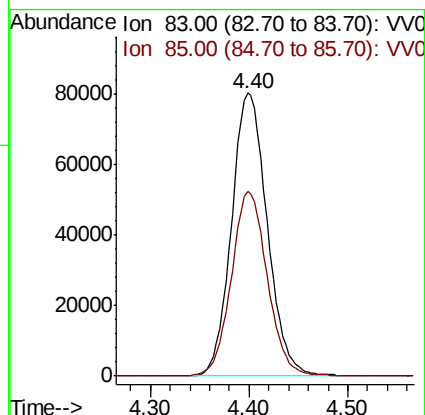
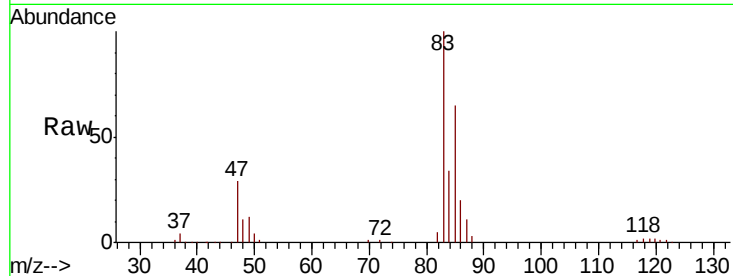




#25
Chloroform
Concen: 54.161 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV018214.D
Acq: 15 Sep 2020 11:13

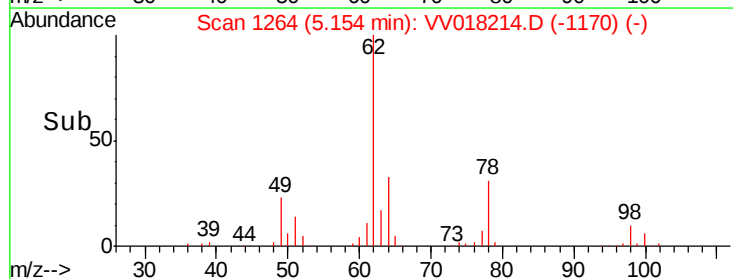
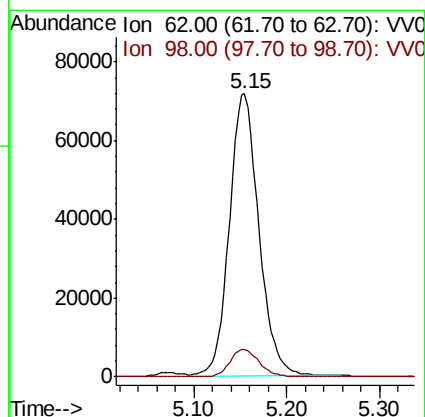
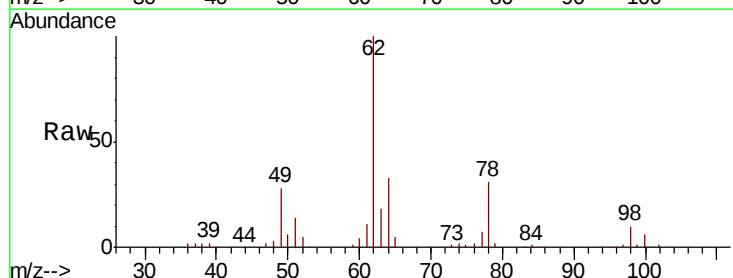
Instrument :
MSVOA_V
ClientSampleId :
BFB91

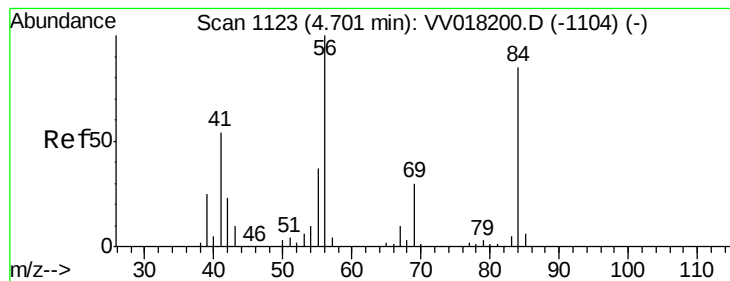
Tot Ion: 83 Resp: 202384
Ion Ratio Lower Upper
83 100
85 65.3 45.0 83.6



#27
1,2-Dichloroethane
Concen: 54.873 ug/L
RT: 5.15 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VV018214.D
Acq: 15 Sep 2020 11:13

Tgt Ion: 62 Resp: 158736
Ion Ratio Lower Upper
62 100
98 9.9 7.6 11.4





#29

Cyclohexane

Concen: 56.047 ug/L

RT: 4.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

BFB91

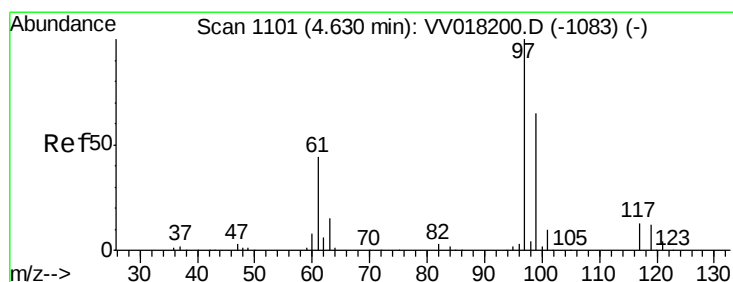
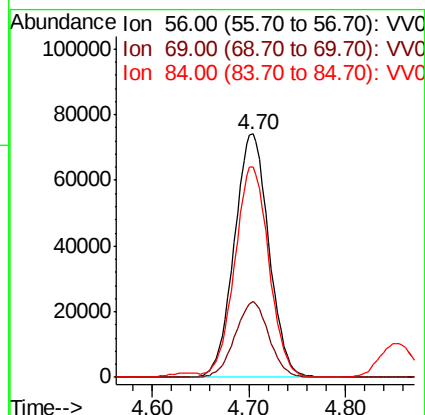
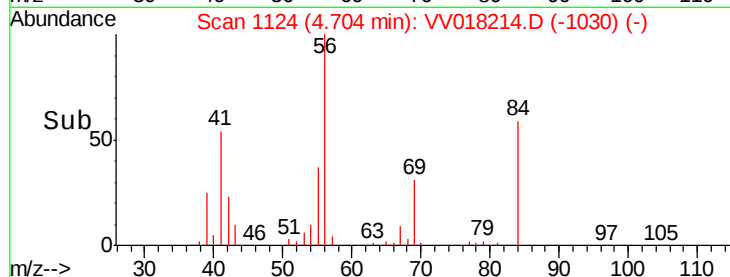
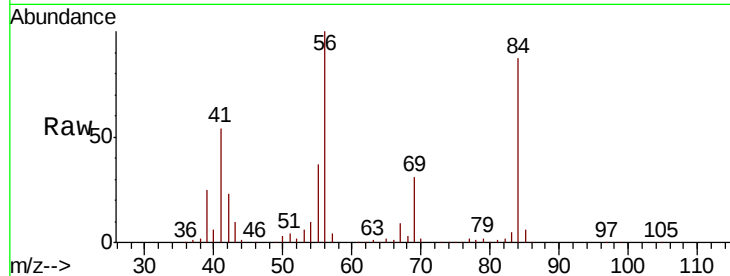
Tot Ion: 56 Resp: 183853

Ion Ratio Lower Upper

56 100

69 30.4 24.2 36.2

84 85.8 68.3 102.5



#30

1,1,1-Trichloroethane

Concen: 55.174 ug/L

RT: 4.63 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

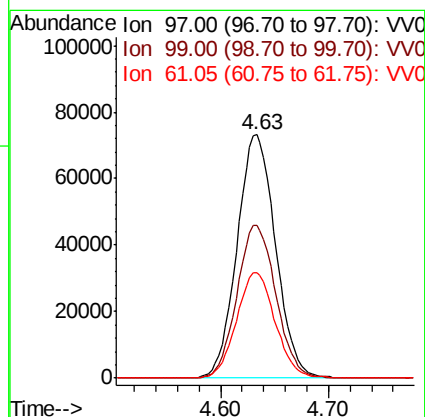
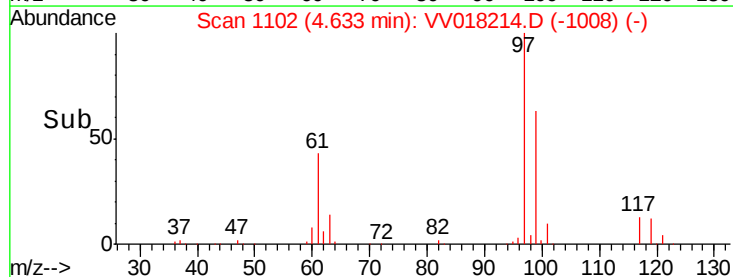
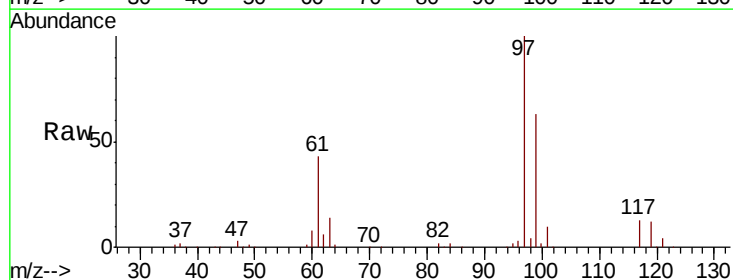
Tgt Ion: 97 Resp: 181896

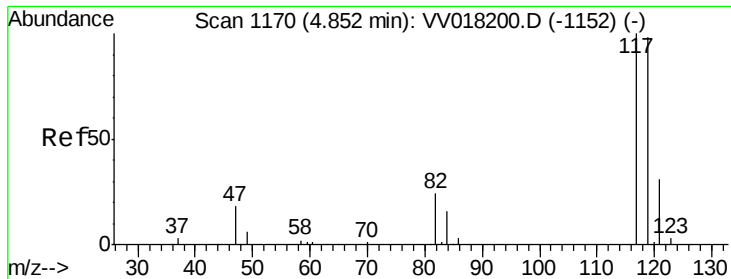
Ion Ratio Lower Upper

97 100

99 63.5 51.6 77.4

61 43.5 34.9 52.3





#31

Carbon tetrachloride

Concen: 54.965 ug/L

RT: 4.85 min Scan# 1170

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

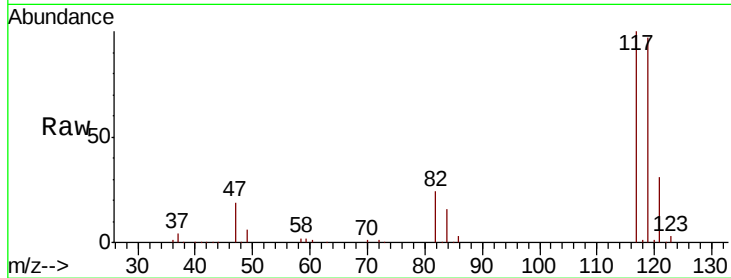
BFB91

Tot Ion:117 Resp: 159339

Ion Ratio Lower Upper

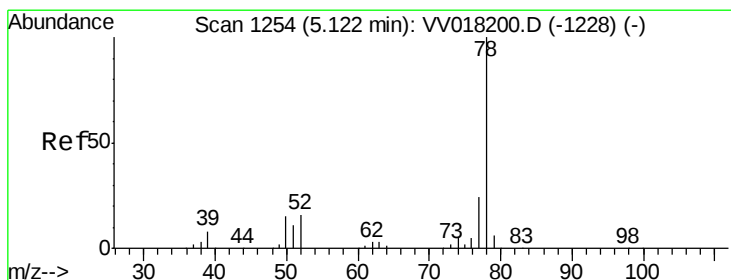
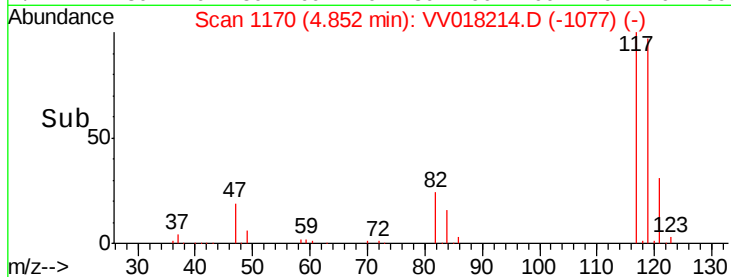
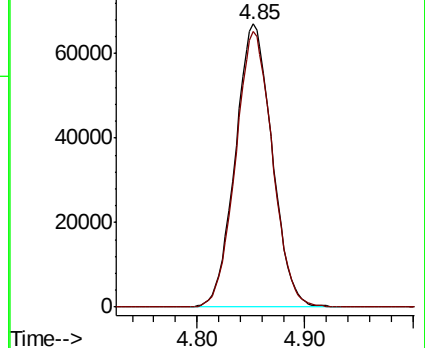
117 100

119 97.2 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 55.254 ug/L

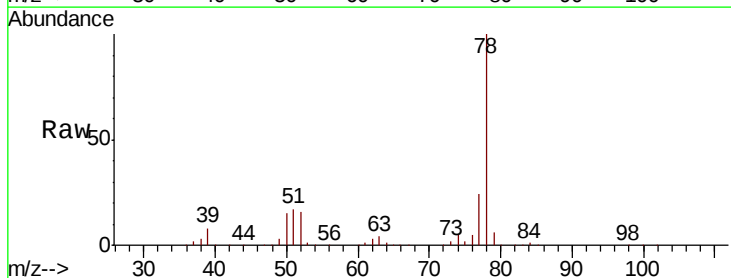
RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

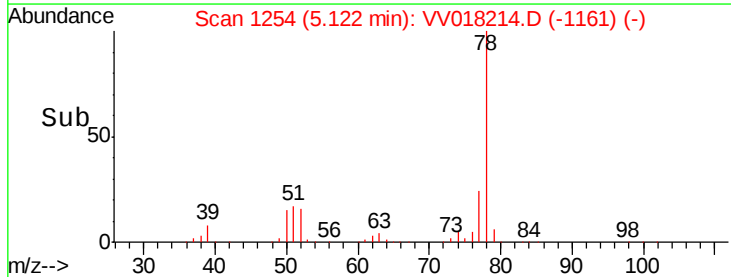
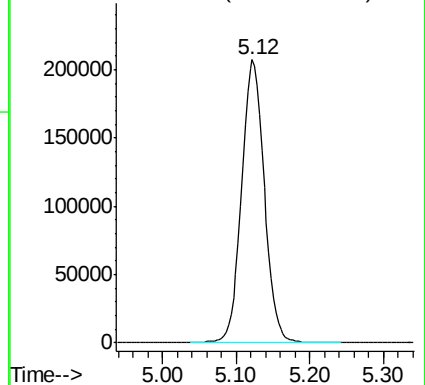
Lab File: VV018214.D

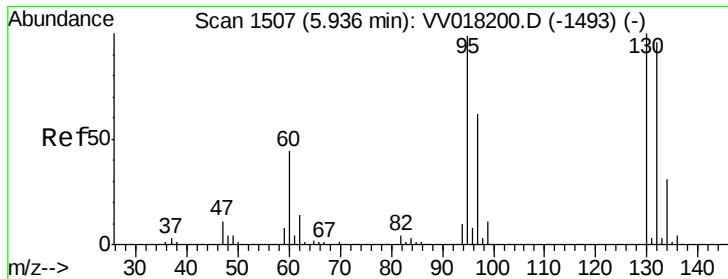
Acq: 15 Sep 2020 11:13

Tgt Ion: 78 Resp: 448772



Abundance Ion 78.00 (77.70 to 78.70): VV0

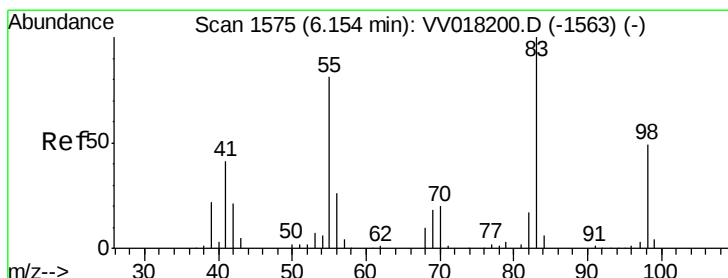
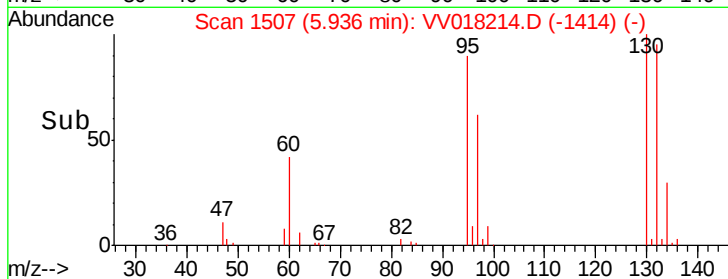
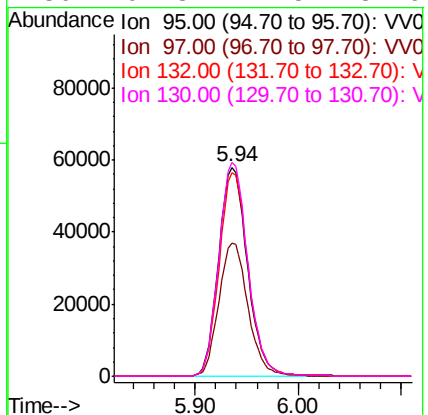
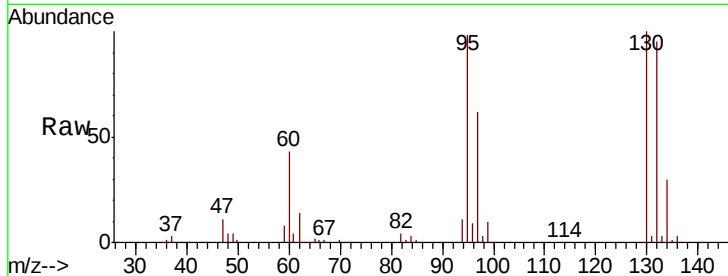




#34
 Trichloroethene
 Concen: 51.451 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

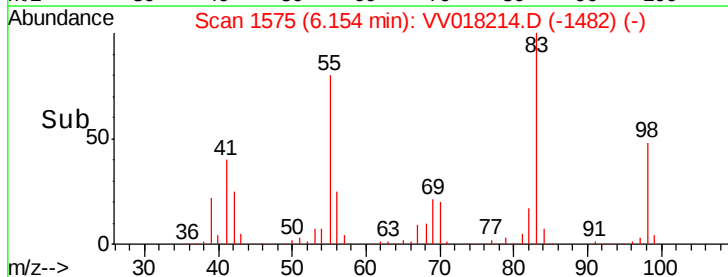
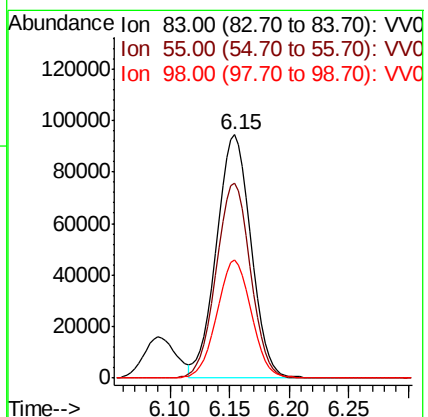
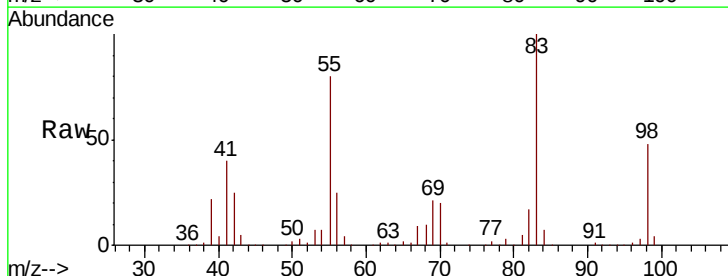
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB91

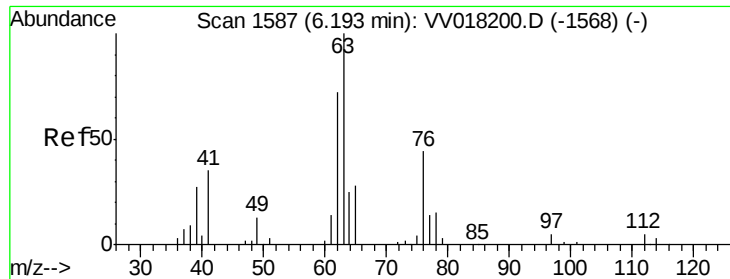
Tot Ion: 95 Resp: 113837
 Ion Ratio Lower Upper
 95 100
 97 64.0 46.3 85.9
 132 97.6 68.1 126.5
 130 102.3 71.5 132.9



#35
 Methylcyclohexane
 Concen: 57.043 ug/L
 RT: 6.15 min Scan# 1575
 Delta R.T. -0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

Tgt Ion: 83 Resp: 190028
 Ion Ratio Lower Upper
 83 100
 55 80.0 63.4 95.2
 98 48.5 38.8 58.2





#37

1,2-Dichloropropane

Concen: 54.417 ug/L

RT: 6.20 min Scan# 1588

Delta R.T. 0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

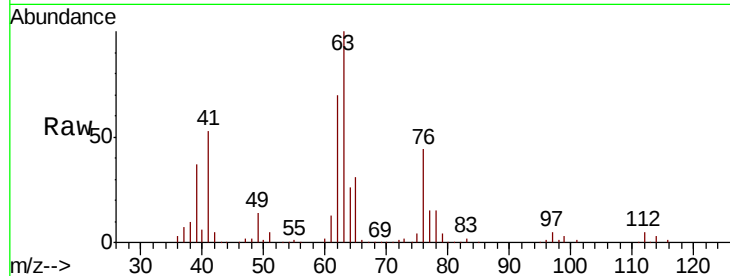
BFB91

Tot Ion: 63 Resp: 117119

Ion Ratio Lower Upper

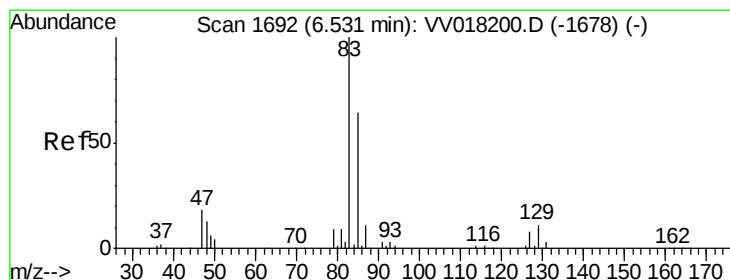
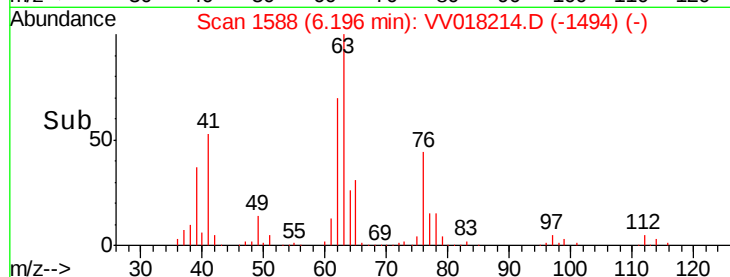
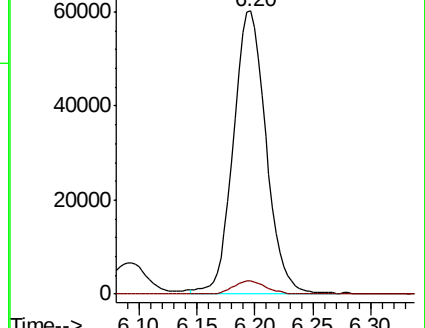
63 100

112 4.6 3.4 5.2



Abundance Ion 63.00 (62.70 to 63.70): VV018214.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV018214.D (-1568) (-)



#38

Bromodichloromethane

Concen: 54.351 ug/L

RT: 6.53 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

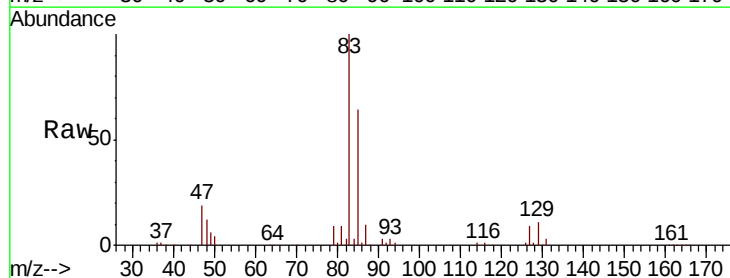
Tgt Ion: 83 Resp: 152225

Ion Ratio Lower Upper

83 100

85 63.9 44.7 82.9

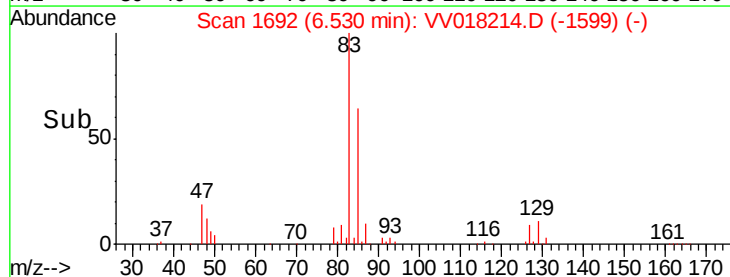
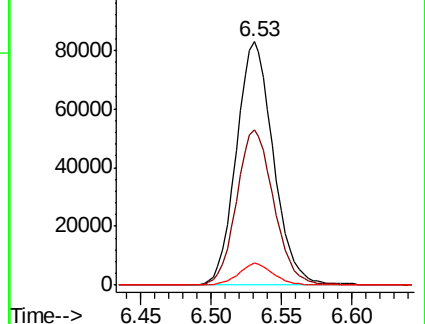
127 8.9 6.7 10.1

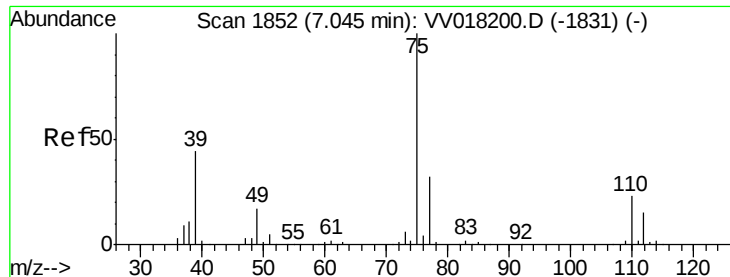


Abundance Ion 83.00 (82.70 to 83.70): VV018214.D (-1599) (-)

Ion 85.00 (84.70 to 85.70): VV018214.D (-1599) (-)

Ion 127.00 (126.70 to 127.70): VV018214.D (-1599) (-)

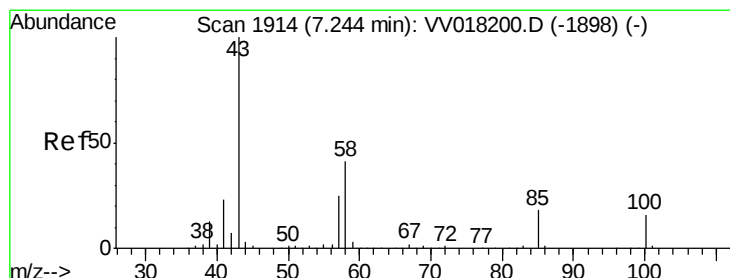
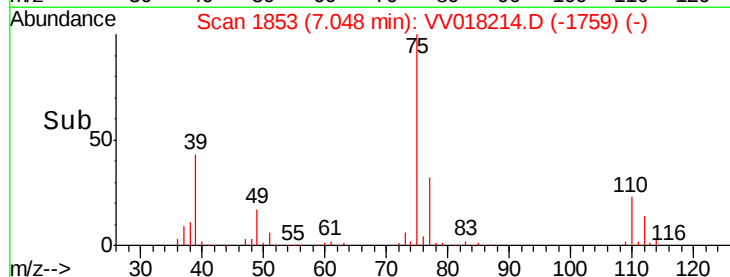
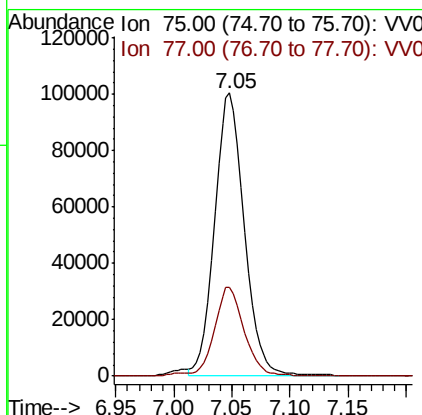
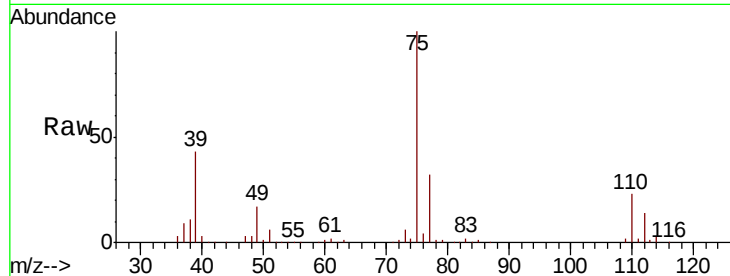




#39
 cis-1,3-Dichloropropene
 Concen: 53.574 ug/L
 RT: 7.05 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

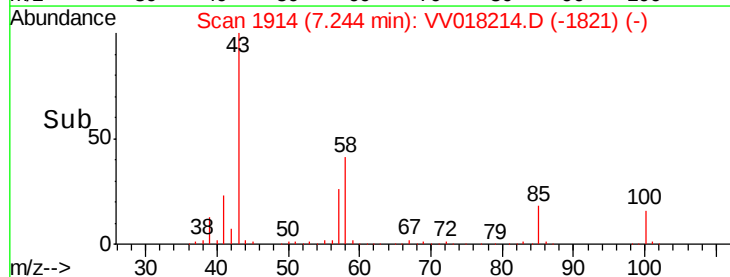
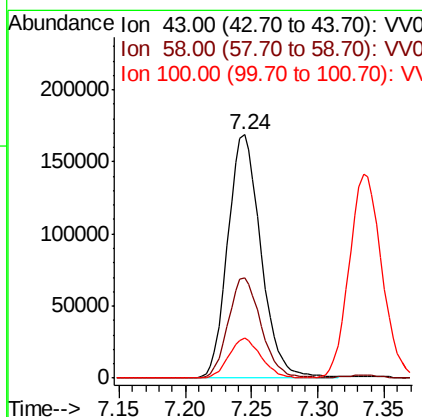
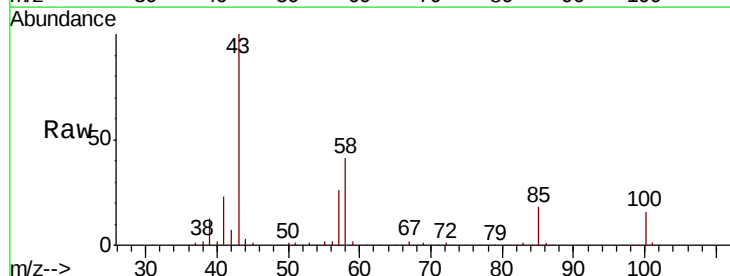
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB91

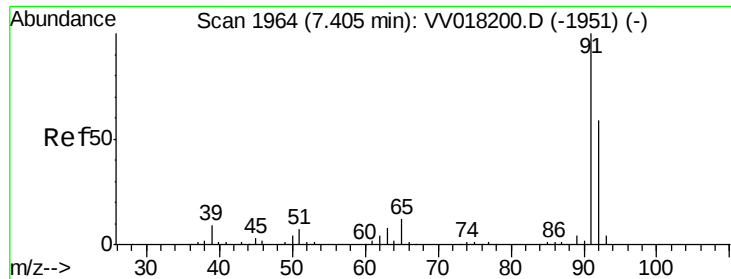
Tot Ion: 75 Resp: 177657
 Ion Ratio Lower Upper
 75 100
 77 31.5 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 112.749 ug/L
 RT: 7.24 min Scan# 1914
 Delta R.T. -0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

Tgt Ion: 43 Resp: 294390
 Ion Ratio Lower Upper
 43 100
 58 40.8 32.4 48.6
 100 16.0 12.7 19.1





#42

Toluene

Concen: 56.422 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. 0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

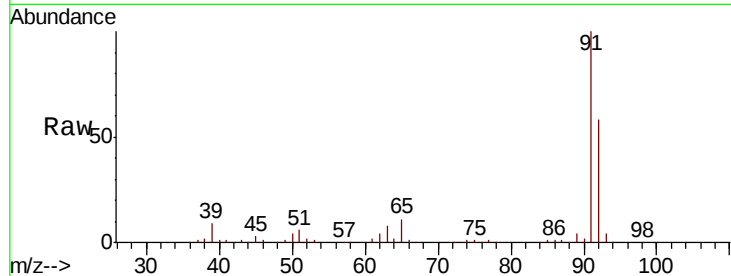
BFB91

Tot Ion: 91 Resp: 484967

Ion Ratio Lower Upper

91 100

92 57.7 40.7 75.5



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

7.41

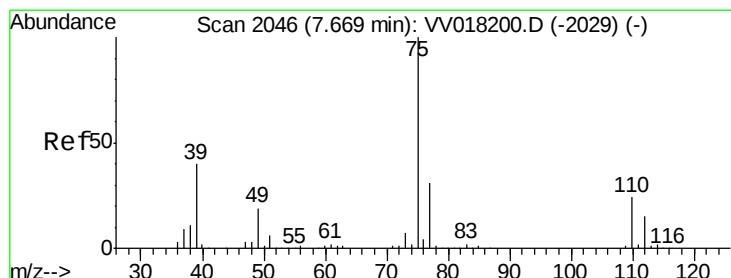
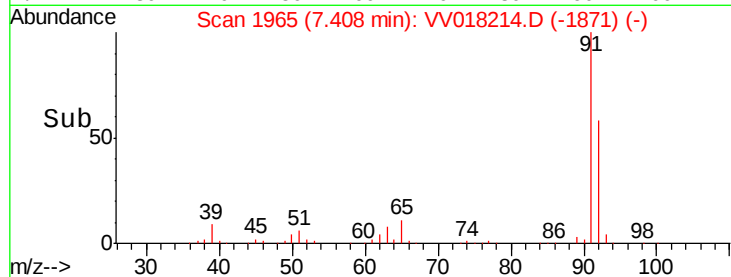
300000

200000

100000

0

Time--> 7.30 7.40 7.50



#44

trans-1,3-Dichloropropene

Concen: 55.522 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.00 min

Lab File: VV018214.D

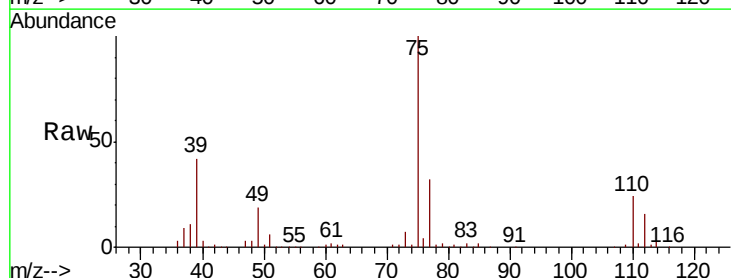
Acq: 15 Sep 2020 11:13

Tgt Ion: 75 Resp: 179268

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

7.67

120000

100000

80000

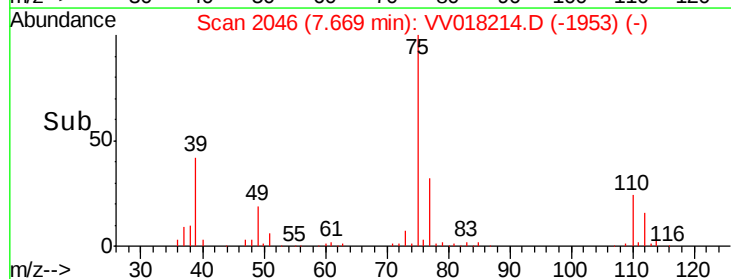
60000

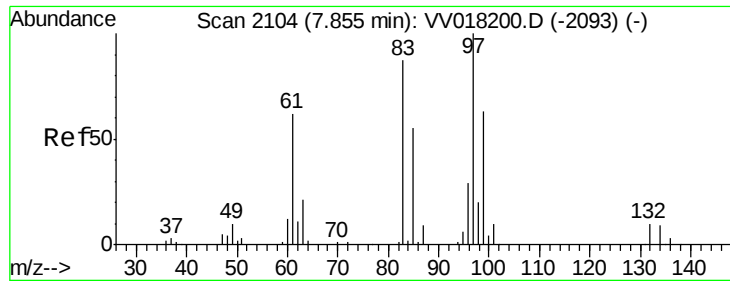
40000

20000

0

Time--> 7.55 7.60 7.65 7.70 7.75

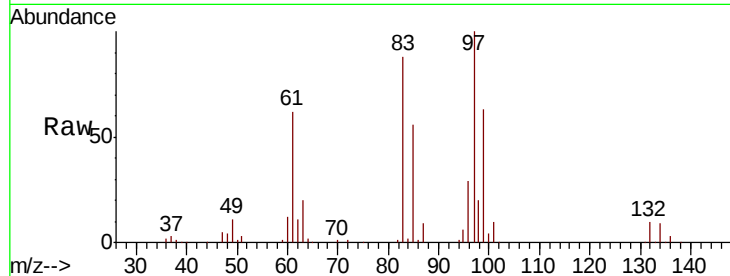




#45
 1,1,2-Trichloroethane
 Concen: 54.926 ug/L
 RT: 7.86 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB91

Tot Ion:	97	Resp:	109570
Ion	Ratio	Lower	Upper
97	100		
99	63.1	43.7	81.1
83	88.0	59.9	111.3
85	55.5	37.6	69.8



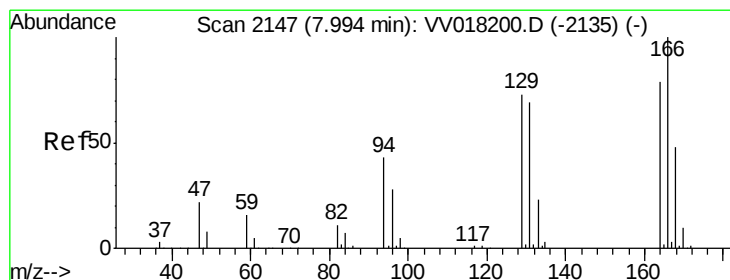
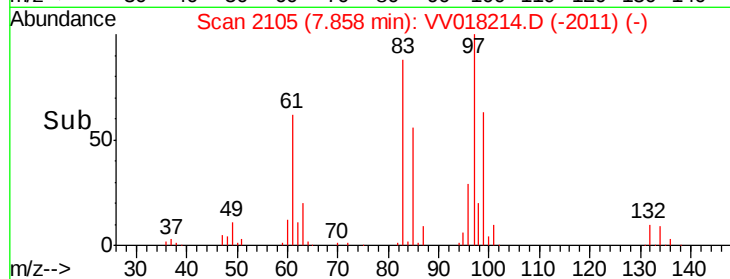
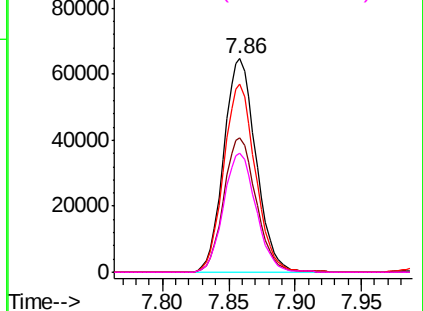
Abundance

Ion 97.00 (96.70 to 97.70): VV0

Ion 99.00 (98.70 to 99.70): VV0

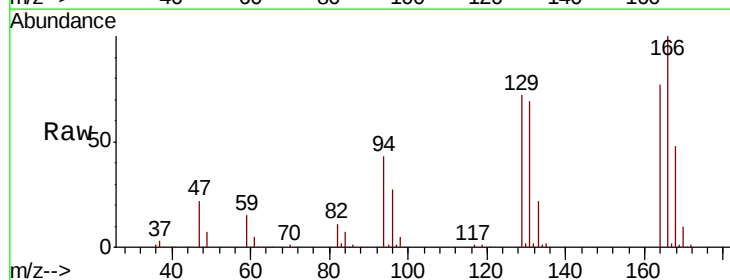
Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0



#46
 Tetrachloroethene
 Concen: 55.897 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

Tgt Ion:	164	Resp:	96970
Ion	Ratio	Lower	Upper
164	100		
129	92.8	64.5	119.7
131	89.0	61.8	114.8
166	129.7	90.6	168.2



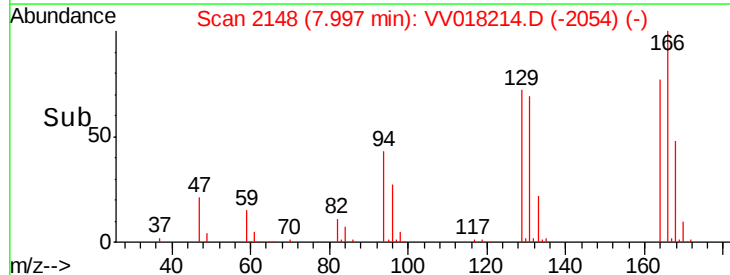
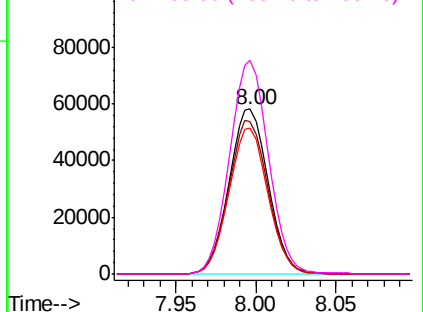
Abundance

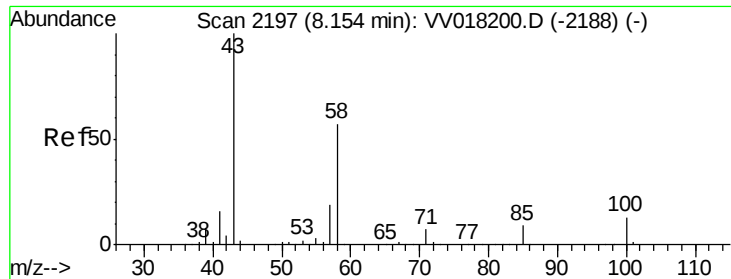
Ion 164.00 (163.70 to 164.70): V

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

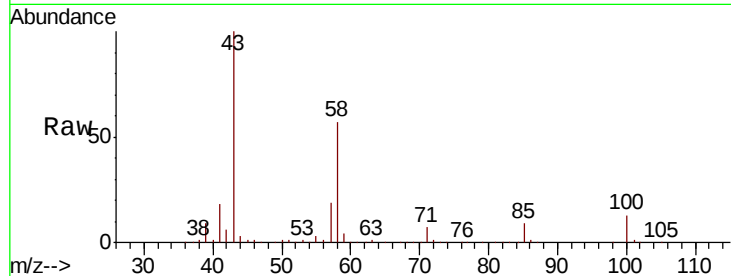




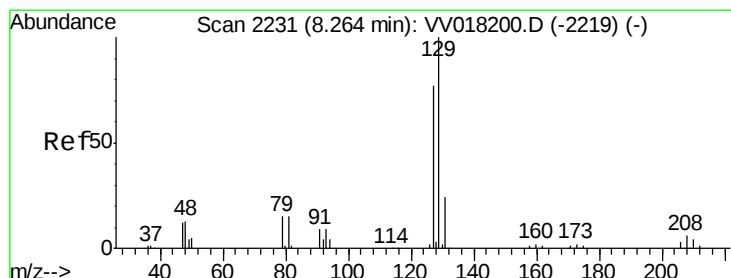
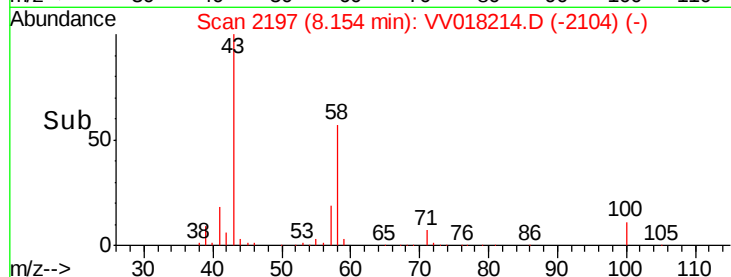
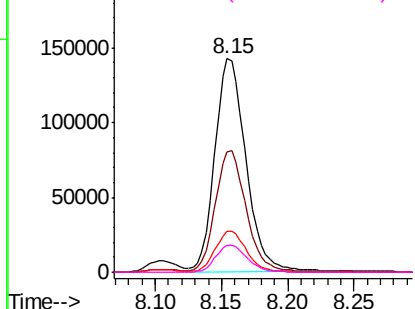
#48
2-Hexanone
Concen: 112.086 ug/L
RT: 8.15 min Scan# 2197
Delta R.T. -0.00 min
Lab File: VV018214.D
Acq: 15 Sep 2020 11:13

Instrument :
MSVOA_V
ClientSampleId :
BFB91

Tot Ion: 43 Resp: 230728
Ion Ratio Lower Upper
43 100
58 56.8 44.8 67.2
57 19.8 15.8 23.6
100 12.9 10.2 15.4

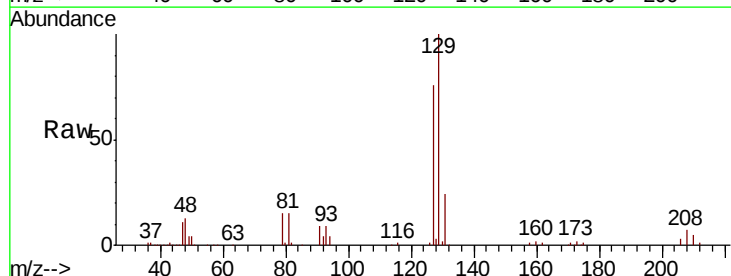


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

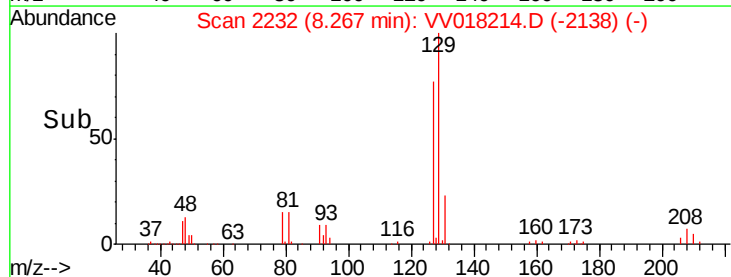
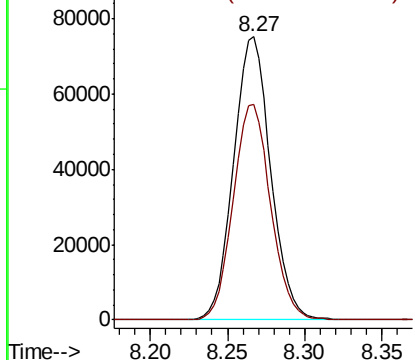


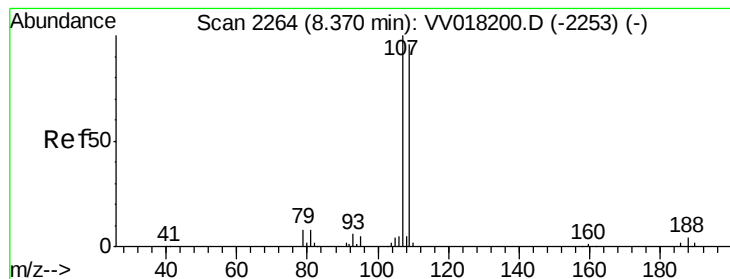
#49
Dibromochloromethane
Concen: 55.839 ug/L
RT: 8.27 min Scan# 2232
Delta R.T. 0.00 min
Lab File: VV018214.D
Acq: 15 Sep 2020 11:13

Tgt Ion: 129 Resp: 125033
Ion Ratio Lower Upper
129 100
127 75.9 54.5 101.1



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





#50

1,2-Dibromoethane

Concen: 55.914 ug/L

RT: 8.37 min Scan# 2265

Delta R.T. 0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

BFB91

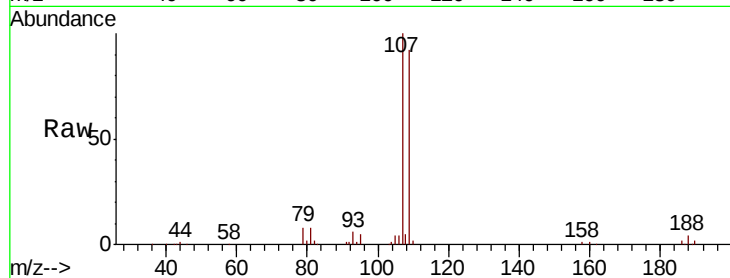
Tot Ion:107 Resp: 117391

Ion Ratio Lower Upper

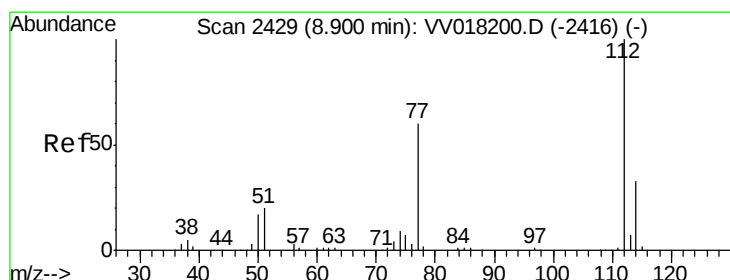
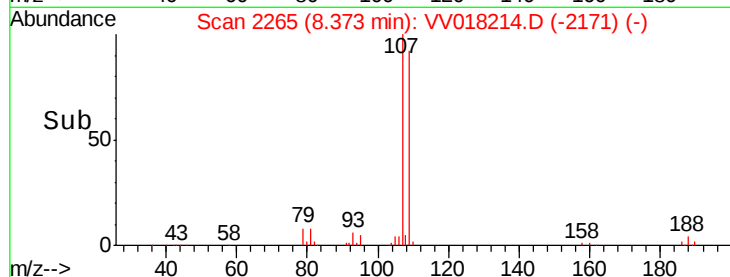
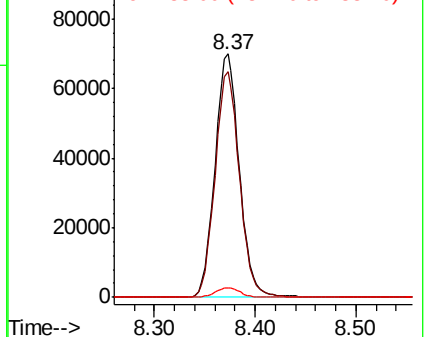
107 100

109 92.5 66.1 122.8

188 4.0 3.2 4.8



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V



#51

Chlorobenzene

Concen: 55.447 ug/L

RT: 8.90 min Scan# 2429

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

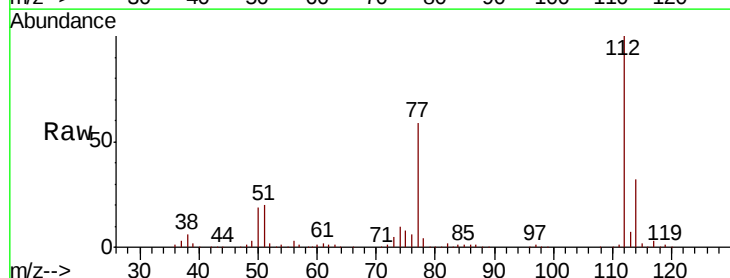
Tgt Ion:112 Resp: 309508

Ion Ratio Lower Upper

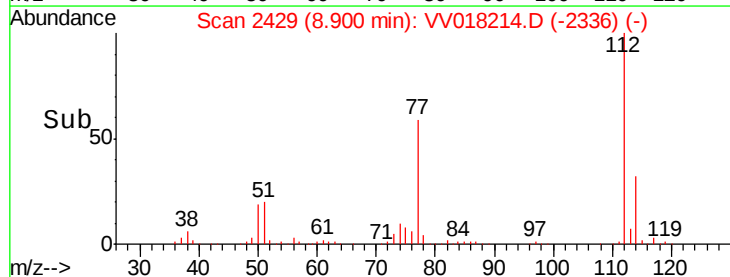
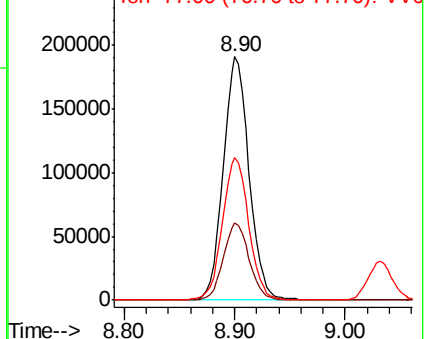
112 100

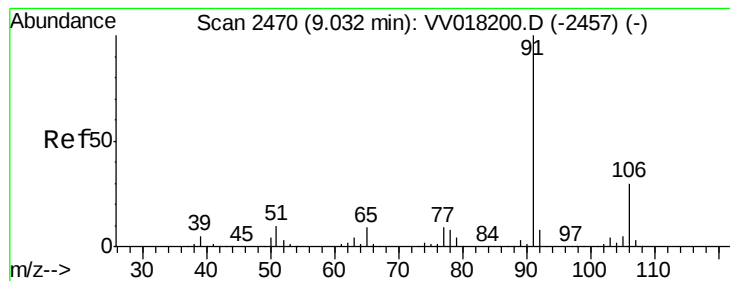
114 31.7 22.6 42.0

77 58.7 48.0 72.0



Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 56.425 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

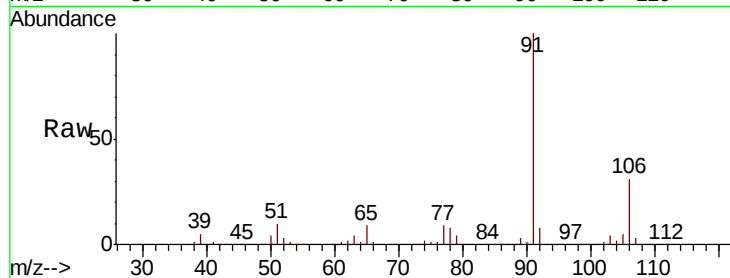
BFB91

Tot Ion: 91 Resp: 529492

Ion Ratio Lower Upper

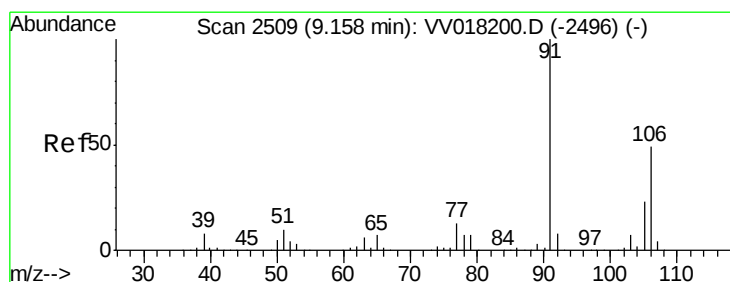
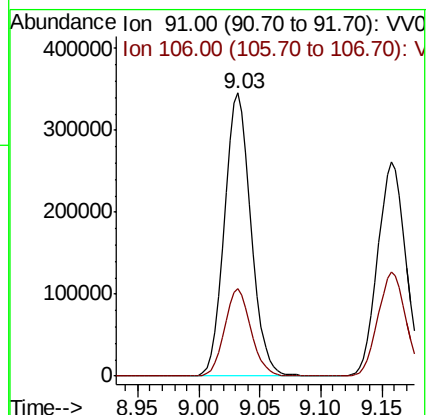
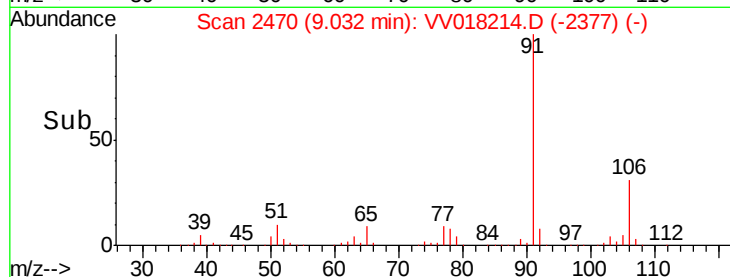
91 100

106 30.9 21.3 39.5



Abundance Ion 91.00 (90.70 to 91.70): VV018214.D (-2377) (-)

Ion 106.00 (105.70 to 106.70): VV018214.D (-2377) (-)



#53

m,p-Xylene

Concen: 57.334 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV018214.D

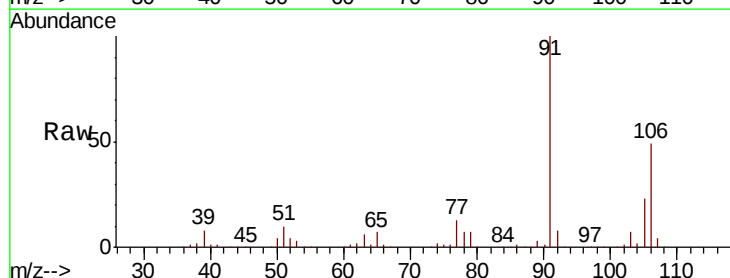
Acq: 15 Sep 2020 11:13

Tgt Ion: 106 Resp: 200819

Ion Ratio Lower Upper

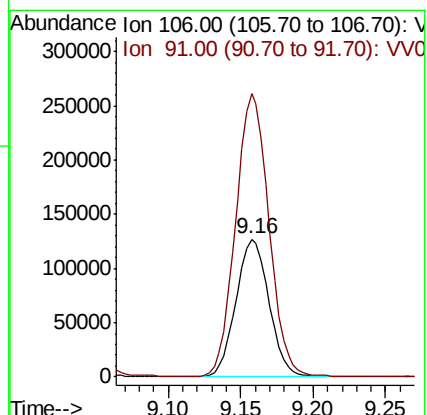
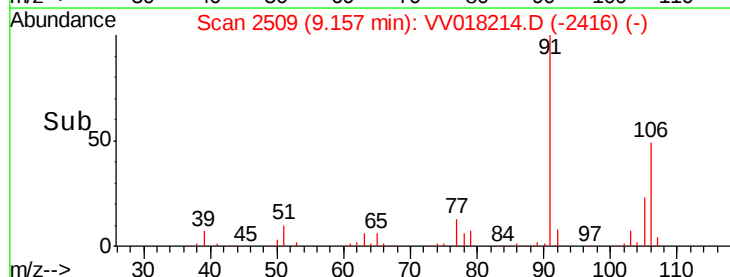
106 100

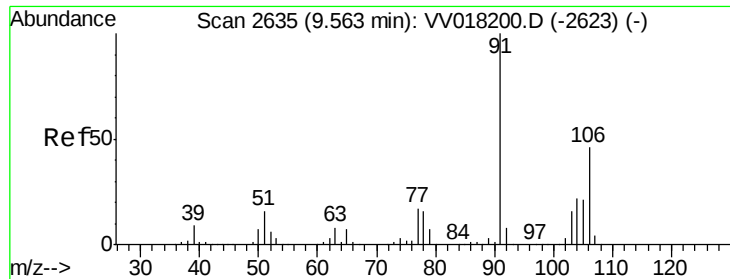
91 205.1 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): VV018214.D (-2416) (-)

Ion 91.00 (90.70 to 91.70): VV018214.D (-2416) (-)





#54

o-xylene

Concen: 57.088 ug/L

RT: 9.56 min Scan# 2635

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampled :

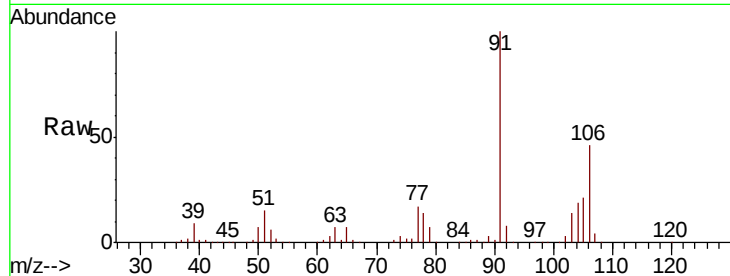
BFB91

Tot Ion:106 Resp: 192638

Ion Ratio Lower Upper

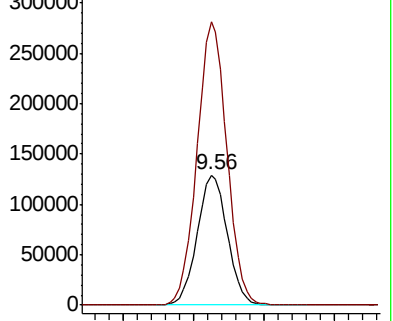
106 100

91 217.6 152.2 282.6

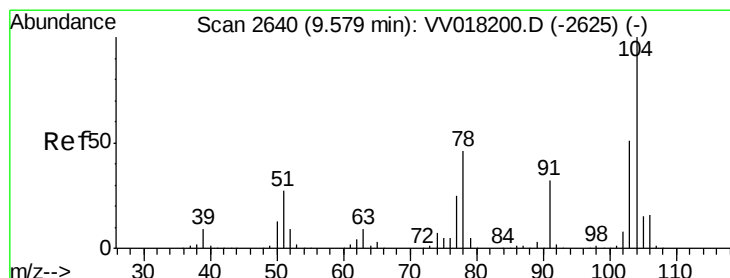
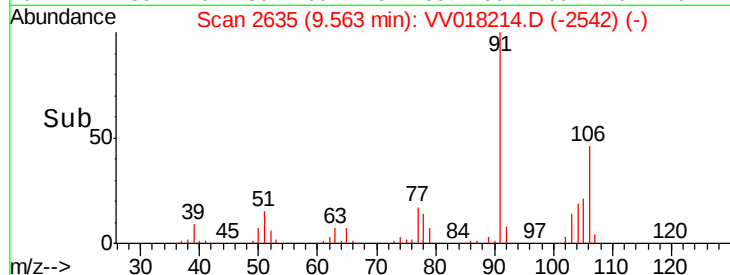


Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



Time-->



#55

Styrene

Concen: 59.156 ug/L

RT: 9.58 min Scan# 2640

Delta R.T. -0.00 min

Lab File: VV018214.D

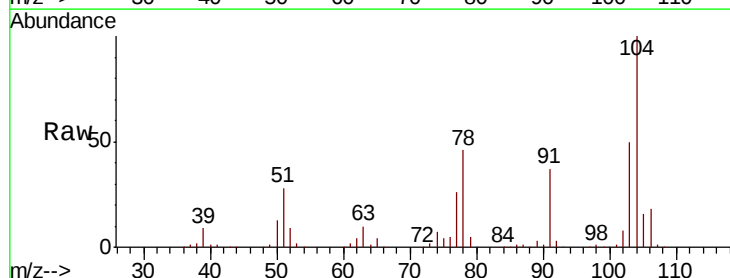
Acq: 15 Sep 2020 11:13

Tgt Ion:104 Resp: 346953

Ion Ratio Lower Upper

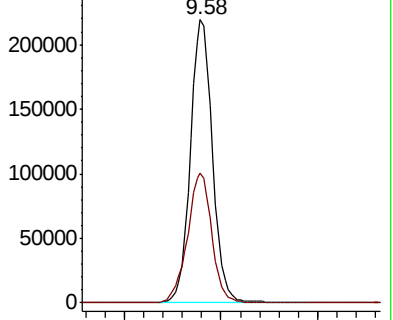
104 100

78 45.9 31.4 58.2

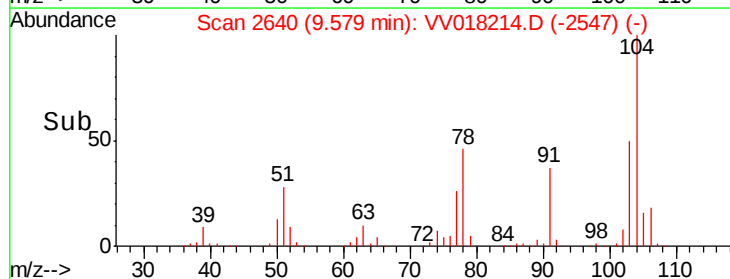


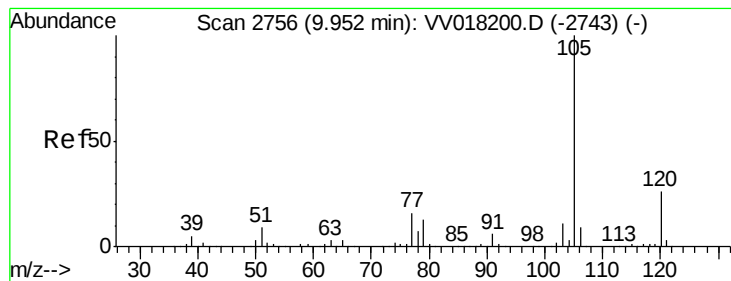
Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0



Time-->





#56

Isopropylbenzene

Concen: 57.839 ug/L

RT: 9.95 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

BFB91

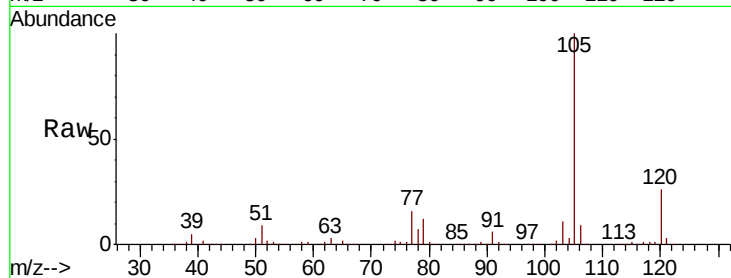
Tot Ion:105 Resp: 525998

Ion Ratio Lower Upper

105 100

120 26.2 20.9 31.3

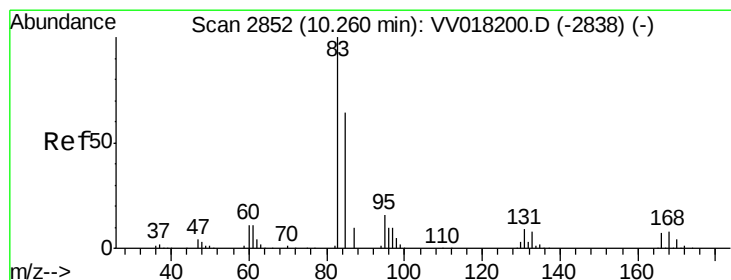
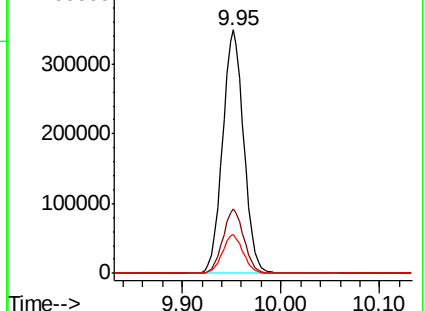
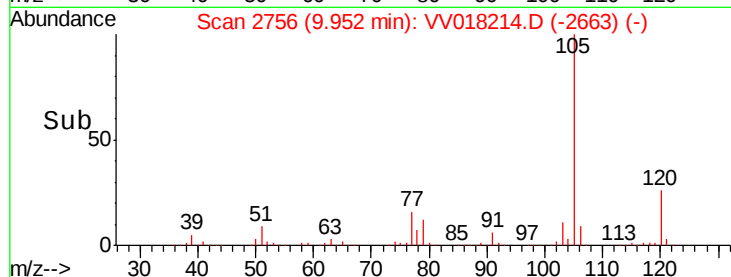
77 15.7 12.5 18.7



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: 60.667 ug/L

RT: 10.26 min Scan# 2852

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

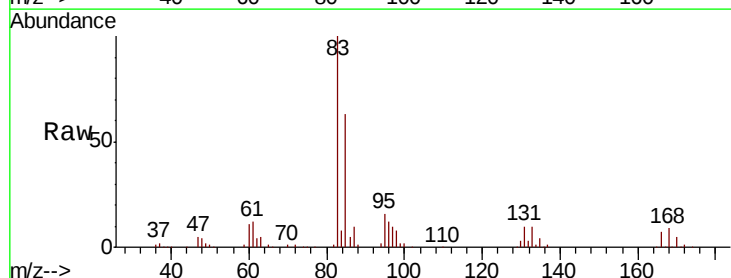
Tgt Ion: 83 Resp: 179021

Ion Ratio Lower Upper

83 100

85 63.5 45.8 85.2

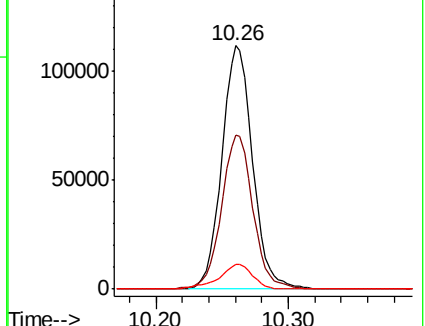
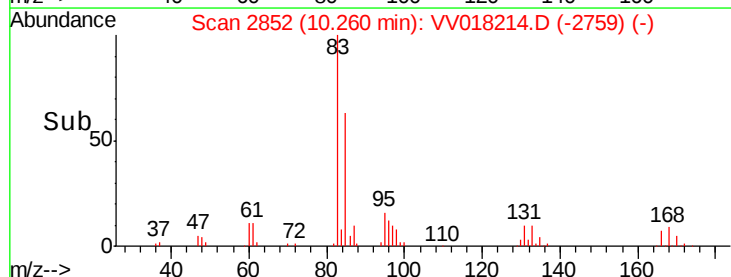
131 10.0 8.0 12.0

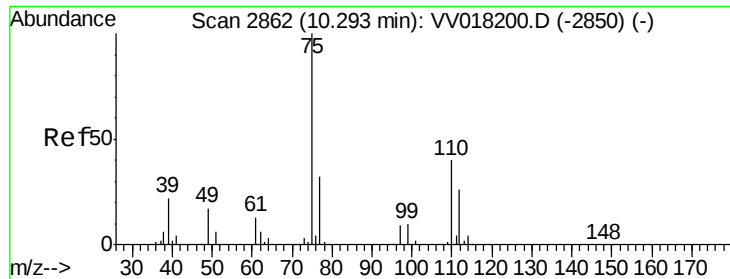


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V

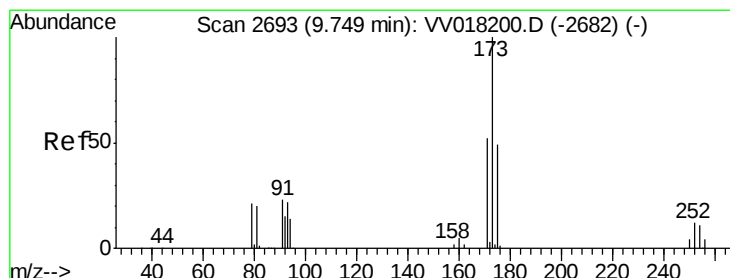
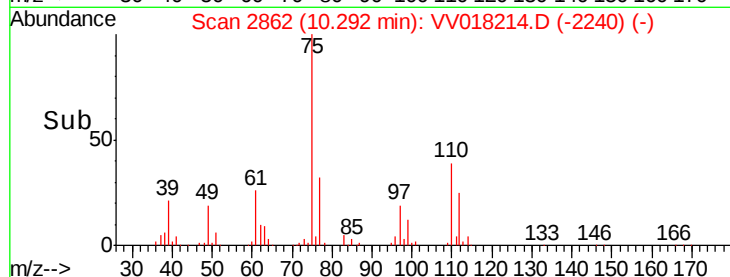
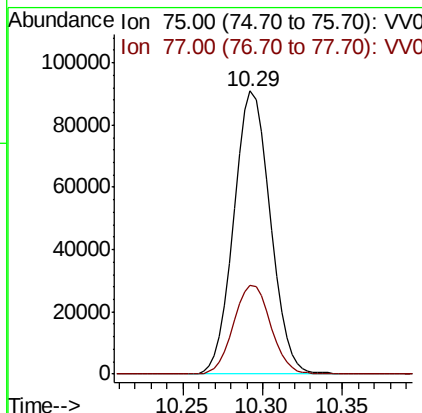
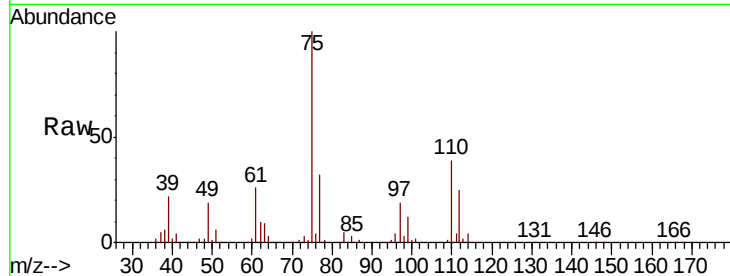




#59
 1,2,3-Trichloropropane
 Concen: 55.880 ug/L
 RT: 10.29 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

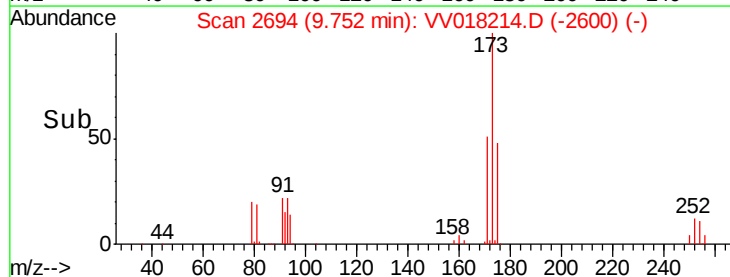
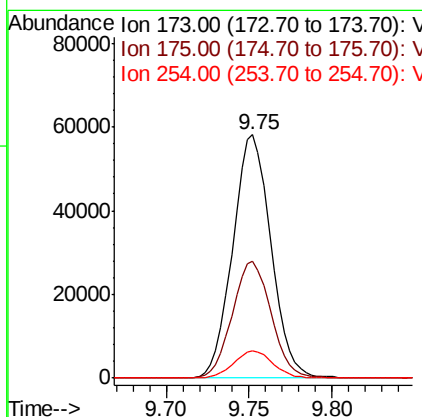
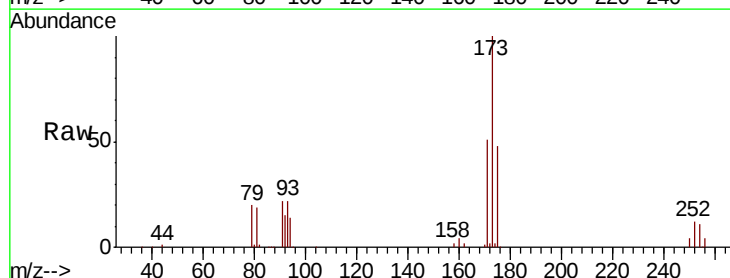
Instrument :
 MSVOA_V
 ClientSampled :
 BFB91

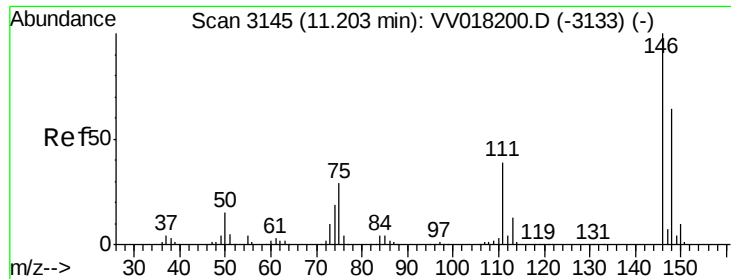
Tot Ion: 75 Resp: 141457
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.8 38.6



#61
 Bromoform
 Concen: 54.835 ug/L
 RT: 9.75 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

Tgt Ion: 173 Resp: 93452
 Ion Ratio Lower Upper
 173 100
 175 48.7 39.0 58.6
 254 11.3 9.0 13.4





#62

1,3-Dichlorobenzene

Concen: 55.424 ug/L

RT: 11.20 min Scan# 3145

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

BFB91

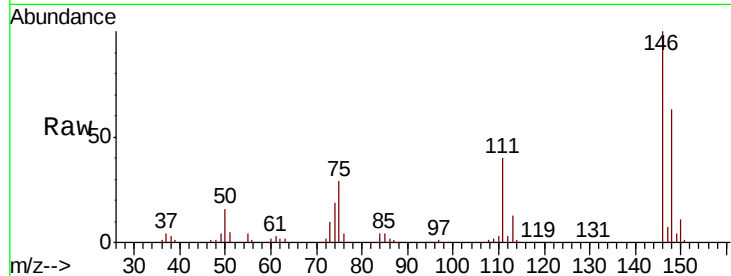
Tot Ion:146 Resp: 261449

Ion Ratio Lower Upper

146 100

111 39.7 27.6 51.2

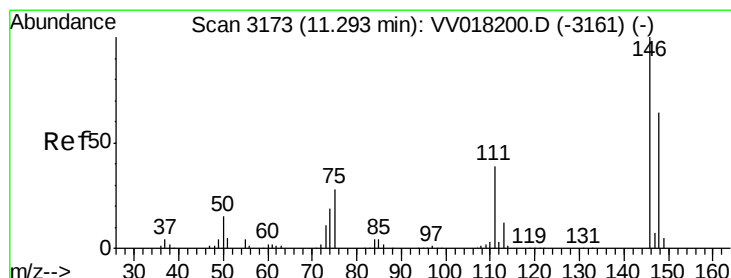
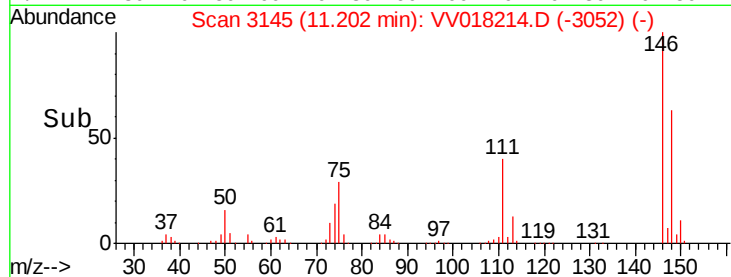
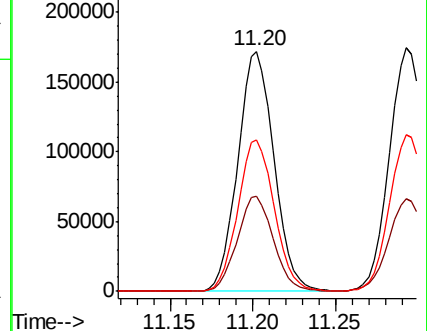
148 63.3 45.4 84.2



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



#63

1,4-Dichlorobenzene

Concen: 55.338 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

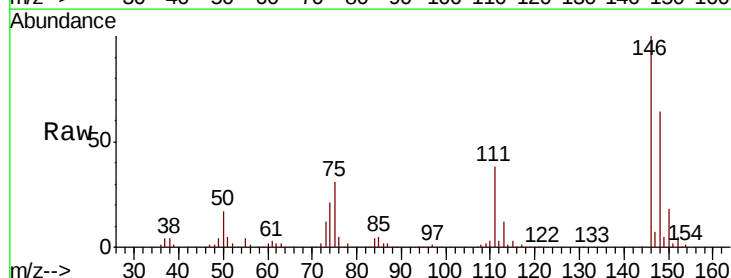
Tgt Ion:146 Resp: 268319

Ion Ratio Lower Upper

146 100

111 38.3 27.1 50.3

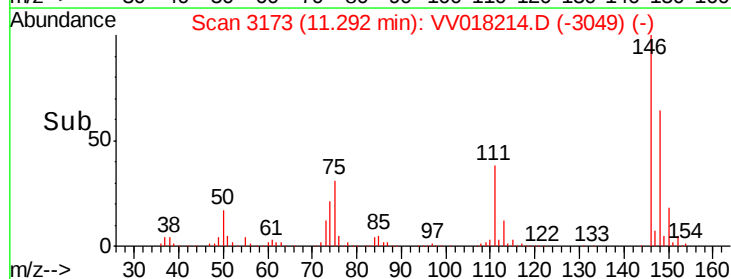
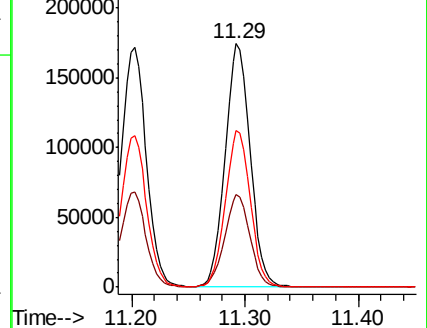
148 64.4 45.4 84.2

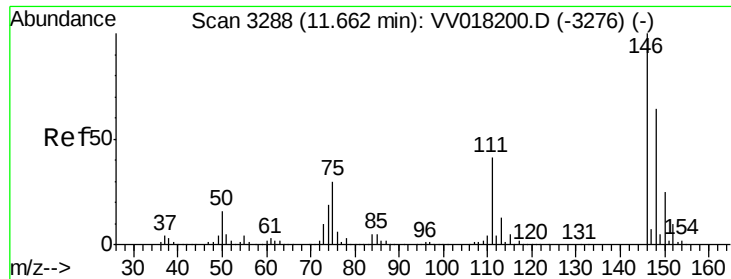


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

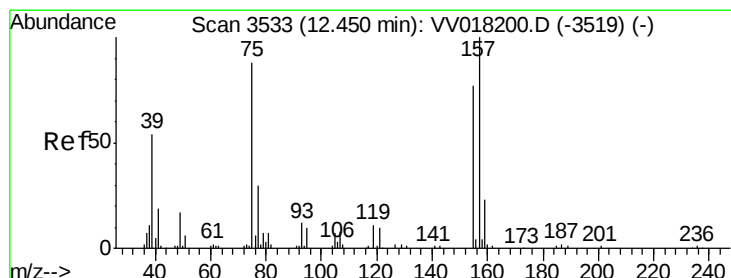
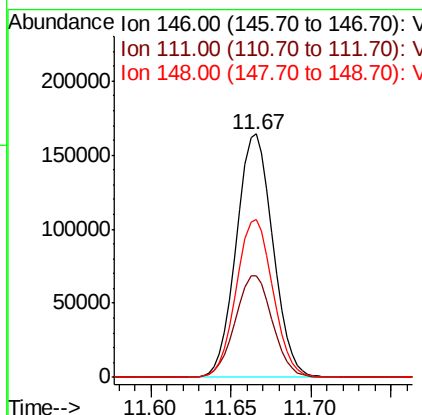
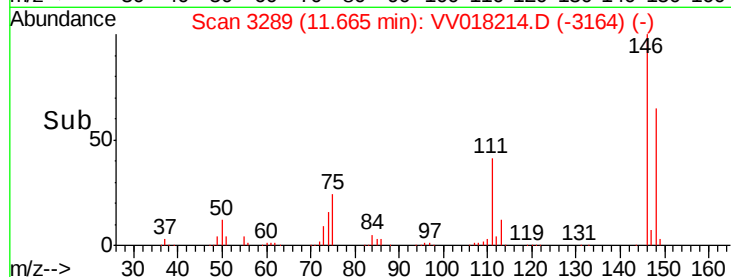
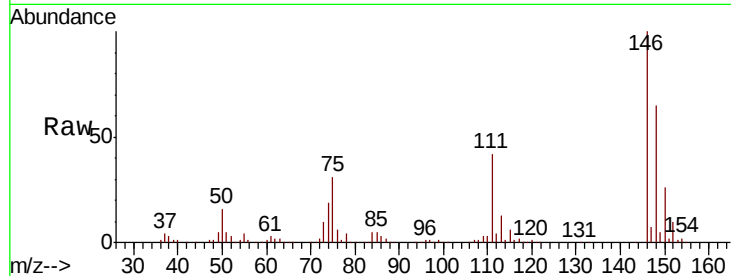




#65
 1,2-Dichlorobenzene
 Concen: 53.721 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

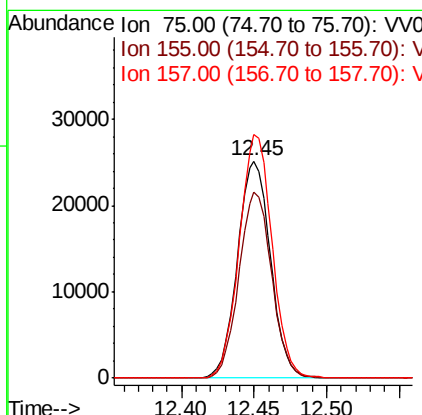
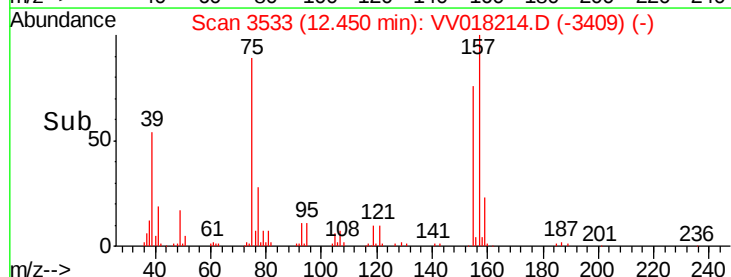
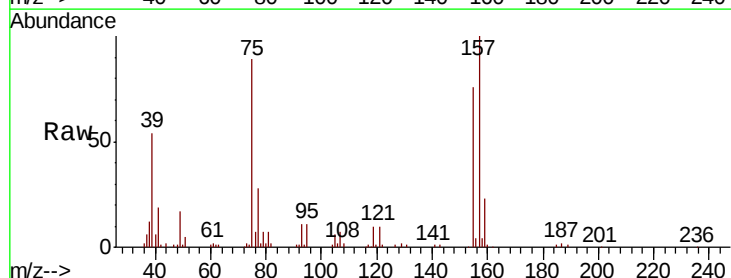
Instrument :
 MSVOA_V
 ClientSampleId :
 BFB91

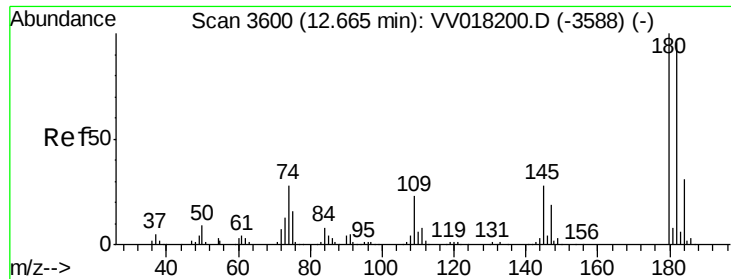
Tot Ion:146 Resp: 256145
 Ion Ratio Lower Upper
 146 100
 111 41.9 32.8 49.2
 148 64.9 50.7 76.1



#66
 1,2-Dibromo-3-chloropropane
 Concen: 59.183 ug/L
 RT: 12.45 min Scan# 3533
 Delta R.T. -0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

Tgt Ion: 75 Resp: 39821
 Ion Ratio Lower Upper
 75 100
 155 85.5 69.7 104.5
 157 112.0 88.2 132.4

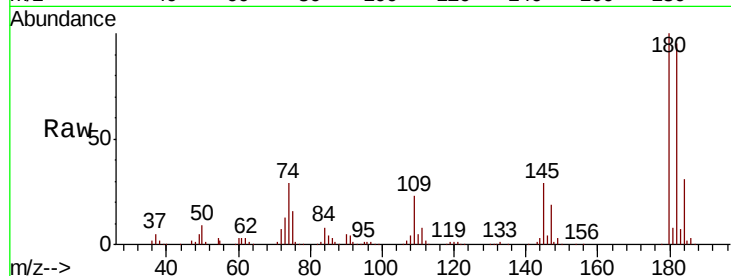




#67
 1,3,5-Trichlorobenzene
 Concen: 55.384 ug/L
 RT: 12.67 min Scan# 3600
 Delta R.T. -0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

Instrument :
 MSVOA_V
 ClientSampleId :
 BFB91

Tot Ion:	180	Resp:	205967
Ion	Ratio	Lower	Upper
180	100		
182	96.3	76.8	115.2
184	30.8	24.6	36.8
145	28.7	22.7	34.1



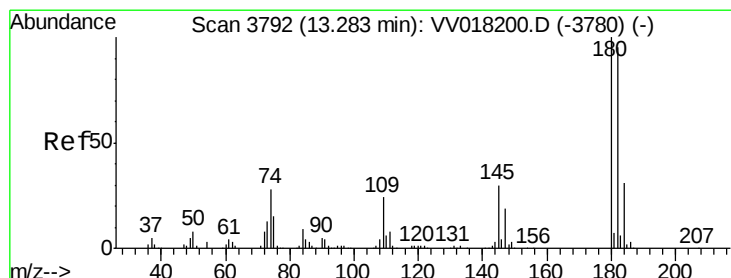
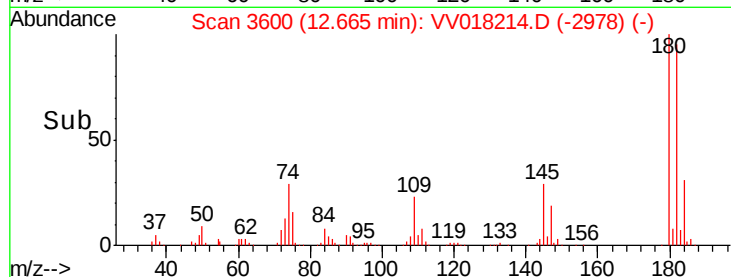
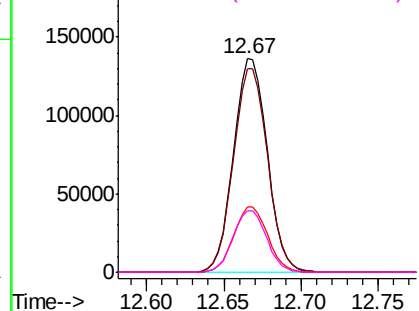
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

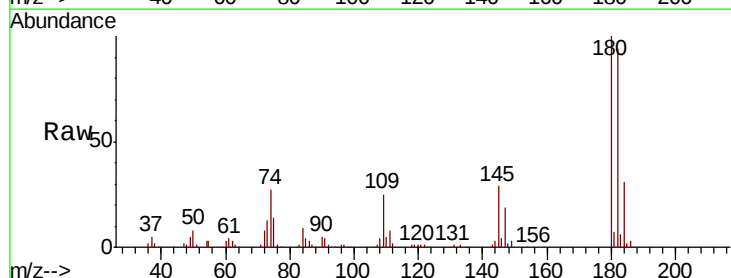
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 56.902 ug/L
 RT: 13.28 min Scan# 3792
 Delta R.T. -0.00 min
 Lab File: VV018214.D
 Acq: 15 Sep 2020 11:13

Tgt Ion:	180	Resp:	188438
Ion	Ratio	Lower	Upper
180	100		
182	95.8	77.4	116.2
145	29.3	23.2	34.8

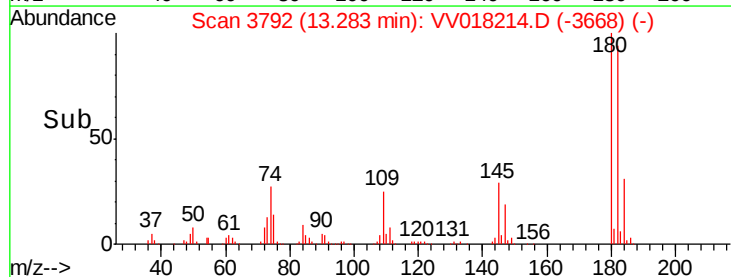
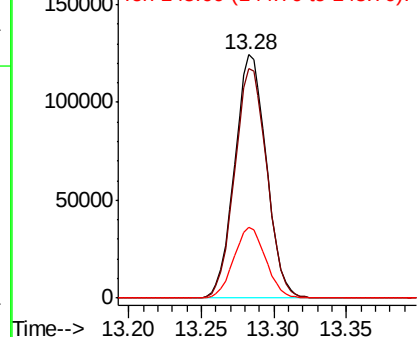


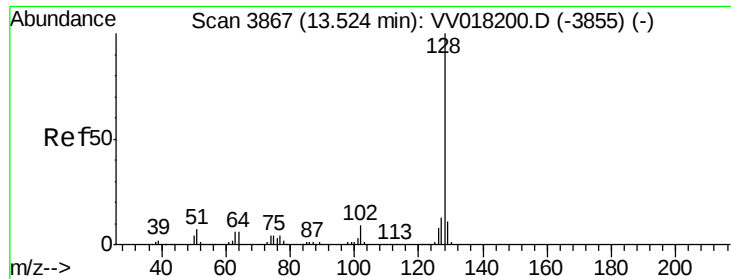
Abundance

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: 63.812 ug/L

RT: 13.52 min Scan# 3867

Delta R.T. -0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

Instrument :

MSVOA_V

ClientSampleId :

BFB91

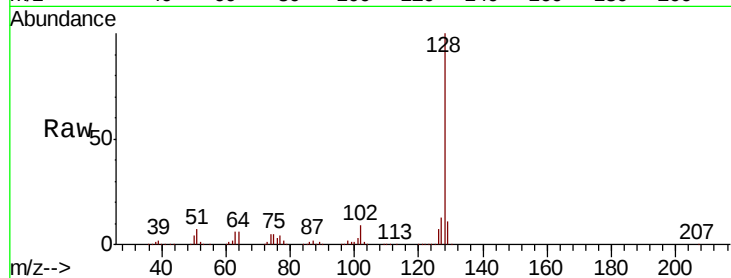
Tot Ion:128 Resp: 534710

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

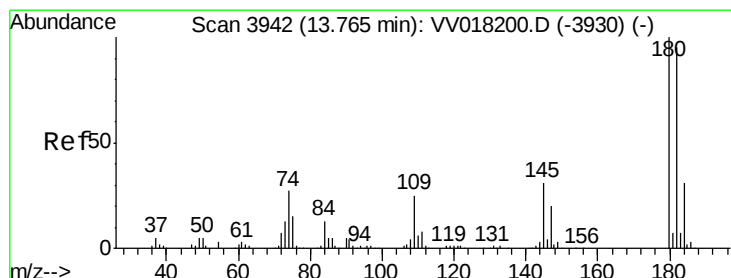
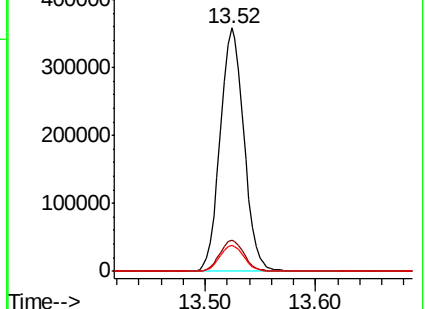
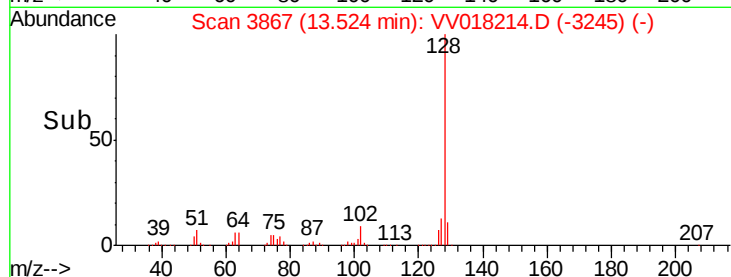
129 10.8 8.6 13.0



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: 58.988 ug/L

RT: 13.77 min Scan# 3943

Delta R.T. 0.00 min

Lab File: VV018214.D

Acq: 15 Sep 2020 11:13

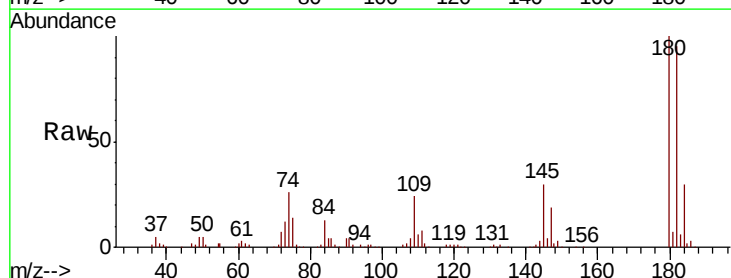
Tgt Ion:180 Resp: 192402

Ion Ratio Lower Upper

180 100

182 94.5 76.5 114.7

145 30.7 24.9 37.3



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

