

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062920\
 Data File : VW015756.D
 Acq On : 29 Jun 2020 11:43
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

Quant Time: Jun 30 02:54:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062920S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 29 12:09:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	367975	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	340217	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	168703	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	118098	19.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.04%
7) Chloroethane-d5	2.89	69	95167	19.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.04%
10) 1,1-Dichloroethene-d2	4.02	63	222909	21.01	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.04%
20) 2-Butanone-d5	7.09	46	53544	42.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.96%
24) Chloroform-d	7.65	84	215474	21.01	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.04%
26) 1,2-Dichloroethane-d4	8.31	65	121263	20.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.12%
29) Benzene-d6	8.27	84	416830	20.55	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.20%
33) 1,2-Dichloropropane-d6	9.27	67	124207	20.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.72%
37) Toluene-d8	10.32	98	393208	20.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.32%
38) trans-1,3-Dichloropropene-	10.58	79	57496	21.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.44%
39) 2-Hexanone-d5	10.93	63	42381	43.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	99714	21.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.60%
61) 1,2-Dichlorobenzene-d4	13.85	152	136681	20.89	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	2.01	85	90999	26.228	ug/L	97
3) Chloromethane	2.21	50	89500	23.971	ug/L	99
5) Vinyl chloride	2.37	62	139878	25.013	ug/L	99
6) Bromomethane	2.78	94	88797	23.966	ug/L	100
8) Chloroethane	2.93	64	86353	24.750	ug/L	97
9) Trichlorofluoromethane	3.26	101	102085	24.964	ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	111913	25.242	ug/L	98
12) 1,1-Dichloroethene	4.04	96	108045	25.245	ug/L	88
13) Acetone	4.13	43	48720	46.118	ug/L	98
14) Carbon disulfide	4.38	76	339323	25.532	ug/L	99
15) Methyl Acetate	4.68	43	50462	26.663	ug/L	100
16) Methylene chloride	4.92	84	119796	22.188	ug/L	98
17) Methyl tert-butyl Ether	5.43	73	176150	26.862	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	120510	26.230	ug/L	95
19) 1,1-Dichloroethane	6.21	63	216865	26.180	ug/L	100
21) 2-Butanone	7.18	43	65296	49.998	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	126285	26.590	ug/L	99

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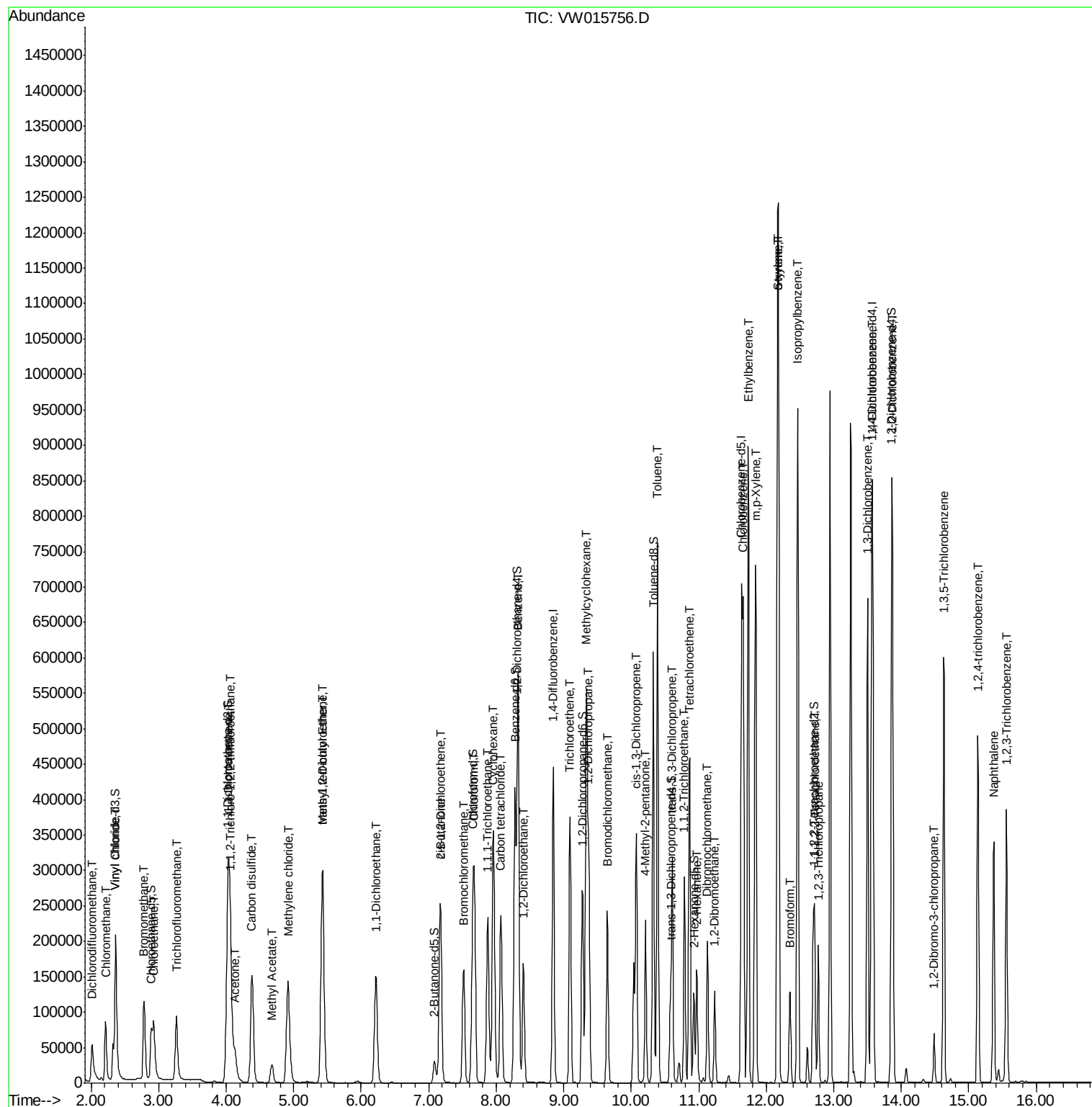
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	56421	26.971	ug/L	95
25) Chloroform	7.68	83	221871	26.517	ug/L	100
27) 1,2-Dichloroethane	8.40	62	155185	26.823	ug/L	98
30) Cyclohexane	7.96	56	202528	26.395	ug/L	99
31) 1,1,1-Trichloroethane	7.88	97	190811	25.913	ug/L	99
32) Carbon tetrachloride	8.07	117	172483	25.917	ug/L	100
34) Benzene	8.32	78	486643	26.045	ug/L	100
35) Trichloroethene	9.09	95	127462	25.582	ug/L	99
36) Methylcyclohexane	9.34	83	228217	26.556	ug/L	99
40) 1,2-Dichloropropane	9.37	63	119959	26.379	ug/L	99
41) Bromodichloromethane	9.65	83	158586	26.840	ug/L	100
42) cis-1,3-Dichloropropene	10.07	75	191037	26.911	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	143010	53.900	ug/L	99
44) Toluene	10.39	91	534663	26.339	ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	167206	27.062	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	88275	26.889	ug/L	99
47) Tetrachloroethene	10.87	164	102332	25.559	ug/L	99
49) 2-Hexanone	10.97	43	99648	53.316	ug/L	100
50) Dibromochloromethane	11.13	129	102394	26.645	ug/L	89
51) 1,2-Dibromoethane	11.24	107	85847	26.977	ug/L	95
52) Chlorobenzene	11.66	112	335988	26.333	ug/L	98
53) Ethylbenzene	11.73	91	612360	26.681	ug/L	99
54) m,p-Xylene	11.84	106	233651	27.237	ug/L	99
55) o-xylene	12.17	106	222649	27.157	ug/L	99
56) Styrene	12.18	104	383263	27.539	ug/L	100
57) Isopropylbenzene	12.46	105	614710	27.144	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	106044	27.145	ug/L	99
59) 1,2,3-Trichloropropane	12.77	75	79719	27.020	ug/L	100
62) Bromoform	12.35	173	57910	26.758	ug/L #	99
63) 1,3-Dichlorobenzene	13.50	146	264267	26.408	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	259072	25.988	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	234599	26.514	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.49	75	17229	27.186	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	183996	26.810	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	150301	27.142	ug/L	99
69) Naphthalene	15.37	128	284829	28.113	ug/L	100
70) 1,2,3-Trichlorobenzene	15.56	180	129495	27.048	ug/L	98

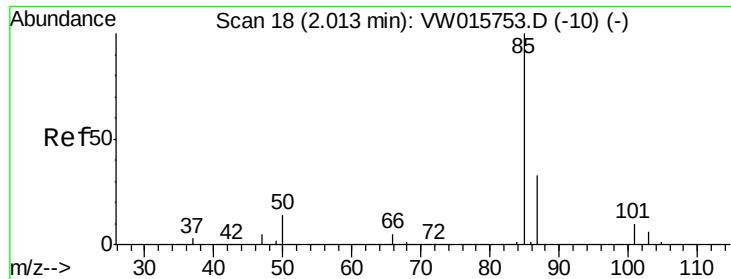
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 26.228 ug/L

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

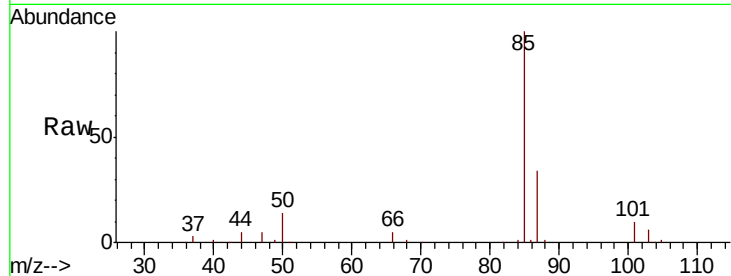
VICV03

Tot Ion: 85 Resp: 90999

Ion Ratio Lower Upper

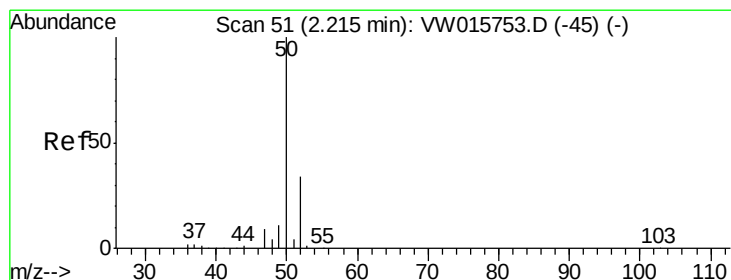
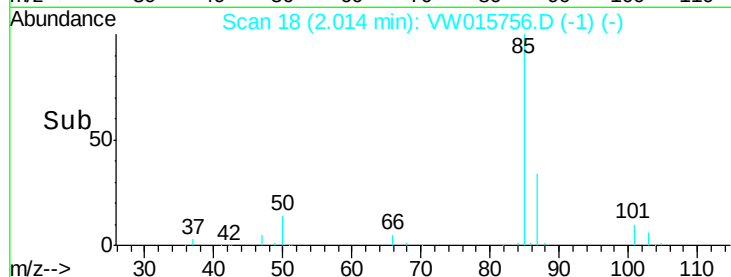
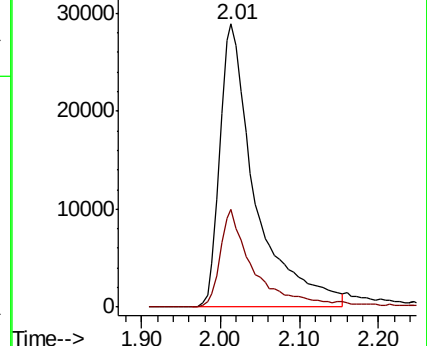
85 100

87 31.9 21.1 39.1



Abundance Ion 85.00 (84.70 to 85.70): VW

Ion 87.00 (86.70 to 87.70): VW



#3

Chloromethane

Concen: 23.971 ug/L

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015756.D

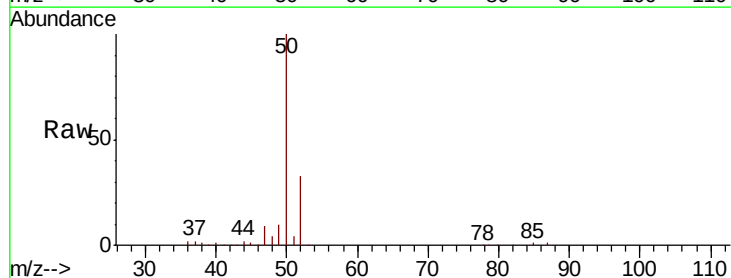
Acq: 29 Jun 2020 11:43

Tgt Ion: 50 Resp: 89500

Ion Ratio Lower Upper

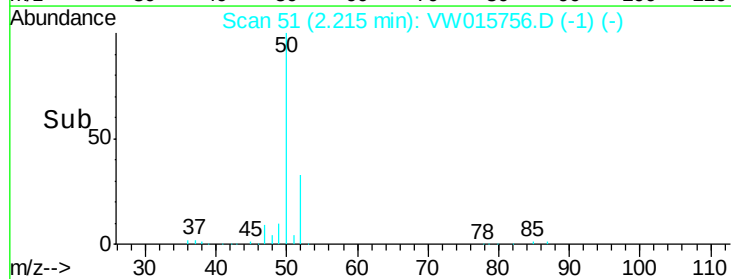
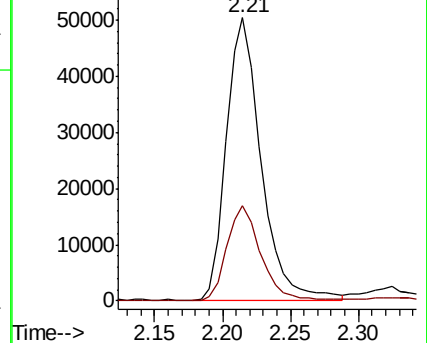
50 100

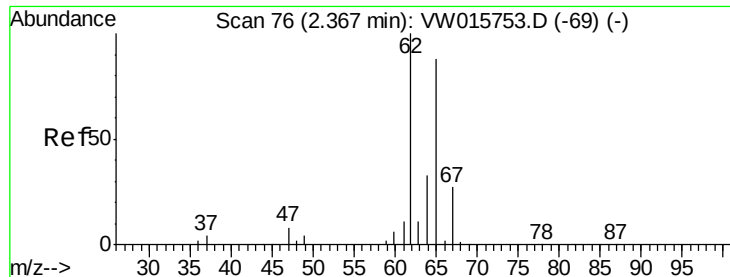
52 33.4 23.7 44.1



Abundance Ion 50.00 (49.70 to 50.70): VW

Ion 52.00 (51.70 to 52.70): VW





#5

Vinyl chloride

Concen: 25.013 ug/L

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

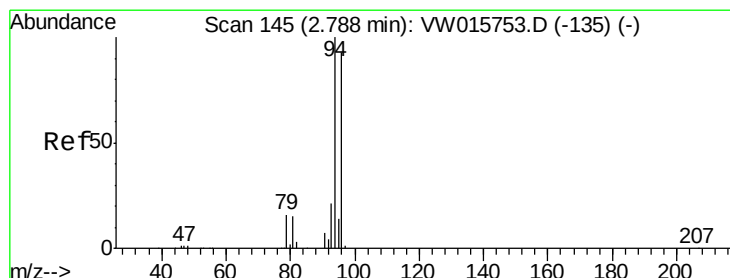
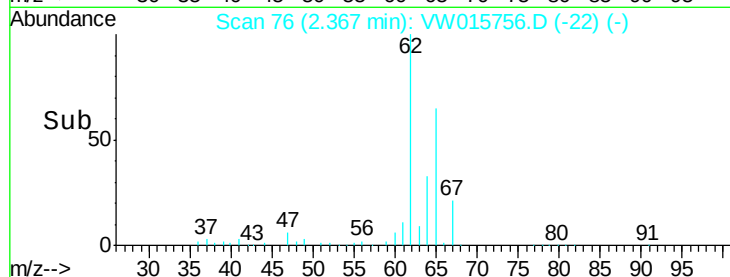
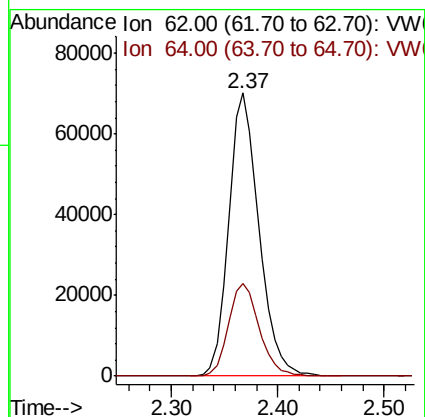
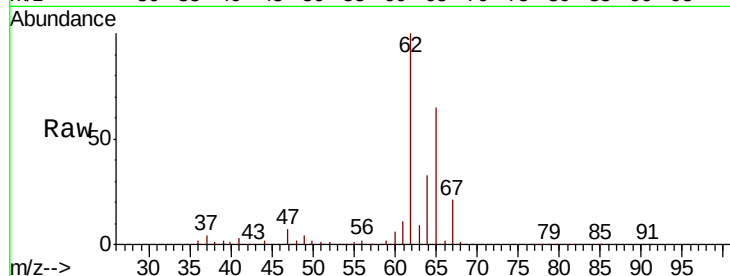
VICV03

Tot Ion: 62 Resp: 139878

Ion Ratio Lower Upper

62 100

64 32.8 23.2 43.0



#6

Bromomethane

Concen: 23.966 ug/L

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW015756.D

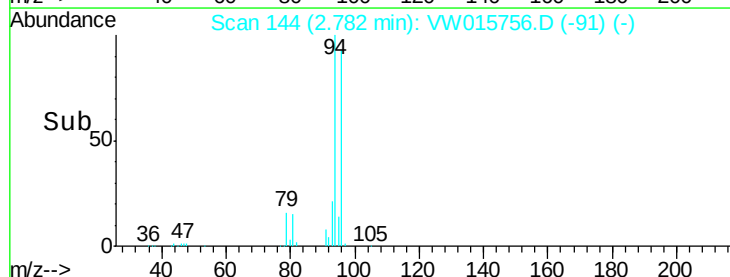
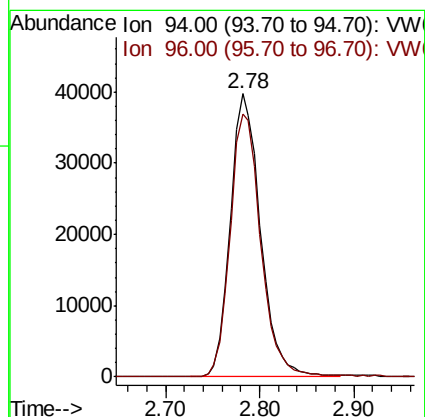
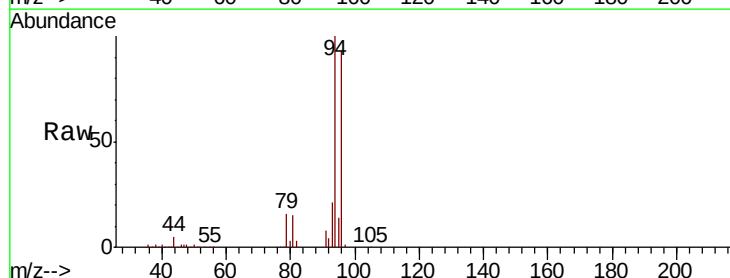
Acq: 29 Jun 2020 11:43

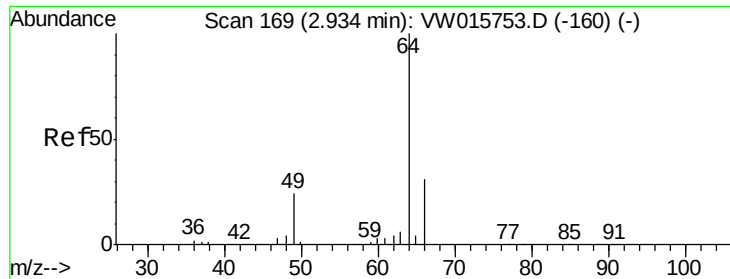
Tgt Ion: 94 Resp: 88797

Ion Ratio Lower Upper

94 100

96 94.2 9.4 179.2





#8

Chloroethane

Concen: 24.750 ug/L

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

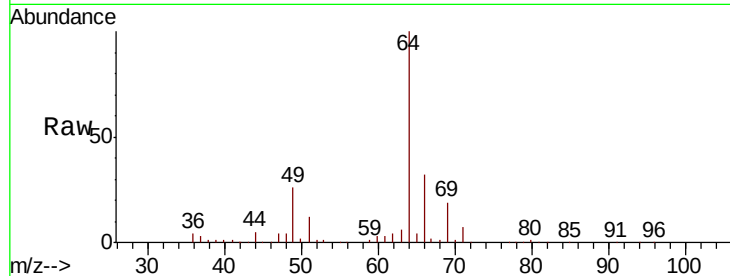
VICV03

Tot Ion: 64 Resp: 86353

Ion Ratio Lower Upper

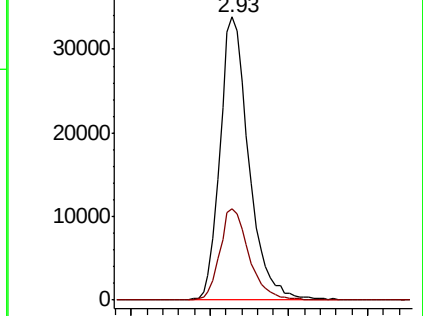
64 100

66 32.5 21.6 40.2

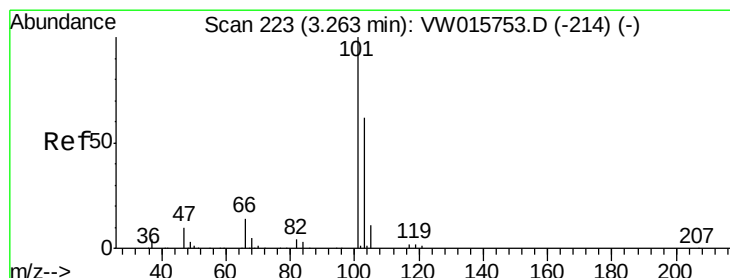
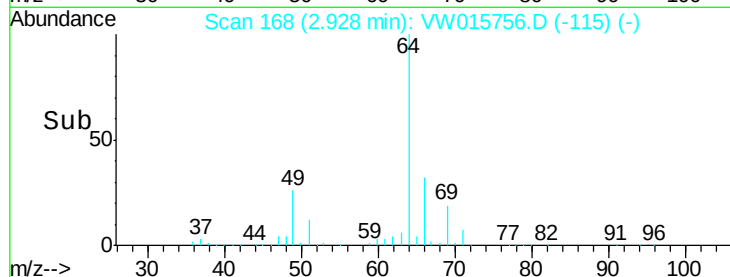


Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



Time-->



#9

Trichlorofluoromethane

Concen: 24.964 ug/L

RT: 3.26 min Scan# 223

Delta R.T. 0.00 min

Lab File: VW015756.D

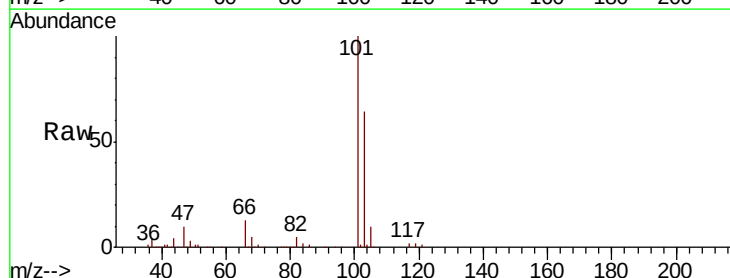
Acq: 29 Jun 2020 11:43

Tgt Ion: 101 Resp: 102085

Ion Ratio Lower Upper

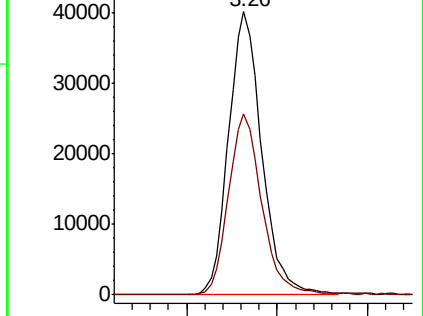
101 100

103 63.8 44.4 82.4

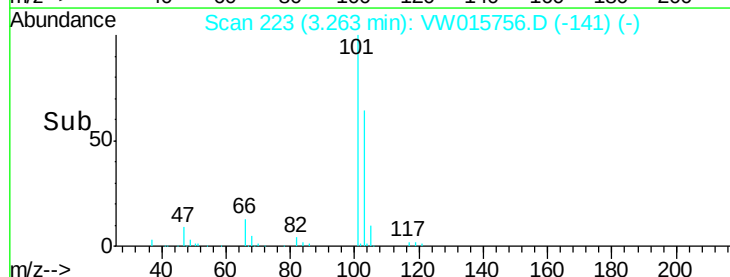


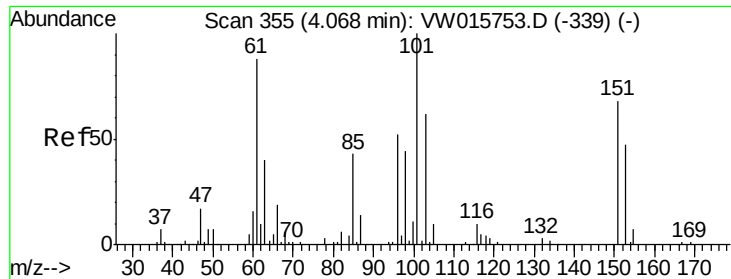
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->





#11

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

Concen: 25.242 ug/L

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

VICV03

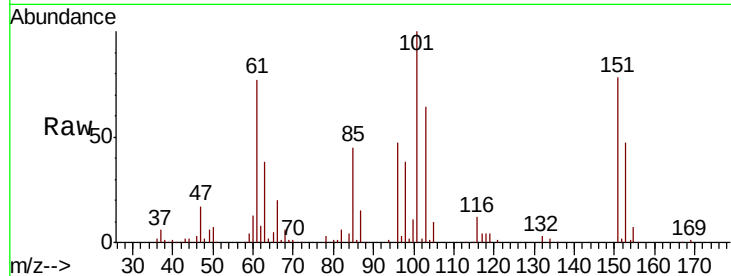
Tot Ion:101 Resp: 111913

Ion Ratio Lower Upper

101 100

85 44.6 34.4 51.6

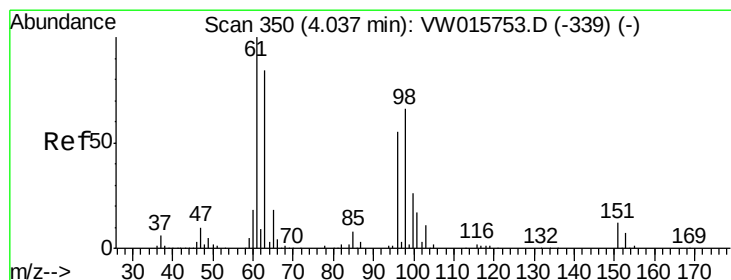
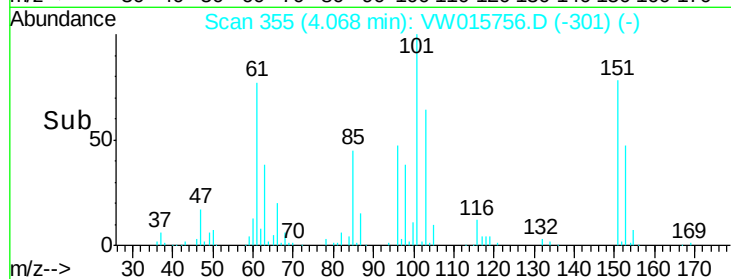
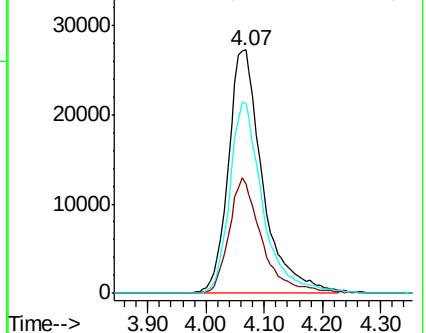
151 75.3 58.6 88.0



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: 25.245 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

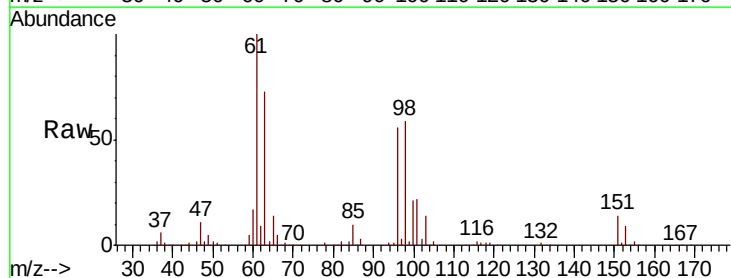
Tgt Ion: 96 Resp: 108045

Ion Ratio Lower Upper

96 100

61 179.6 128.0 237.6

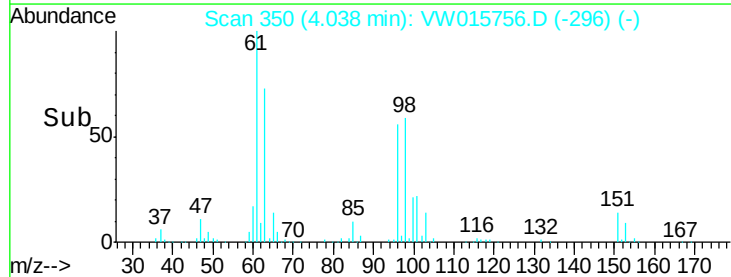
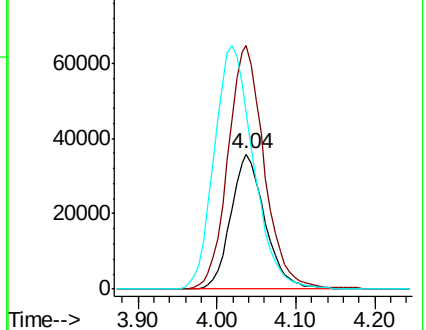
63 130.5 112.3 208.7

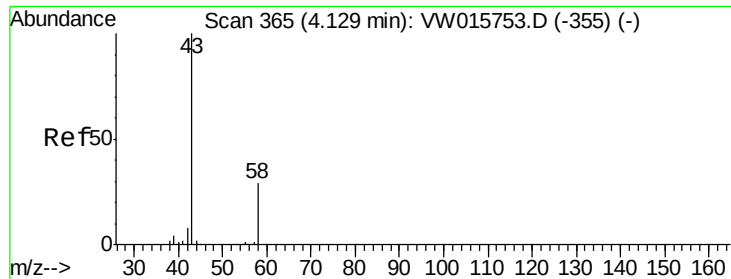


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 46.118 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.00 min

Lab File: VW015756.D

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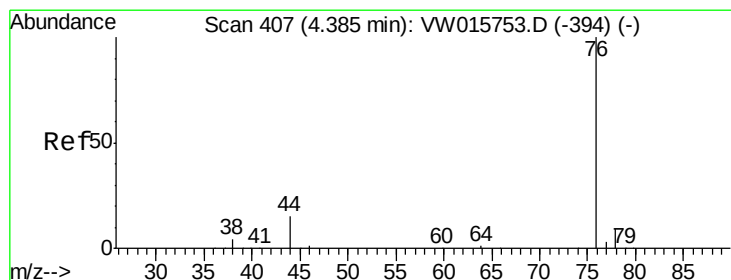
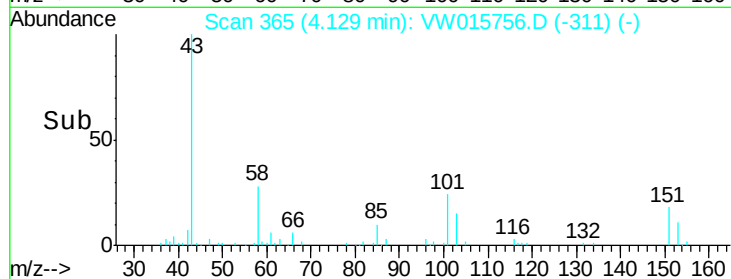
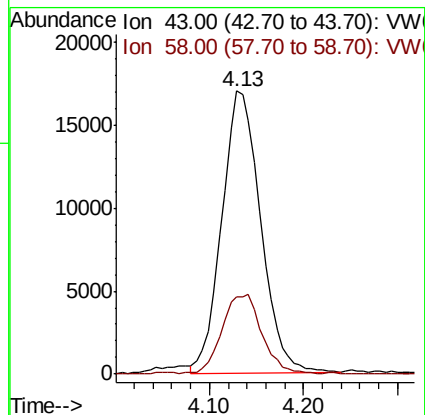
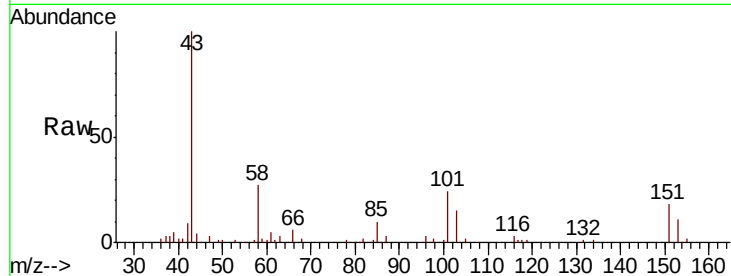
VICV03

Tot Ion: 43 Resp: 48720

Ion Ratio Lower Upper

43 100

58 28.9 0.0 59.4



#14

Carbon disulfide

Concen: 25.532 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

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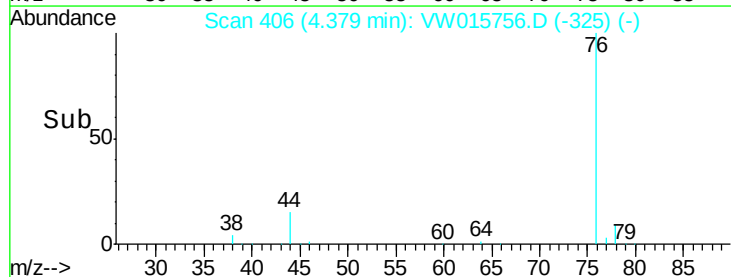
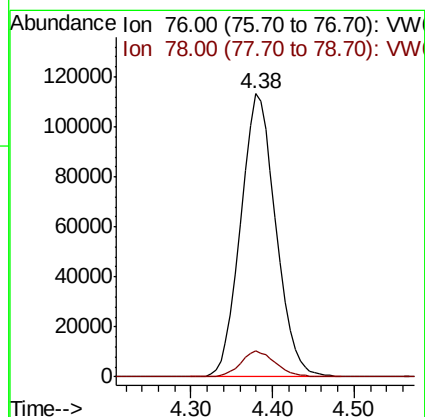
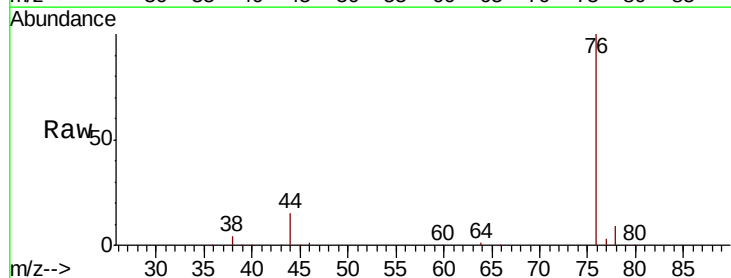
Acq: 29 Jun 2020 11:43

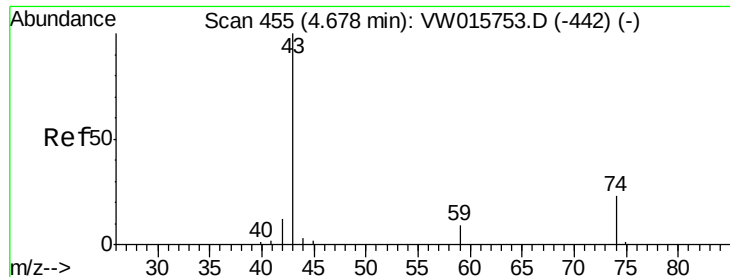
Tgt Ion: 76 Resp: 339323

Ion Ratio Lower Upper

76 100

78 9.1 6.9 10.3





#15

Methvl Acetate

Concen: 26.663 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

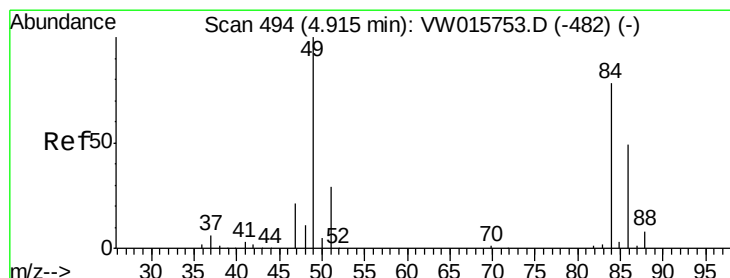
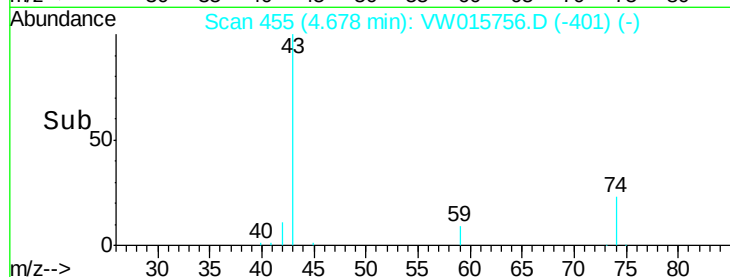
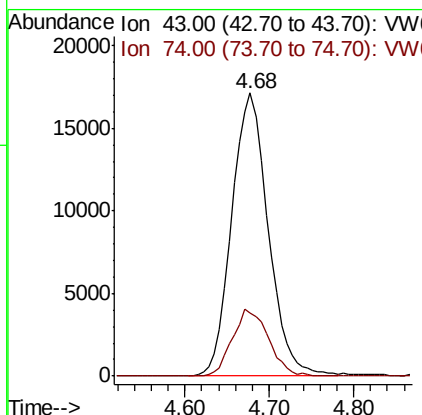
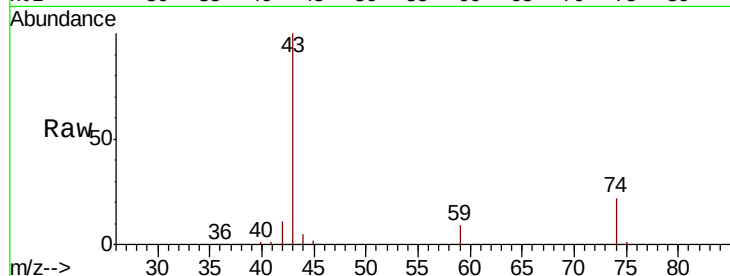
VICV03

Tot Ion: 43 Resp: 50462

Ion Ratio Lower Upper

43 100

74 23.2 18.4 27.6



#16

Methylene chloride

Concen: 22.188 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

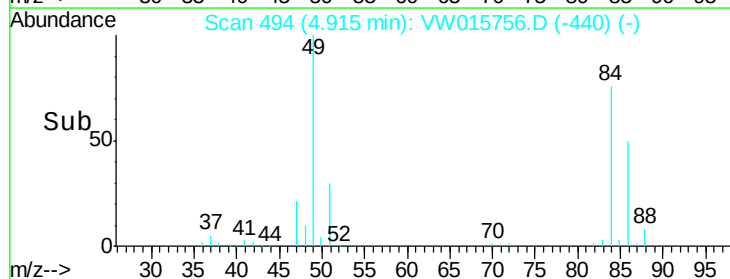
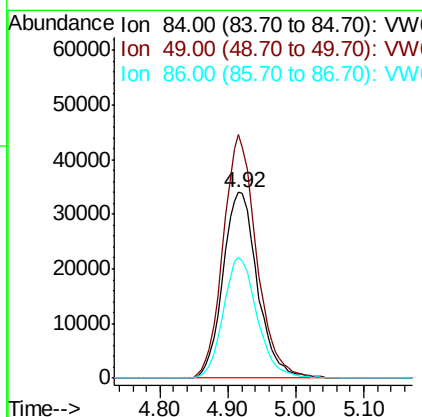
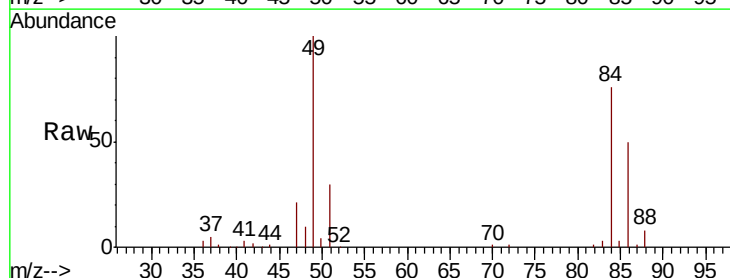
Tgt Ion: 84 Resp: 119796

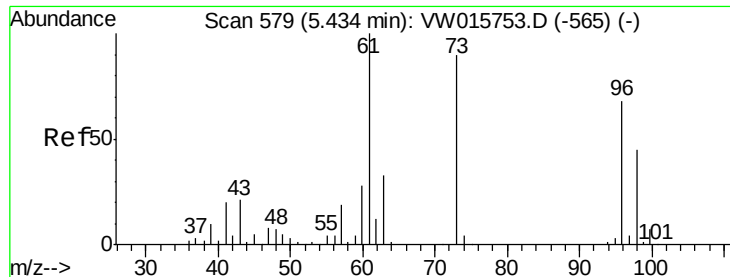
Ion Ratio Lower Upper

84 100

49 131.0 90.0 167.2

86 65.0 44.0 81.8

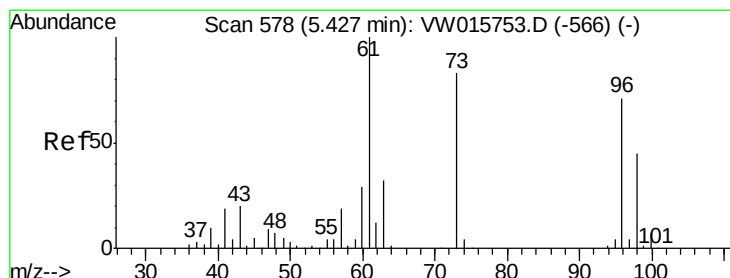
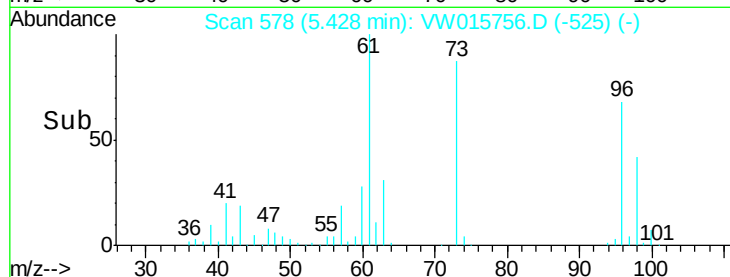
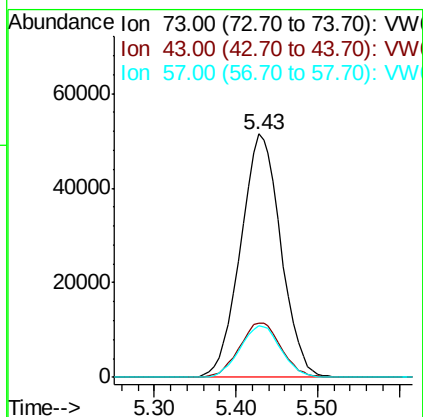
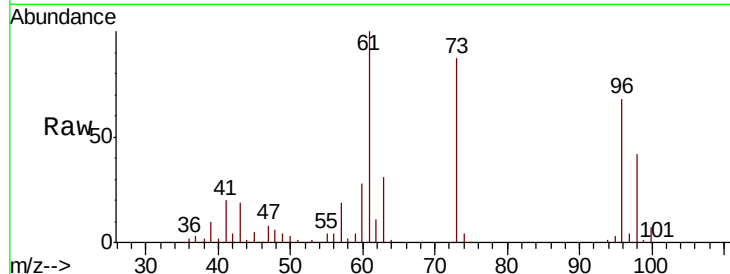




#17
Methyl tert-butyl Ether
Concen: 26.862 ug/L
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

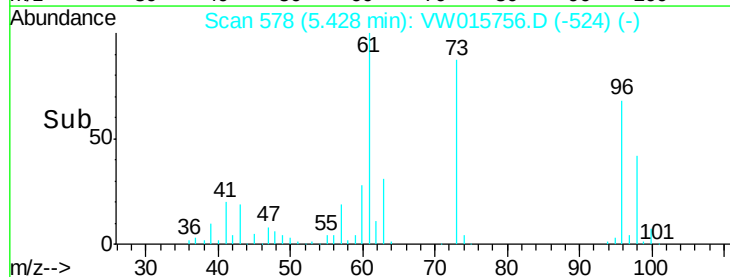
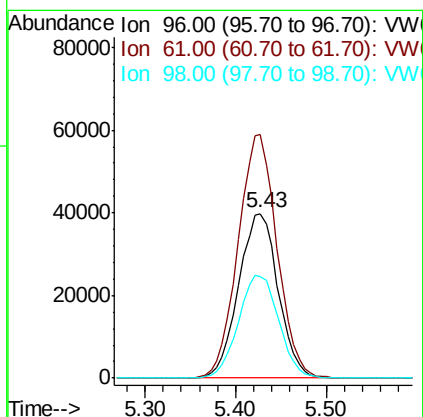
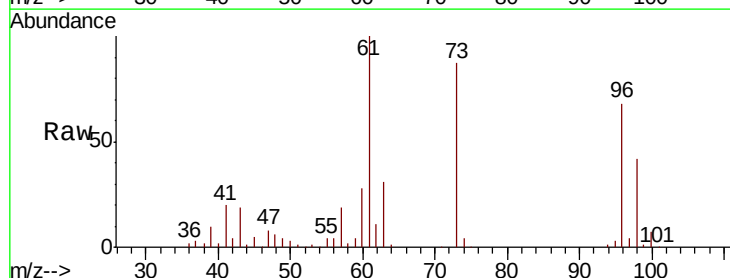
Instrument :
MSVOA_W
ClientSampled :
VICV03

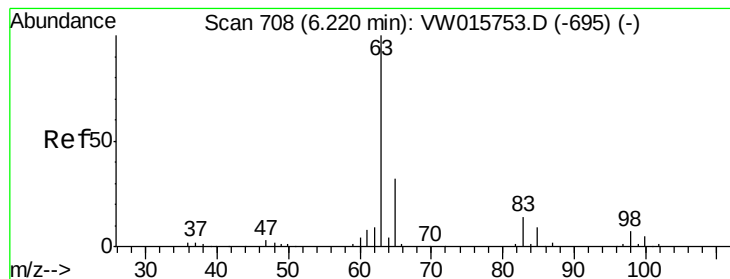
Tot Ion: 73 Resp: 176150
Ion Ratio Lower Upper
73 100
43 23.4 19.0 28.4
57 21.7 17.3 25.9



#18
trans-1,2-Dichloroethene
Concen: 26.230 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Tgt Ion: 96 Resp: 120510
Ion Ratio Lower Upper
96 100
61 148.1 98.5 182.9
98 62.0 44.4 82.4





#19

1,1-Dichloroethane

Concen: 26.180 ug/L

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

VICV03

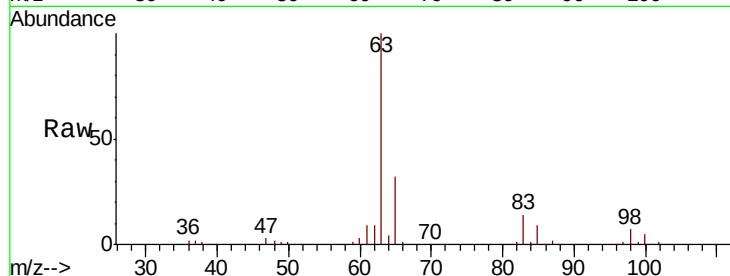
Tot Ion: 63 Resp: 216865

Ion Ratio Lower Upper

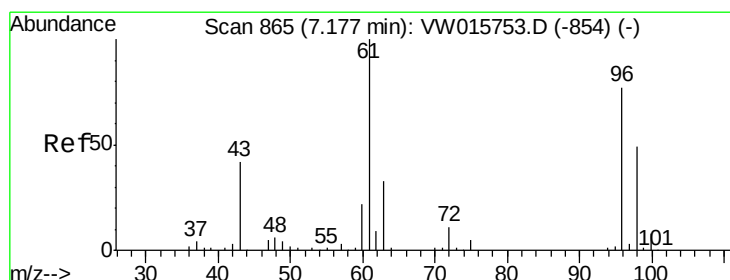
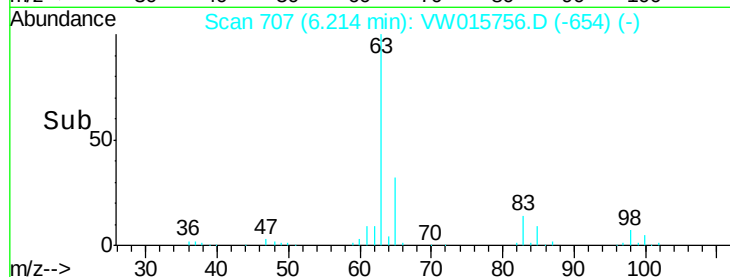
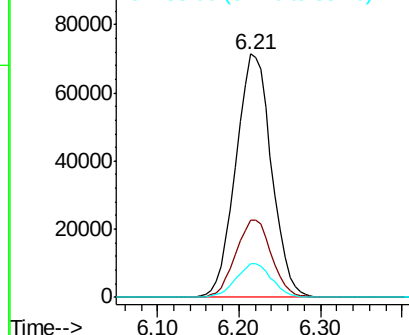
63 100

65 31.8 22.3 41.3

83 13.6 9.5 17.7



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: 49.998 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW015756.D

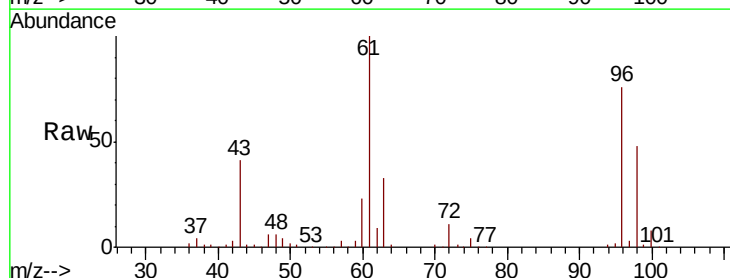
Acq: 29 Jun 2020 11:43

Tgt Ion: 43 Resp: 65296

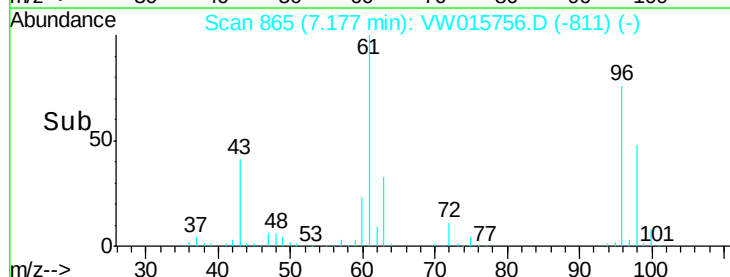
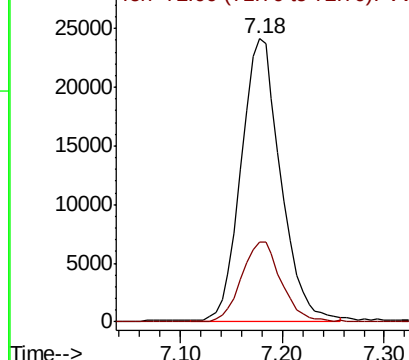
Ion Ratio Lower Upper

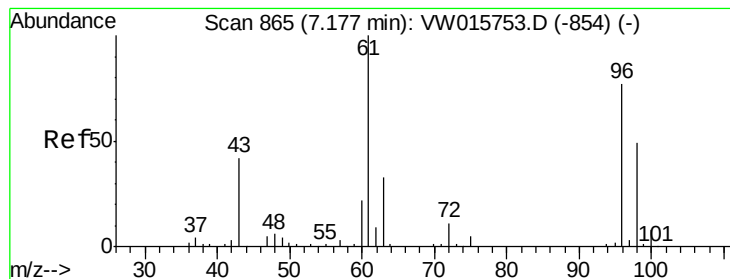
43 100

72 28.2 13.7 41.1



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



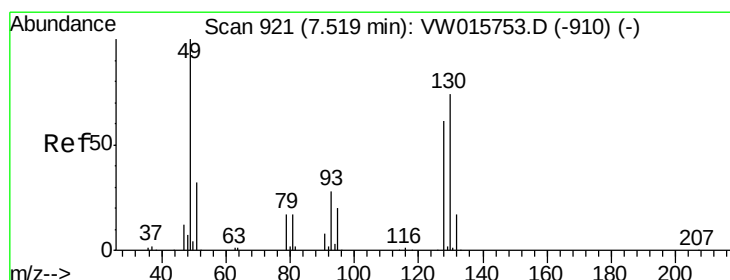
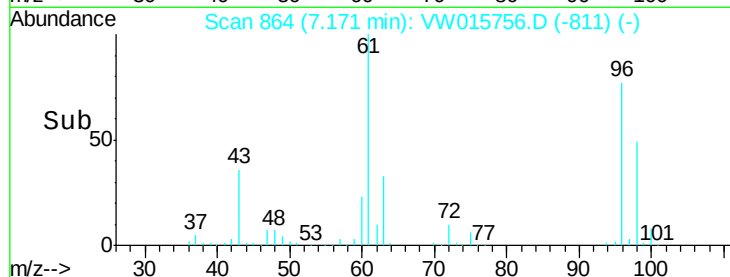
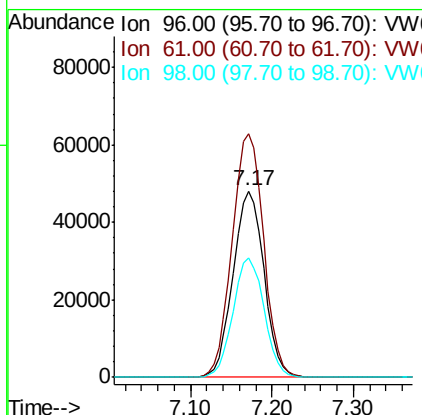
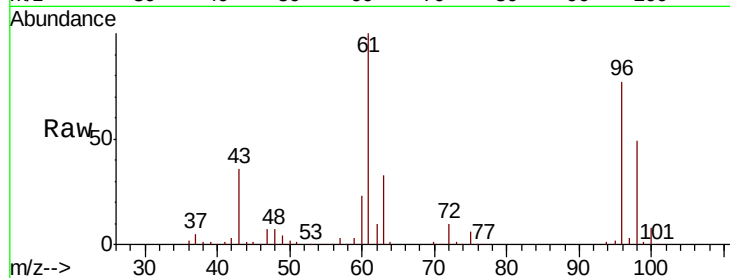


#22

cis-1,2-Dichloroethene
Concen: 26.590 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Instrument :
MSVOA_W
ClientSampled :
VICV03

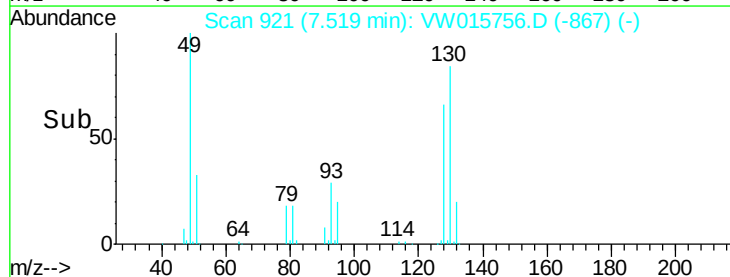
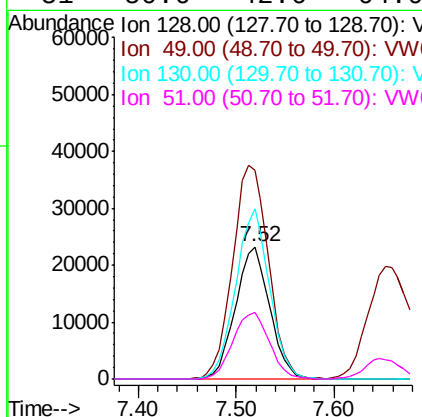
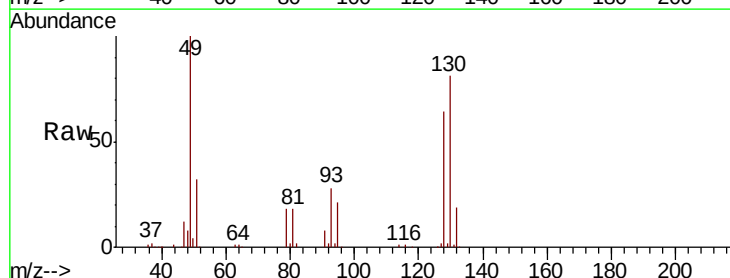
Tot Ion: 96 Resp: 126285
Ion Ratio Lower Upper
96 100
61 130.6 90.8 168.6
98 64.1 44.1 81.9

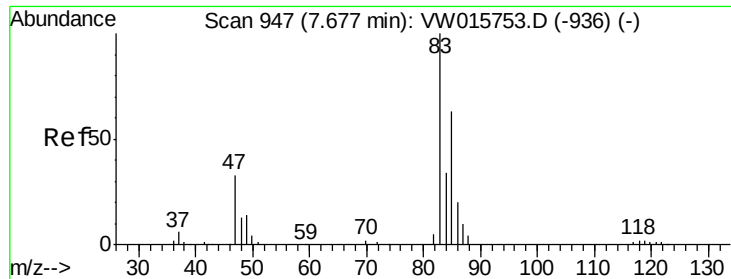


#23

Bromochloromethane
Concen: 26.971 ug/L
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Tgt Ion:128 Resp: 56421
Ion Ratio Lower Upper
128 100
49 157.4 115.0 213.6
130 128.1 85.1 158.1
51 50.6 42.6 64.0

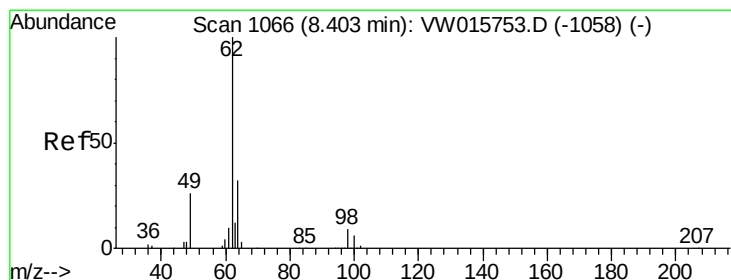
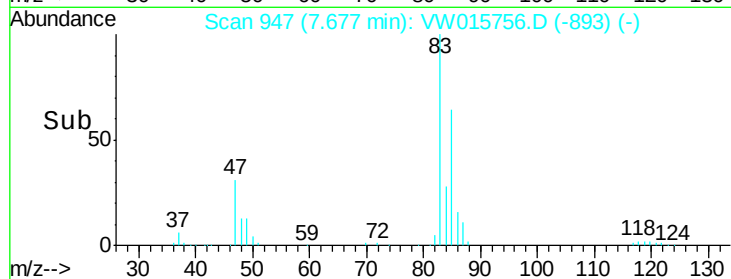
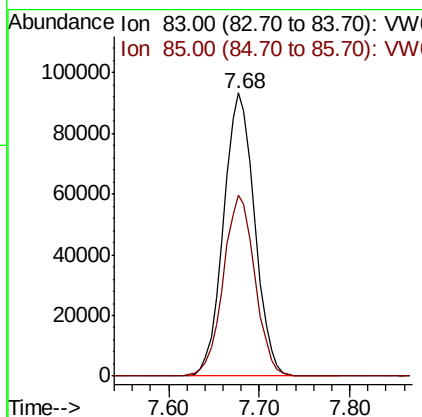
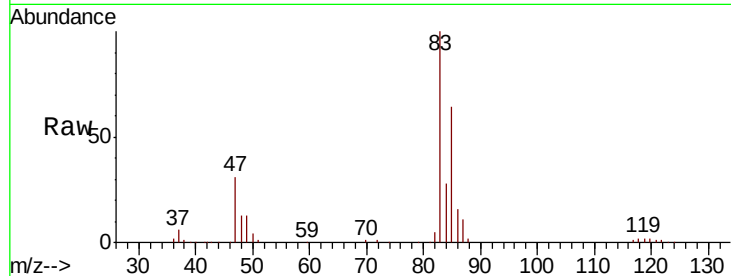




#25
Chloroform
Concen: 26.517 ug/L
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

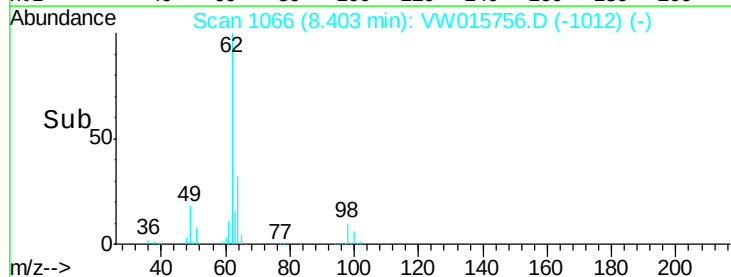
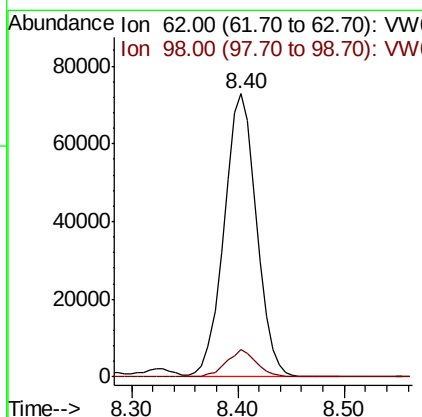
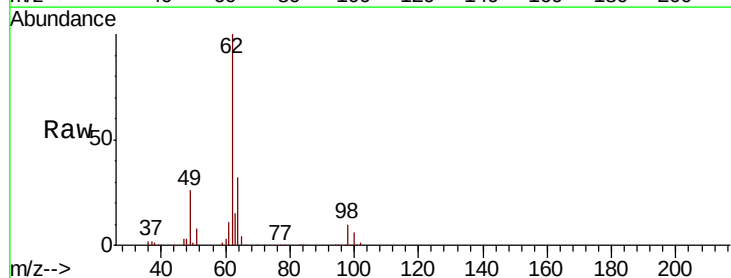
Instrument :
MSVOA_W
ClientSampleId :
VICV03

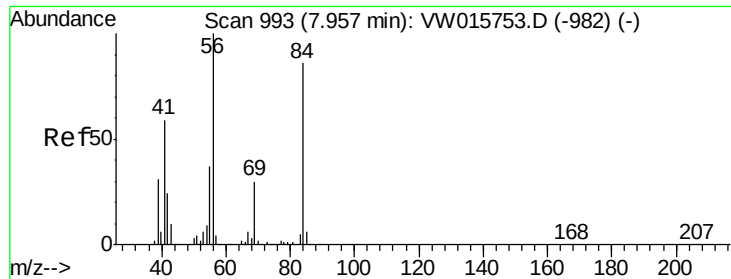
Tot Ion: 83 Resp: 221871
Ion Ratio Lower Upper
83 100
85 65.0 45.7 84.9



#27
1,2-Dichloroethane
Concen: 26.823 ug/L
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Tgt Ion: 62 Resp: 155185
Ion Ratio Lower Upper
62 100
98 9.6 7.0 10.4

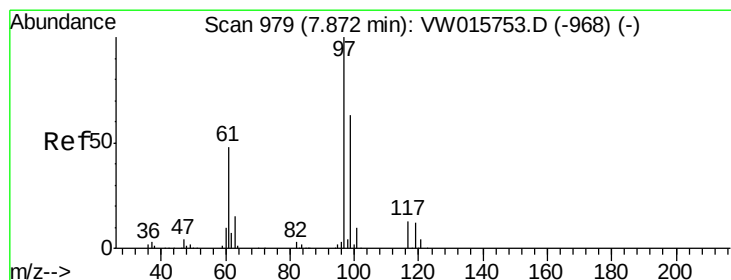
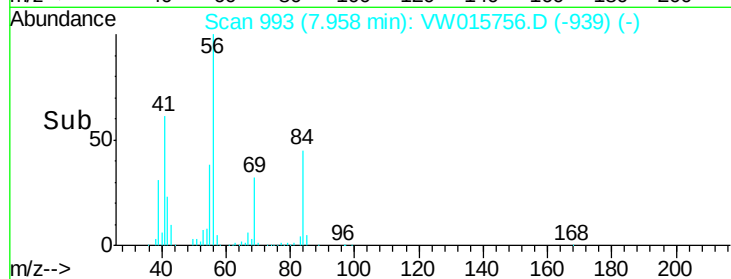
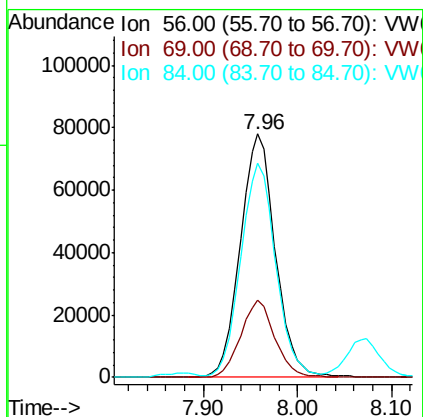
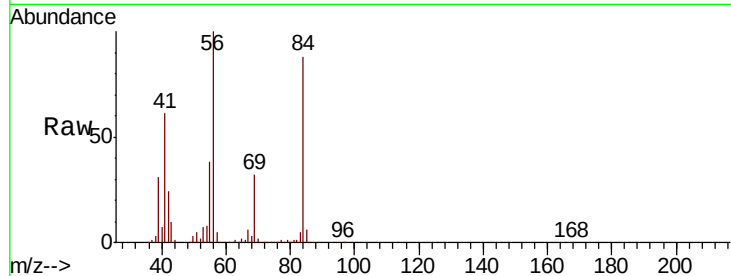




#30
Cyclohexane
Concen: 26.395 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

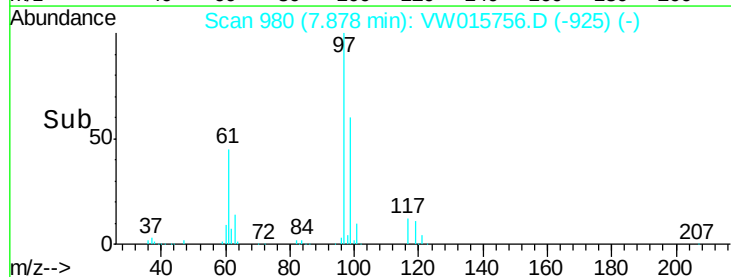
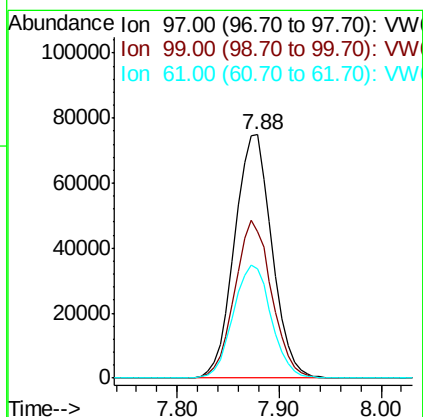
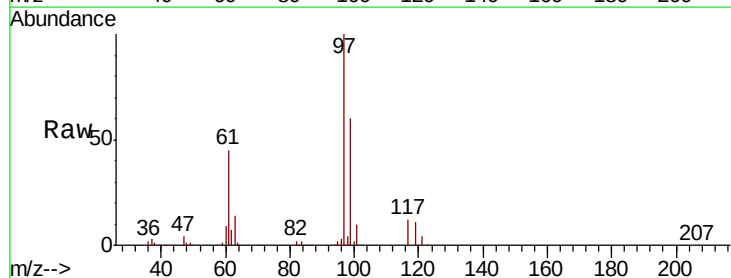
Instrument :
MSVOA_W
ClientSampleId :
VICV03

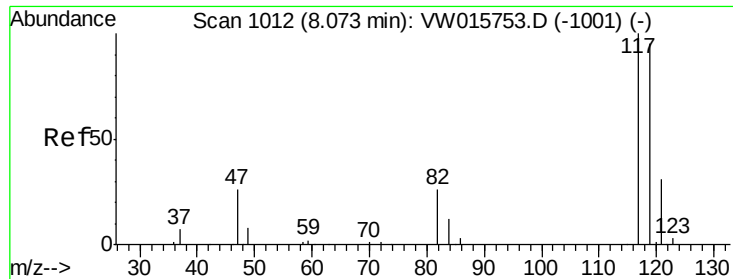
Tot Ion: 56 Resp: 202528
Ion Ratio Lower Upper
56 100
69 31.2 24.6 37.0
84 88.5 71.1 106.7



#31
1,1,1-Trichloroethane
Concen: 25.913 ug/L
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Tgt Ion: 97 Resp: 190811
Ion Ratio Lower Upper
97 100
99 64.1 50.5 75.7
61 47.2 37.9 56.9





#32

Carbon tetrachloride

Concen: 25.917 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

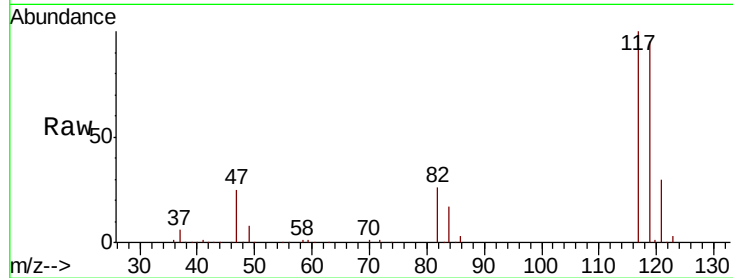
VICV03

Tot Ion:117 Resp: 172483

Ion Ratio Lower Upper

117 100

119 95.9 77.0 115.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

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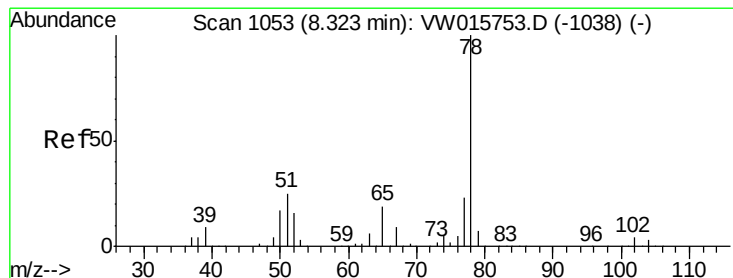
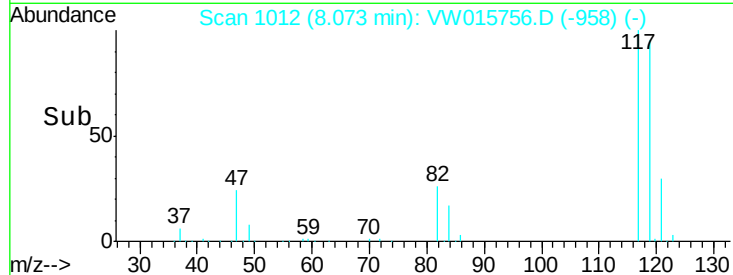
8.07

8.07

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8.07



#34

Benzene

Concen: 26.045 ug/L

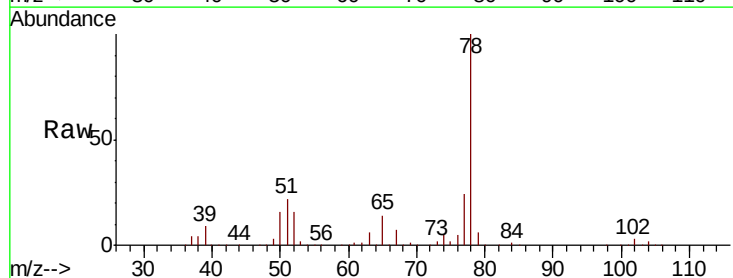
RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Tgt Ion: 78 Resp: 486643



Abundance Ion 78.00 (77.70 to 78.70): VW

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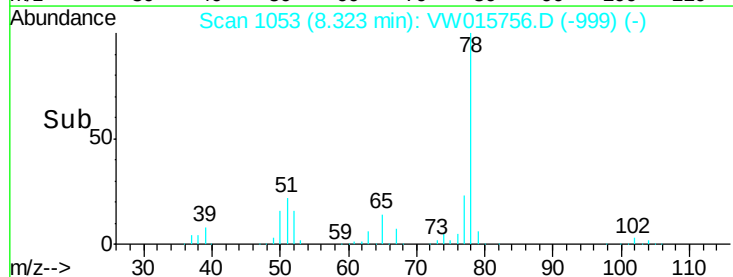
8.32

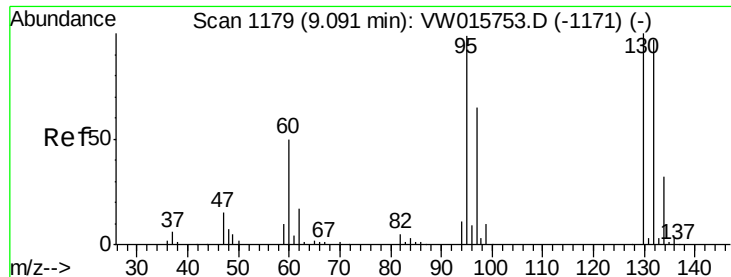
8.32

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8.32

8.32

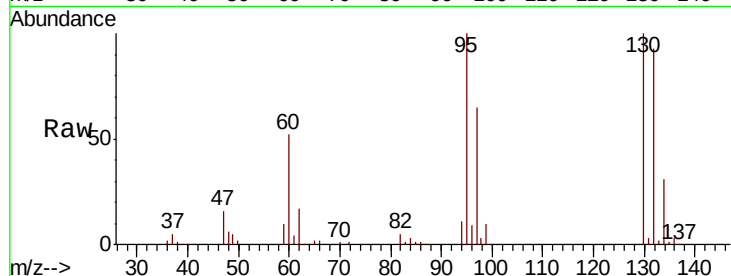




#35
 Trichloroethene
 Concen: 25.582 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. 0.00 min
 Lab File: VW015756.D
 Acq: 29 Jun 2020 11:43

Instrument :
 MSVOA_W
 ClientSampled :
 VICV03

Tot Ion:	95	Resp:	127462
Ion	Ratio	Lower	Upper
95	100		
97	65.6	44.9	83.3
132	96.0	67.8	126.0
130	100.9	70.1	130.1



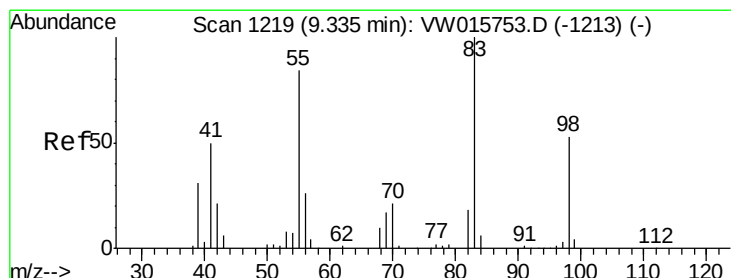
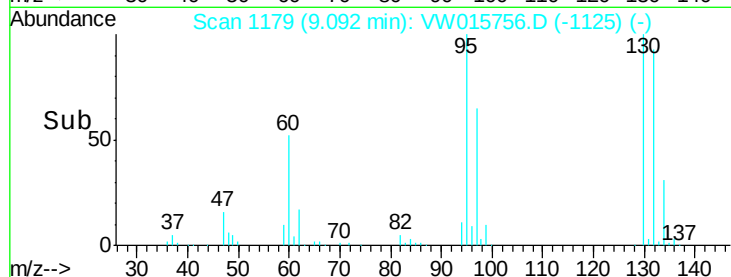
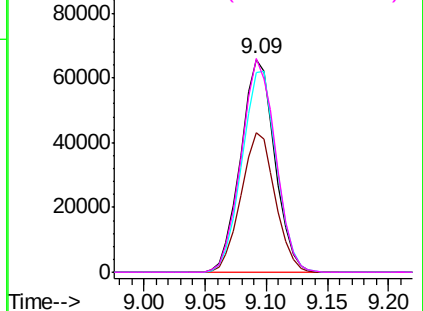
Abundance

Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

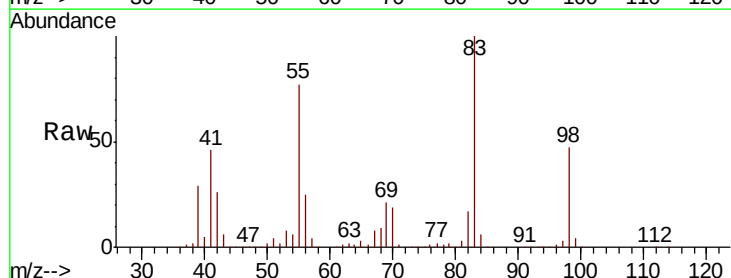
Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#36
 Methylcyclohexane
 Concen: 26.556 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW015756.D
 Acq: 29 Jun 2020 11:43

Tgt Ion:	83	Resp:	228217
Ion	Ratio	Lower	Upper
83	100		
55	77.5	62.7	94.1
98	49.0	39.4	59.2

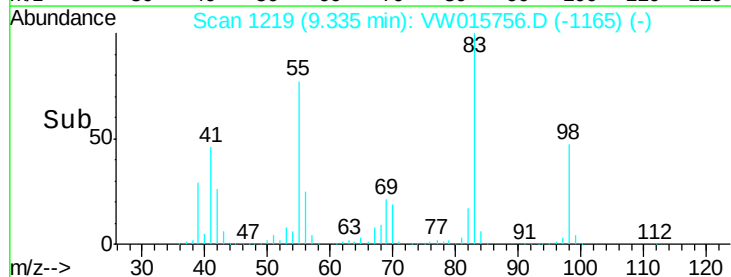
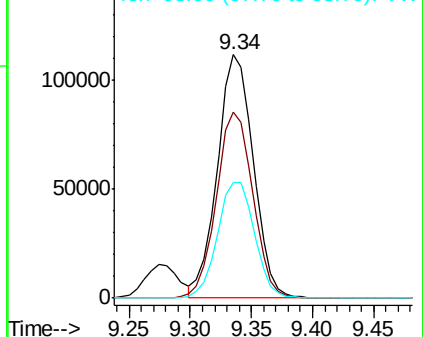


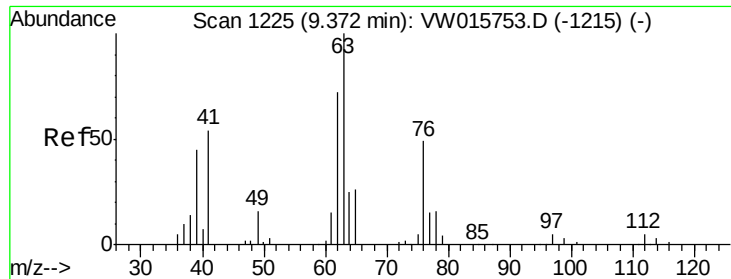
Abundance

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

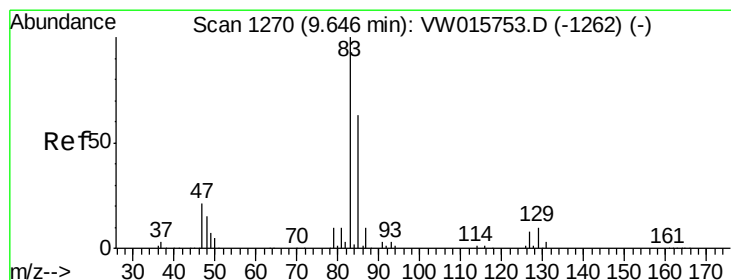
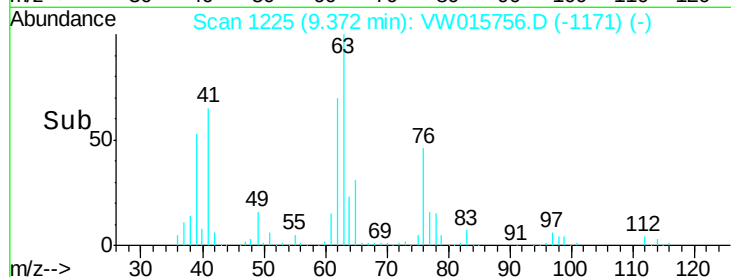
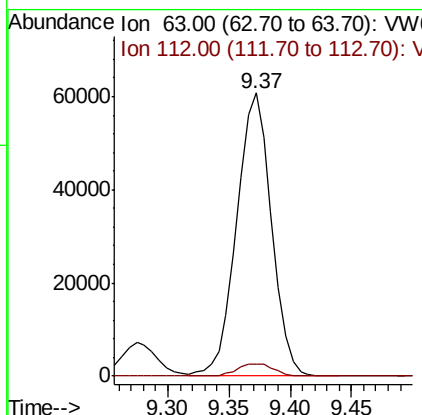
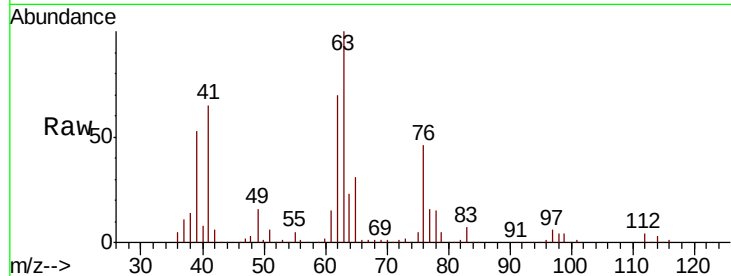




#40
 1,2-Dichloropropane
 Concen: 26.379 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW015756.D
 Acq: 29 Jun 2020 11:43

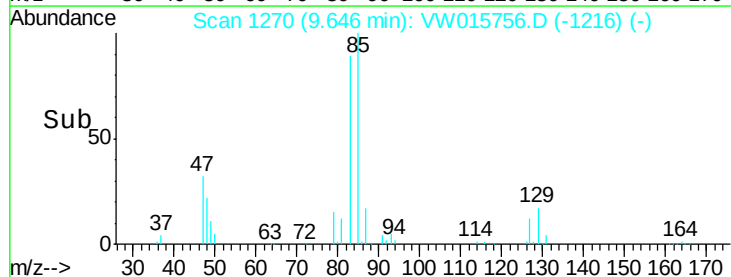
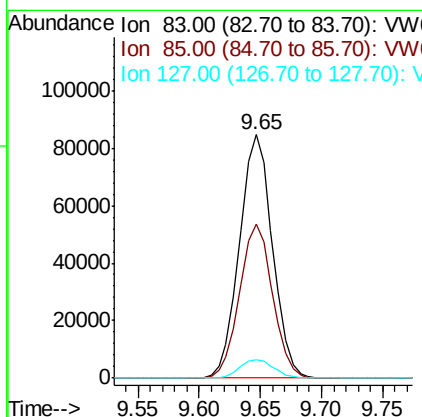
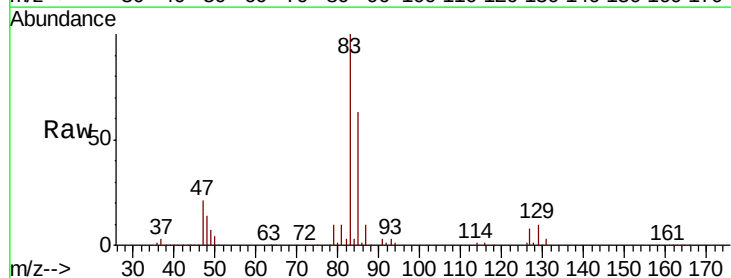
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

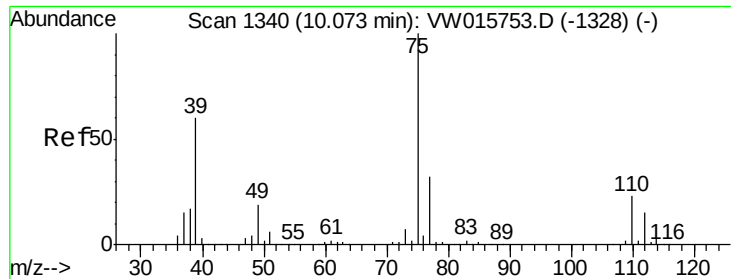
Tot Ion: 63 Resp: 119959
 Ion Ratio Lower Upper
 63 100
 112 4.5 4.0 6.0



#41
 Bromodichloromethane
 Concen: 26.840 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW015756.D
 Acq: 29 Jun 2020 11:43

Tgt Ion: 83 Resp: 158586
 Ion Ratio Lower Upper
 83 100
 85 63.2 44.1 81.9
 127 7.6 6.6 10.0

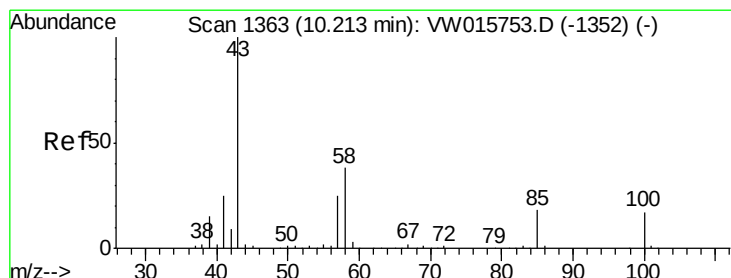
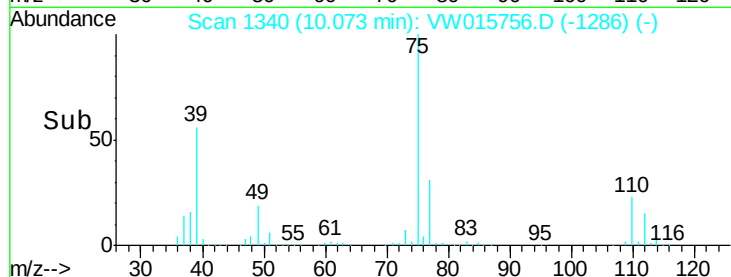
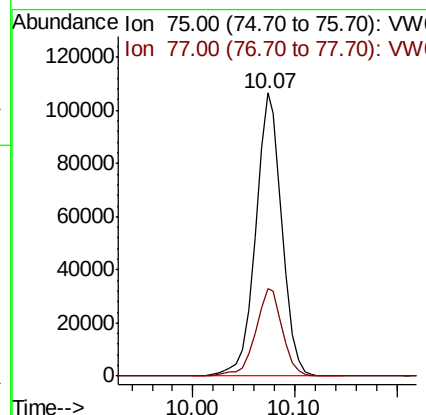
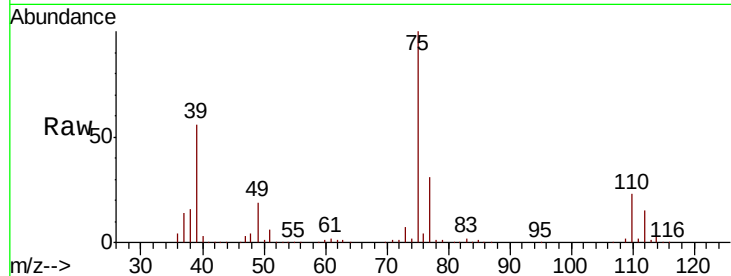




#42
 cis-1,3-Dichloropropene
 Concen: 26.911 ug/L
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW015756.D
 Acq: 29 Jun 2020 11:43

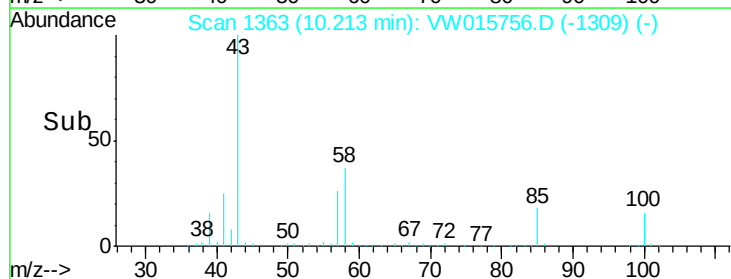
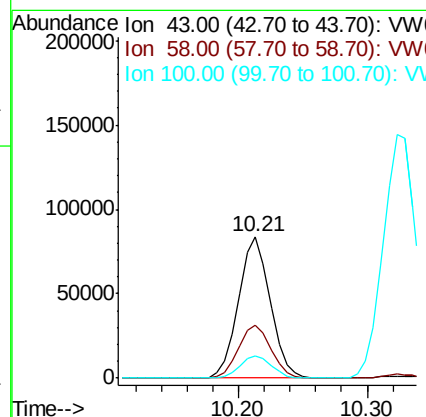
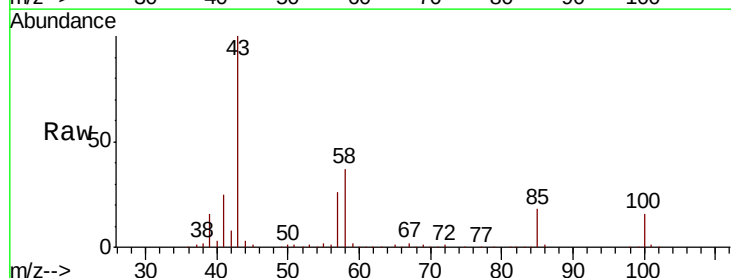
Instrument :
 MSVOA_W
 ClientSampled :
 VICV03

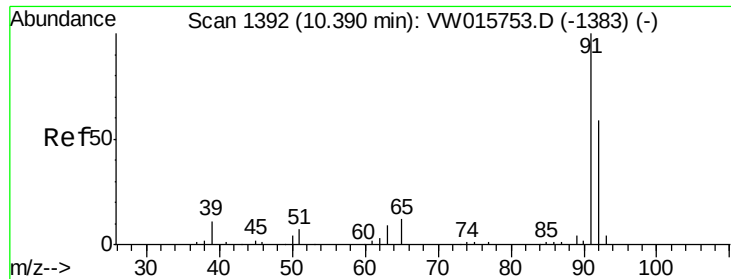
Tot Ion: 75 Resp: 191037
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.2 41.2



#43
 4-Methyl-2-pentanone
 Concen: 53.900 ug/L
 RT: 10.21 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VW015756.D
 Acq: 29 Jun 2020 11:43

Tgt Ion: 43 Resp: 143010
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.3 45.5
 100 15.9 12.8 19.2





#44

Toluene

Concen: 26.339 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

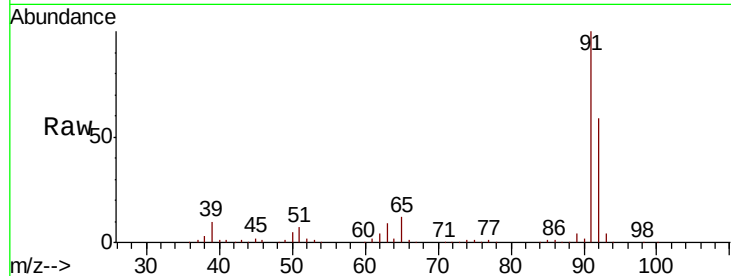
VICV03

Tot Ion: 91 Resp: 534663

Ion Ratio Lower Upper

91 100

92 58.6 41.3 76.7



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

10.39

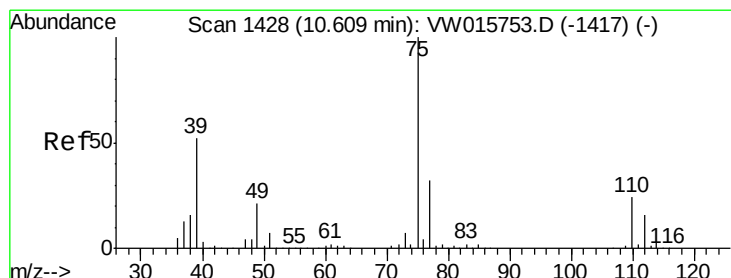
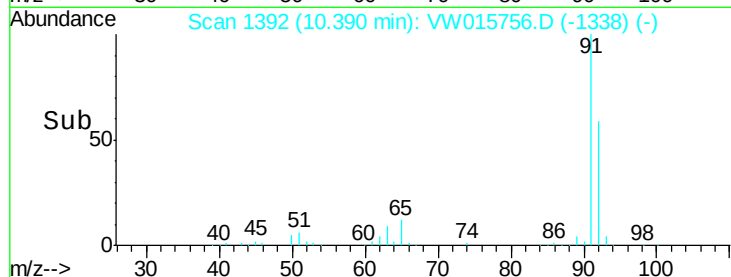
300000

200000

100000

0

Time-->



#45

trans-1,3-Dichloropropene

Concen: 27.062 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW015756.D

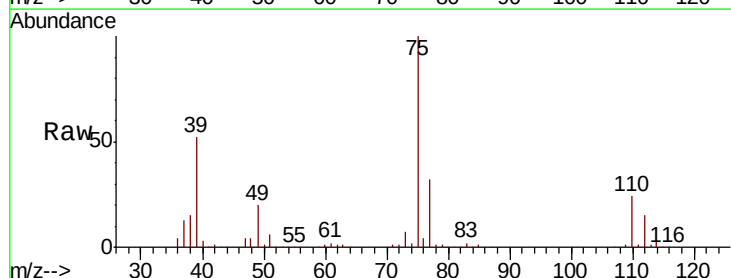
Acq: 29 Jun 2020 11:43

Tgt Ion: 75 Resp: 167206

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

10.61

100000

80000

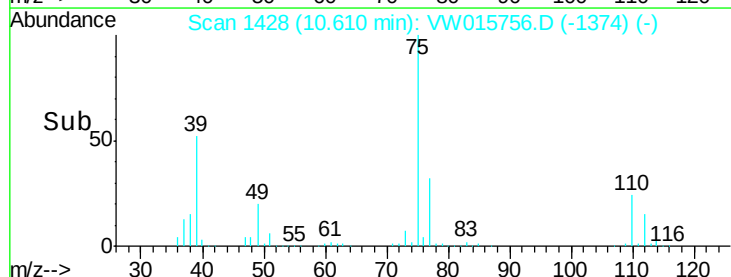
60000

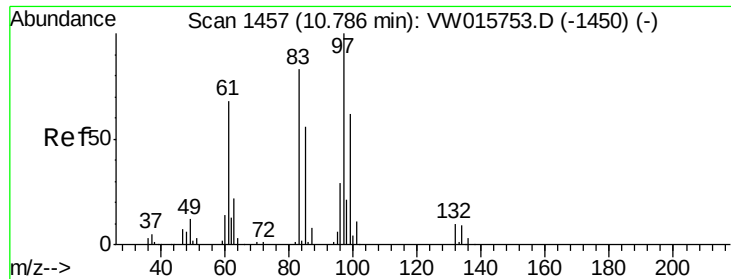
40000

20000

0

Time-->

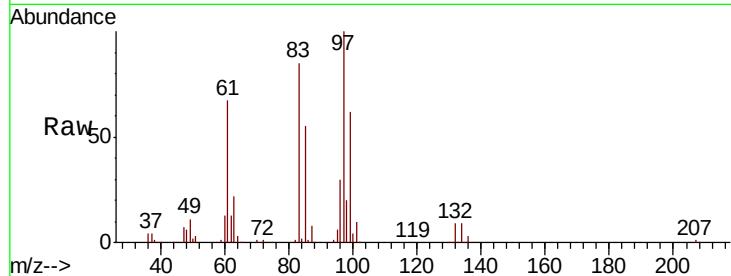




#46
1,1,2-Trichloroethane
Concen: 26.889 ug/L
RT: 10.79 min Scan# 1457
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VICV03

Tot Ion:	97	Resp:	88275
Ion	Ratio	Lower	Upper
97	100		
83	85.1	58.4	108.4
85	54.9	39.2	72.8
99	61.6	43.5	80.7



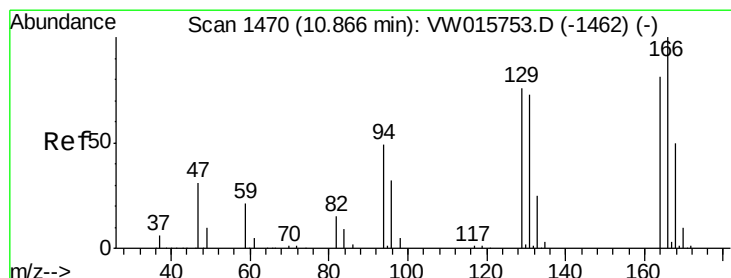
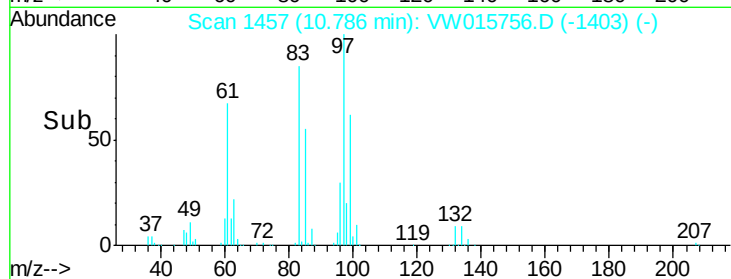
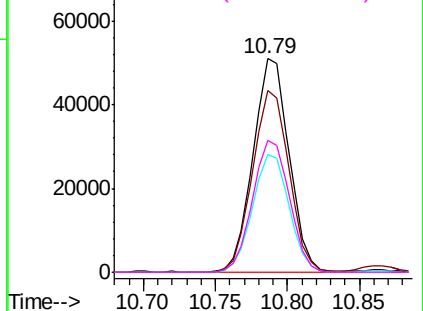
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

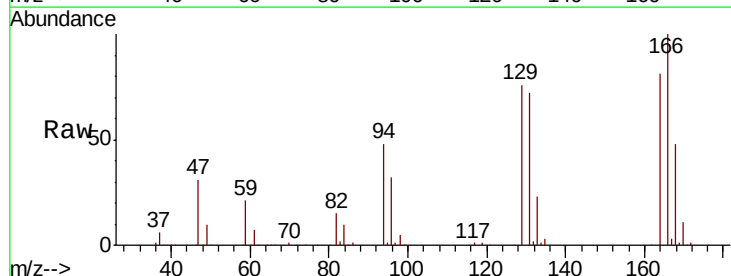
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
Tetrachloroethene
Concen: 25.559 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Tgt Ion:	164	Resp:	102332
Ion	Ratio	Lower	Upper
164	100		
129	93.3	66.1	122.8
131	88.6	63.6	118.0
166	123.1	86.9	161.3



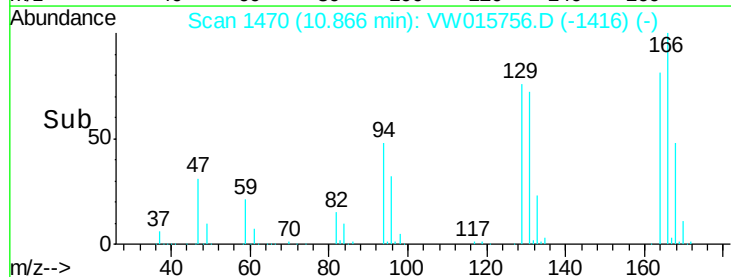
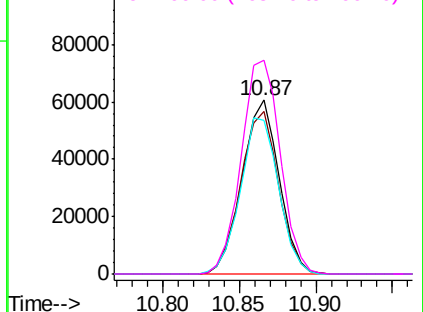
Abundance

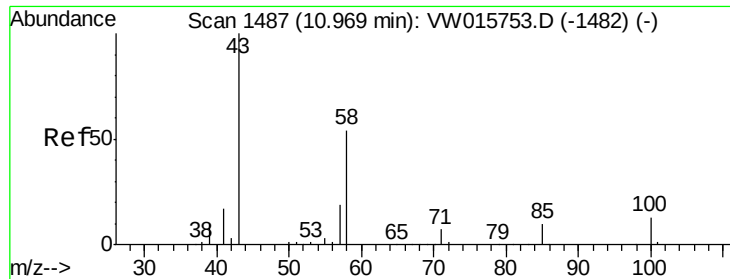
Ion 164.00 (163.70 to 164.70): V

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

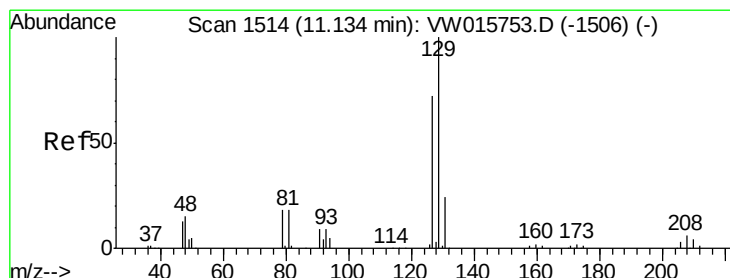
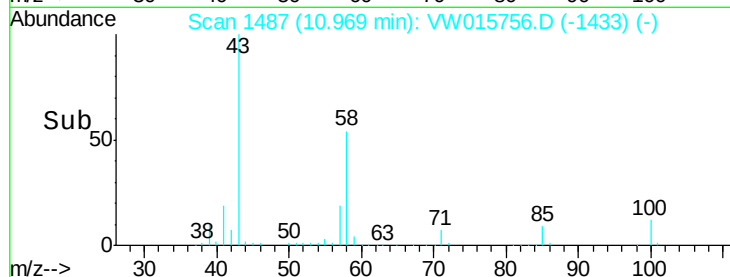
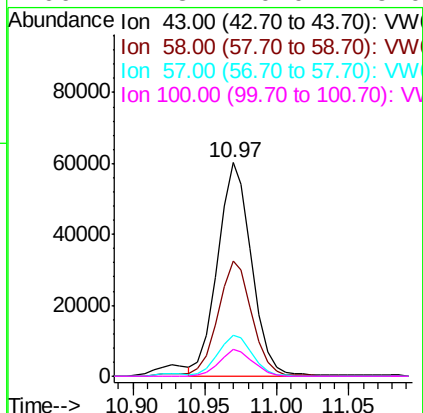
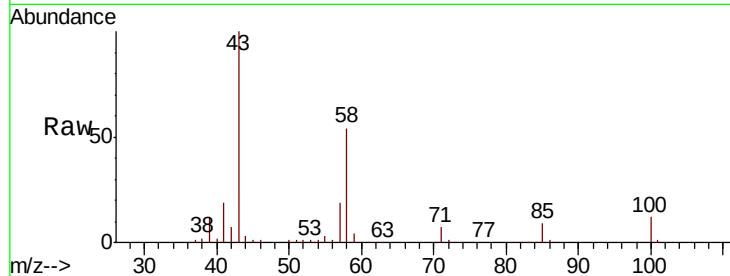




#49
2-Hexanone
Concen: 53.316 ug/L
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

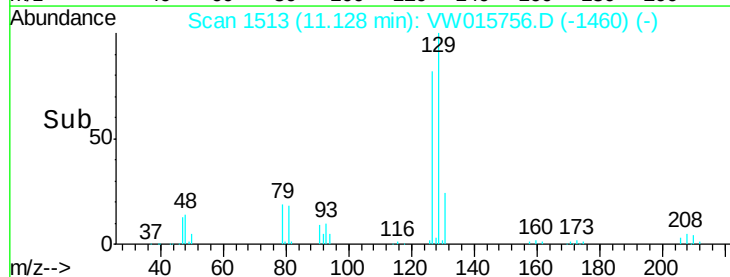
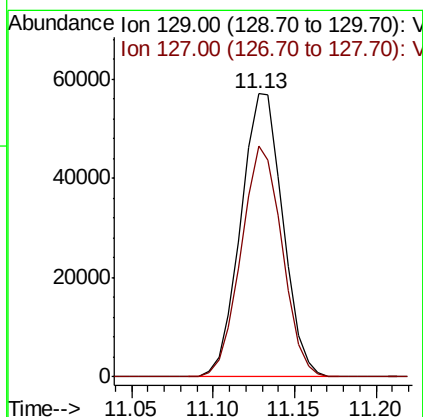
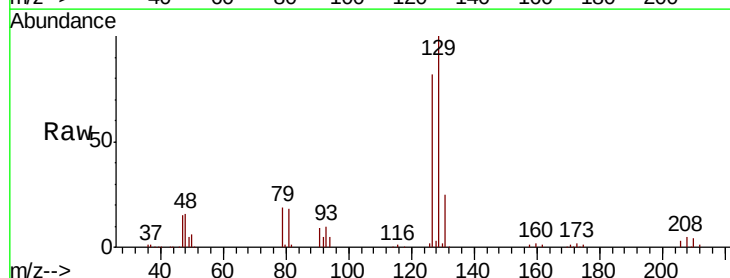
Instrument :
MSVOA_W
ClientSampleId :
VICV03

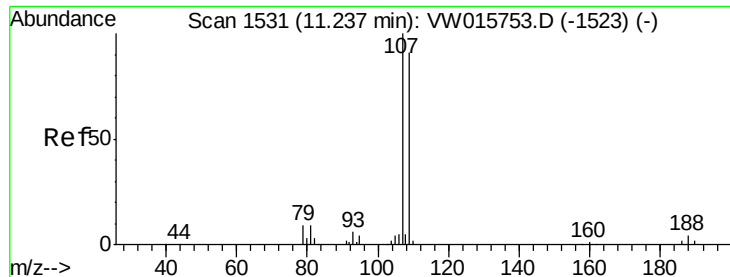
Tot Ion: 43 Resp: 99648
Ion Ratio Lower Upper
43 100
58 54.1 43.5 65.3
57 19.4 15.4 23.0
100 12.3 10.0 15.0



#50
Dibromochloromethane
Concen: 26.645 ug/L
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Tgt Ion: 129 Resp: 102394
Ion Ratio Lower Upper
129 100
127 81.7 50.7 94.1

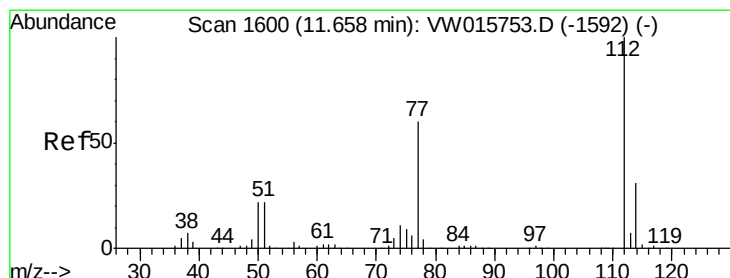
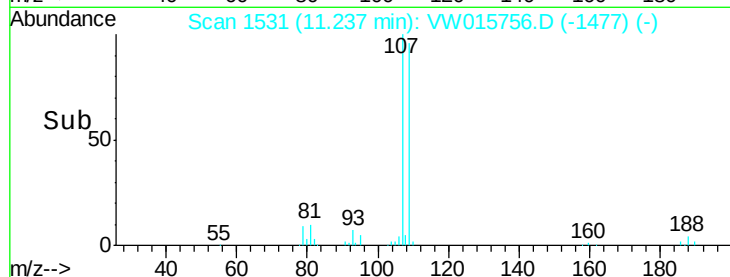
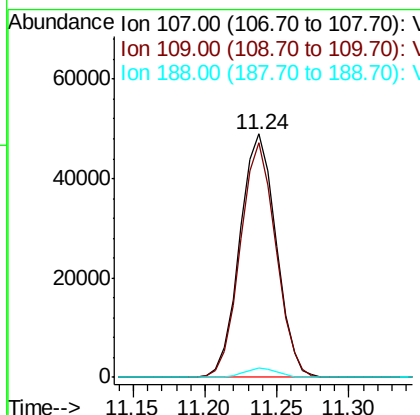
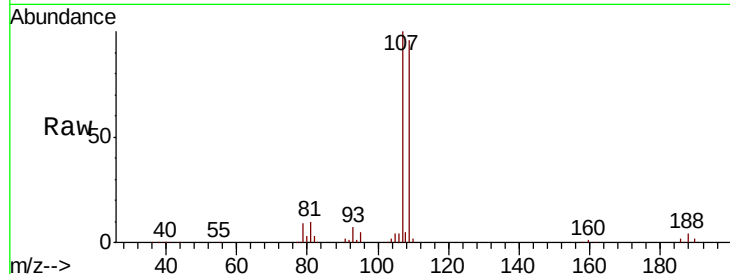




#51
1,2-Dibromoethane
Concen: 26.977 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

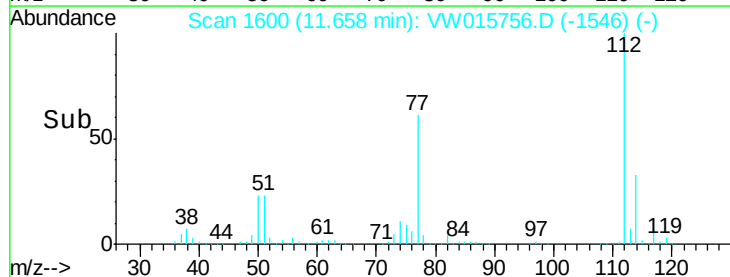
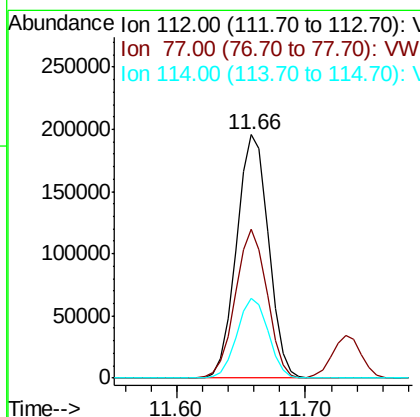
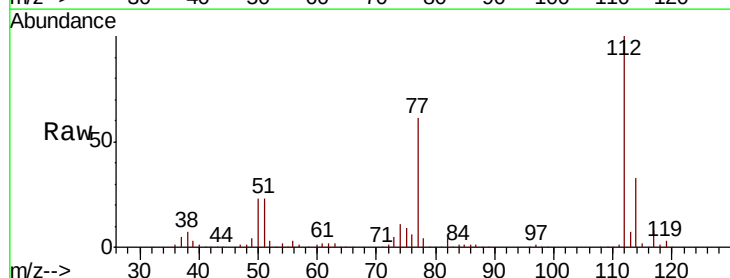
Instrument :
MSVOA_W
ClientSampleId :
VICV03

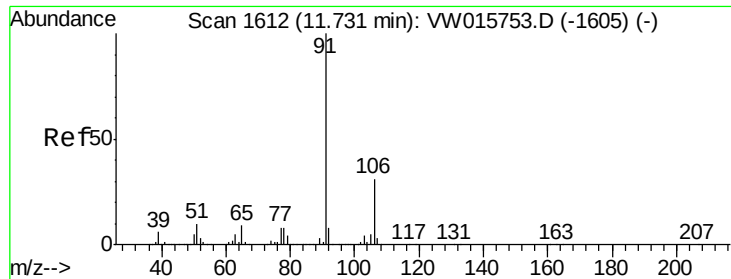
Tot Ion:107 Resp: 85847
Ion Ratio Lower Upper
107 100
109 96.2 64.0 118.8
188 3.9 3.1 4.7



#52
Chlorobenzene
Concen: 26.333 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Tgt Ion:112 Resp: 335988
Ion Ratio Lower Upper
112 100
77 61.1 48.4 72.6
114 32.9 21.8 40.4

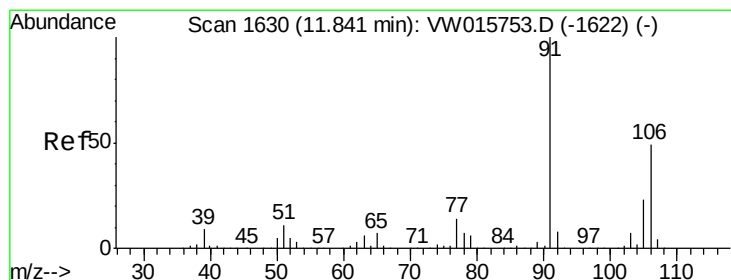
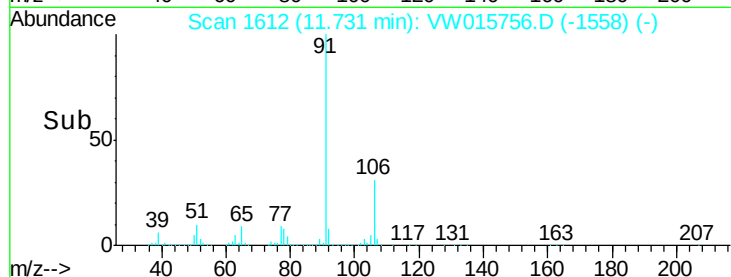
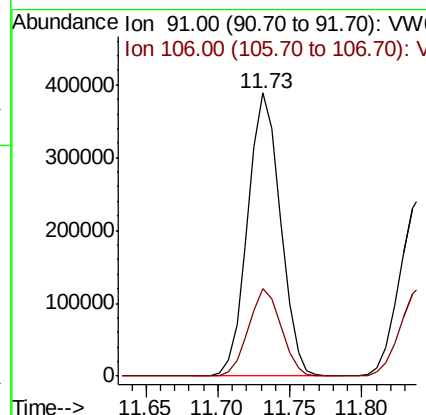
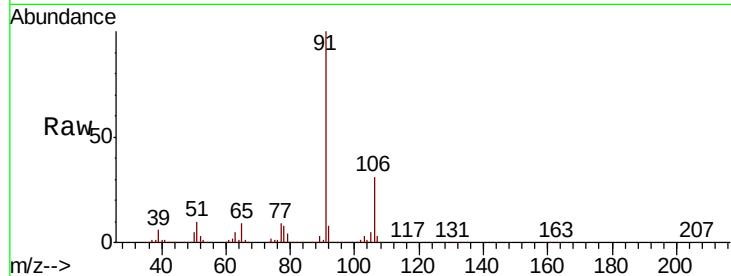




#53
Ethylbenzene
Concen: 26.681 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

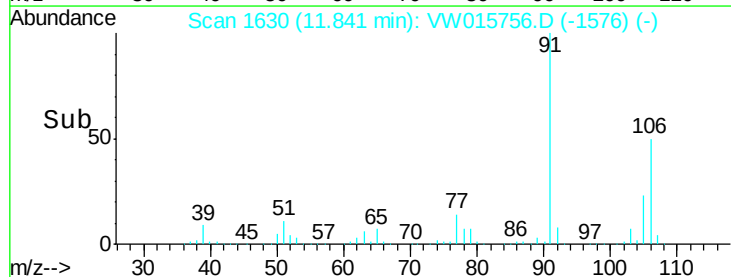
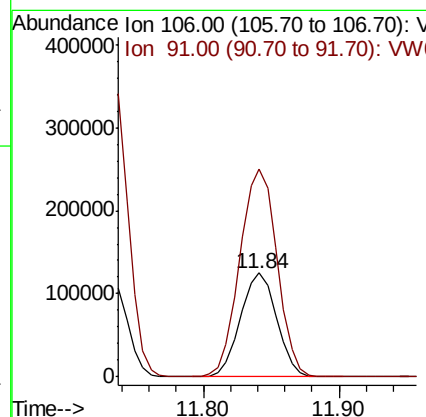
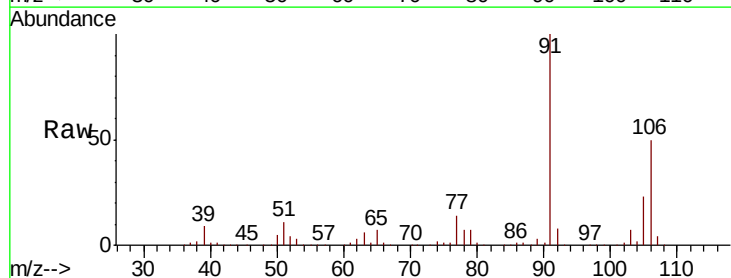
Instrument :
MSVOA_W
ClientSampled :
VICV03

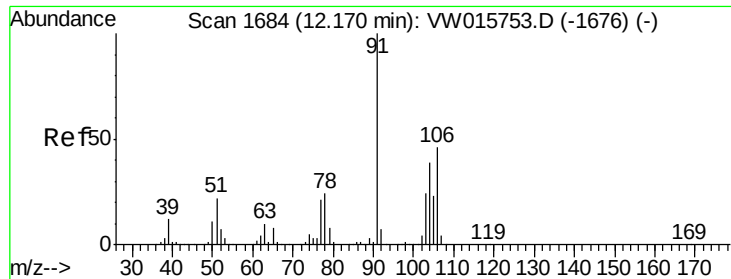
Tot Ion: 91 Resp: 612360
Ion Ratio Lower Upper
91 100
106 31.0 21.4 39.8



#54
m,p-Xylene
Concen: 27.237 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Tgt Ion: 106 Resp: 233651
Ion Ratio Lower Upper
106 100
91 200.1 141.5 262.9

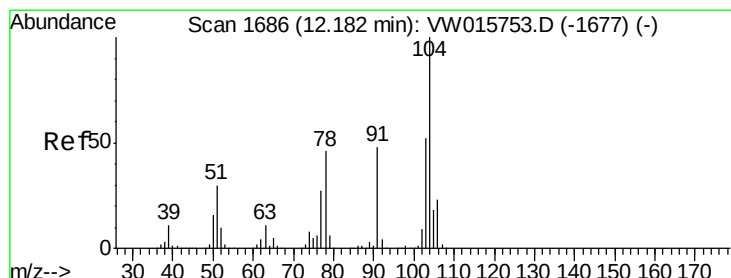
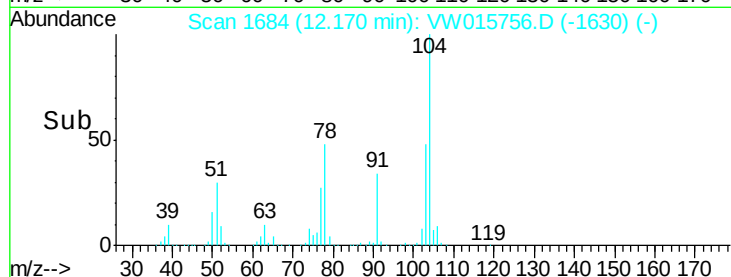
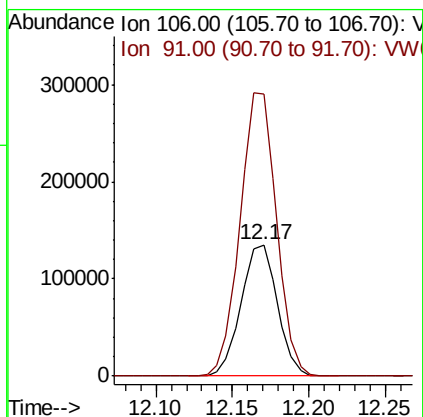
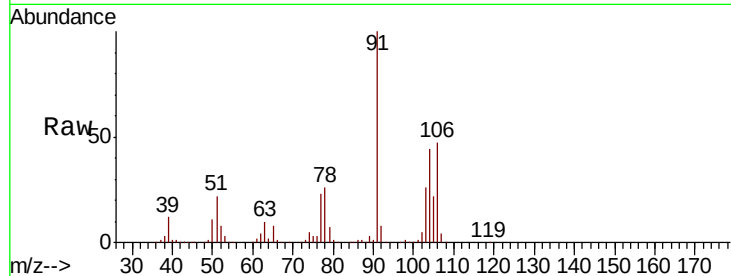




#55
o-xylene
Concen: 27.157 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

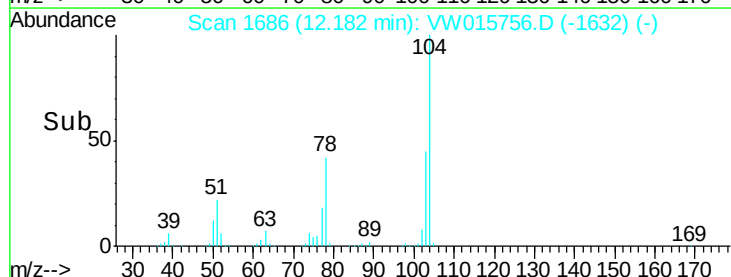
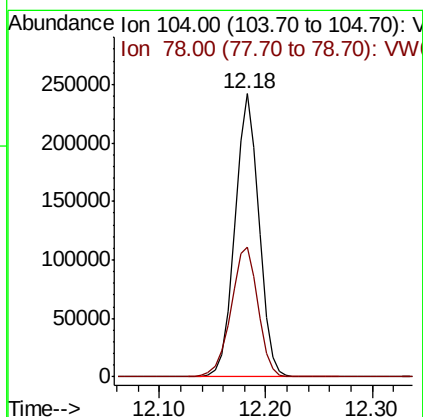
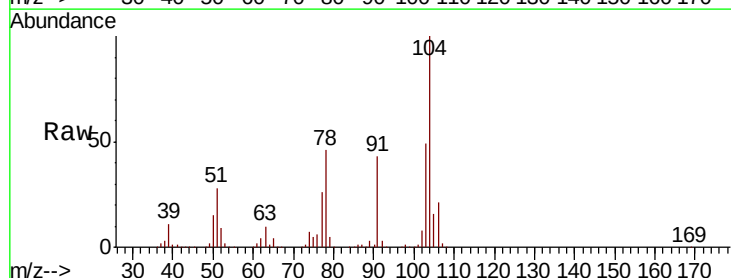
Instrument :
MSVOA_W
ClientSampled :
VICV03

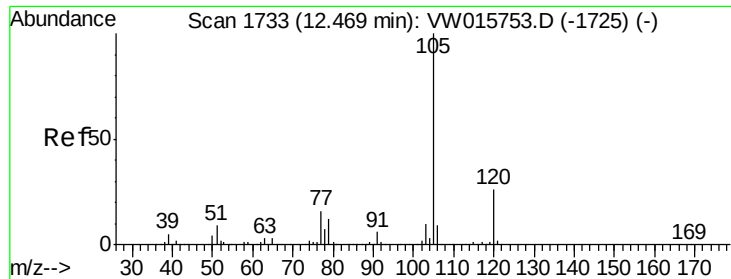
Tot Ion:106 Resp: 222649
Ion Ratio Lower Upper
106 100
91 214.4 151.3 280.9



#56
Styrene
Concen: 27.539 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Tgt Ion:104 Resp: 383263
Ion Ratio Lower Upper
104 100
78 46.0 32.4 60.2





#57

Isopropylbenzene

Concen: 27.144 ug/L

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

VICV03

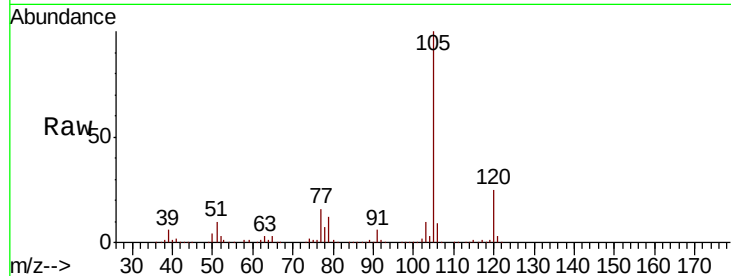
Tot Ion:105 Resp: 614710

Ion Ratio Lower Upper

105 100

120 25.7 21.0 31.6

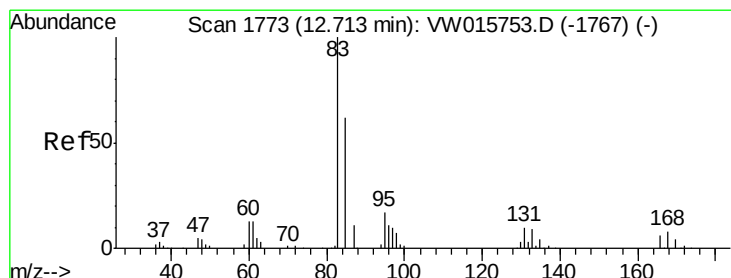
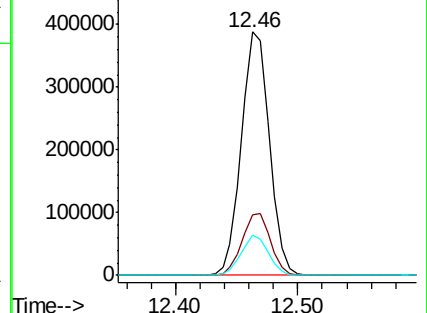
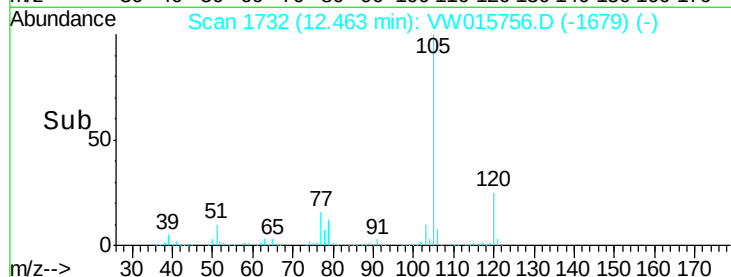
77 16.1 12.9 19.3



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: 27.145 ug/L

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

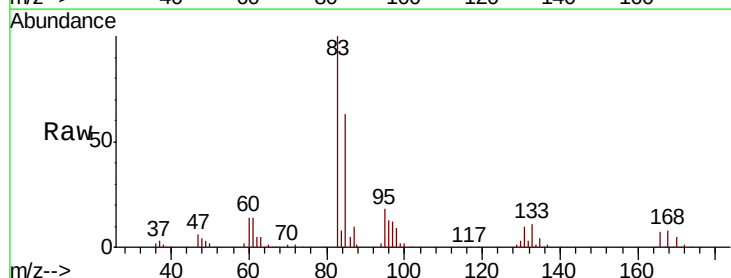
Tgt Ion: 83 Resp: 106044

Ion Ratio Lower Upper

83 100

85 63.1 43.5 80.9

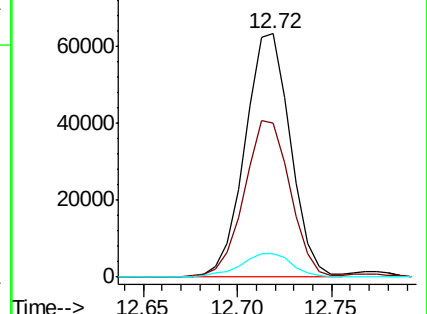
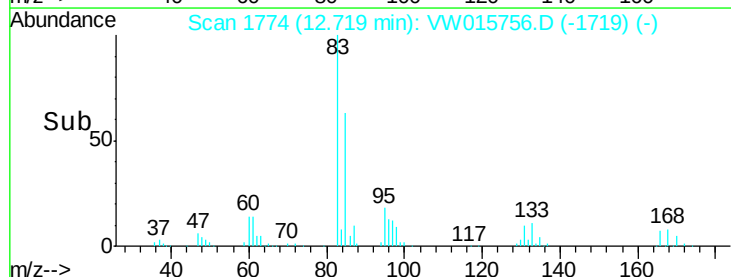
131 9.6 8.2 12.4

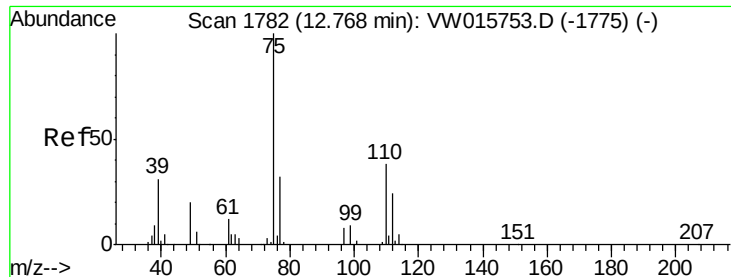


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 27.020 ug/L

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampleId :

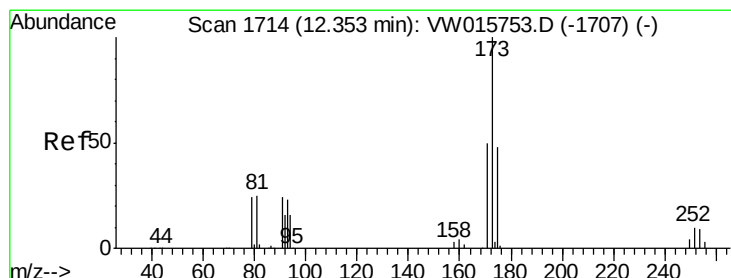
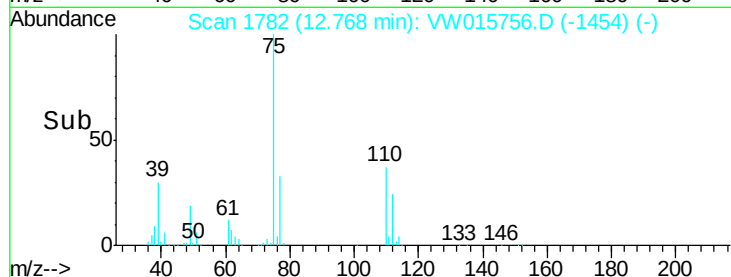
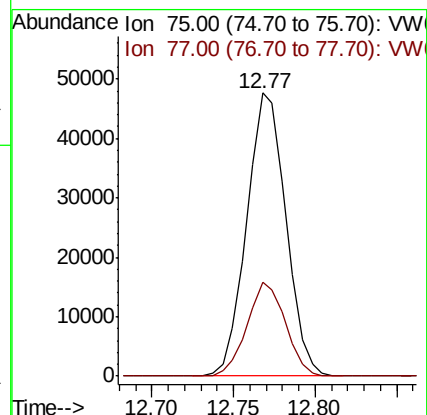
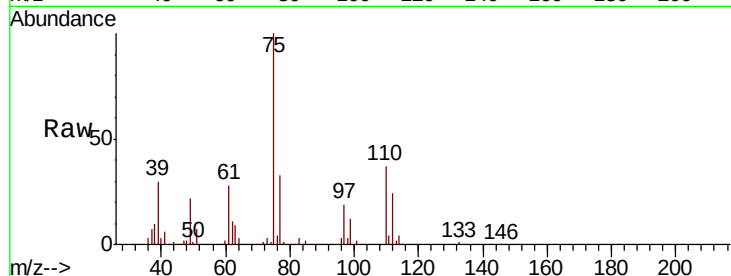
VICV03

Tot Ion: 75 Resp: 79719

Ion Ratio Lower Upper

75 100

77 32.6 26.1 39.1



#62

Bromoform

Concen: 26.758 ug/L

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

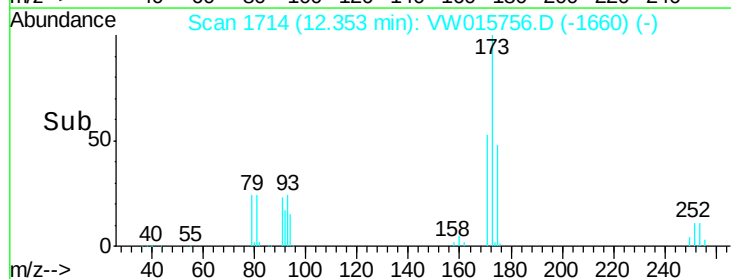
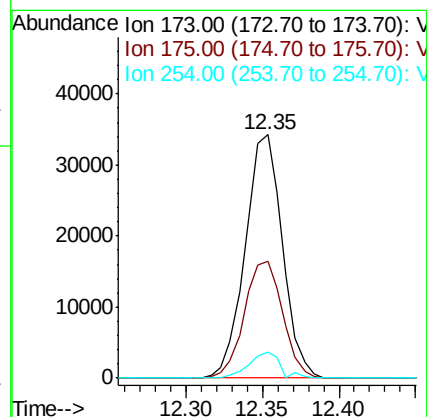
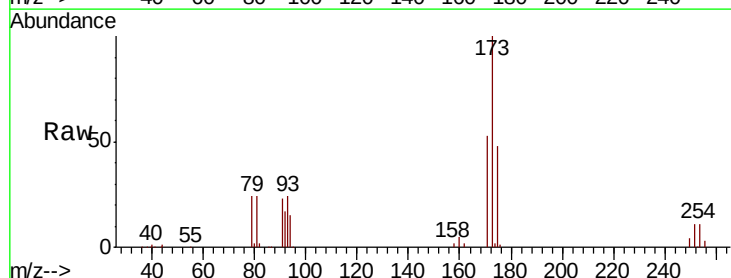
Tgt Ion: 173 Resp: 57910

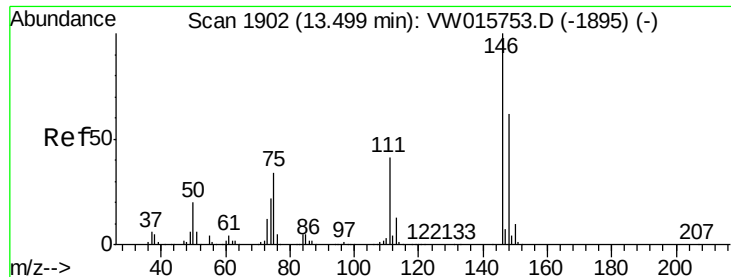
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.2

254 8.2 8.2 12.2#

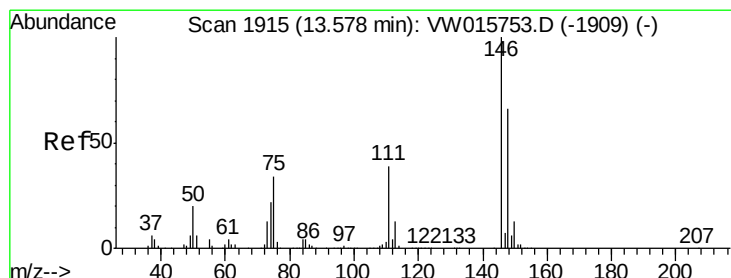
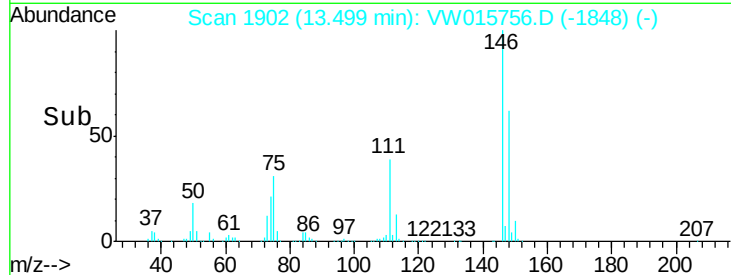
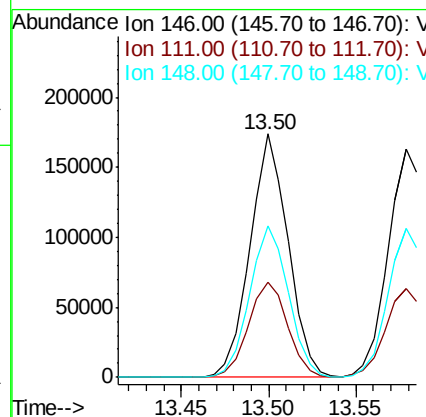
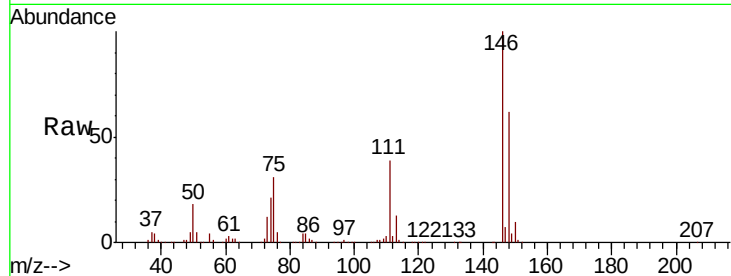




#63
 1,3-Dichlorobenzene
 Concen: 26.408 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015756.D
 Acq: 29 Jun 2020 11:43

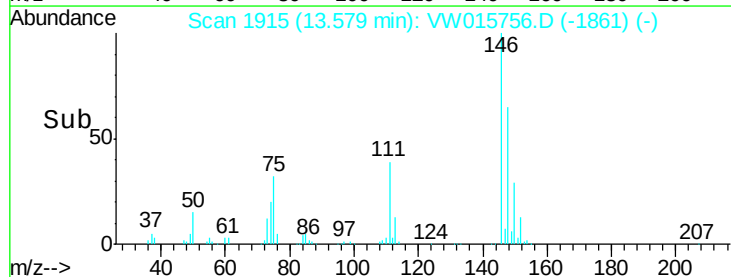
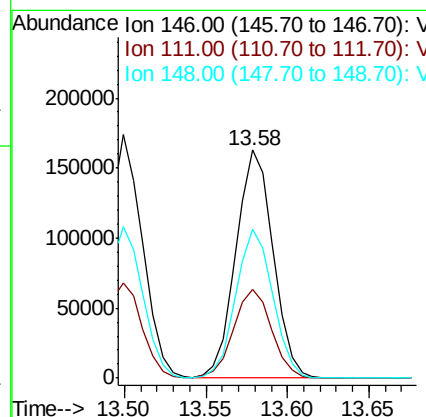
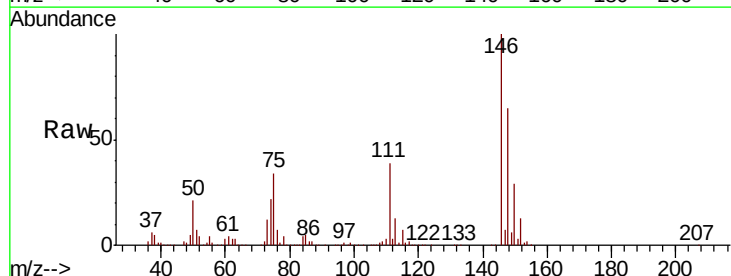
Instrument :
 MSVOA_W
 ClientSampleId :
 VICV03

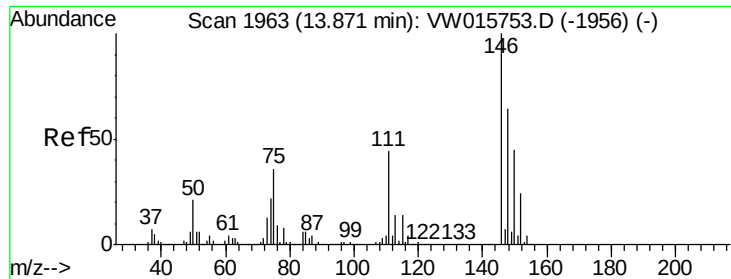
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	28.8	53.6
148	62.4	43.6	81.0



#64
 1,4-Dichlorobenzene
 Concen: 25.988 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015756.D
 Acq: 29 Jun 2020 11:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	27.8	51.6
148	65.3	46.0	85.4





#65

1,2-Dichlorobenzene

Concen: 26.514 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

VICV03

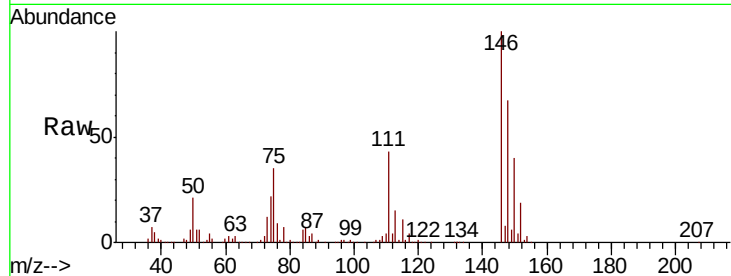
Tot Ion:146 Resp: 234599

Ion Ratio Lower Upper

146 100

111 43.1 35.5 53.3

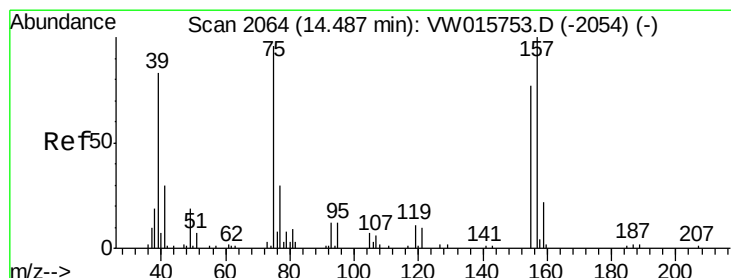
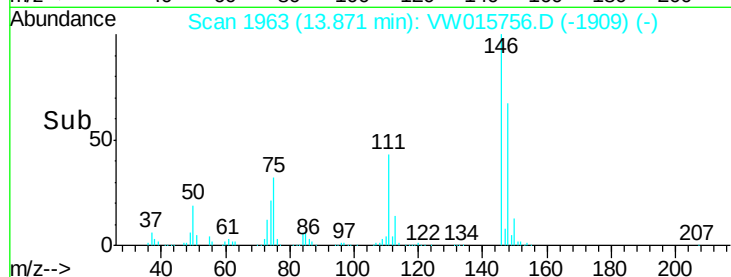
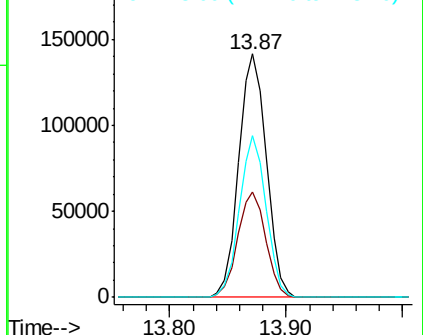
148 66.6 51.4 77.2



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



#66

1,2-Dibromo-3-chloropropane

Concen: 27.186 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

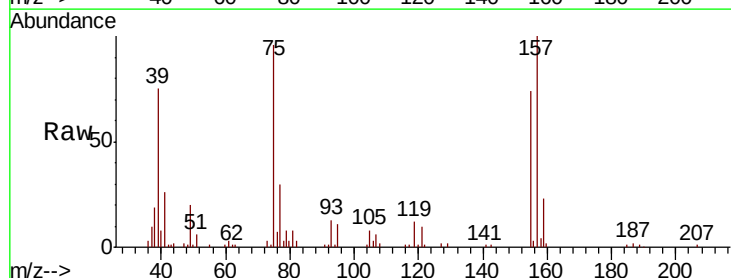
Tgt Ion: 75 Resp: 17229

Ion Ratio Lower Upper

75 100

157 103.9 83.2 124.8

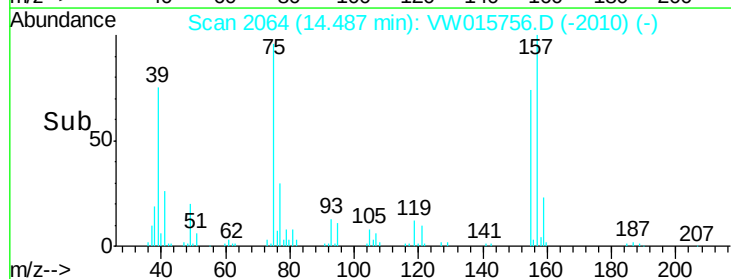
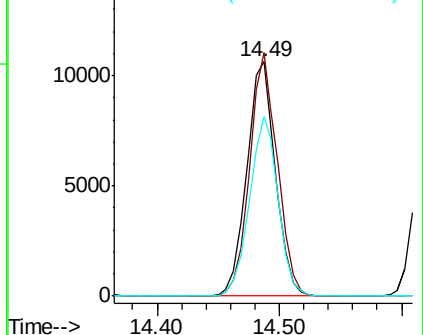
155 76.5 64.2 96.4

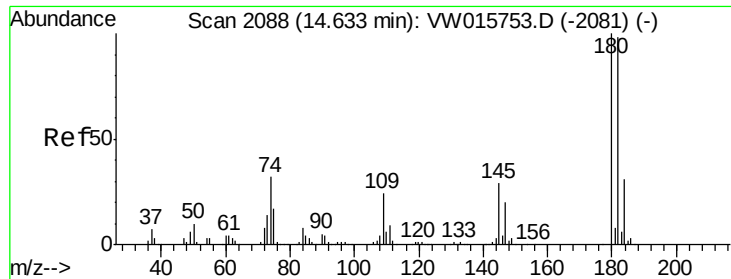


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

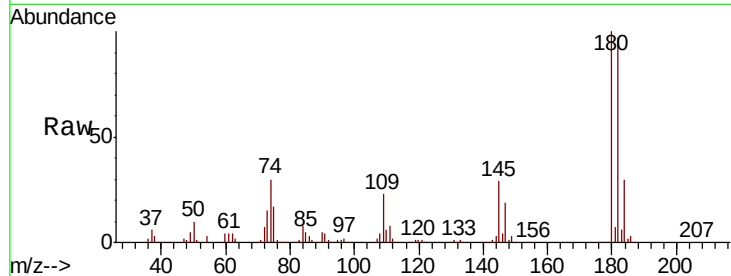




#67
1,3,5-Trichlorobenzene
Concen: 26.810 ug/L
RT: 14.63 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

Instrument :
MSVOA_W
ClientSampleId :
VICV03

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	76.1	114.1
184	30.4	24.2	36.2
145	30.0	23.8	35.6

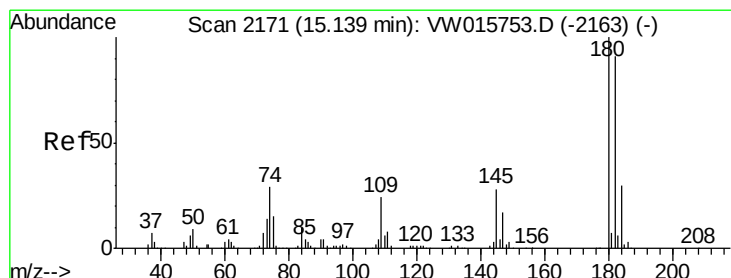
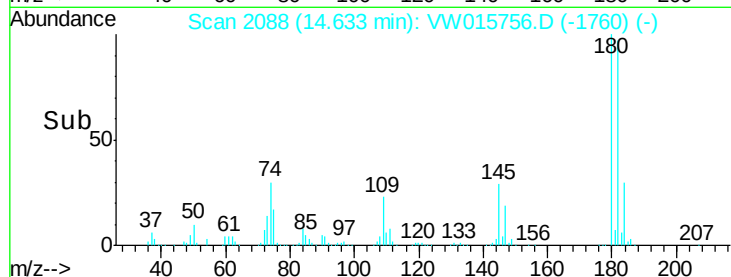
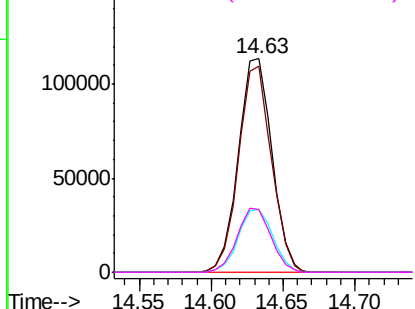


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

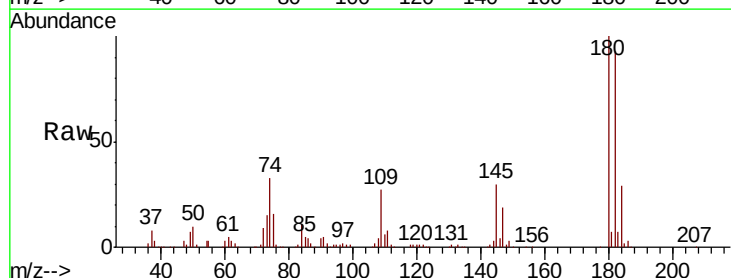
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
1,2,4-trichlorobenzene
Concen: 27.142 ug/L
RT: 15.13 min Scan# 2170
Delta R.T. -0.01 min
Lab File: VW015756.D
Acq: 29 Jun 2020 11:43

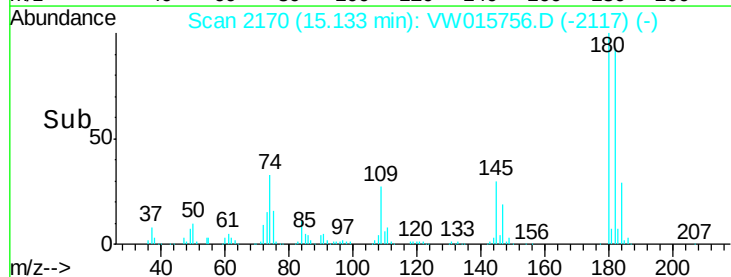
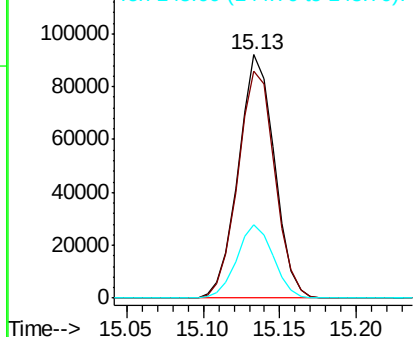
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.5	113.3
145	30.4	24.6	37.0

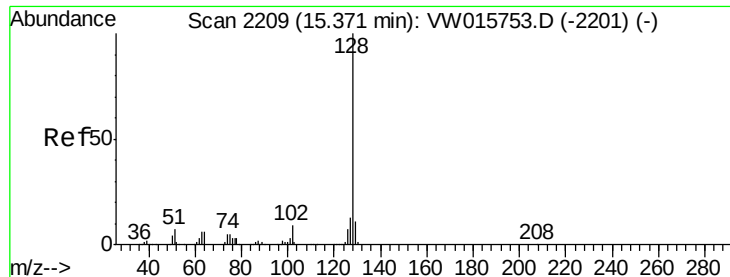


Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 28.113 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

Instrument :

MSVOA_W

ClientSampled :

VICV03

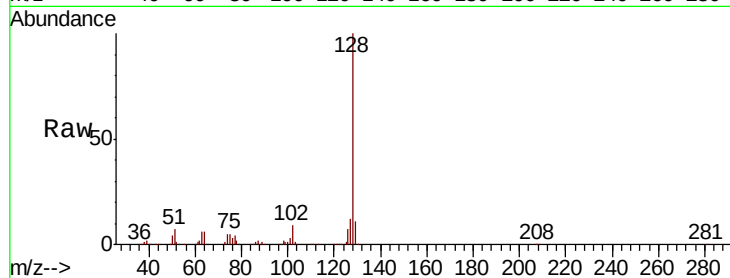
Tot Ion:128 Resp: 284829

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

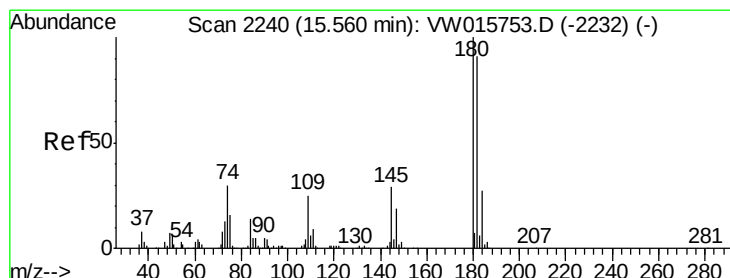
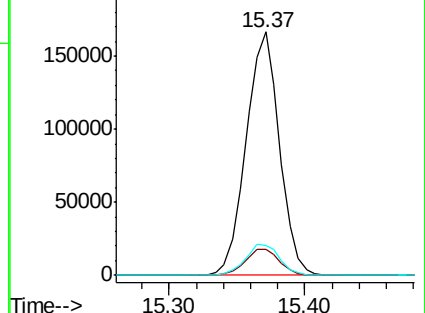
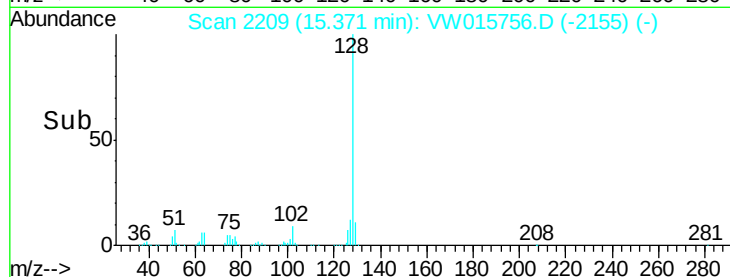
127 13.1 10.6 16.0



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: 27.048 ug/L

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW015756.D

Acq: 29 Jun 2020 11:43

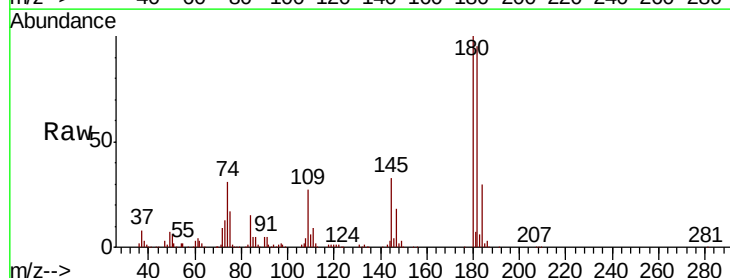
Tgt Ion:180 Resp: 129495

Ion Ratio Lower Upper

180 100

182 93.3 75.5 113.3

145 33.4 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

