

Data File : VW017405.D
Acq On : 20 Nov 2020 09:56
Operator : SY/VA
Sample : VSTDCCC025
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BFB11

Quant Time: Nov 21 00:22:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 20 09:29:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	371224	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	335657	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	178914	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	117284	21.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.36%
7) Chloroethane-d5	2.89	69	101566	23.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.08%
10) 1,1-Dichloroethene-d2	4.02	63	215253	22.39	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.56%
20) 2-Butanone-d5	7.09	46	38911	43.11	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.22%
24) Chloroform-d	7.65	84	227563	23.33	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.32%
26) 1,2-Dichloroethane-d4	8.31	65	111891	23.75	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.00%
29) Benzene-d6	8.27	84	440413	23.28	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.12%
33) 1,2-Dichloropropane-d6	9.27	67	121240	24.05	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.20%
37) Toluene-d8	10.32	98	417908	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.84%
38) trans-1,3-Dichloropropene-	10.58	79	51978	23.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.72%
39) 2-Hexanone-d5	10.93	63	31404	46.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	92484	24.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	152234	23.05	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	74562	21.617 ug/L	95
3) Chloromethane	2.21	50	93342	24.886 ug/L	98
5) Vinyl chloride	2.36	62	144845	26.294 ug/L	99
6) Bromomethane	2.79	94	103115	24.929 ug/L	98
8) Chloroethane	2.93	64	93301	27.061 ug/L	100
9) Trichlorofluoromethane	3.26	101	124512	25.403 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	130971	25.747 ug/L	98
12) 1,1-Dichloroethene	4.04	96	124731	25.530 ug/L	90
13) Acetone	4.16	43	28263	42.919 ug/L	92
14) Carbon disulfide	4.38	76	367550	25.612 ug/L	99
15) Methyl Acetate	4.68	43	34218	23.726 ug/L	100
16) Methylene chloride	4.92	84	126451	19.914 ug/L	98
17) Methyl tert-butyl Ether	5.43	73	144836	25.159 ug/L	# 90
18) trans-1,2-Dichloroethene	5.43	96	132254	25.292 ug/L	98
19) 1,1-Dichloroethane	6.21	63	207937	25.996 ug/L	99
21) 2-Butanone	7.18	43	43833	43.421 ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	132722	24.991 ug/L	98

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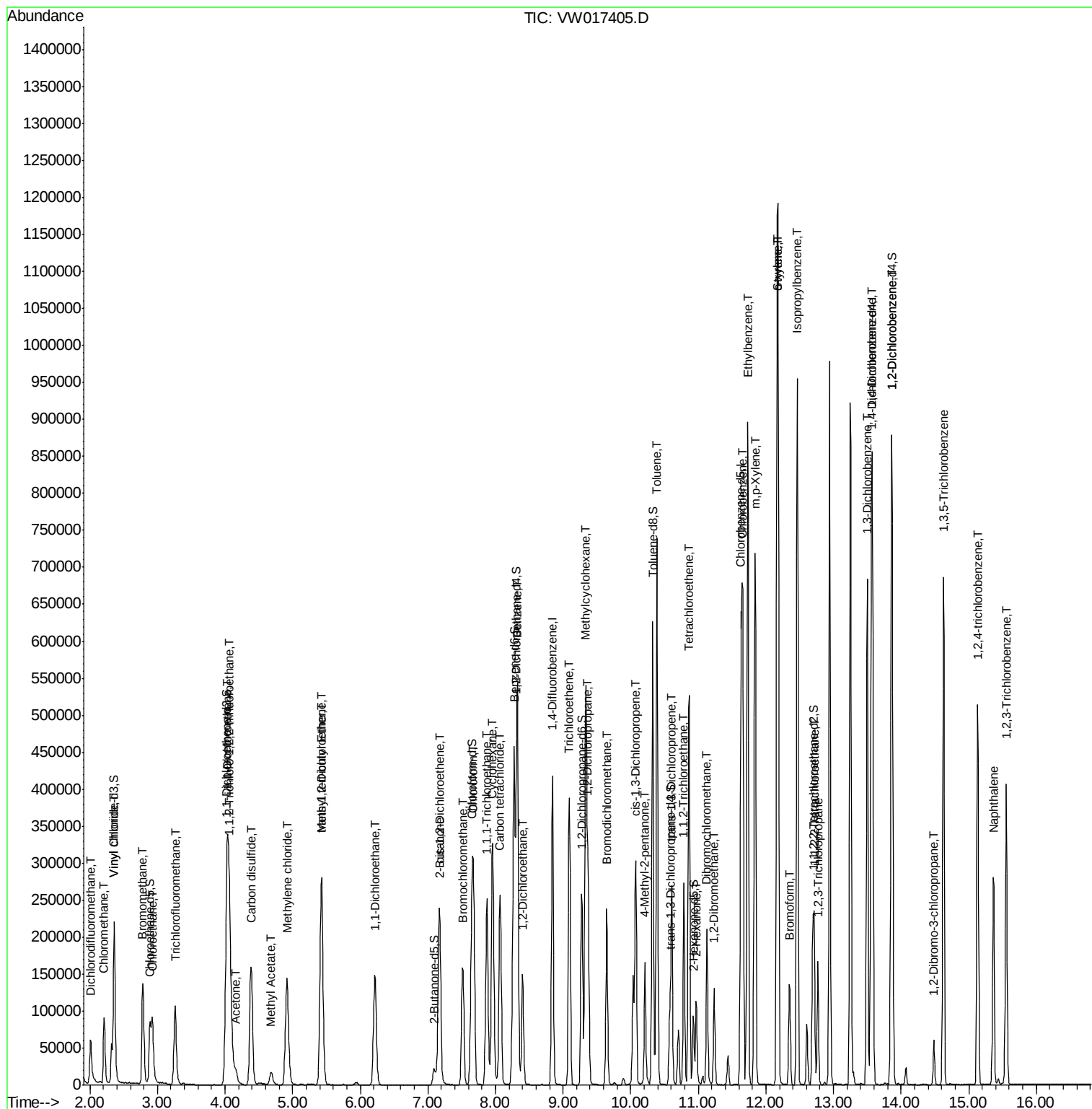
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.51	128	64493	25.882	ug/L	94
25) Chloroform	7.68	83	228269	25.517	ug/L	99
27) 1,2-Dichloroethane	8.40	62	133323	25.717	ug/L	98
30) Cyclohexane	7.96	56	175636	26.111	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	201862	25.697	ug/L	99
32) Carbon tetrachloride	8.07	117	195687	26.100	ug/L	99
34) Benzene	8.32	78	490452	25.865	ug/L	100
35) Trichloroethene	9.09	95	135507	25.263	ug/L	99
36) Methylcyclohexane	9.34	83	229801	26.814	ug/L	99
40) 1,2-Dichloropropane	9.37	63	110939	25.865	ug/L	99
41) Bromodichloromethane	9.65	83	156119	25.917	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	177444	26.656	ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	98975	46.492	ug/L	100
44) Toluene	10.39	91	551068	26.199	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	149071	26.431	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	87284	25.832	ug/L	98
47) Tetrachloroethene	10.87	164	125091	25.722	ug/L	99
49) 2-Hexanone	10.97	43	65177	50.868	ug/L	98
50) Dibromochloromethane	11.13	129	112948	26.143	ug/L	95
51) 1,2-Dibromoethane	11.24	107	84227	25.412	ug/L	97
52) Chlorobenzene	11.66	112	356918	25.483	ug/L	98
53) Ethylbenzene	11.73	91	617548	26.182	ug/L	96
54) m,p-Xylene	11.84	106	240922	26.507	ug/L	88
55) o-xylene	12.16	106	226000	26.203	ug/L	91
56) Styrene	12.18	104	389344	27.230	ug/L	99
57) Isopropylbenzene	12.46	105	623286	26.388	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.71	83	94501	25.820	ug/L	96
59) 1,2,3-Trichloropropane	12.77	75	66369	25.111	ug/L	99
62) Bromoform	12.35	173	62407	24.790	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	281347	24.130	ug/L	87
64) 1,4-Dichlorobenzene	13.58	146	293847	25.543	ug/L	97
65) 1,2-Dichlorobenzene	13.87	146	261197	25.774	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	13723	24.296	ug/L	86
67) 1,3,5-Trichlorobenzene	14.63	180	218425	25.749	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	174338	26.780	ug/L	99
69) Naphthalene	15.36	128	249481	26.692	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	147771	25.801	ug/L	97

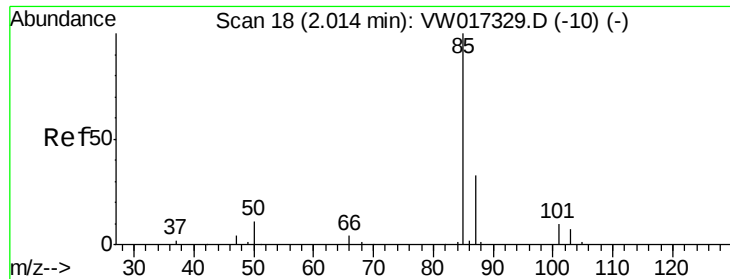
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 21.617 ug/L

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

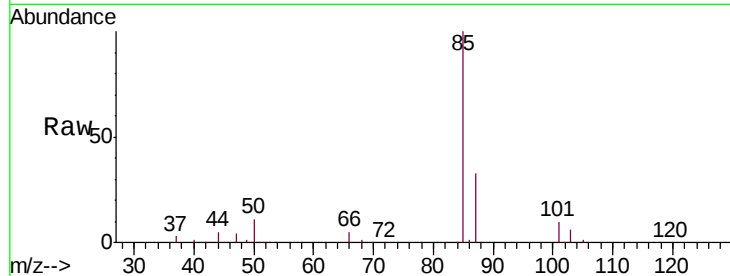
BFB11

Tgt Ion: 85 Resp: 74562

Ion Ratio Lower Upper

85 100

87 34.0 21.8 40.4



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW

2.01

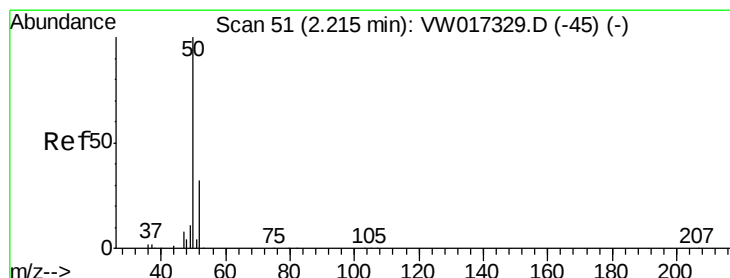
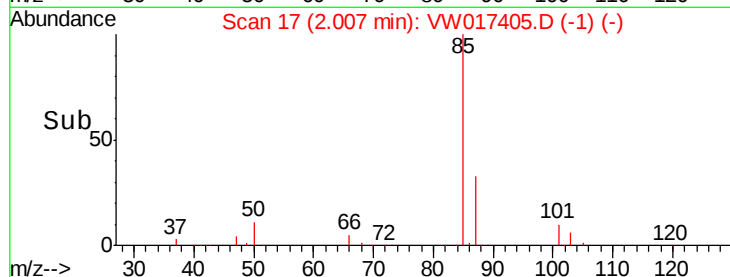
30000

20000

10000

0

Time-->



#3

Chloromethane

Concen: 24.886 ug/L

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW017405.D

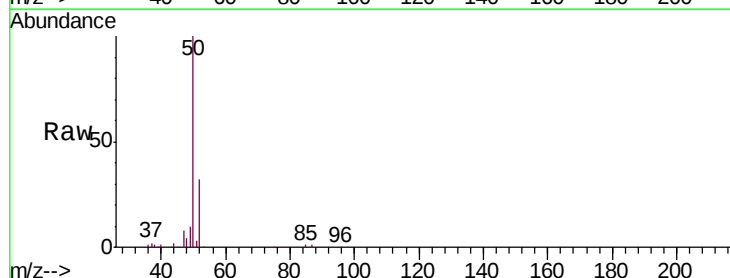
Acq: 20 Nov 2020 09:56

Tgt Ion: 50 Resp: 93342

Ion Ratio Lower Upper

50 100

52 31.9 23.2 43.0



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW

2.21

60000

50000

40000

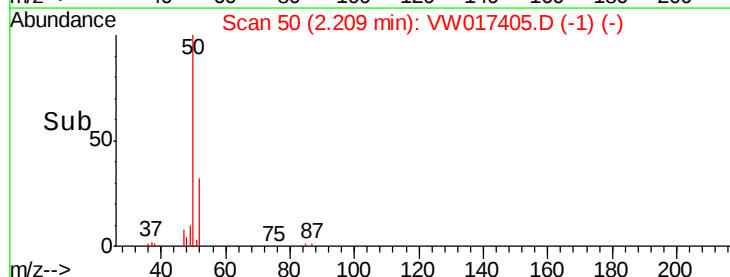
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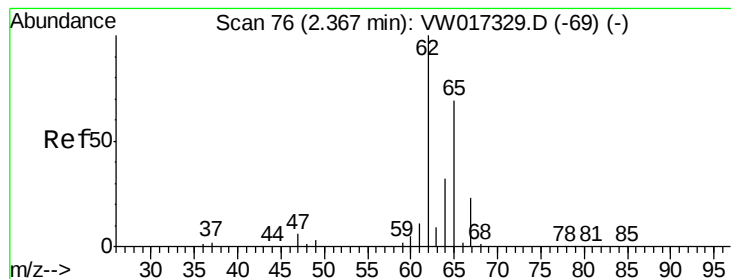
20000

10000

0

Time-->





#5

Vinyl chloride

Concen: 26.294 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

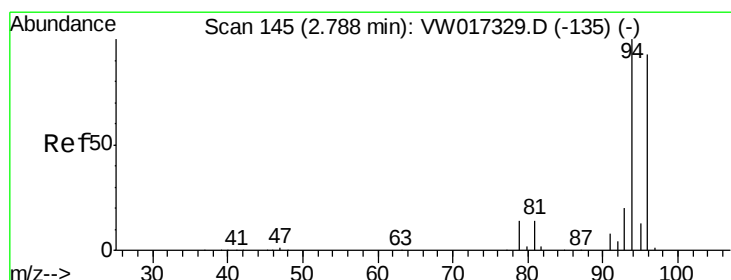
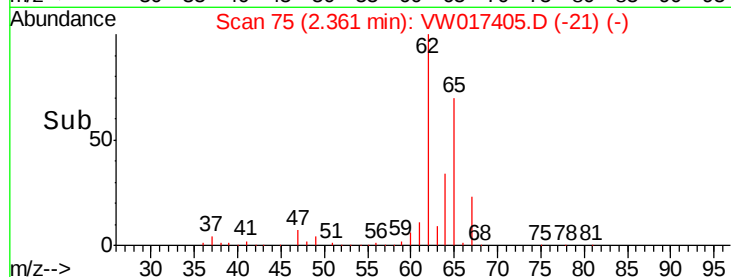
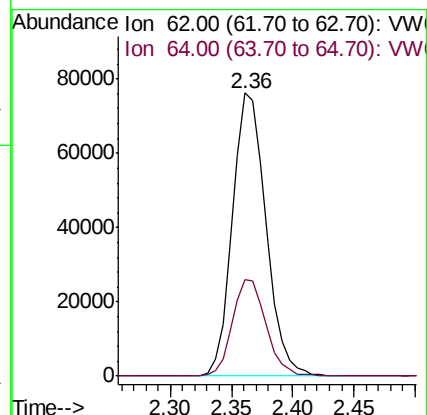
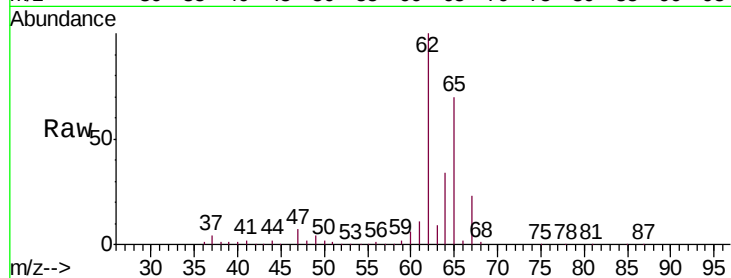
BFB11

Tgt Ion: 62 Resp: 144845

Ion Ratio Lower Upper

62 100

64 34.0 23.4 43.4



#6

Bromomethane

Concen: 24.929 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW017405.D

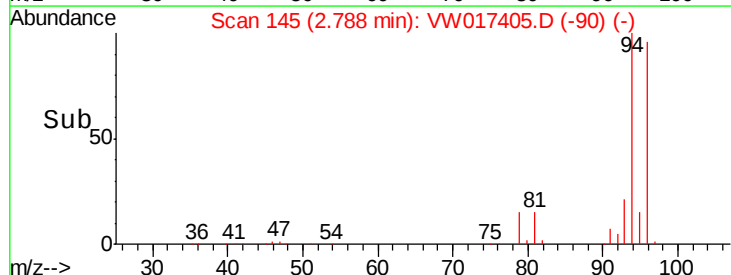
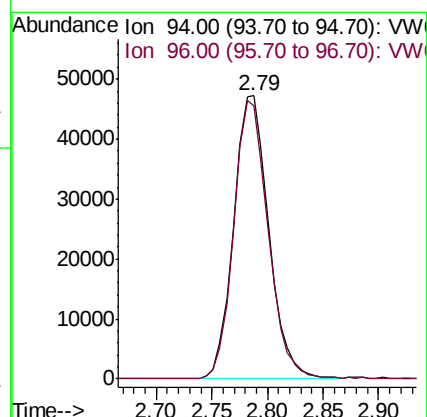
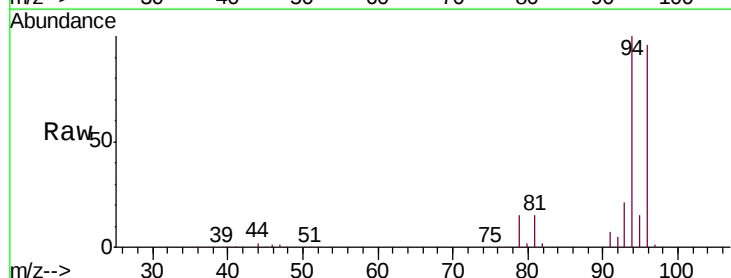
Acq: 20 Nov 2020 09:56

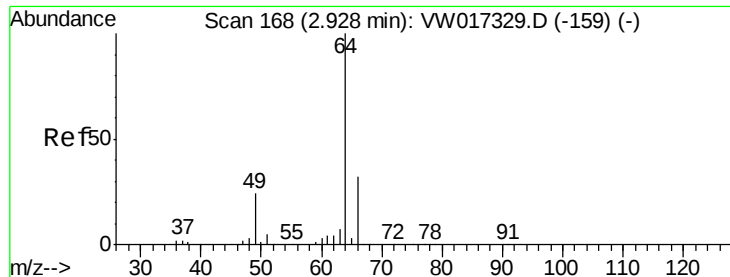
Tgt Ion: 94 Resp: 103115

Ion Ratio Lower Upper

94 100

96 96.4 9.4 178.6





#8

Chloroethane

Concen: 27.061 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

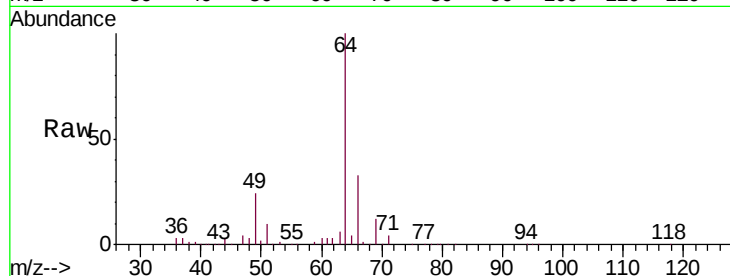
BFB11

Tgt Ion: 64 Resp: 93301

Ion Ratio Lower Upper

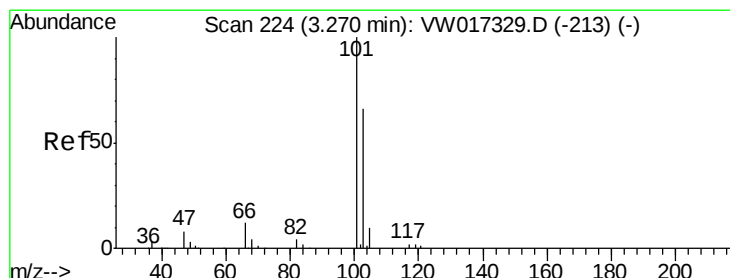
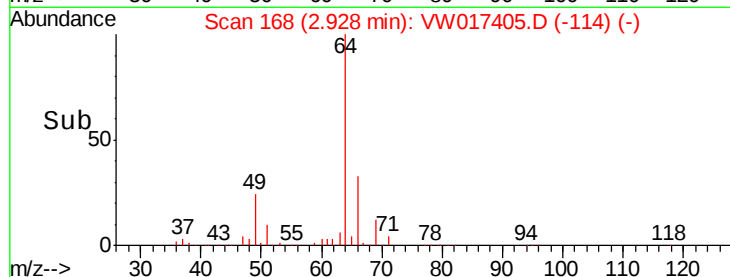
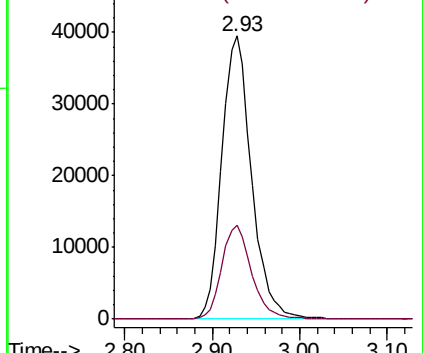
64 100

66 33.1 23.2 43.0



Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



#9

Trichlorofluoromethane

Concen: 25.403 ug/L

RT: 3.26 min Scan# 222

Delta R.T. -0.01 min

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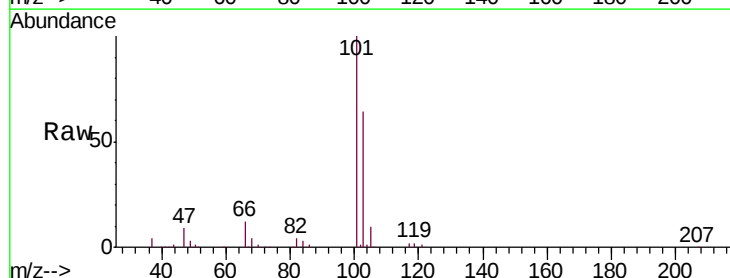
Acq: 20 Nov 2020 09:56

Tgt Ion: 101 Resp: 124512

Ion Ratio Lower Upper

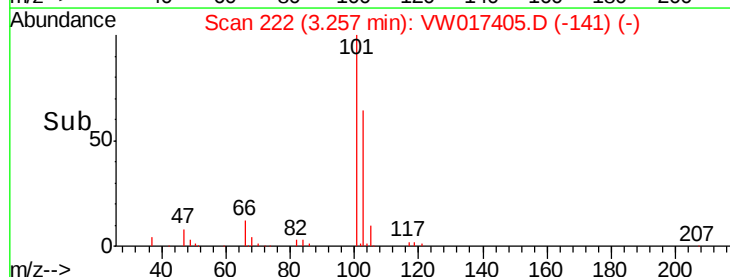
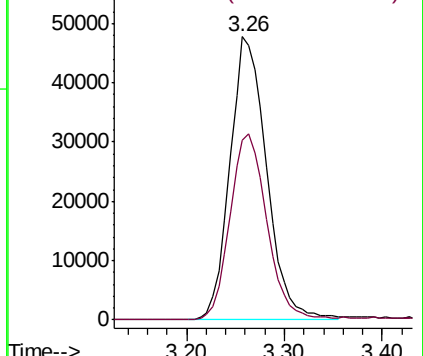
101 100

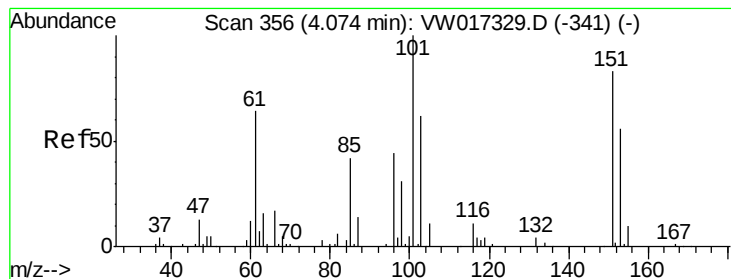
103 66.0 45.8 85.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#11

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

Concen: 25.747 ug/L

RT: 4.07 min Scan# 355

Delta R.T. -0.01 min

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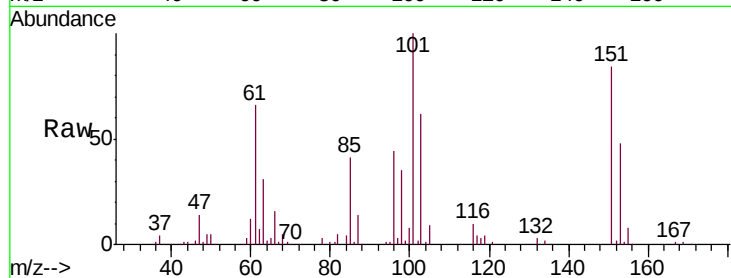
Tgt Ion: 101 Resp: 130971

Ion Ratio Lower Upper

101 100

85 42.7 34.6 51.8

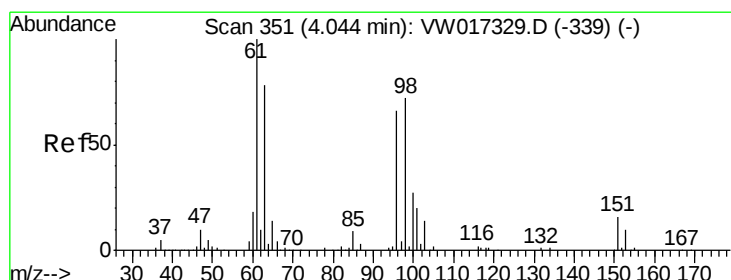
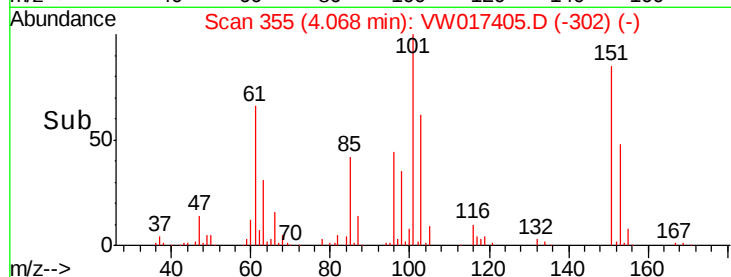
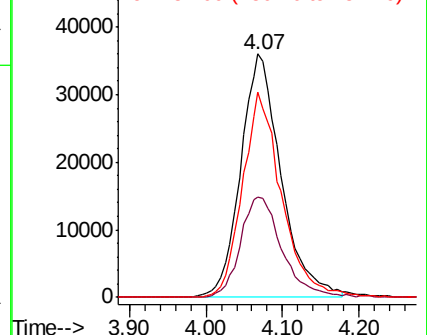
151 81.1 66.3 99.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 25.530 ug/L

RT: 4.04 min Scan# 350

Delta R.T. -0.01 min

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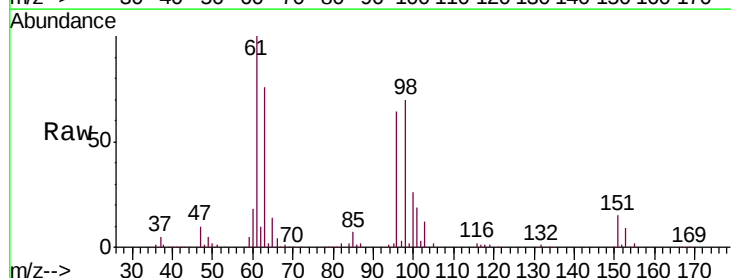
Tgt Ion: 96 Resp: 124731

Ion Ratio Lower Upper

96 100

61 155.1 104.7 194.4

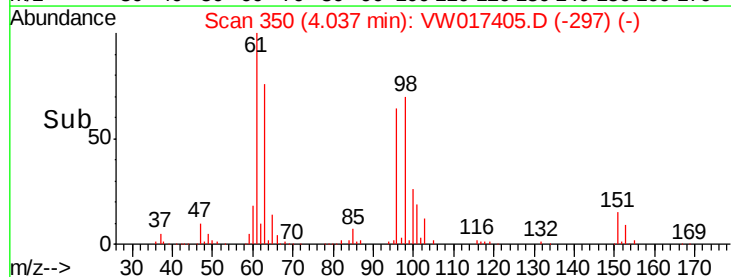
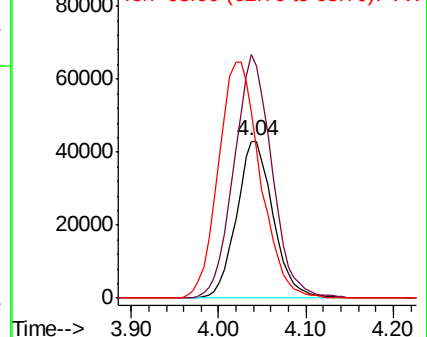
63 118.5 69.6 129.2

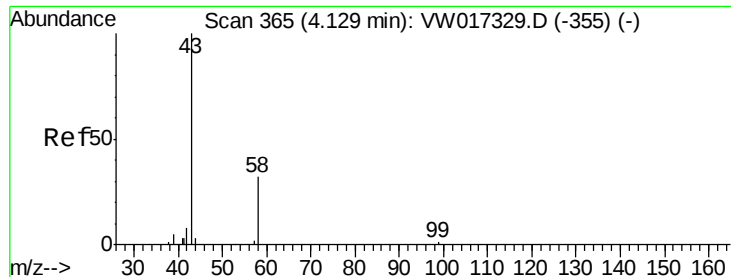


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 42.919 ug/L

RT: 4.16 min Scan# 370

Delta R.T. -0.01 min

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ClientSampled :

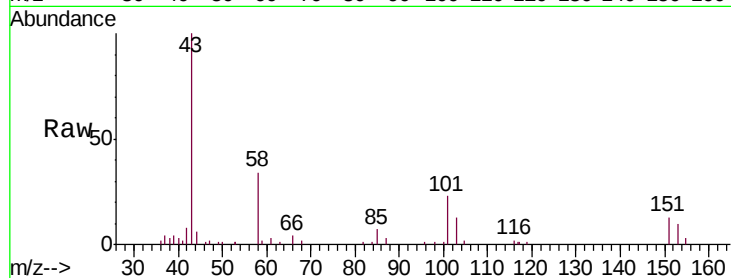
BFB11

Tgt Ion: 43 Resp: 28263

Ion Ratio Lower Upper

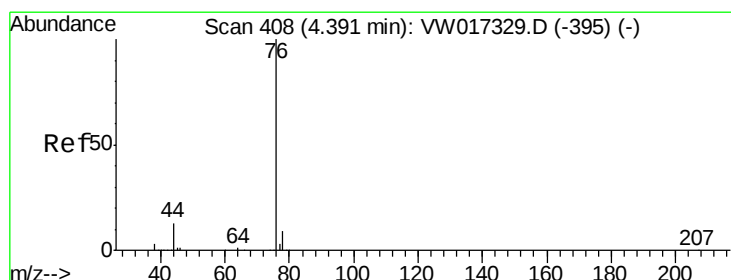
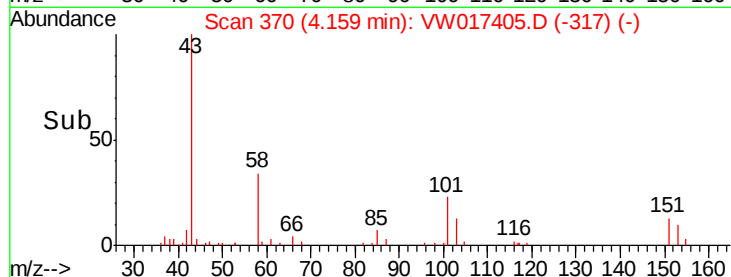
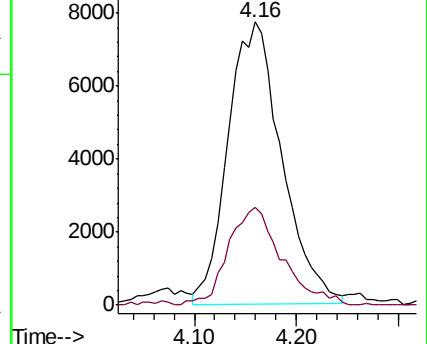
43 100

58 28.7 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 25.612 ug/L

RT: 4.38 min Scan# 407

Delta R.T. -0.00 min

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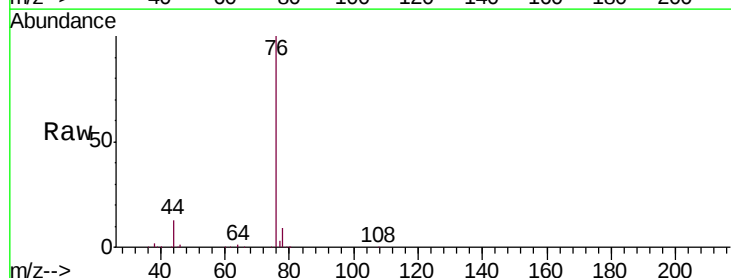
Acq: 20 Nov 2020 09:56

Tgt Ion: 76 Resp: 367550

Ion Ratio Lower Upper

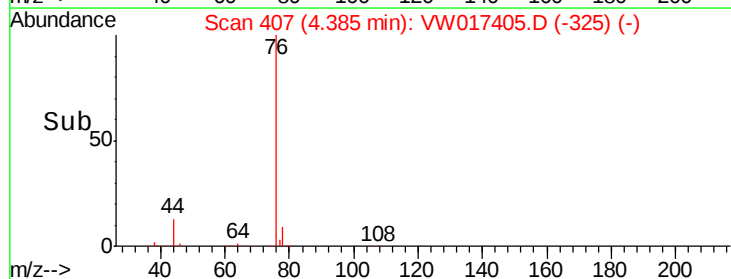
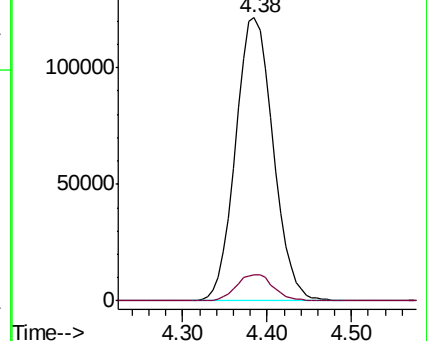
76 100

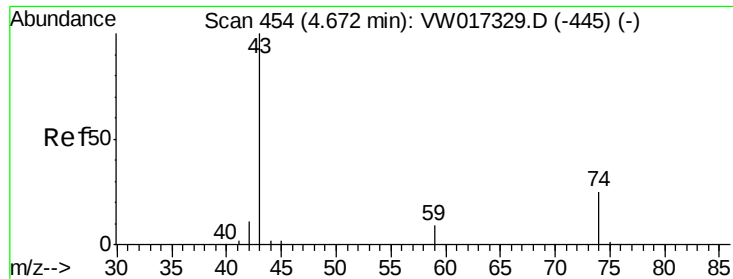
78 9.4 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VW

Ion 78.00 (77.70 to 78.70): VW

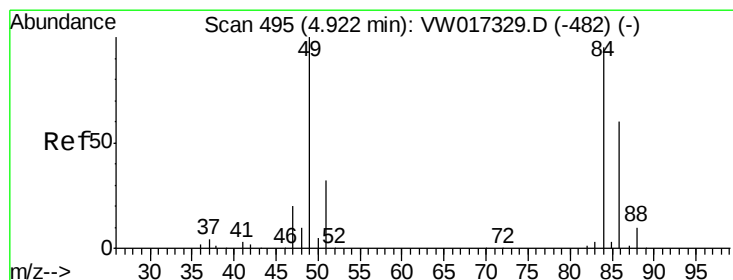
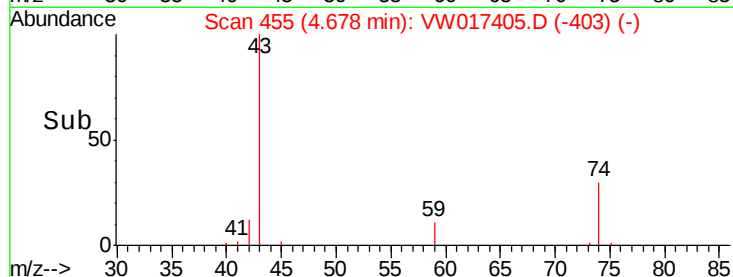
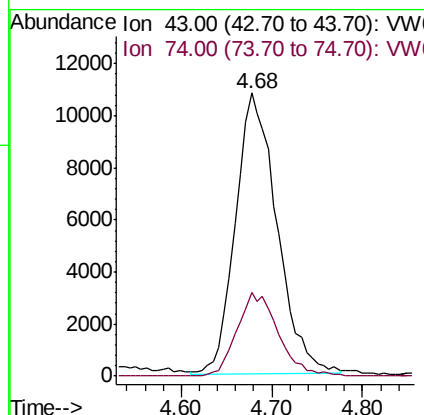
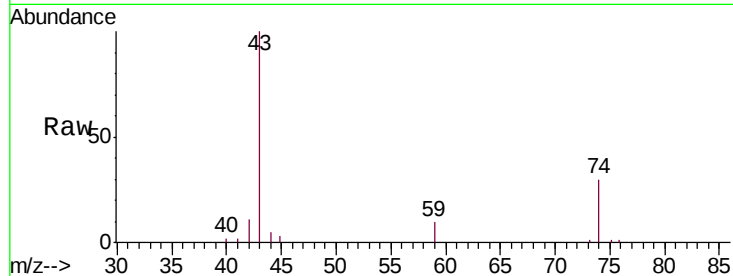




#15
Methyl Acetate
Concen: 23.726 ug/L
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

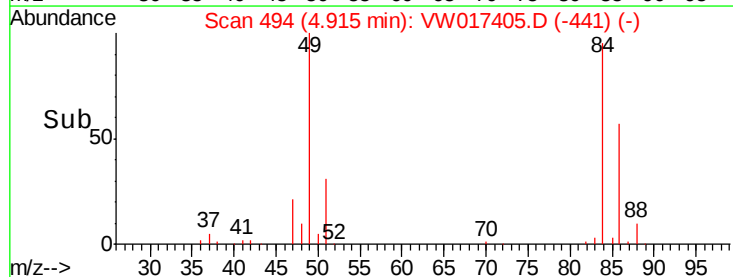
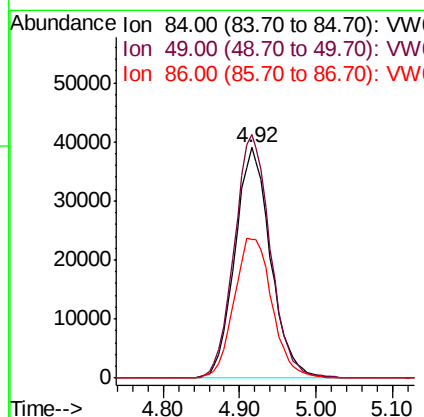
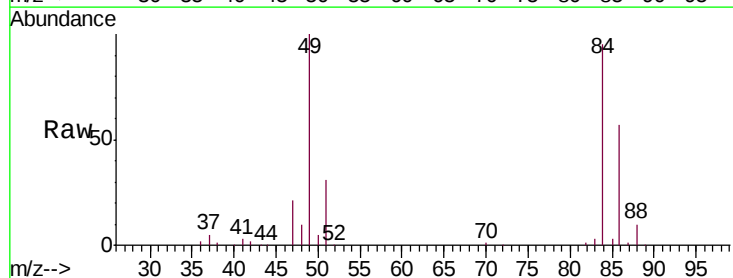
Instrument :
MSVOA_W
ClientSampleId :
BFB11

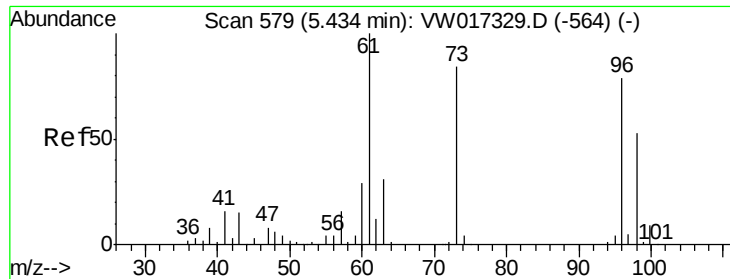
Tgt Ion: 43 Resp: 34218
Ion Ratio Lower Upper
43 100
74 29.6 23.7 35.5



#16
Methylene chloride
Concen: 19.914 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Tgt Ion: 84 Resp: 126451
Ion Ratio Lower Upper
84 100
49 105.6 71.5 132.9
86 60.4 42.8 79.4

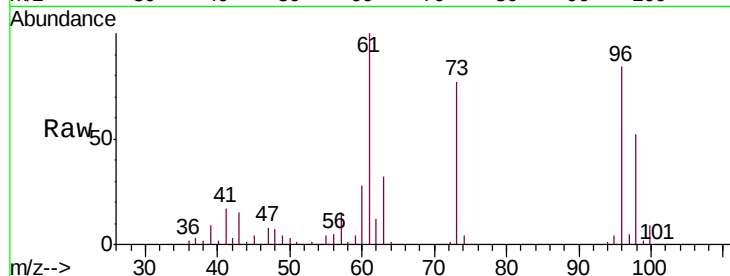




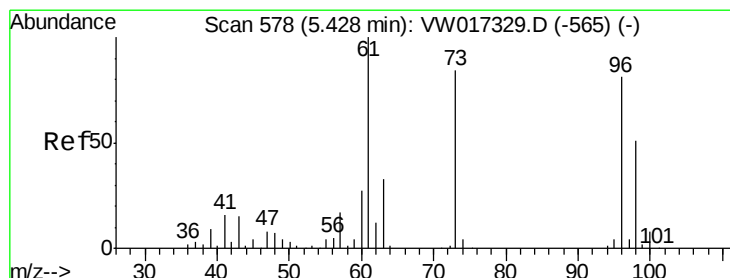
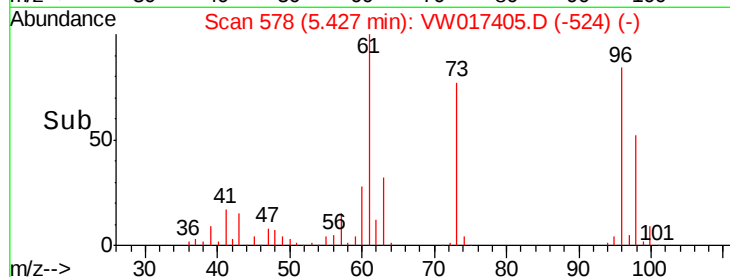
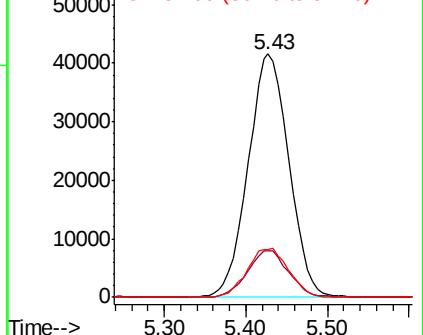
#17
Methyl tert-butyl Ether
Concen: 25.159 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Instrument :
MSVOA_W
ClientSampled :
BFB11

Tgt Ion: 73 Resp: 144836
Ion Ratio Lower Upper
73 100
43 19.5 15.7 23.5
57 11.4 16.3 24.5#

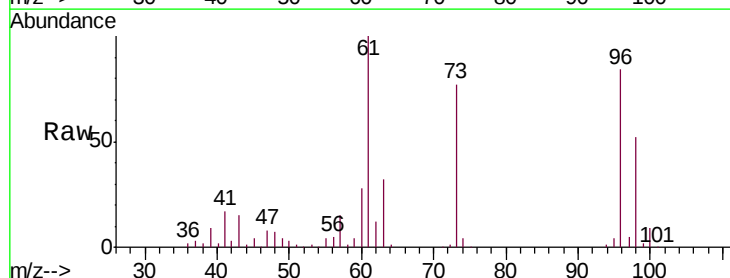


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

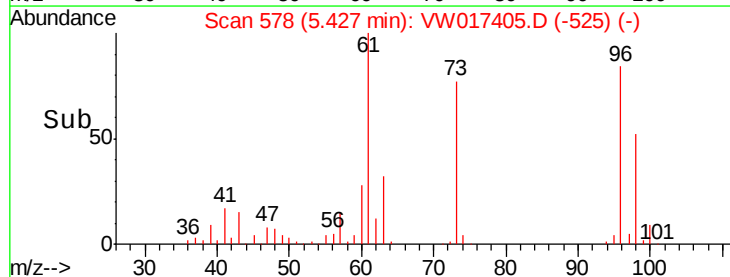
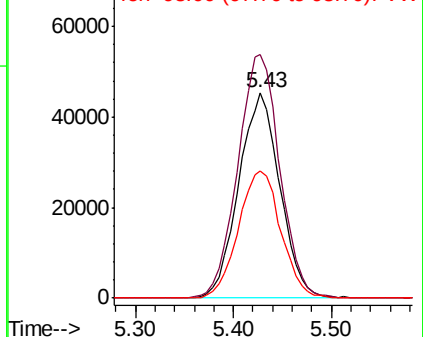


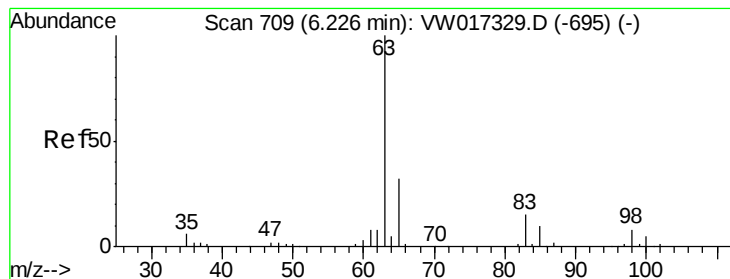
#18
trans-1,2-Dichloroethene
Concen: 25.292 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Tgt Ion: 96 Resp: 132254
Ion Ratio Lower Upper
96 100
61 118.4 84.3 156.5
98 62.1 41.5 77.1



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 98.00 (97.70 to 98.70): VW





#19

1,1-Dichloroethane

Concen: 25.996 ug/L

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampled :

BFB11

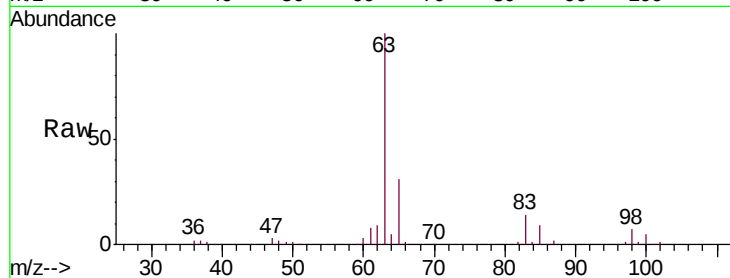
Tgt Ion: 63 Resp: 207937

Ion Ratio Lower Upper

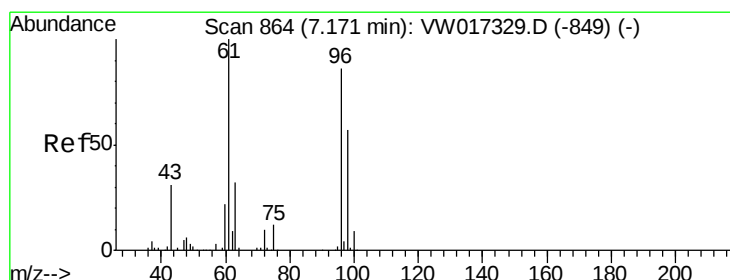
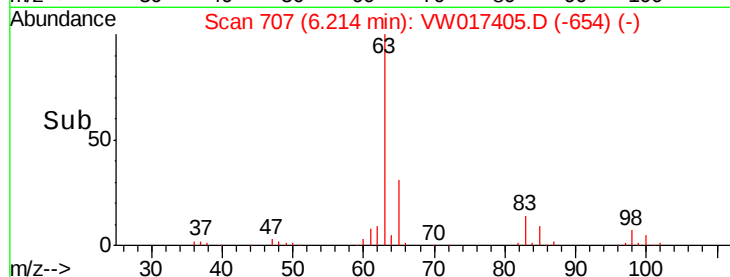
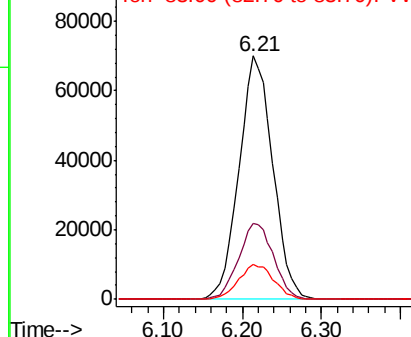
63 100

65 31.0 22.3 41.5

83 14.3 10.1 18.7



Abundance Ion 63.00 (62.70 to 63.70): VW
Ion 65.00 (64.70 to 65.70): VW
Ion 83.00 (82.70 to 83.70): VW



#21

2-Butanone

Concen: 43.421 ug/L

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: VW017405.D

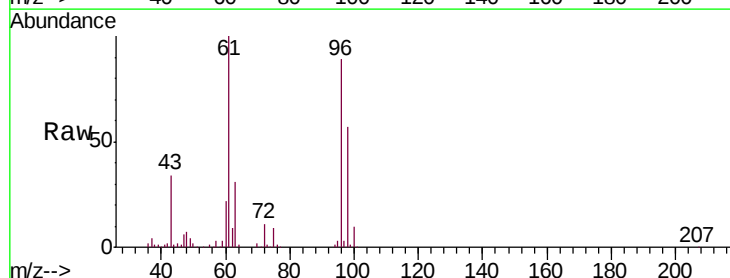
Acq: 20 Nov 2020 09:56

Tgt Ion: 43 Resp: 43833

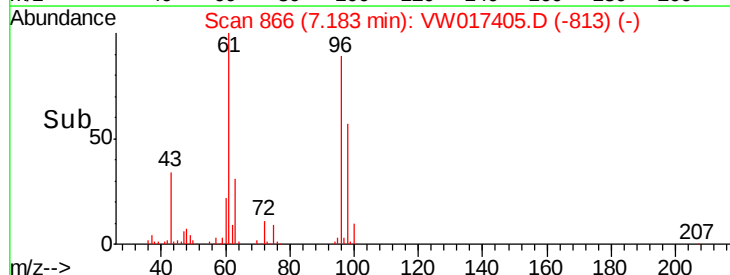
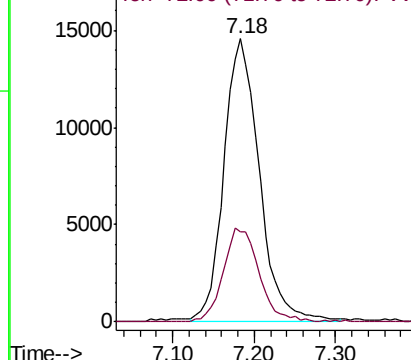
Ion Ratio Lower Upper

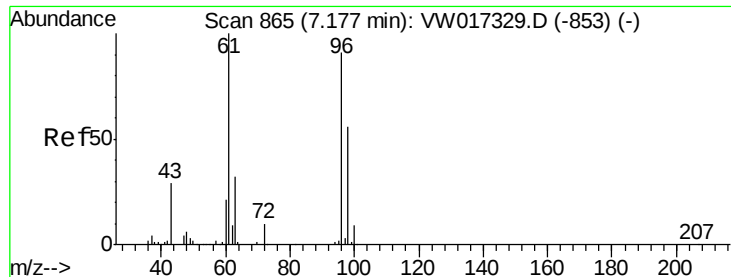
43 100

72 33.3 16.4 49.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



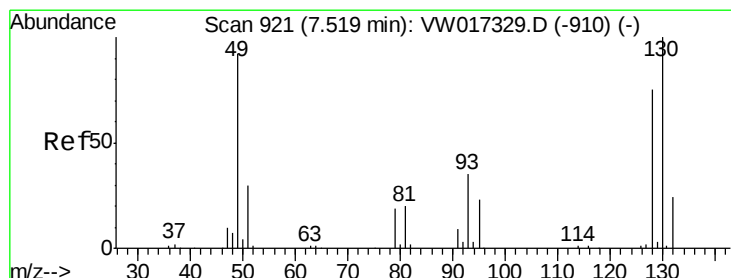
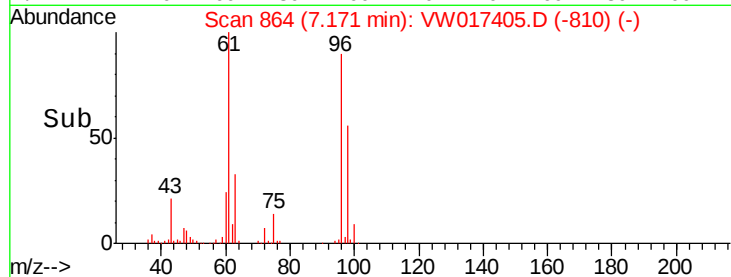
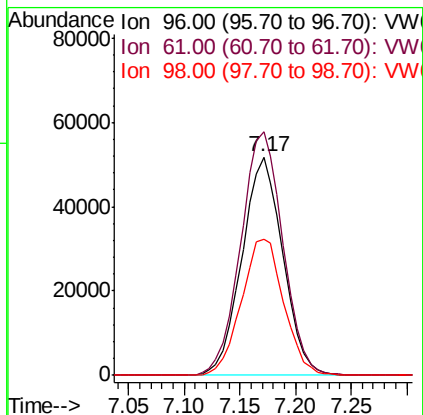
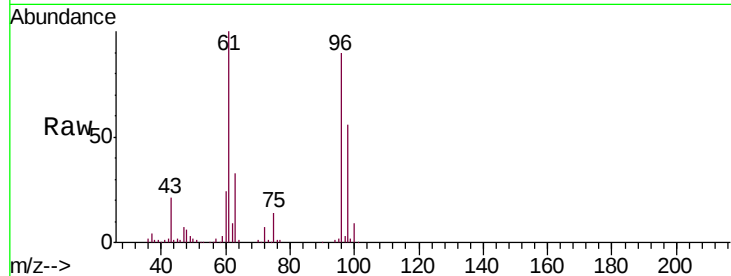


#22

cis-1,2-Dichloroethene
Concen: 24.991 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Instrument :
MSVOA_W
ClientSampleId :
BFB11

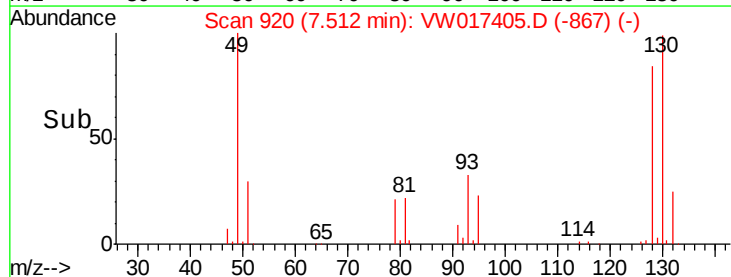
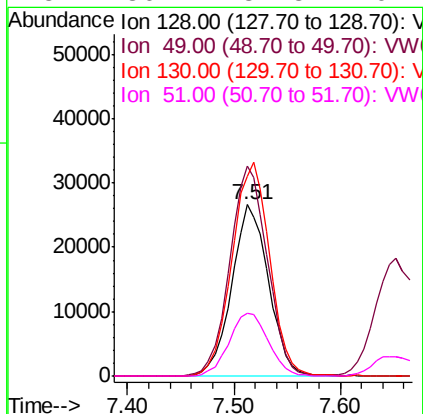
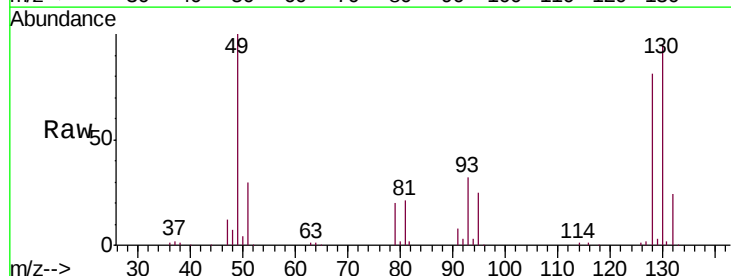
Tgt Ion: 96 Resp: 132722
Ion Ratio Lower Upper
96 100
61 111.5 76.1 141.3
98 62.4 44.7 82.9

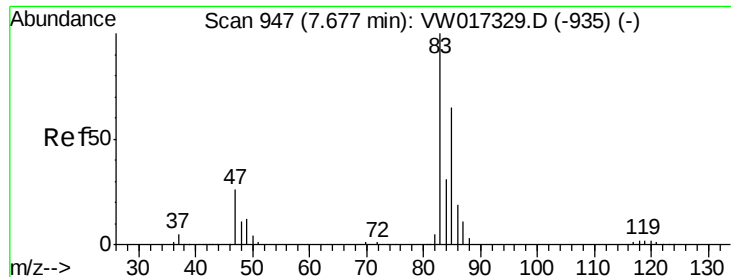


#23

Bromochloromethane
Concen: 25.882 ug/L
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Tgt Ion: 128 Resp: 64493
Ion Ratio Lower Upper
128 100
49 122.7 85.5 158.7
130 117.2 91.5 169.9
51 36.7 32.8 49.2

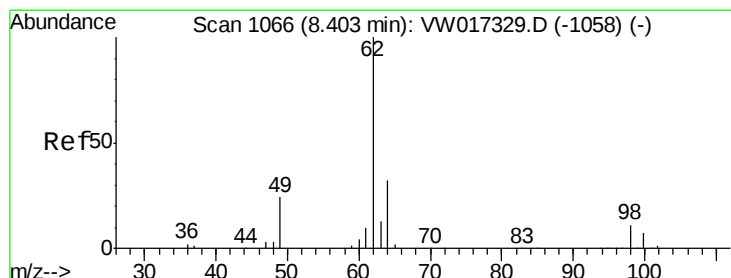
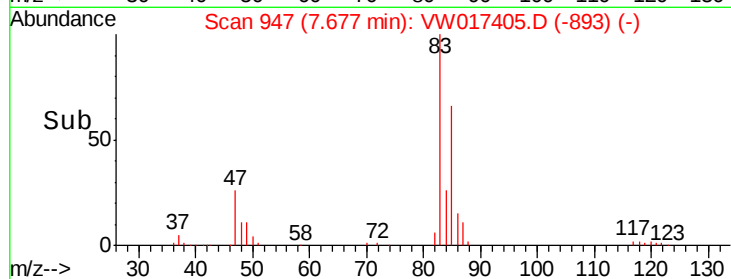
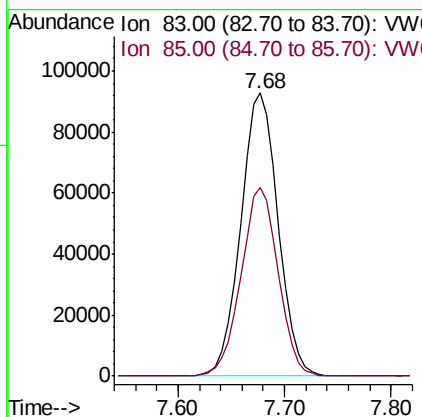
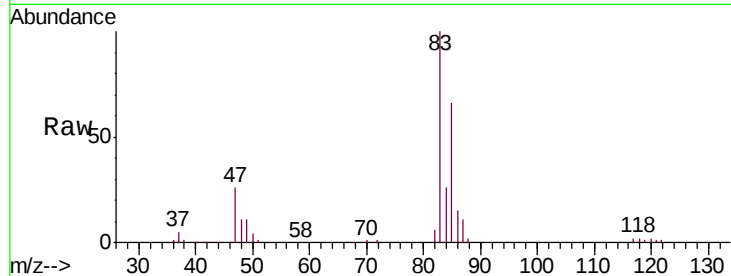




#25
Chloroform
Concen: 25.517 ug/L
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

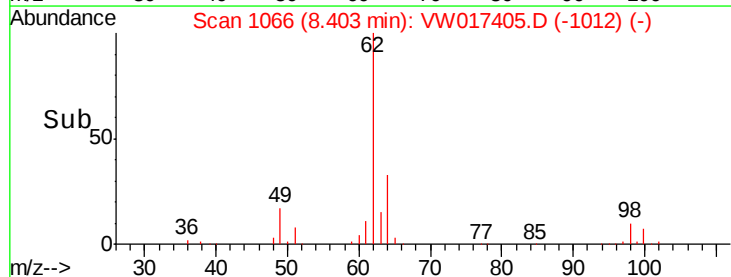
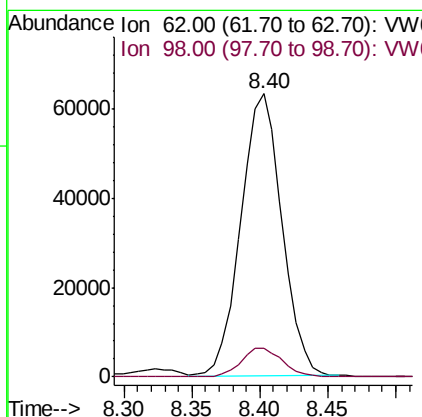
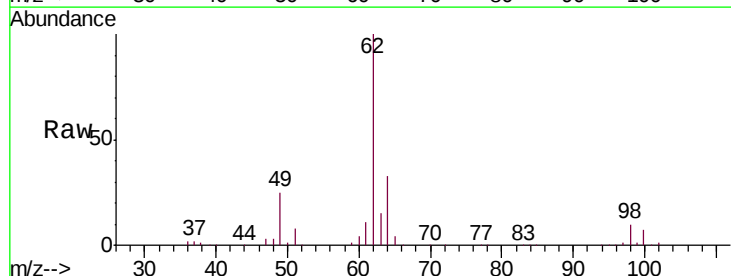
Instrument :
MSVOA_W
ClientSampled :
BFB11

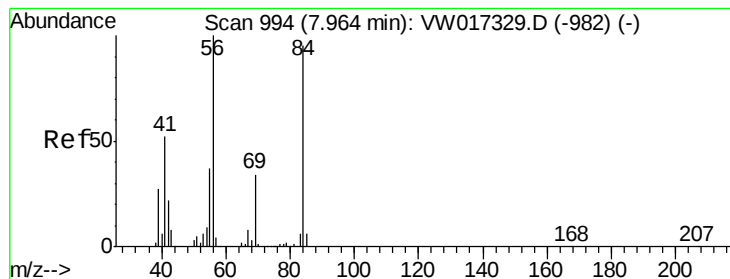
Tgt Ion: 83 Resp: 228269
Ion Ratio Lower Upper
83 100
85 66.5 46.1 85.5



#27
1,2-Dichloroethane
Concen: 25.717 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Tgt Ion: 62 Resp: 133323
Ion Ratio Lower Upper
62 100
98 10.2 7.7 11.5





#30

Cyclohexane

Concen: 26.111 ug/L

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

BFB11

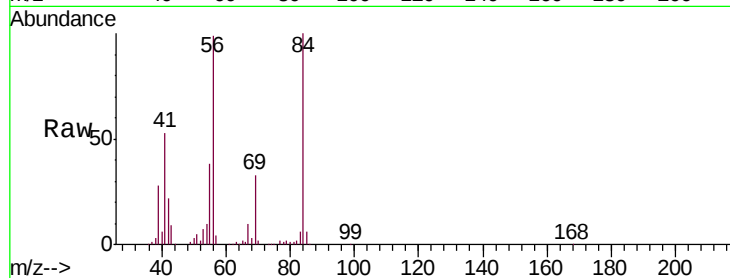
Tgt Ion: 56 Resp: 175636

Ion Ratio Lower Upper

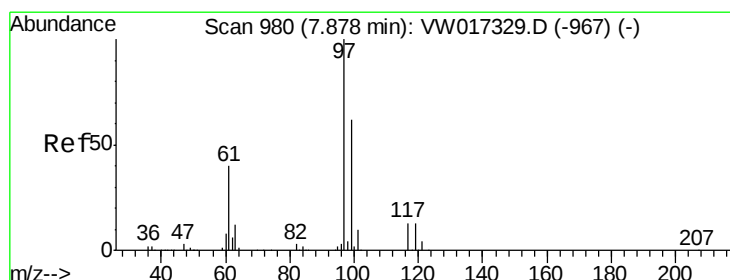
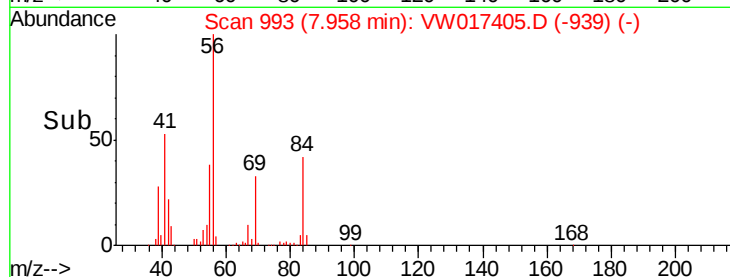
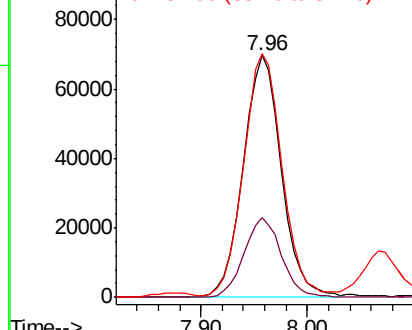
56 100

69 32.3 27.0 40.6

84 101.5 82.2 123.4



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



#31

1,1,1-Trichloroethane

Concen: 25.697 ug/L

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

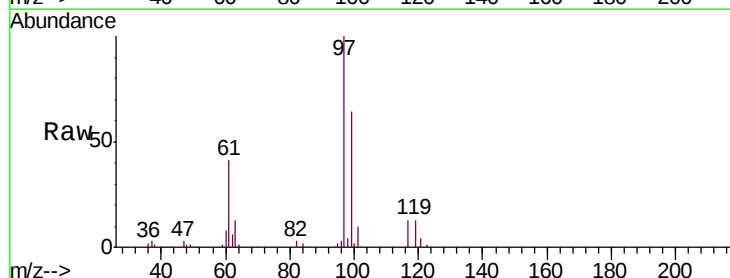
Tgt Ion: 97 Resp: 201862

Ion Ratio Lower Upper

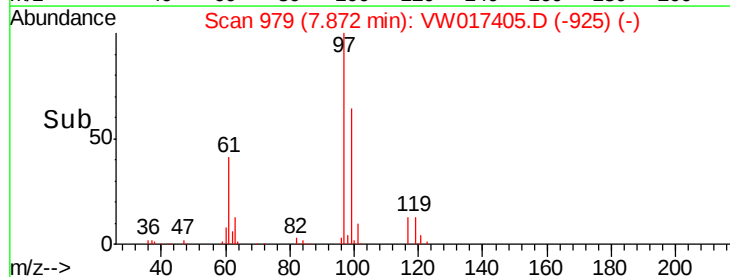
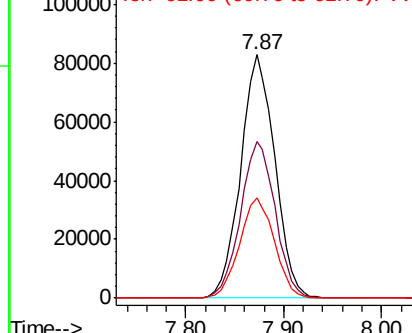
97 100

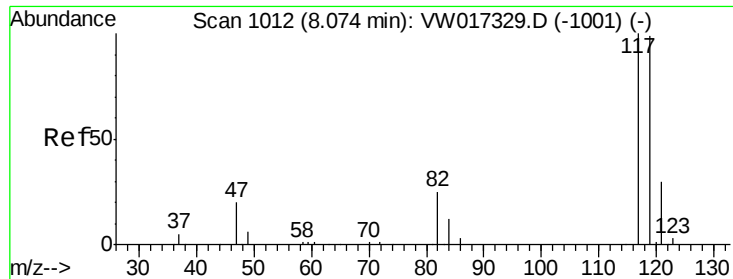
99 64.9 51.4 77.2

61 41.9 32.7 49.1



Abundance Ion 97.00 (96.70 to 97.70): VW
Ion 99.00 (98.70 to 99.70): VW
Ion 61.00 (60.70 to 61.70): VW





#32

Carbon tetrachloride

Concen: 26.100 ug/L

RT: 8.07 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

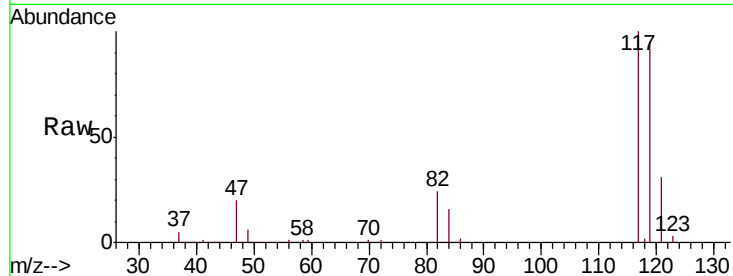
BFB11

Tgt Ion:117 Resp: 195687

Ion Ratio Lower Upper

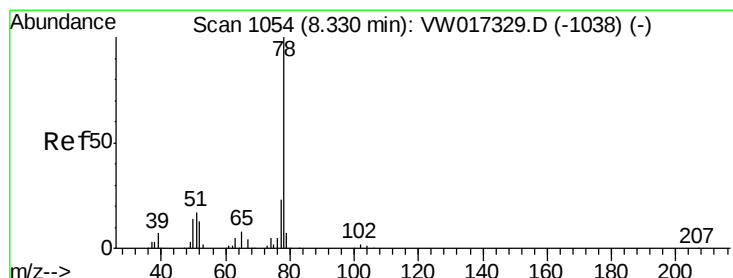
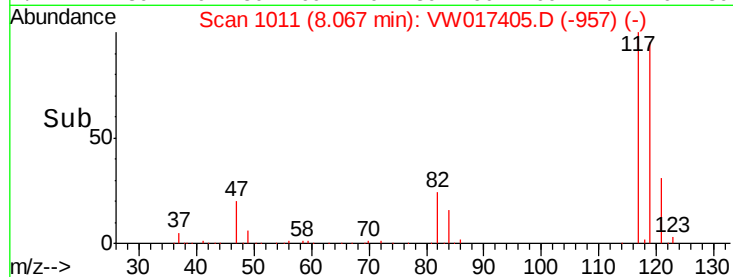
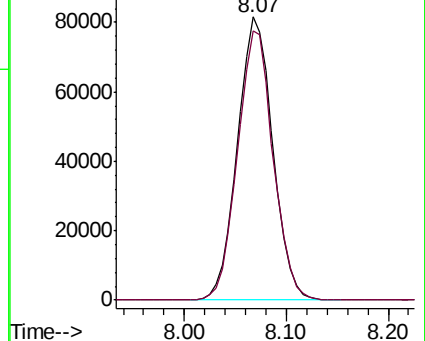
117 100

119 95.7 77.8 116.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 25.865 ug/L

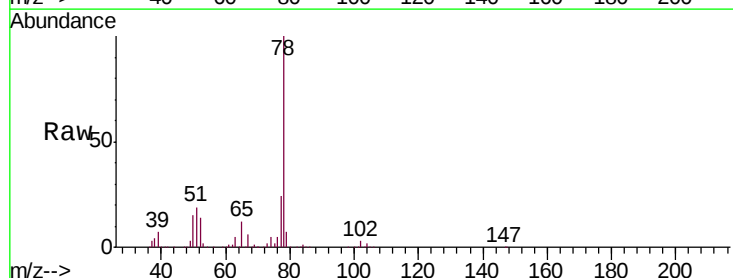
RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

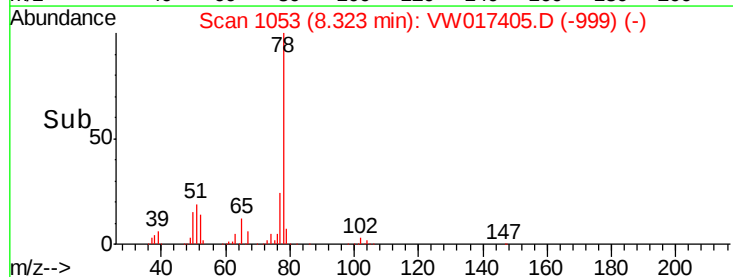
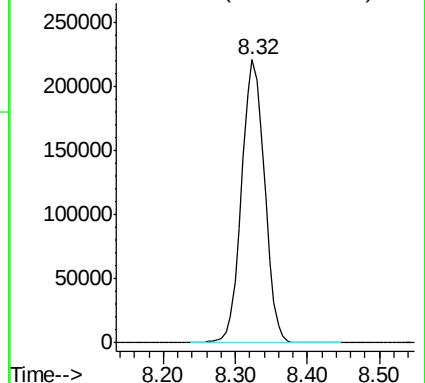
Lab File: VW017405.D

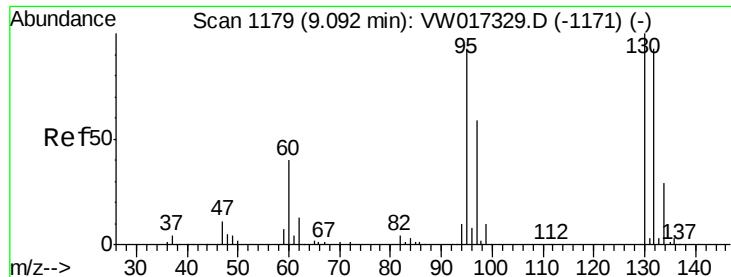
Acq: 20 Nov 2020 09:56

Tgt Ion: 78 Resp: 490452



Abundance Ion 78.00 (77.70 to 78.70): VW

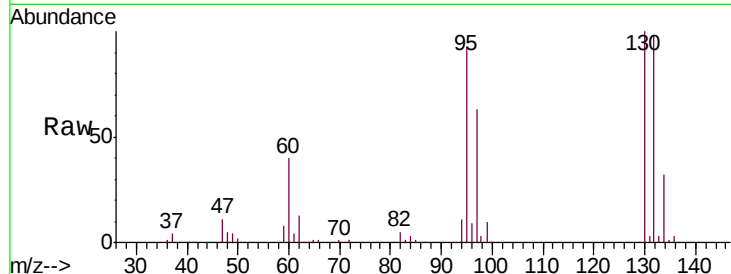




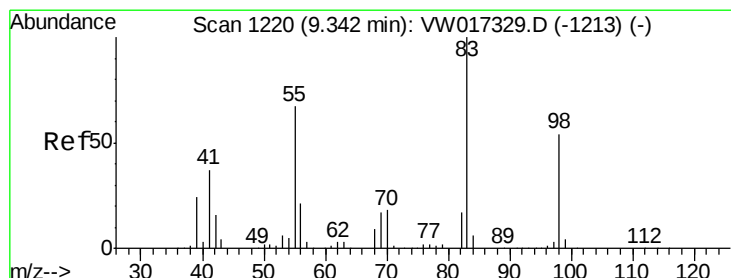
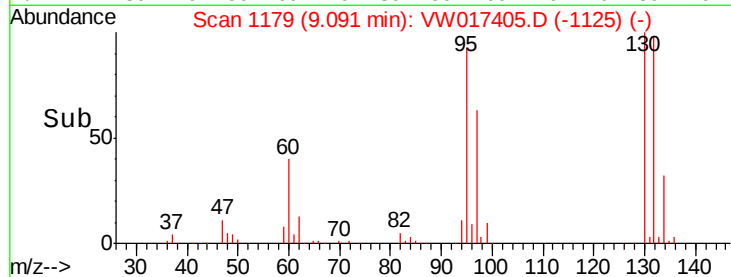
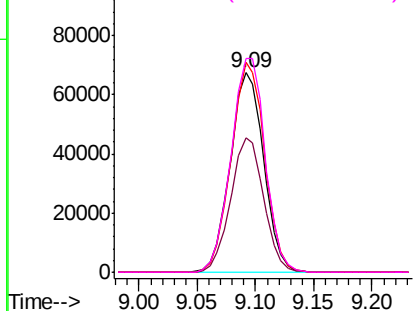
#35
 Trichloroethene
 Concen: 25.263 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Instrument :
 MSVOA_W
 ClientSampled :
 BFB11

Tgt Ion: 95 Resp: 135507
 Ion Ratio Lower Upper
 95 100
 97 66.3 44.7 82.9
 132 104.7 72.7 134.9
 130 109.1 76.1 141.3

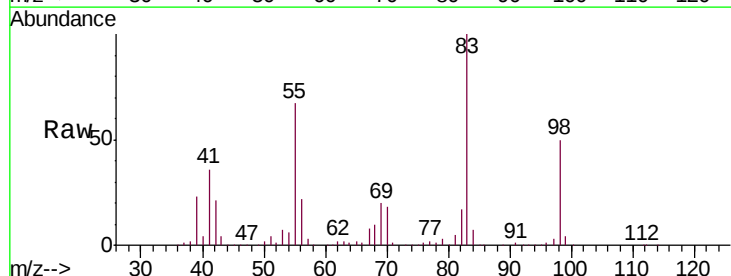


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

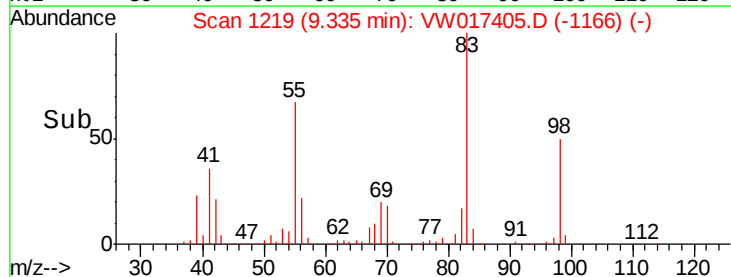
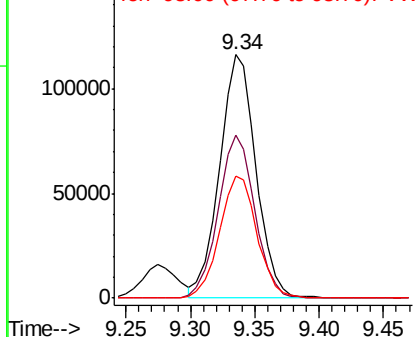


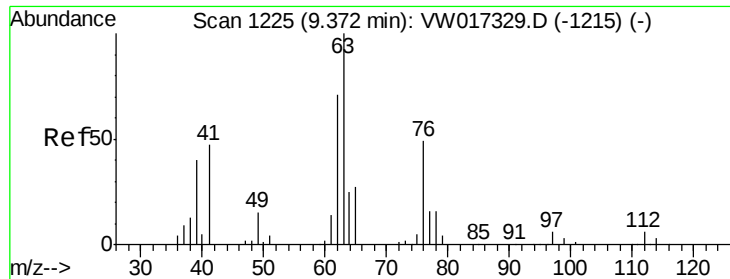
#36
 Methylcyclohexane
 Concen: 26.814 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.01 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Tgt Ion: 83 Resp: 229801
 Ion Ratio Lower Upper
 83 100
 55 67.3 54.6 81.8
 98 51.3 41.5 62.3



Abundance Ion 83.00 (82.70 to 83.70): VW
 Ion 55.00 (54.70 to 55.70): VW
 Ion 98.00 (97.70 to 98.70): VW

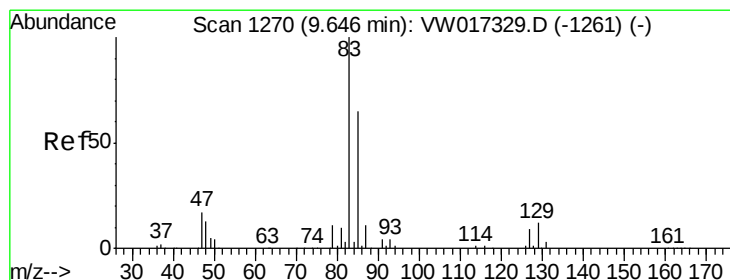
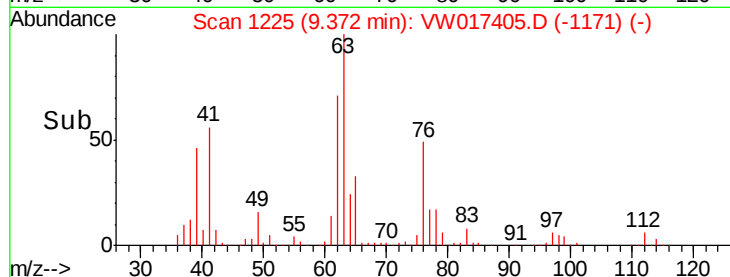
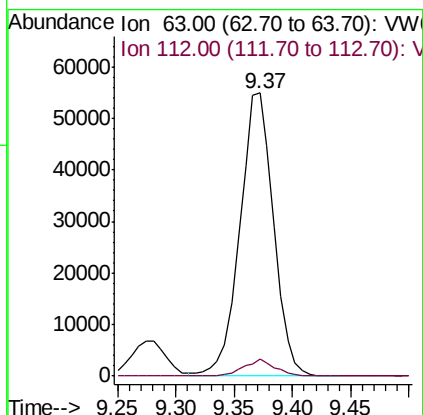
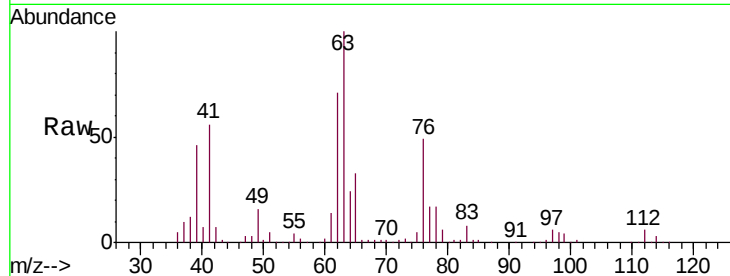




#40
1,2-Dichloropropane
Concen: 25.865 ug/L
RT: 9.37 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

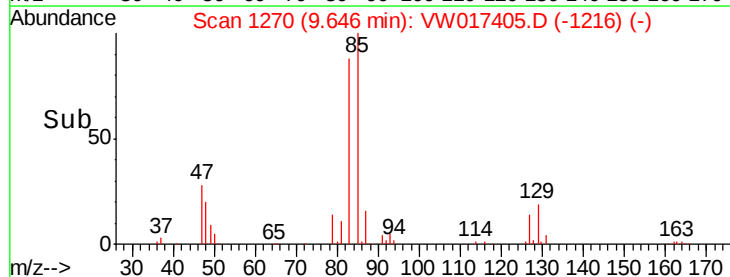
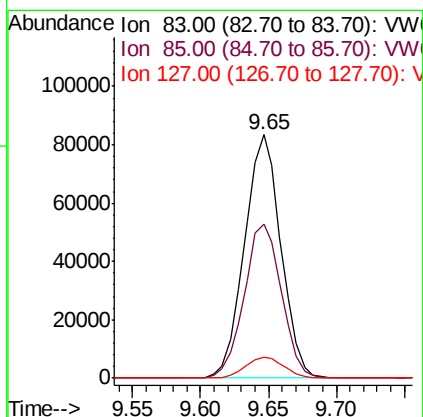
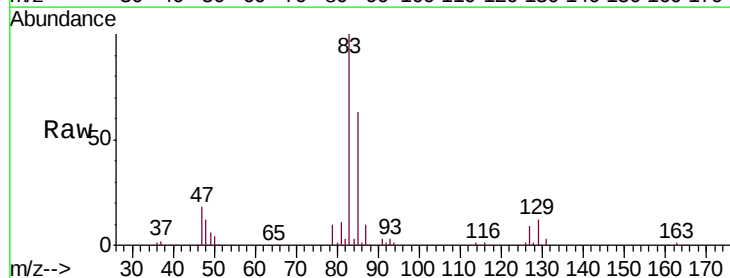
Instrument :
MSVOA_W
ClientSampleId :
BFB11

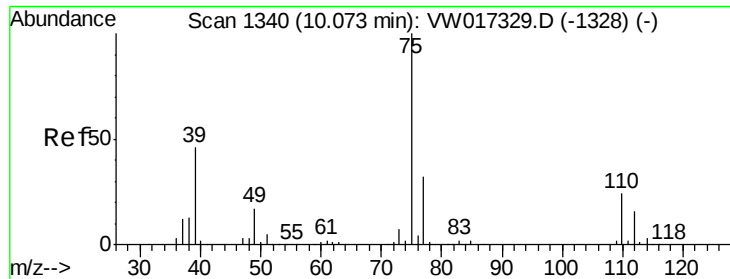
Tgt Ion: 63 Resp: 110939
Ion Ratio Lower Upper
63 100
112 5.5 4.2 6.4



#41
Bromodichloromethane
Concen: 25.917 ug/L
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Tgt Ion: 83 Resp: 156119
Ion Ratio Lower Upper
83 100
85 63.4 44.1 81.9
127 8.7 7.3 10.9

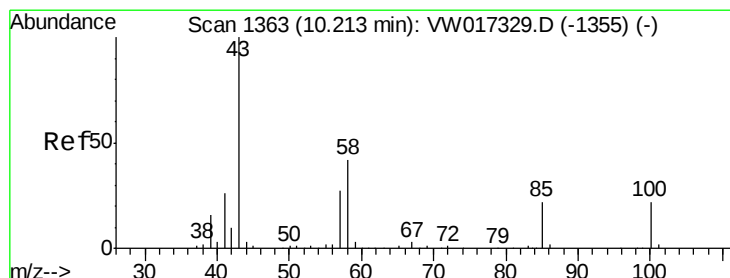
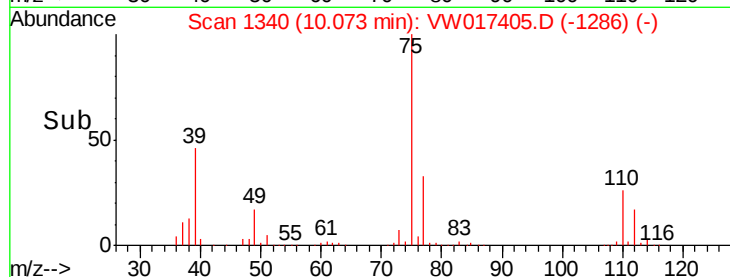
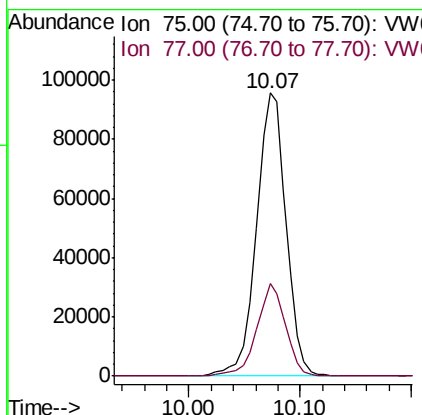
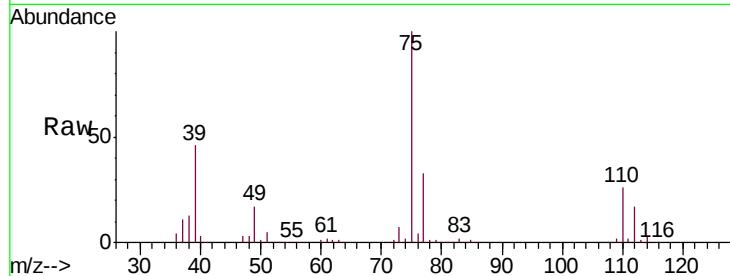




#42
 cis-1,3-Dichloropropene
 Concen: 26.656 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

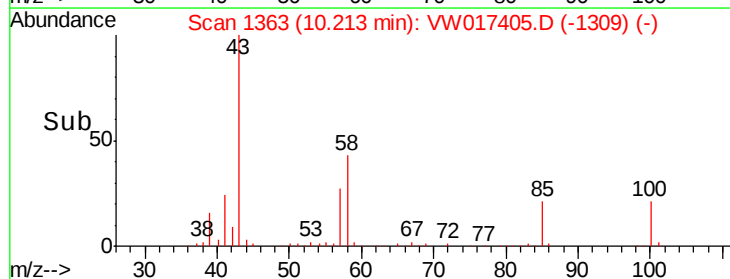
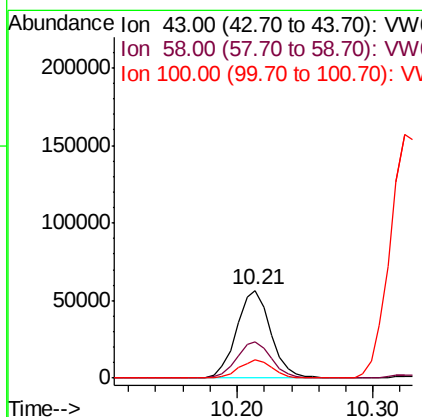
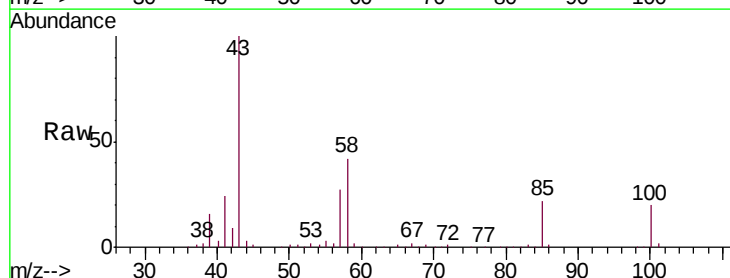
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB11

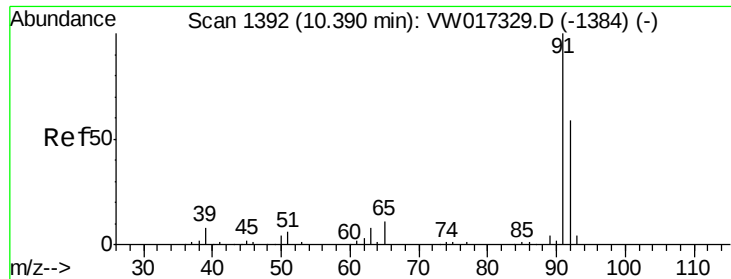
Tgt Ion: 75 Resp: 177444
 Ion Ratio Lower Upper
 75 100
 77 32.6 21.8 40.4



#43
 4-Methyl-2-pentanone
 Concen: 46.492 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Tgt Ion: 43 Resp: 98975
 Ion Ratio Lower Upper
 43 100
 58 42.1 33.4 50.2
 100 20.4 16.3 24.5





#44

Toluene

Concen: 26.199 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

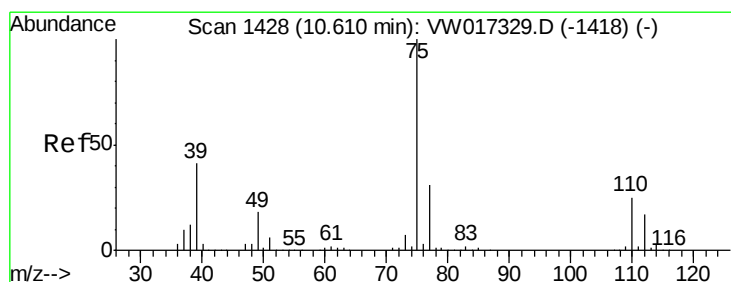
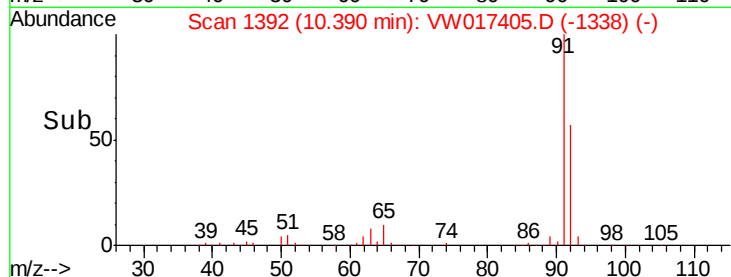
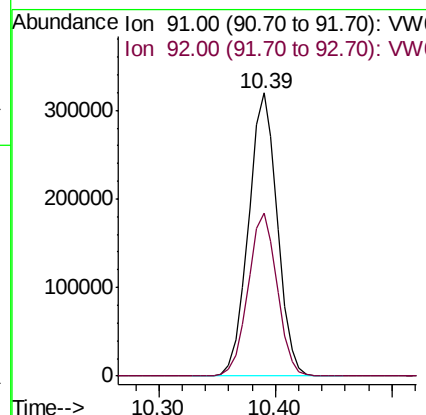
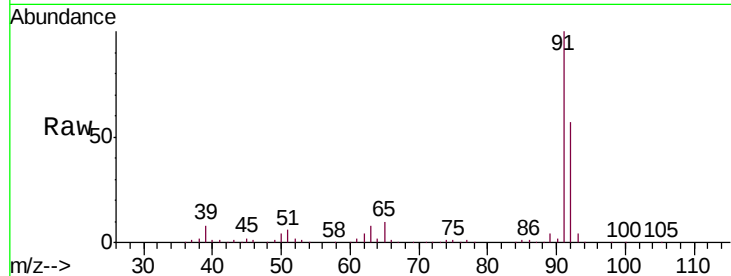
BFB11

Tgt Ion: 91 Resp: 551068

Ion Ratio Lower Upper

91 100

92 57.4 41.4 76.8



#45

trans-1,3-Dichloropropene

Concen: 26.431 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW017405.D

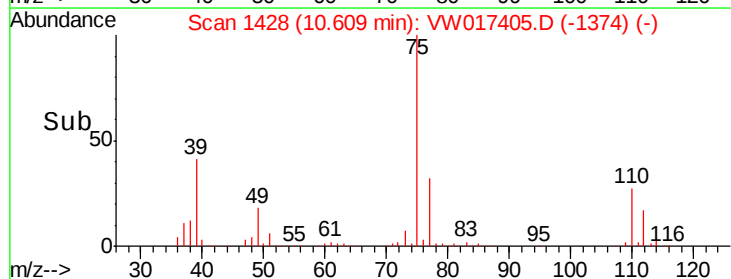
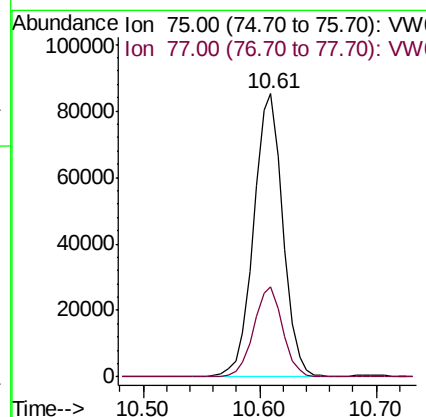
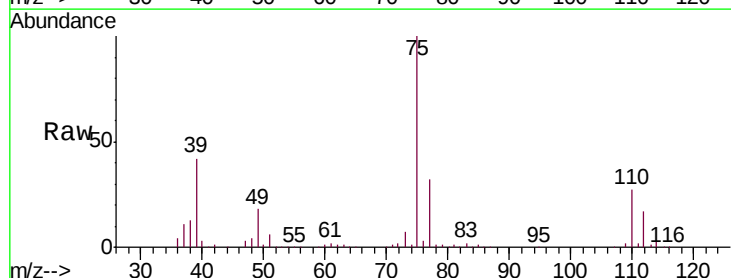
Acq: 20 Nov 2020 09:56

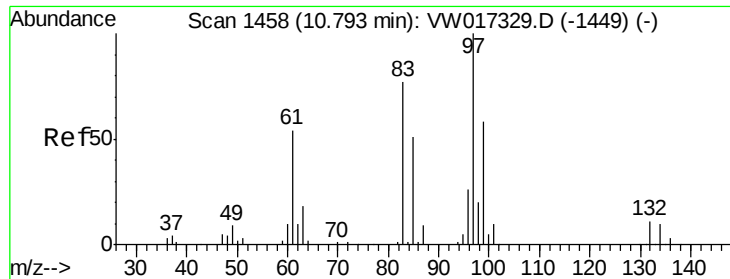
Tgt Ion: 75 Resp: 149071

Ion Ratio Lower Upper

75 100

77 31.8 22.0 40.8

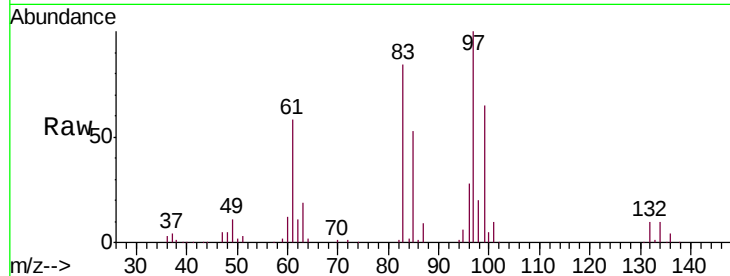




#46
 1,1,2-Trichloroethane
 Concen: 25.832 ug/L
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB11

Tgt Ion:	97	Resp:	87284
Ion	Ratio	Lower	Upper
97	100		
83	83.8	56.6	105.2
85	53.0	37.7	69.9
99	64.6	44.8	83.2



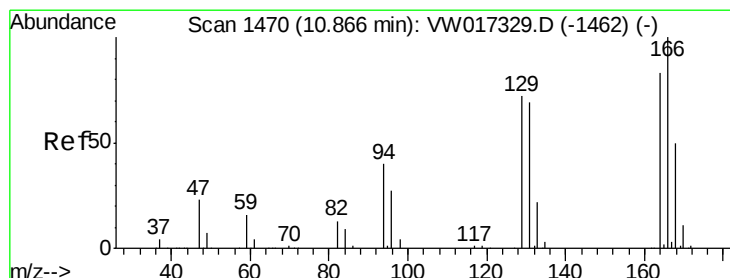
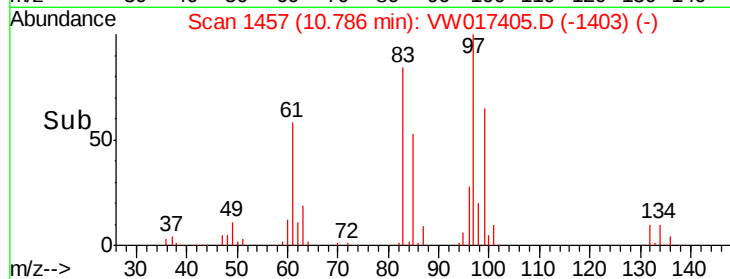
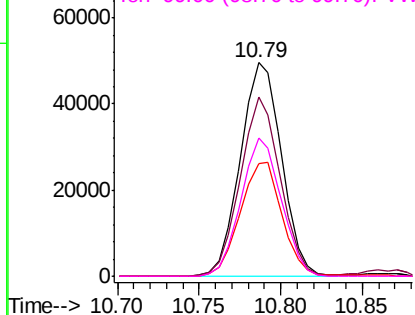
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

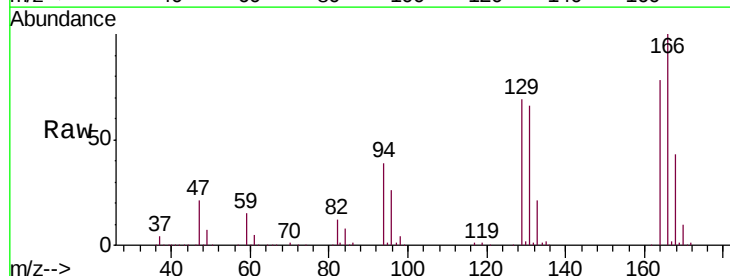
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
 Tetrachloroethene
 Concen: 25.722 ug/L
 RT: 10.87 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Tgt Ion:	164	Resp:	125091
Ion	Ratio	Lower	Upper
164	100		
129	87.7	60.6	112.6
131	84.4	60.4	112.2
166	128.0	88.6	164.6



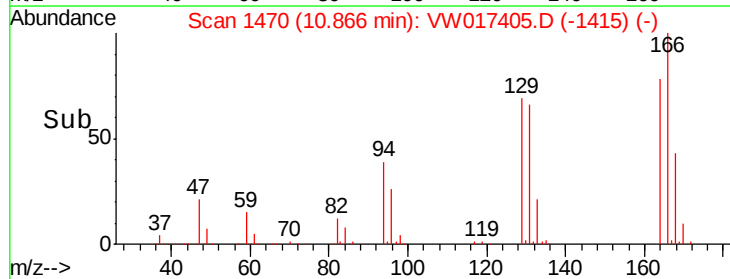
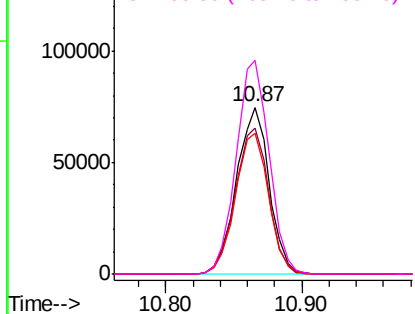
Abundance

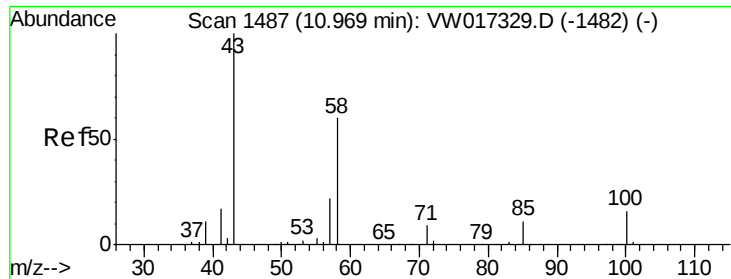
Ion 164.00 (163.70 to 164.70): V

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

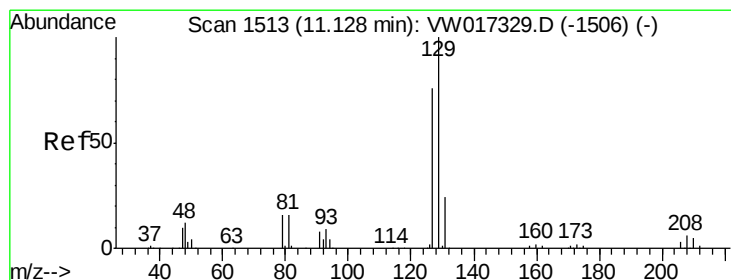
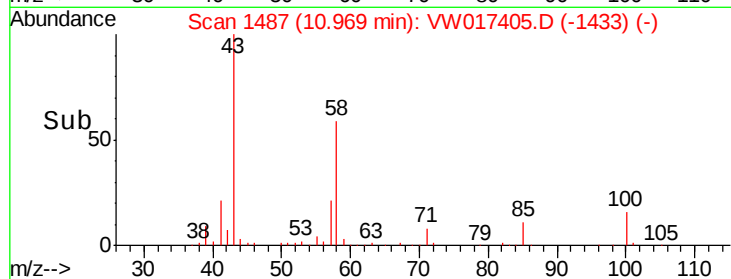
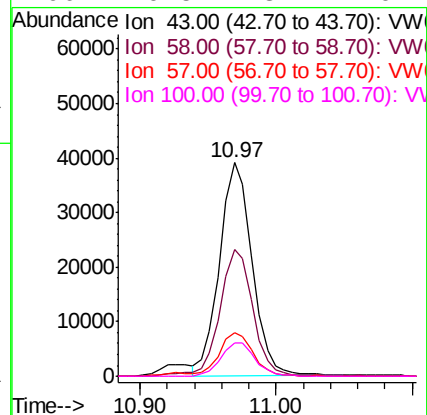
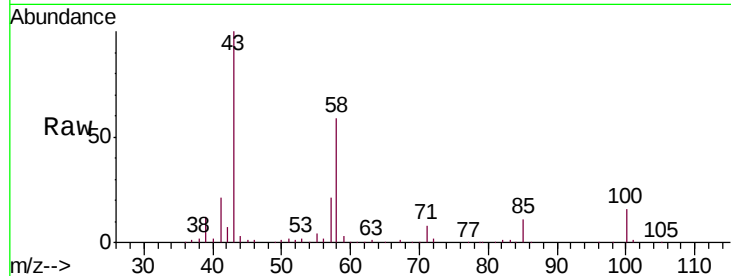




#49
2-Hexanone
Concen: 50.868 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

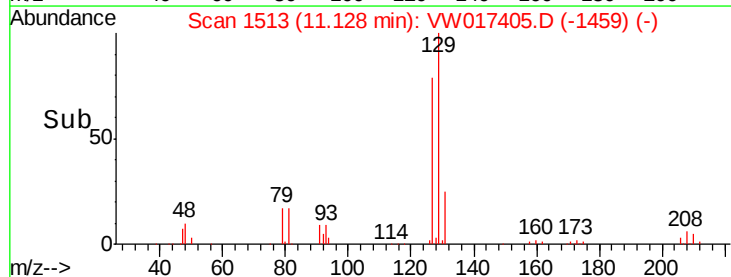
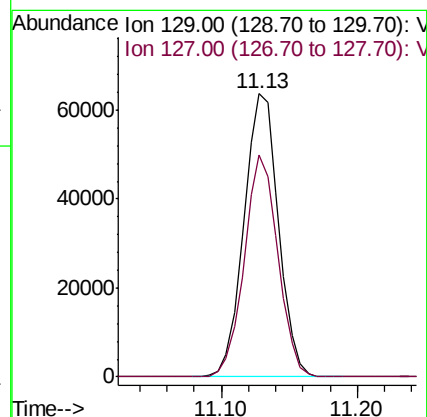
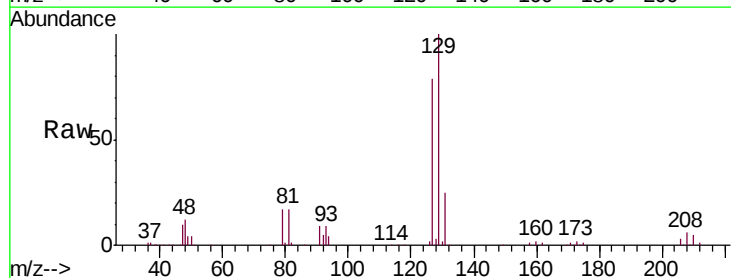
Instrument :
MSVOA_W
ClientSampleId :
BFB11

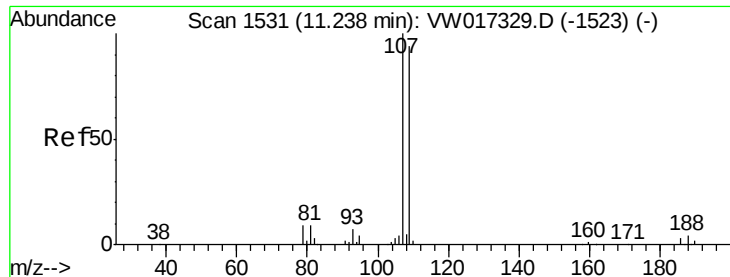
Tgt Ion: 43 Resp: 65177
Ion Ratio Lower Upper
43 100
58 60.0 49.4 74.0
57 20.9 17.0 25.4
100 16.5 13.1 19.7



#50
Dibromochloromethane
Concen: 26.143 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Tgt Ion: 129 Resp: 112948
Ion Ratio Lower Upper
129 100
127 78.5 51.8 96.2

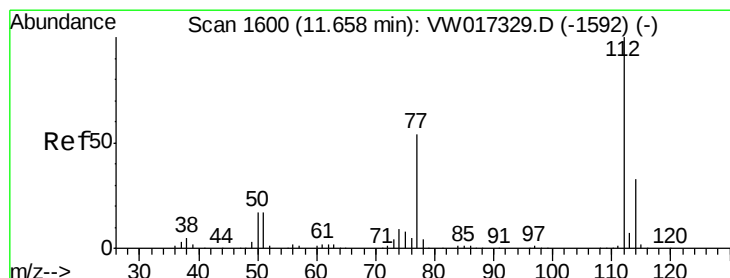
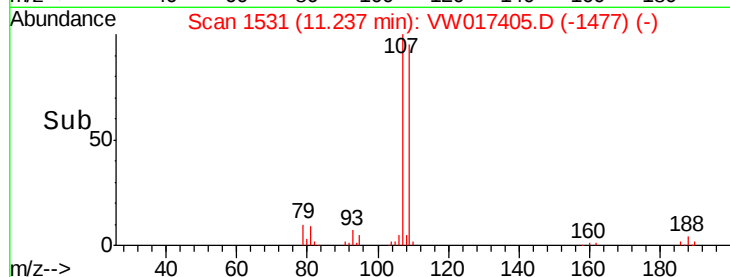
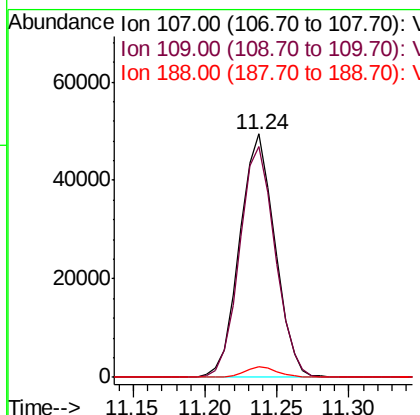
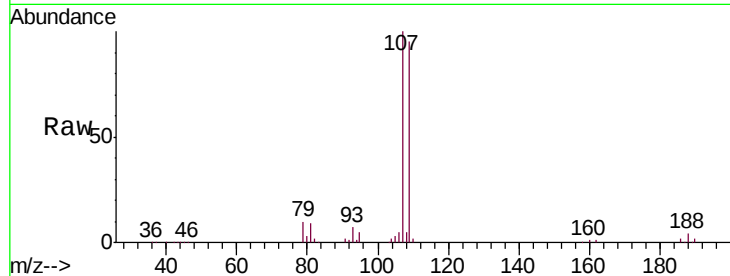




#51
 1,2-Dibromoethane
 Concen: 25.412 ug/L
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

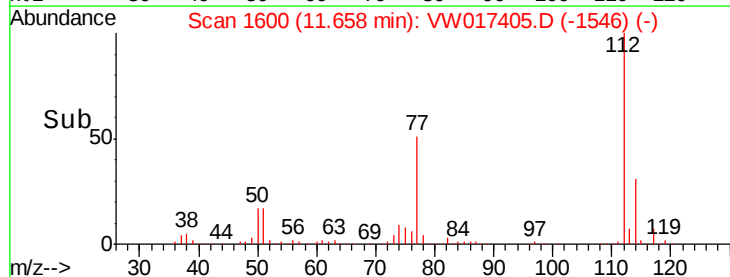
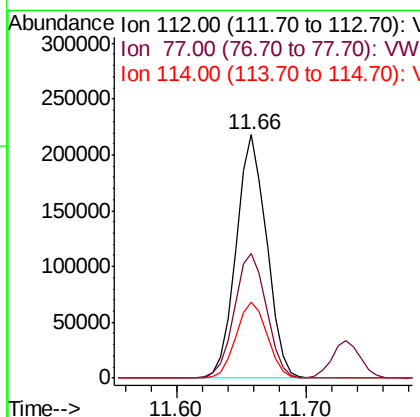
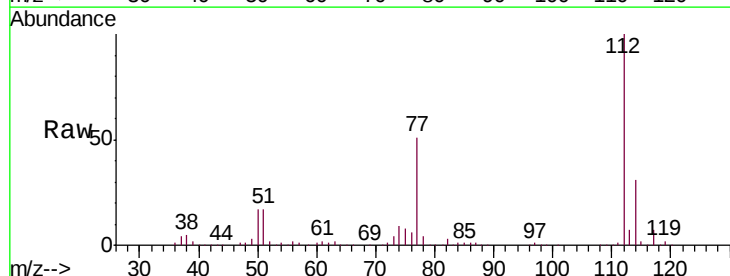
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB11

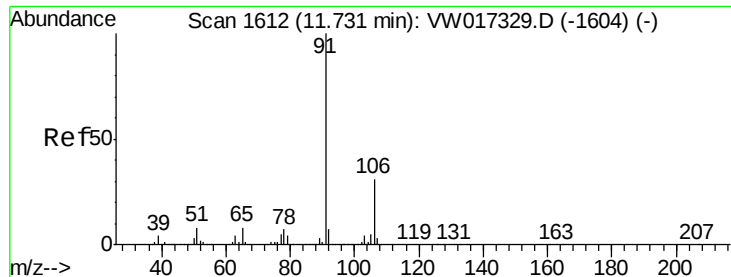
Tgt Ion:107 Resp: 84227
 Ion Ratio Lower Upper
 107 100
 109 94.6 68.2 126.6
 188 4.4 3.3 4.9



#52
 Chlorobenzene
 Concen: 25.483 ug/L
 RT: 11.66 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Tgt Ion:112 Resp: 356918
 Ion Ratio Lower Upper
 112 100
 77 51.4 42.2 63.4
 114 31.1 22.1 41.1





#53

Ethylbenzene

Concen: 26.182 ug/L

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampled :

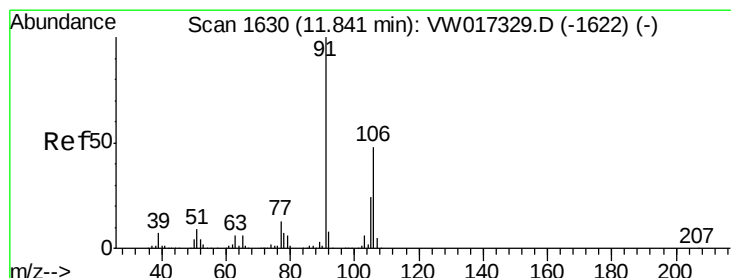
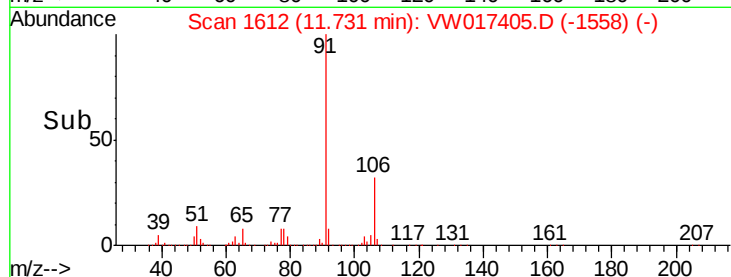
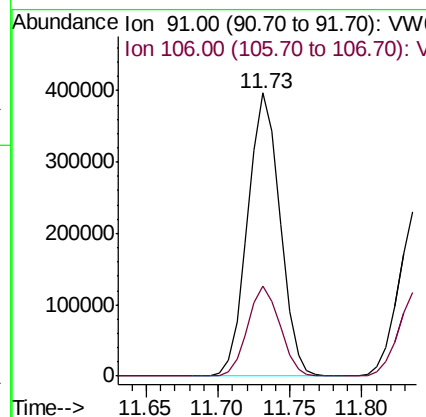
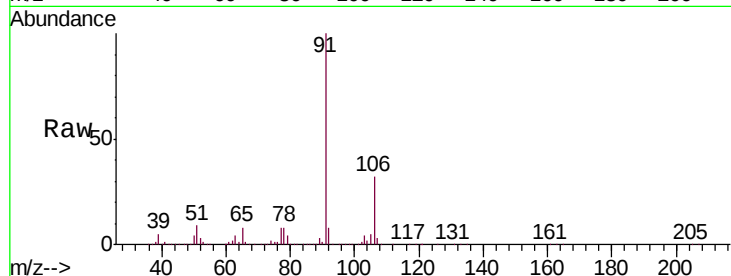
BFB11

Tgt Ion: 91 Resp: 617548

Ion Ratio Lower Upper

91 100

106 31.6 20.8 38.6



#54

m,p-Xylene

Concen: 26.507 ug/L

RT: 11.84 min Scan# 1630

Delta R.T. -0.00 min

Lab File: VW017405.D

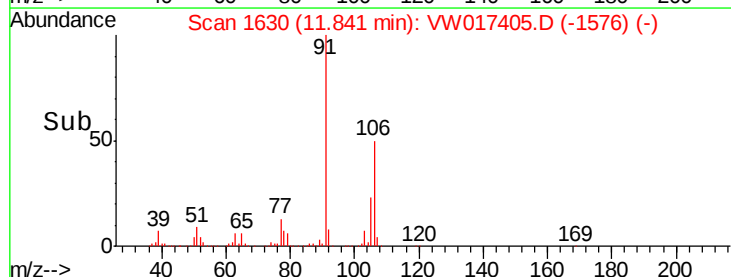
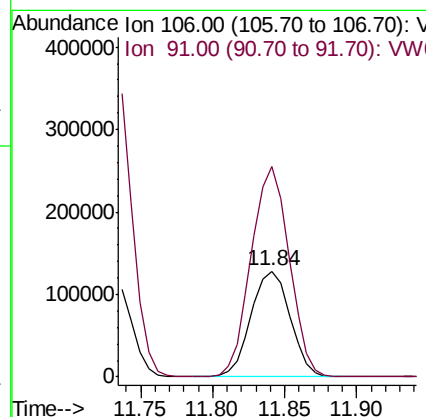
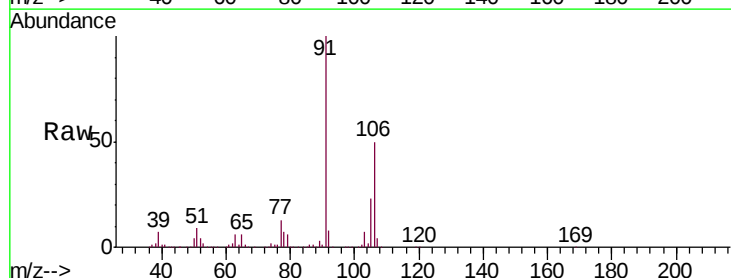
Acq: 20 Nov 2020 09:56

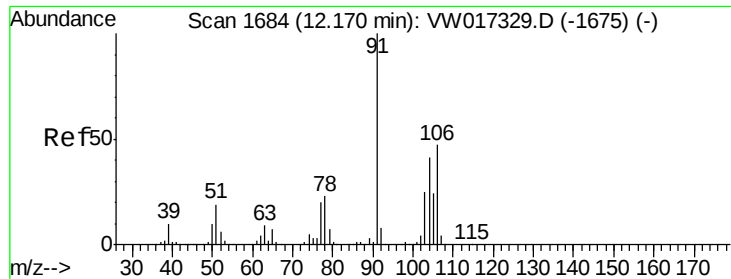
Tgt Ion: 106 Resp: 240922

Ion Ratio Lower Upper

106 100

91 199.0 126.9 235.7

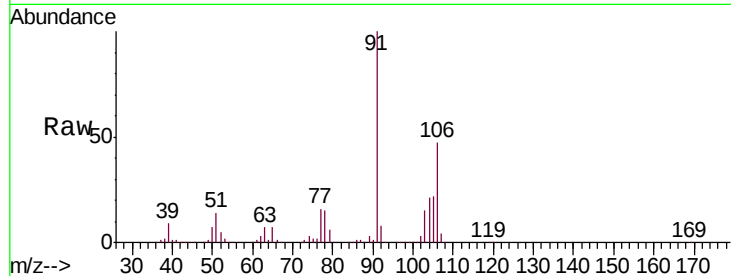




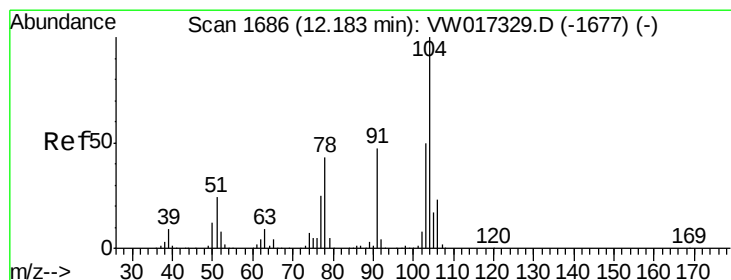
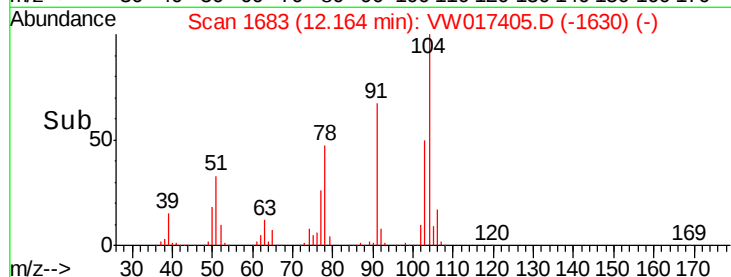
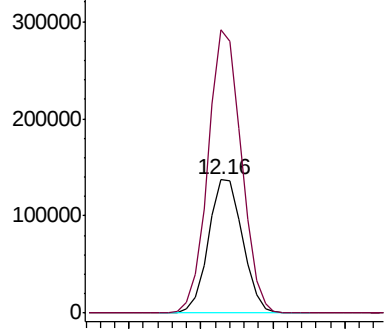
#55
o-xylene
Concen: 26.203 ug/L
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Instrument :
MSVOA_W
ClientSampled :
BFB11

Tgt Ion:106 Resp: 226000
Ion Ratio Lower Upper
106 100
91 212.6 139.5 259.1

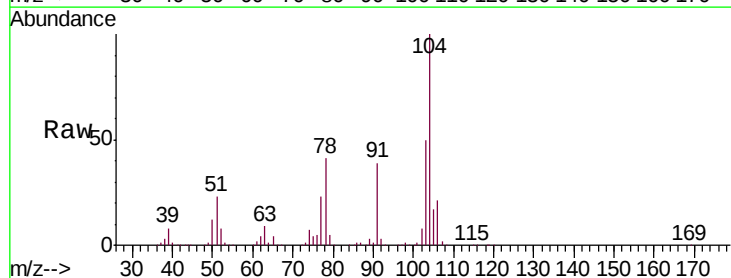


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

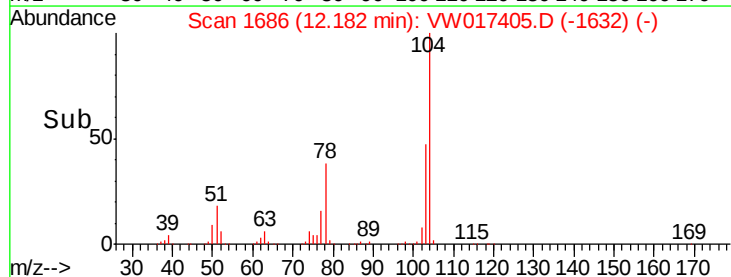
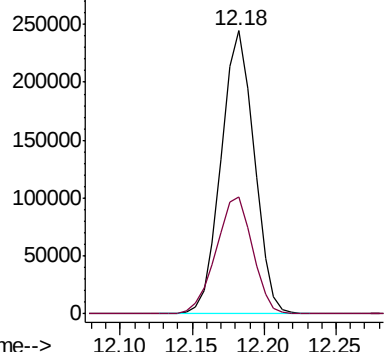


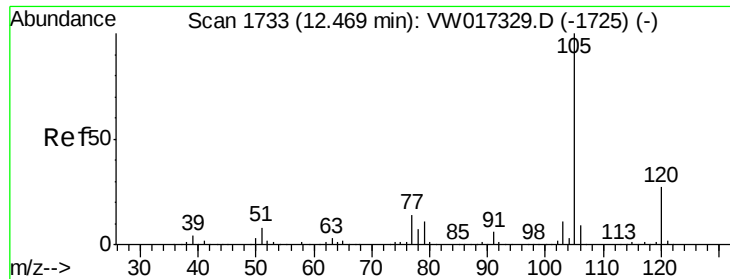
#56
Styrene
Concen: 27.230 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW017405.D
Acq: 20 Nov 2020 09:56

Tgt Ion:104 Resp: 389344
Ion Ratio Lower Upper
104 100
78 41.4 29.3 54.5



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





#57

Isopropylbenzene

Concen: 26.388 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampled :

BFB11

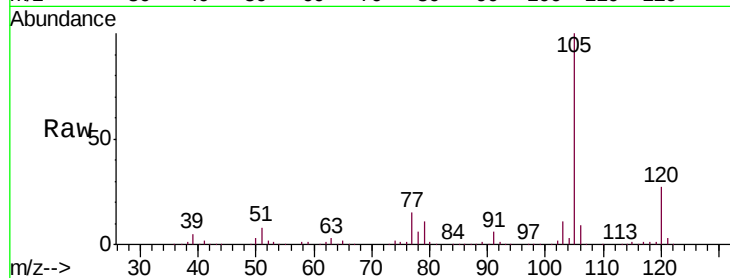
Tgt Ion: 105 Resp: 623286

Ion Ratio Lower Upper

105 100

120 26.9 21.6 32.4

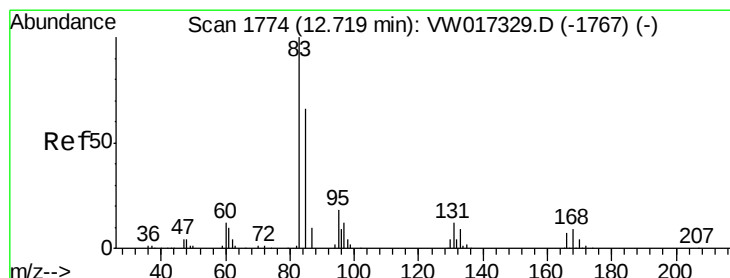
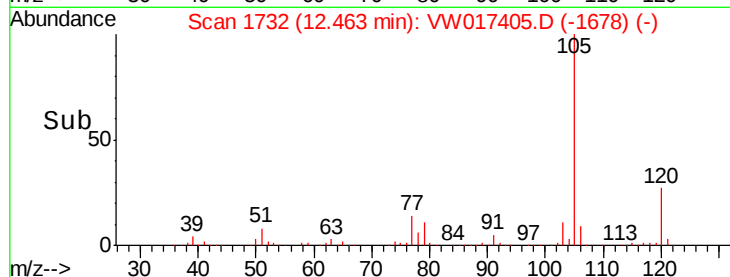
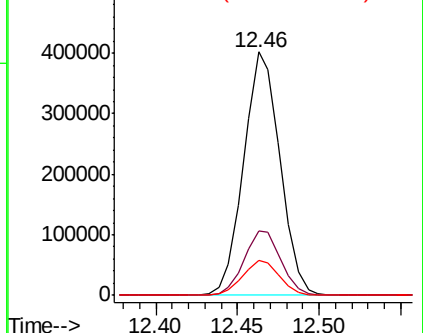
77 14.5 11.8 17.6



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: 25.820 ug/L

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

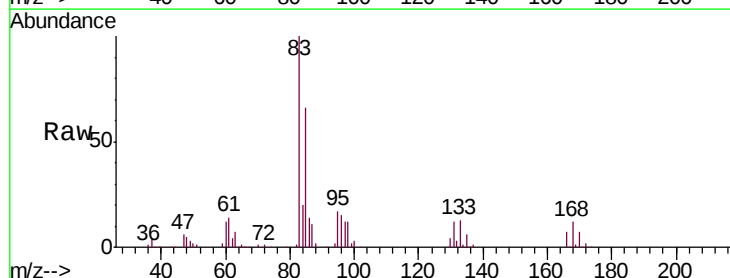
Tgt Ion: 83 Resp: 94501

Ion Ratio Lower Upper

83 100

85 66.5 44.2 82.0

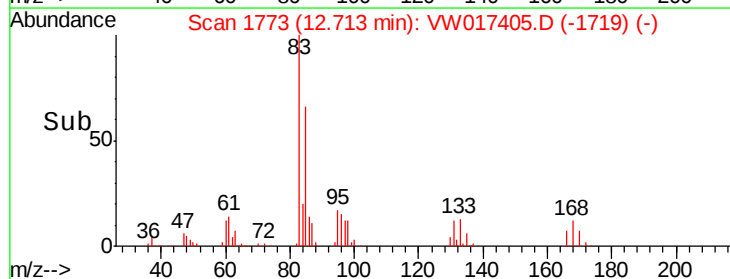
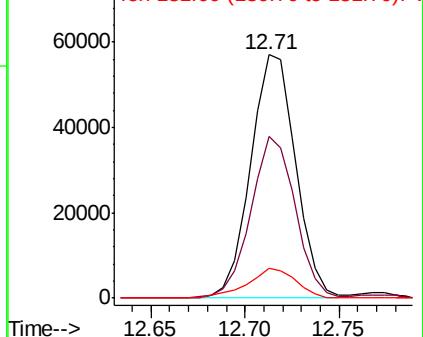
131 12.3 8.7 13.1

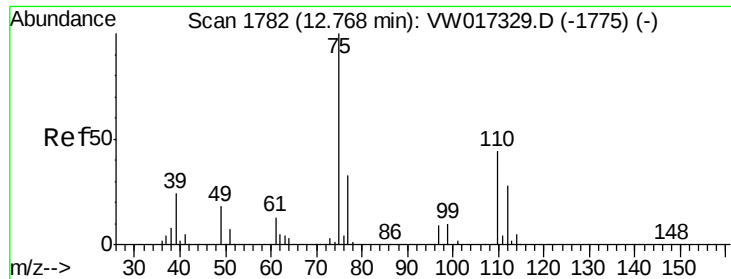


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 85.00 (84.70 to 85.70): VW

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 25.111 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

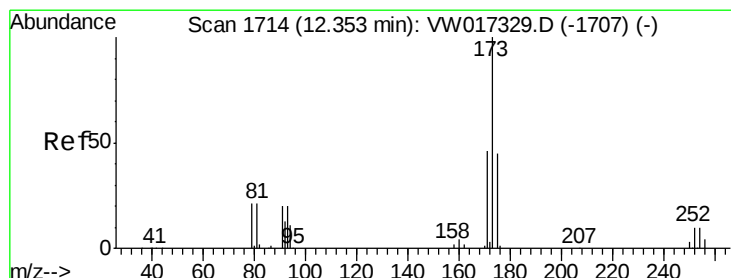
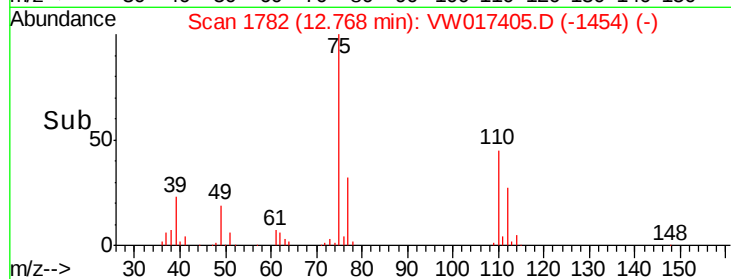
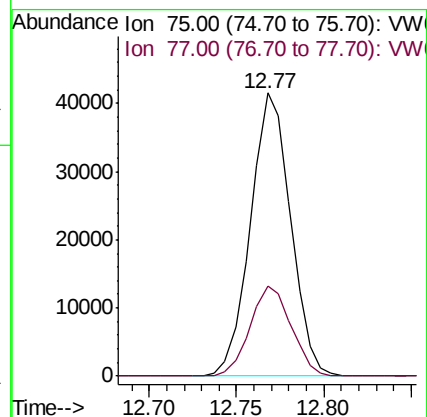
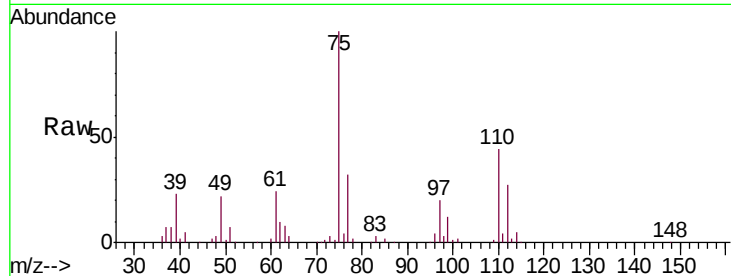
BFB11

Tgt Ion: 75 Resp: 66369

Ion Ratio Lower Upper

75 100

77 32.7 26.6 40.0



#62

Bromoform

Concen: 24.790 ug/L

RT: 12.35 min Scan# 1713

Delta R.T. -0.01 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

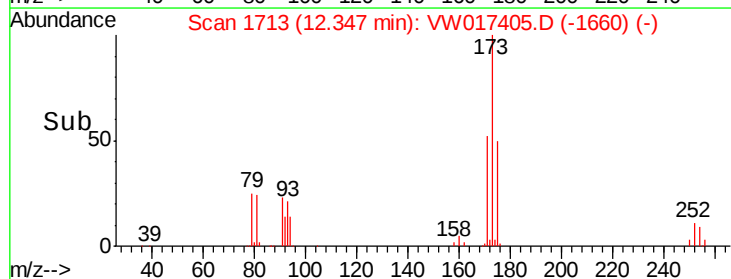
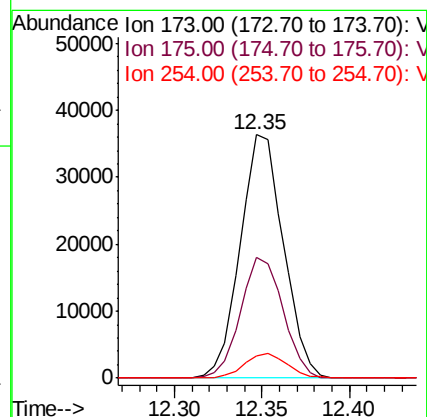
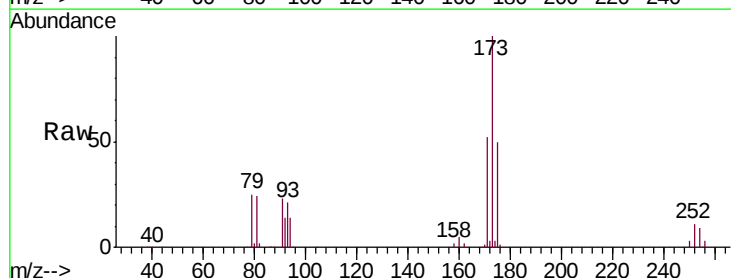
Tgt Ion: 173 Resp: 62407

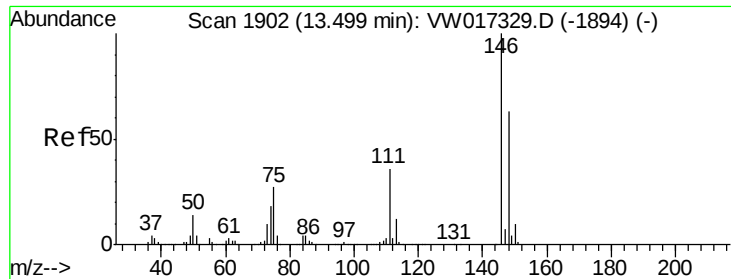
Ion Ratio Lower Upper

173 100

175 48.9 40.0 60.0

254 10.0 8.0 12.0

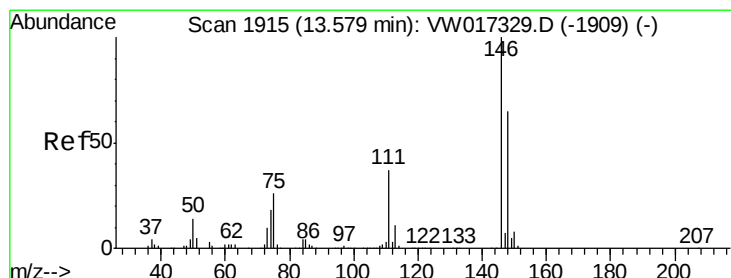
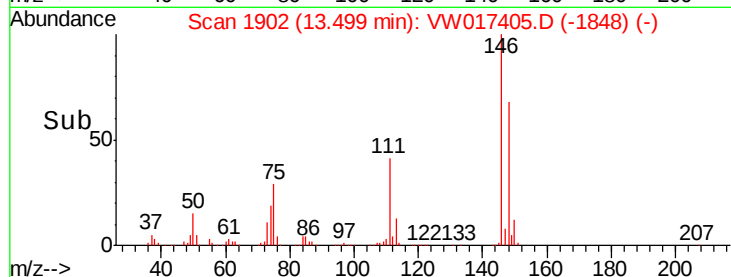
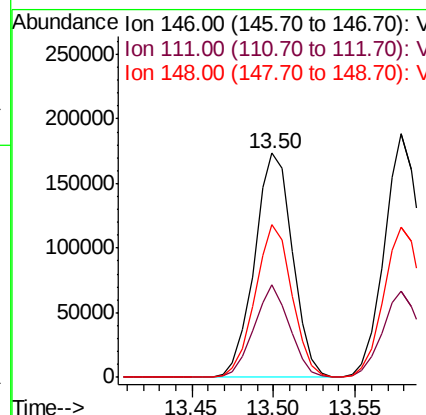
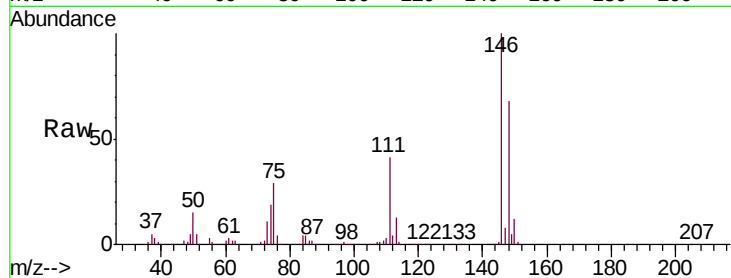




#63
 1,3-Dichlorobenzene
 Concen: 24.130 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

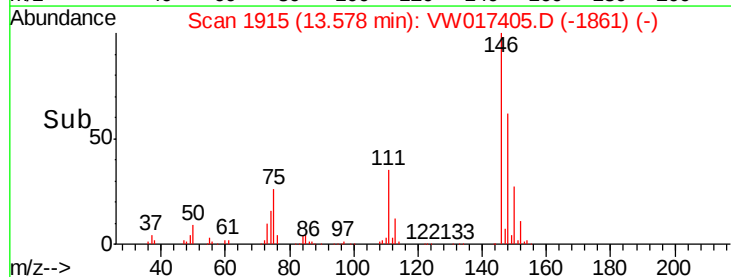
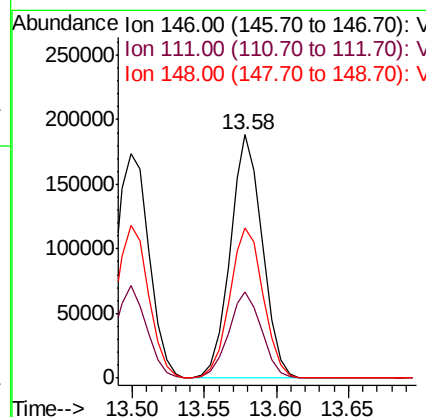
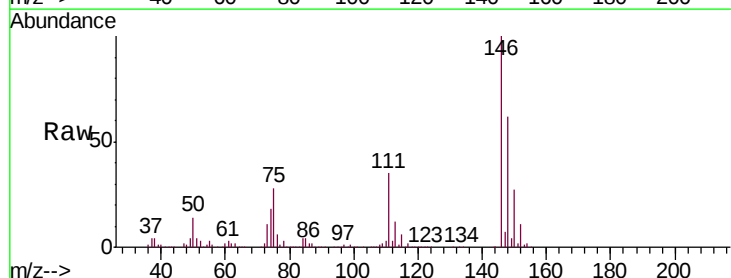
Instrument :
 MSVOA_W
 ClientSampled :
 BFB11

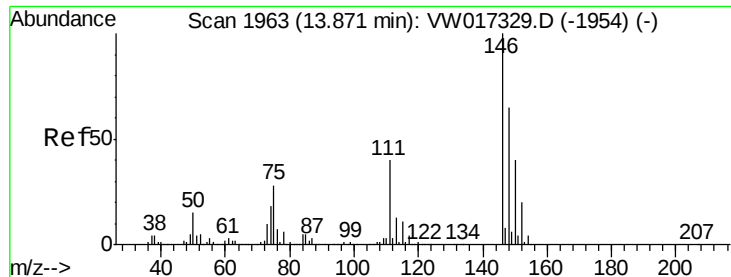
Tgt Ion:146 Resp: 281347
 Ion Ratio Lower Upper
 146 100
 111 41.4 24.5 45.5
 148 68.0 40.4 75.0



#64
 1,4-Dichlorobenzene
 Concen: 25.543 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Tgt Ion:146 Resp: 293847
 Ion Ratio Lower Upper
 146 100
 111 35.5 26.2 48.8
 148 61.9 45.2 84.0

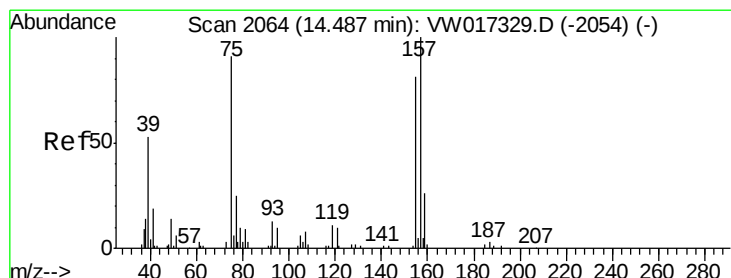
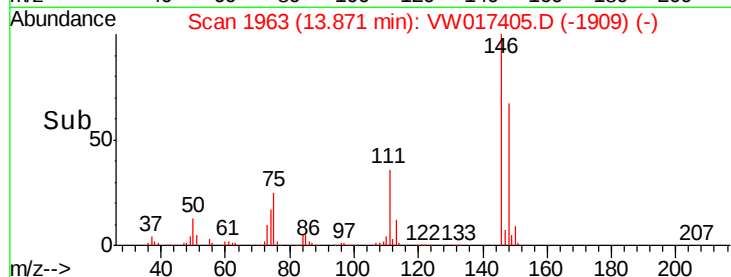
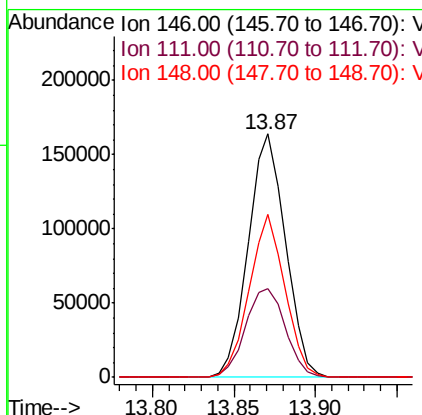
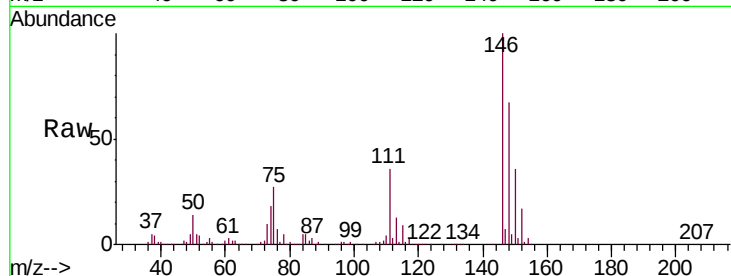




#65
 1,2-Dichlorobenzene
 Concen: 25.774 ug/L
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

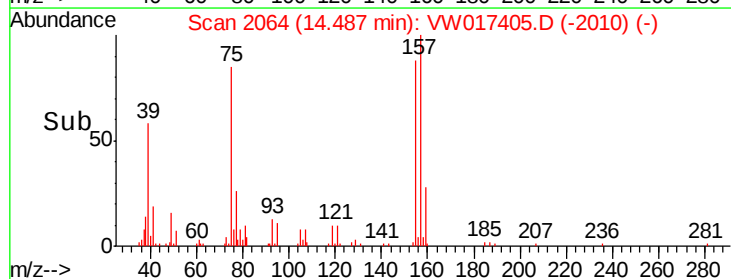
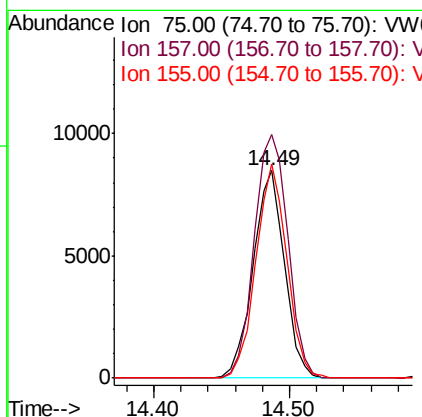
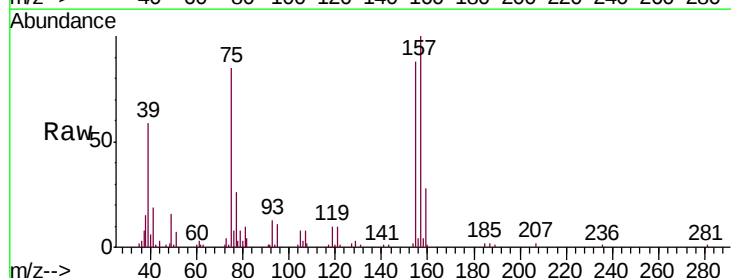
Instrument :
 MSVOA_W
 ClientSampleId :
 BFB11

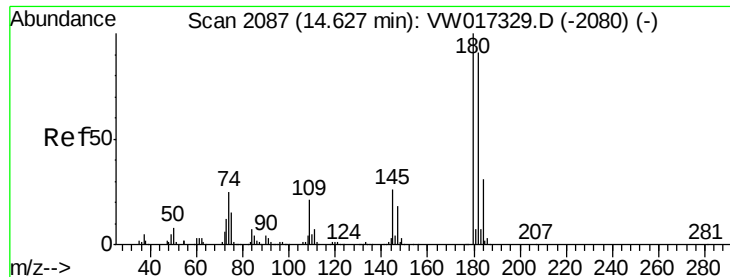
Tgt Ion: 146 Resp: 261197
 Ion Ratio Lower Upper
 146 100
 111 36.4 30.8 46.2
 148 67.1 49.0 73.4



#66
 1,2-Dibromo-3-chloropropane
 Concen: 24.296 ug/L
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Tgt Ion: 75 Resp: 13723
 Ion Ratio Lower Upper
 75 100
 157 117.5 106.7 160.1
 155 103.1 70.6 106.0

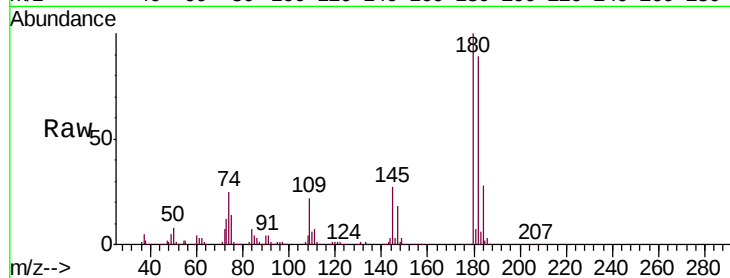




#67
 1,3,5-Trichlorobenzene
 Concen: 25.749 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Instrument :
 MSVOA_W
 ClientSampleId :
 BFB11

Tgt Ion:	180	Resp:	218425
Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.8	115.2
184	30.6	23.9	35.9
145	28.5	22.6	33.8



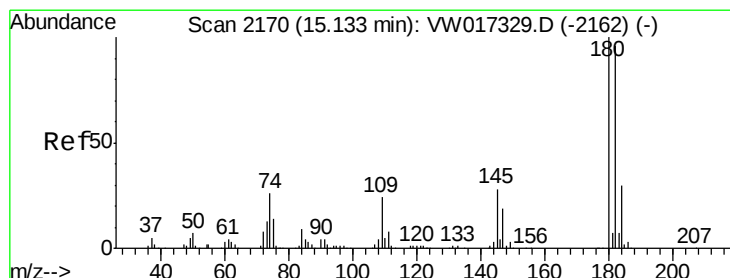
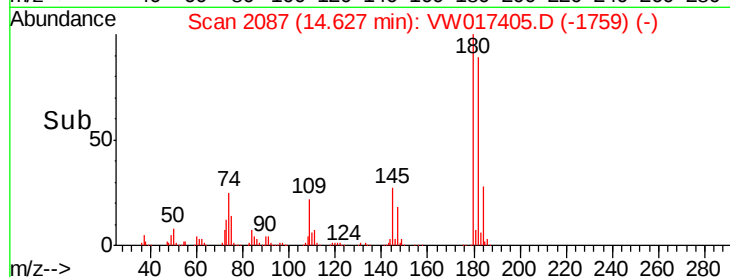
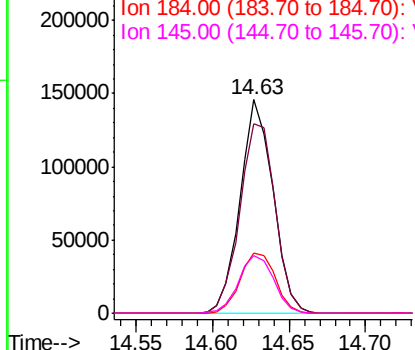
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

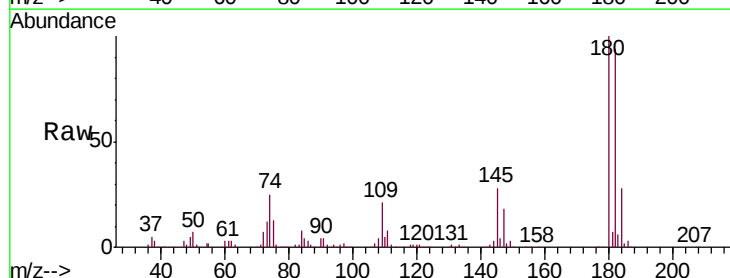
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 26.780 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW017405.D
 Acq: 20 Nov 2020 09:56

Tgt Ion:	180	Resp:	174338
Ion	Ratio	Lower	Upper
180	100		
182	95.2	77.0	115.6
145	28.3	22.9	34.3

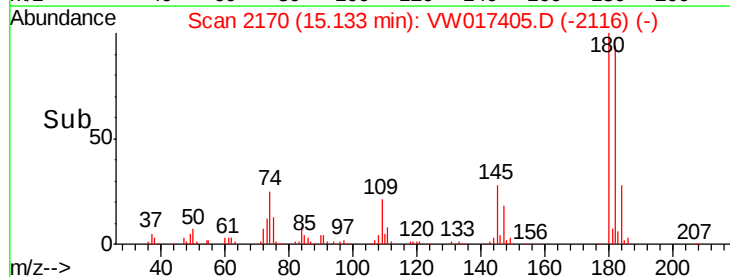
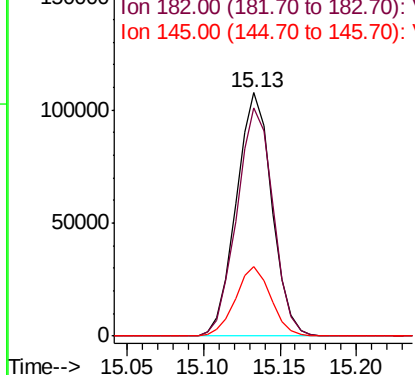


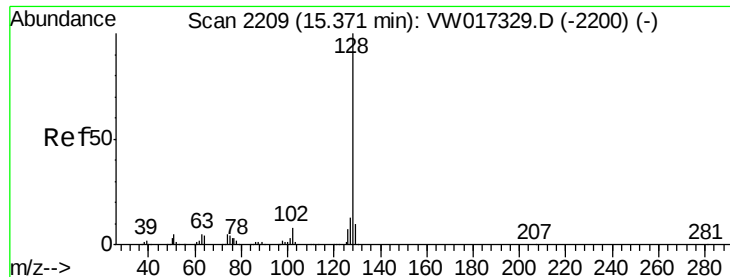
Abundance

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





#69

Naphthalene

Concen: 26.692 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

Instrument :

MSVOA_W

ClientSampleId :

BFB11

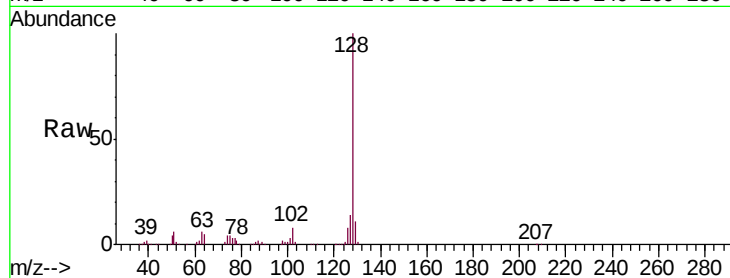
Tgt Ion:128 Resp: 249481

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

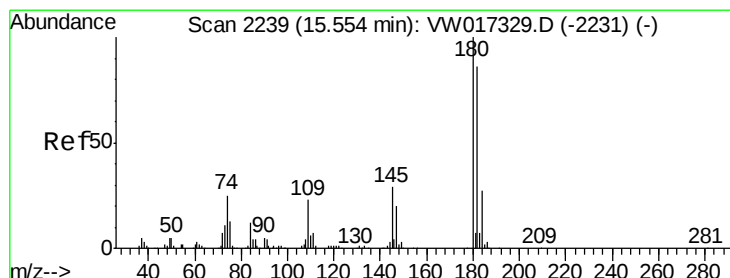
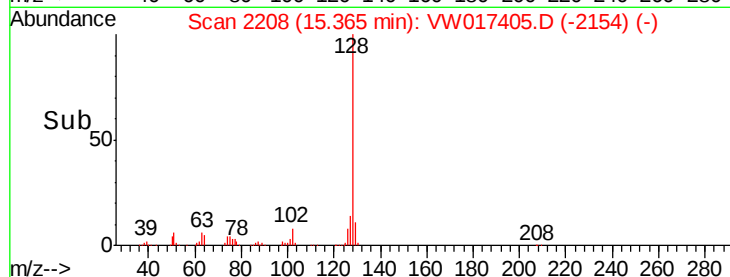
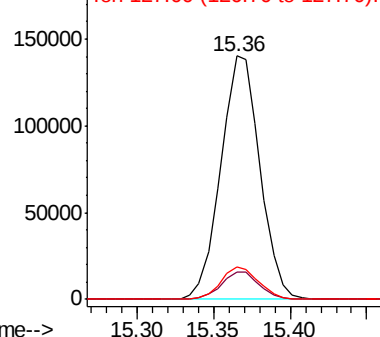
127 13.0 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#70

1,2,3-Trichlorobenzene

Concen: 25.801 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW017405.D

Acq: 20 Nov 2020 09:56

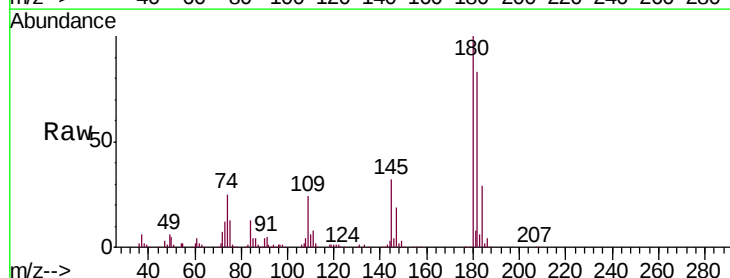
Tgt Ion:180 Resp: 147771

Ion Ratio Lower Upper

180 100

182 94.2 78.6 118.0

145 31.5 25.4 38.0



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

