

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072320\
 Data File : VW015935.D
 Acq On : 23 Jul 2020 20:35
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 07:05:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 24 06:59:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	485229	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	447092	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	212107	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	108248	15.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	63.24%
7) Chloroethane-d5	2.90	69	101238	18.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.84%
10) 1,1-Dichloroethene-d2	4.02	63	252008	18.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.84%
20) 2-Butanone-d5	7.09	46	80380	44.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.38%
24) Chloroform-d	7.65	84	272177	19.97	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.88%
26) 1,2-Dichloroethane-d4	8.31	65	142635	19.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	76.28%
29) Benzene-d6	8.27	84	542291	19.93	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	79.72%
33) 1,2-Dichloropropane-d6	9.27	67	168073	20.60	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.40%
37) Toluene-d8	10.33	98	491779	19.95	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.80%
38) trans-1,3-Dichloropropene-	10.58	79	66878	19.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.92%
39) 2-Hexanone-d5	10.93	63	65579	48.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	132879	21.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	172148	20.81	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.24%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	2.01	85	83188	20.261	ug/L 99
3) Chloromethane	2.22	50	105454	21.236	ug/L 100
5) Vinyl chloride	2.37	62	151775	19.816	ug/L 100
6) Bromomethane	2.79	94	96914	21.210	ug/L 98
8) Chloroethane	2.93	64	95866	21.366	ug/L 95
9) Trichlorofluoromethane	3.27	101	109480	21.265	ug/L 98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	134909	21.437	ug/L 97
12) 1,1-Dichloroethene	4.04	96	135938	21.794	ug/L 95
13) Acetone	4.13	43	55745	36.907	ug/L 95
14) Carbon disulfide	4.38	76	399132	20.261	ug/L 99
15) Methyl Acetate	4.67	43	63615	22.338	ug/L 96
16) Methylene chloride	4.92	84	172571	21.704	ug/L 94
17) Methyl tert-butyl Ether	5.43	73	221530	25.115	ug/L 97
18) trans-1,2-Dichloroethene	5.43	96	147946	22.461	ug/L 96
19) 1,1-Dichloroethane	6.22	63	272150	22.421	ug/L 99
21) 2-Butanone	7.18	43	85489	45.771	ug/L 100
22) cis-1,2-Dichloroethene	7.17	96	164214	23.829	ug/L 95

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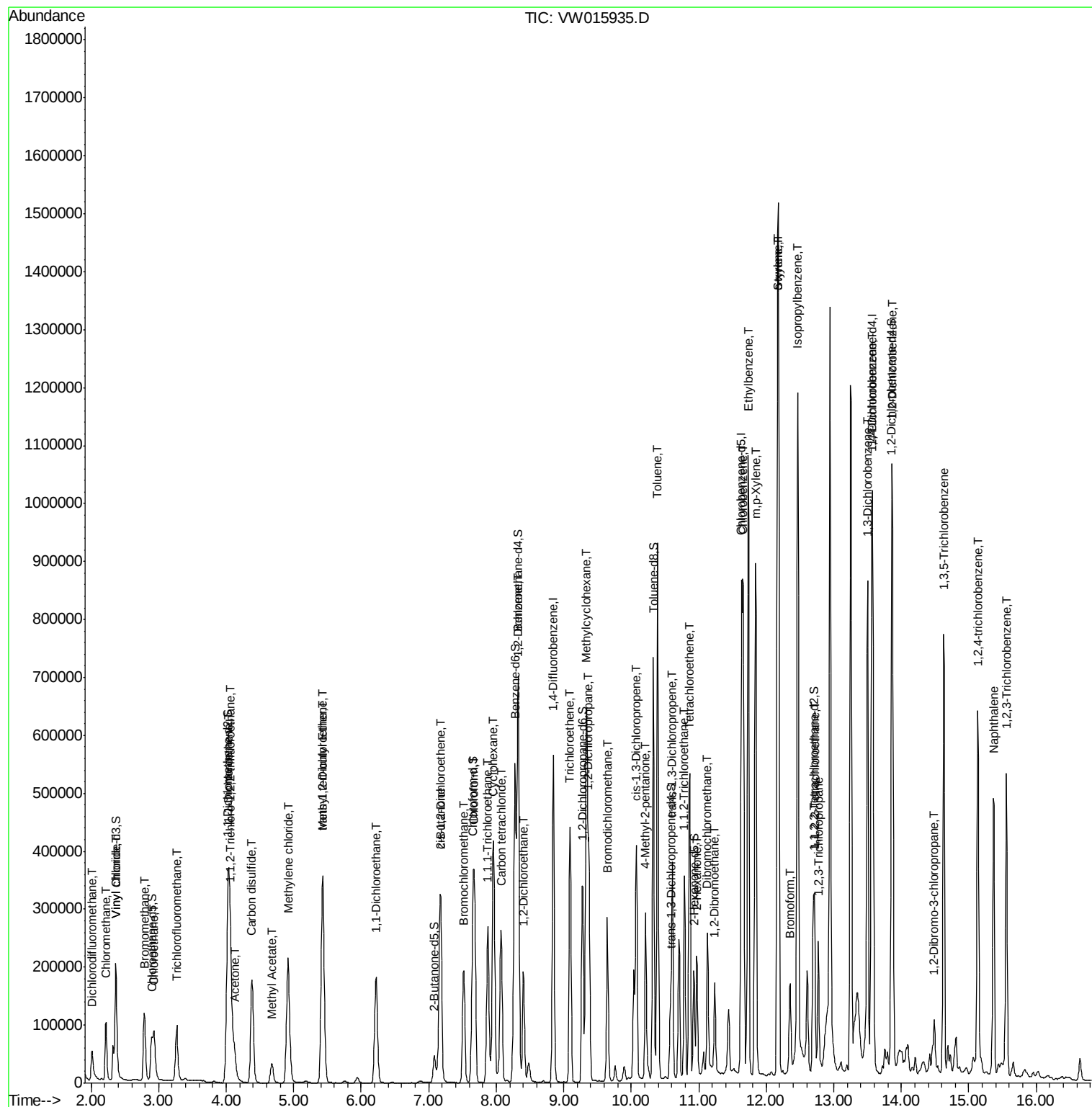
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.52	128	71419	23.634	ug/L	94
25) Chloroform	7.68	83	272880	22.684	ug/L	99
27) 1,2-Dichloroethane	8.40	62	171154	20.909	ug/L	96
30) Cyclohexane	7.96	56	251335	22.295	ug/L	100
31) 1,1,1-Trichloroethane	7.88	97	222928	21.354	ug/L	98
32) Carbon tetrachloride	8.07	117	196416	20.748	ug/L	100
34) Benzene	8.33	78	624246	22.989	ug/L	100
35) Trichloroethene	9.09	95	158465	22.060	ug/L	97
36) Methylcyclohexane	9.34	83	276787	22.456	ug/L	97
40) 1,2-Dichloropropane	9.37	63	155819	23.163	ug/L	99
41) Bromodichloromethane	9.65	83	193192	22.238	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	235169	22.954	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	188524	48.013	ug/L	97
44) Toluene	10.39	91	668008	23.455	ug/L	98
45) trans-1,3-Dichloropropene	10.61	75	202244	22.774	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	115135	23.801	ug/L	97
47) Tetrachloroethene	10.87	164	122707	22.007	ug/L	94
49) 2-Hexanone	10.97	43	129958	46.640	ug/L	97
50) Dibromochloromethane	11.13	129	128393	22.925	ug/L	99
51) 1,2-Dibromoethane	11.24	107	107188	23.163	ug/L	98
52) Chlorobenzene	11.66	112	421674	23.106	ug/L	98
53) Ethylbenzene	11.73	91	749104	23.391	ug/L	98
54) m,p-Xylene	11.84	106	287276	23.976	ug/L	99
55) o-xylene	12.17	106	282557	25.044	ug/L	97
56) Styrene	12.18	104	469804	24.486	ug/L	100
57) Isopropylbenzene	12.47	105	761897	24.807	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	12.72	83	133612	23.522	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	98494	23.142	ug/L	99
62) Bromoform	12.35	173	70166	22.487	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	324643	23.914	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	321598	23.342	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	292434	23.716	ug/L	94
66) 1,2-Dibromo-3-chloropropan	14.49	75	21426	23.086	ug/L	96
67) 1,3,5-Trichlorobenzene	14.63	180	237267	24.857	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	199668	26.335	ug/L	98
69) Naphthalene	15.37	128	411322	28.797	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	172753	25.573	ug/L	93

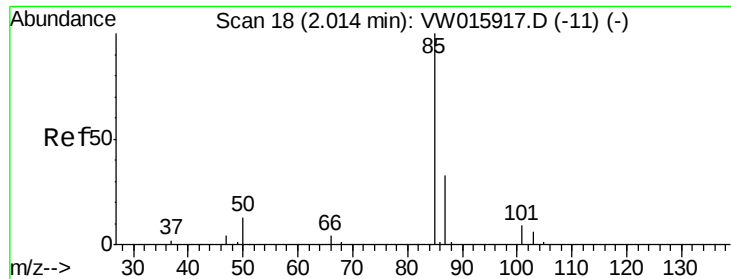
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 20.261 ug/L

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

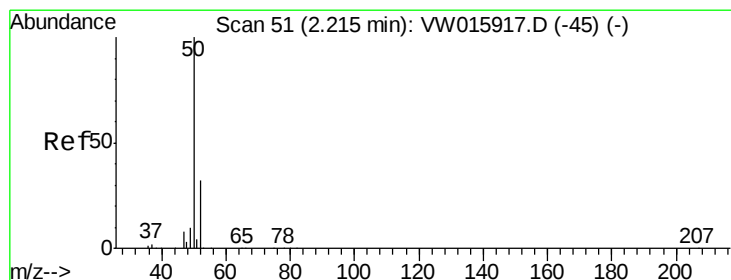
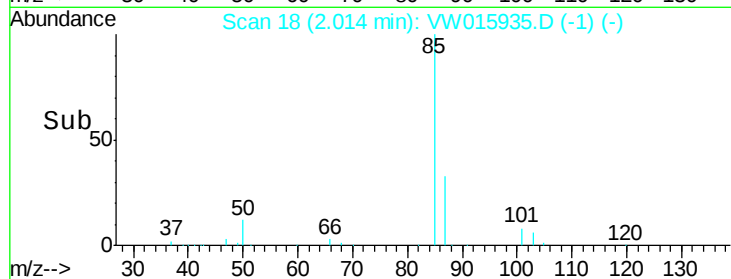
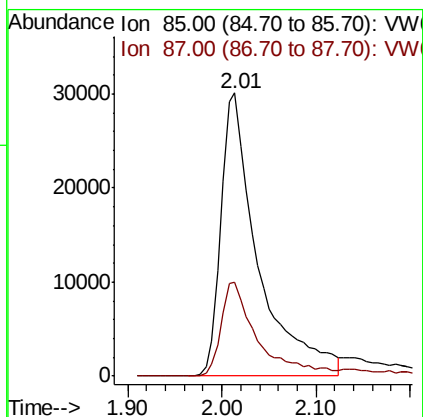
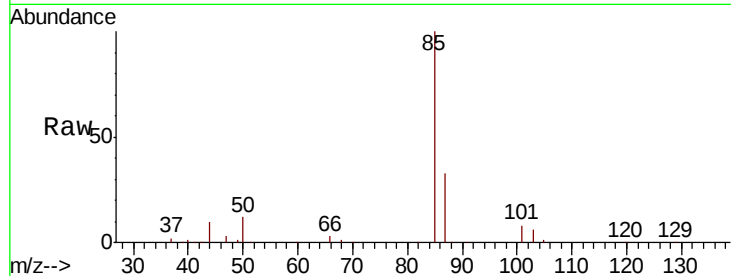
ClientSampleId :

Tot Ion: 85 Resp: 83188

Ion Ratio Lower Upper

85 100

87 29.3 21.0 39.0



#3

Chloromethane

Concen: 21.236 ug/L

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015935.D

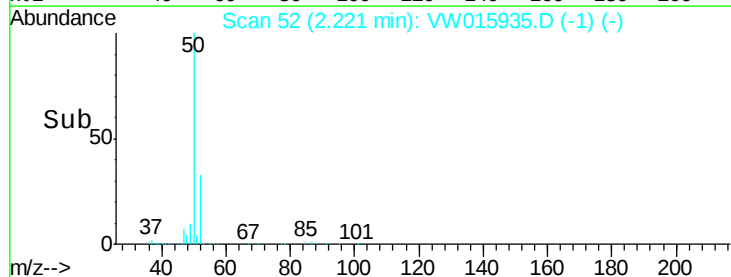
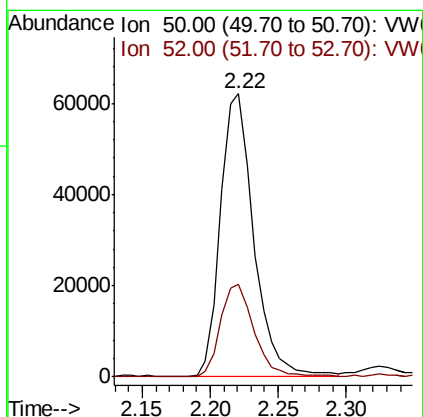
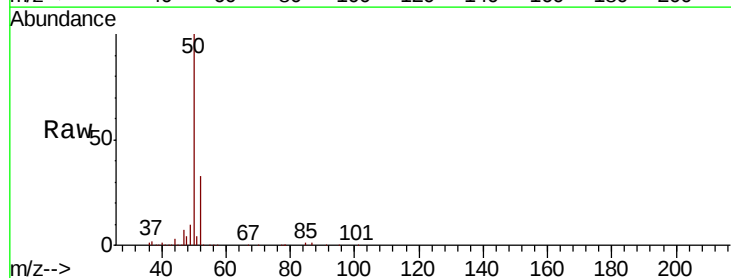
Acq: 23 Jul 2020 20:35

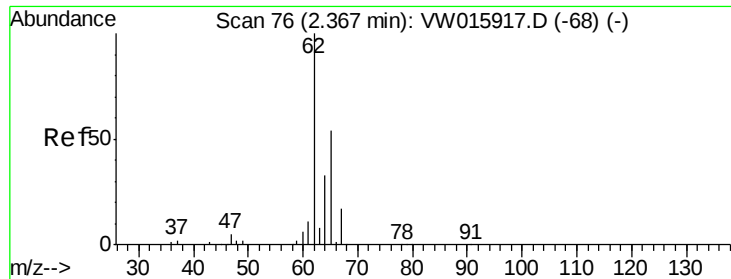
Tgt Ion: 50 Resp: 105454

Ion Ratio Lower Upper

50 100

52 32.6 22.8 42.4





#5

Vinyl chloride

Concen: 19.816 ug/L

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

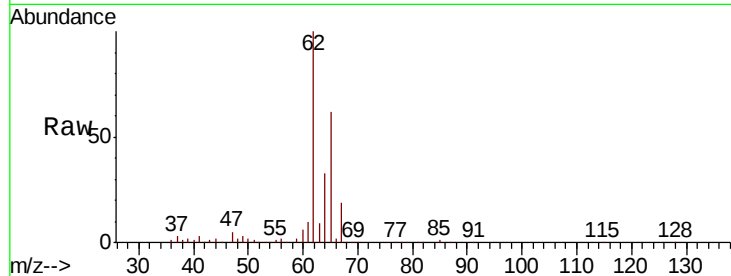
ClientSampleId :

Tot Ion: 62 Resp: 151775

Ion Ratio Lower Upper

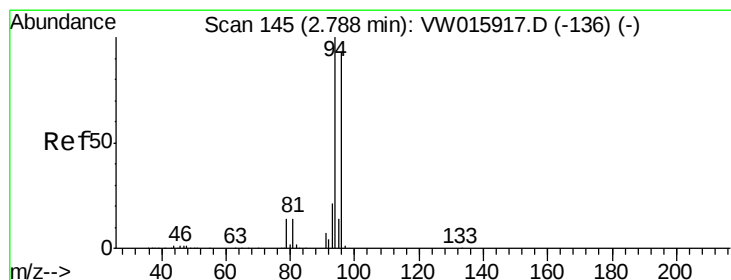
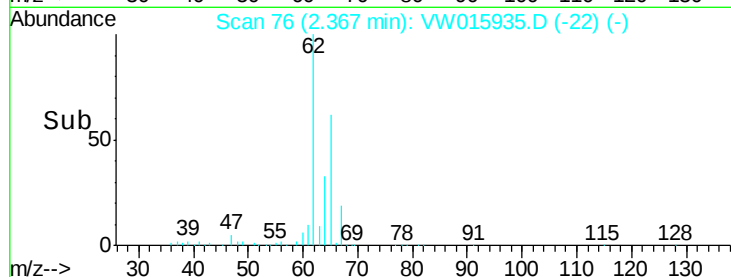
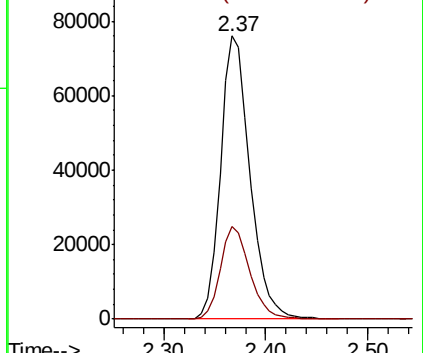
62 100

64 32.9 23.2 43.0



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 64.00 (63.70 to 64.70): VW



#6

Bromomethane

Concen: 21.210 ug/L

RT: 2.79 min Scan# 145

Delta R.T. -0.00 min

Lab File: VW015935.D

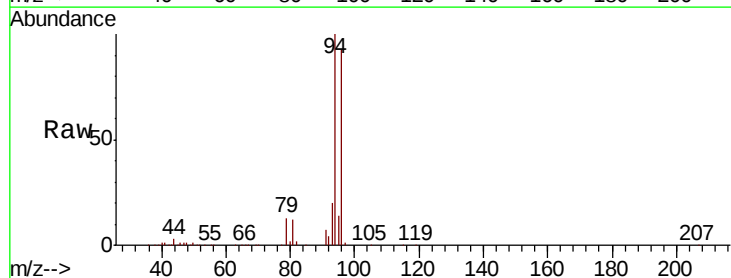
Acq: 23 Jul 2020 20:35

Tgt Ion: 94 Resp: 96914

Ion Ratio Lower Upper

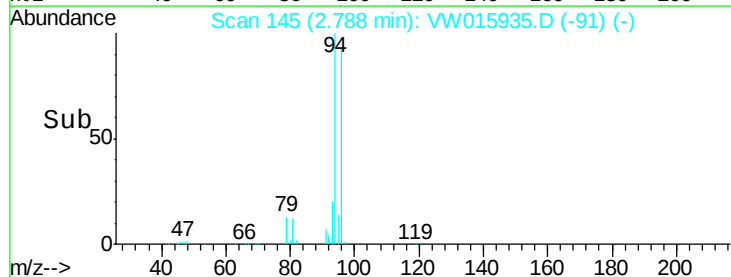
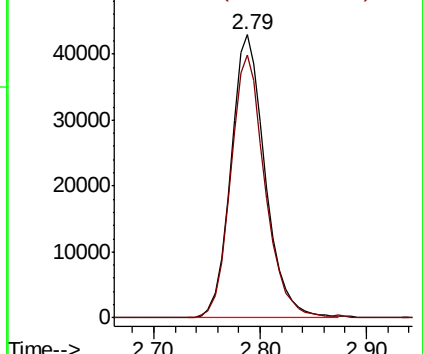
94 100

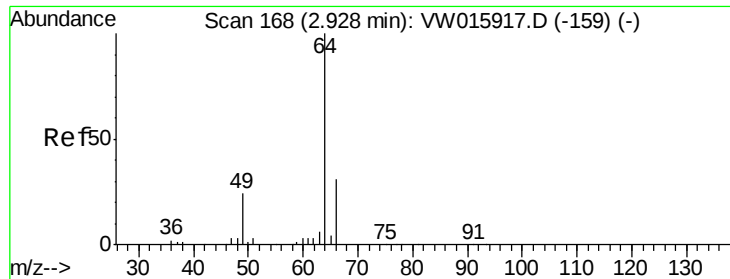
96 92.9 9.5 180.1



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW





#8

Chloroethane

Concen: 21.366 ug/L

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

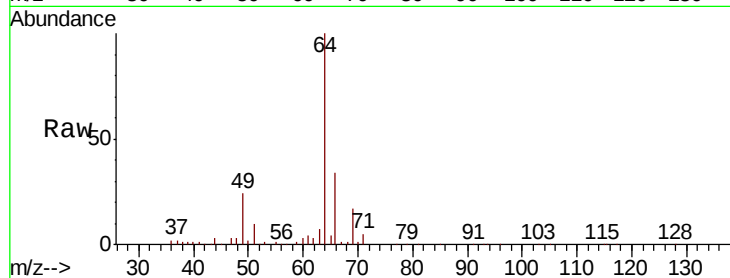
ClientSampled :

Tot Ion: 64 Resp: 95866

Ion Ratio Lower Upper

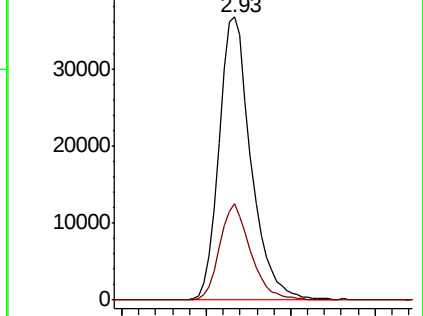
64 100

66 33.9 21.8 40.4

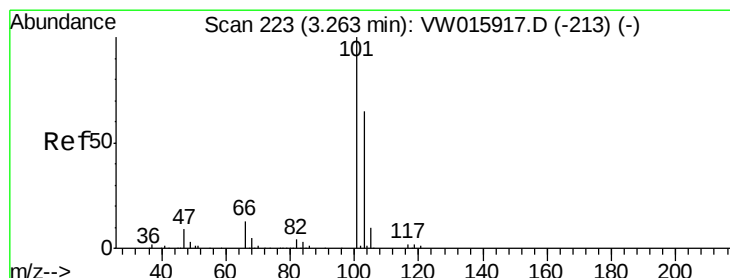
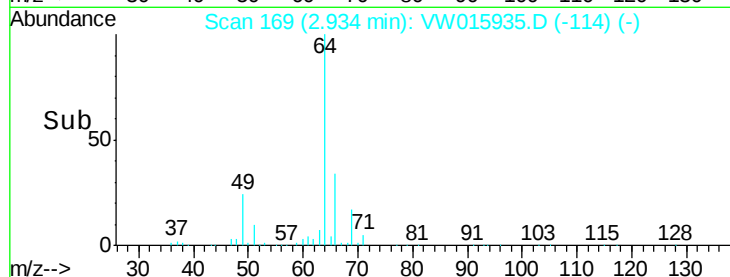


Abundance Ion 64.00 (63.70 to 64.70): VW

Ion 66.00 (65.70 to 66.70): VW



Time--> 2.80 2.90 3.00 3.10



#9

Trichlorofluoromethane

Concen: 21.265 ug/L

RT: 3.27 min Scan# 224

Delta R.T. 0.01 min

Lab File: VW015935.D

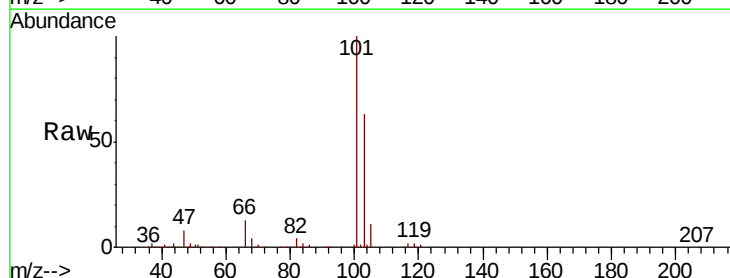
Acq: 23 Jul 2020 20:35

Tgt Ion: 101 Resp: 109480

Ion Ratio Lower Upper

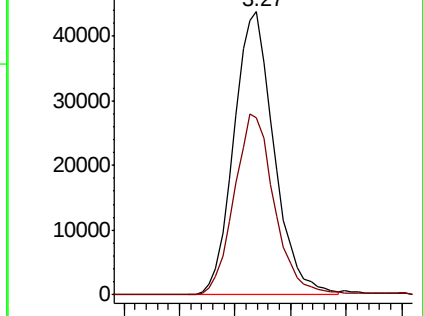
101 100

103 64.2 45.8 85.2

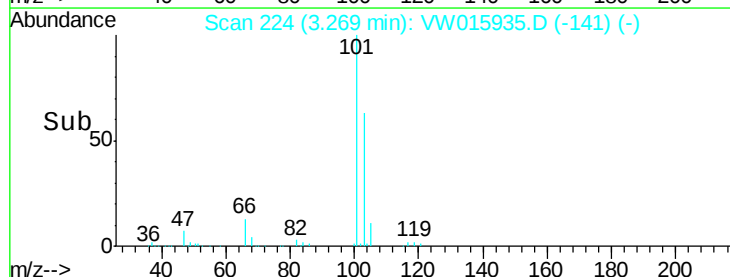


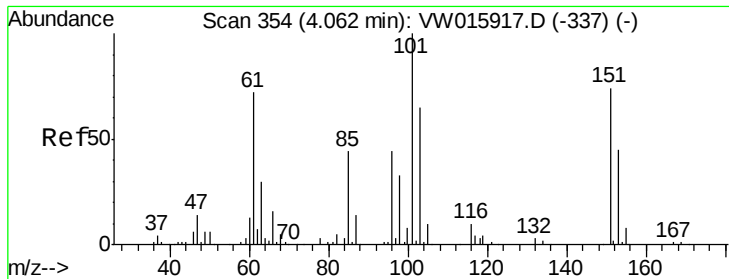
Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time--> 3.15 3.20 3.25 3.30 3.35





#11

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

Concen: 21.437 ug/L

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

ClientSampled :

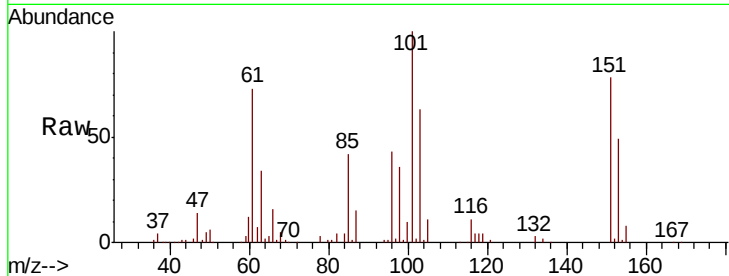
Tot Ion:101 Resp: 134909

Ion Ratio Lower Upper

101 100

85 42.6 35.5 53.3

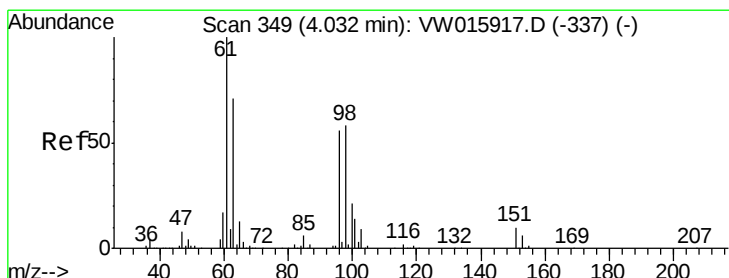
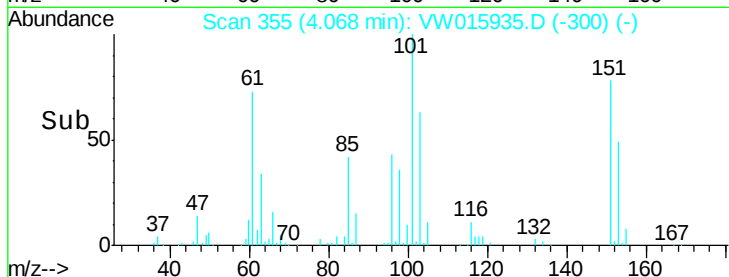
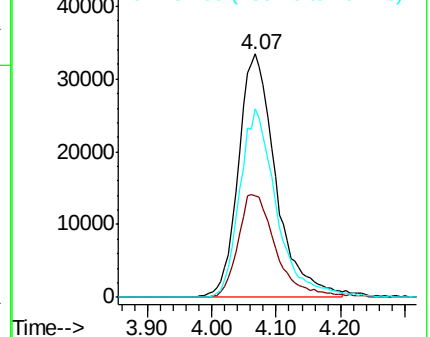
151 75.9 58.4 87.6



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: 21.794 ug/L

RT: 4.04 min Scan# 350

Delta R.T. 0.01 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

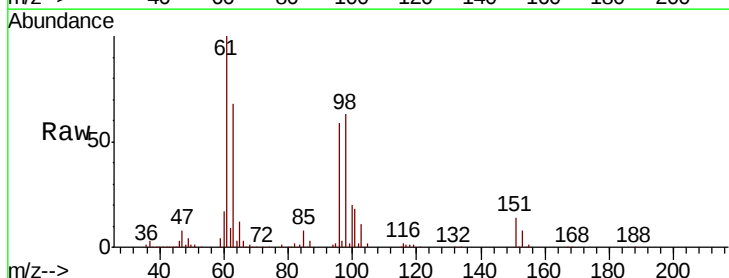
Tgt Ion: 96 Resp: 135938

Ion Ratio Lower Upper

96 100

61 169.0 125.0 232.2

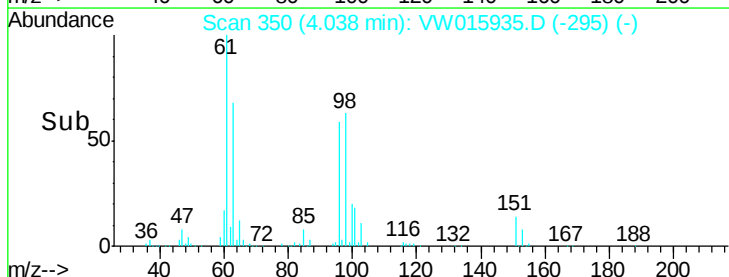
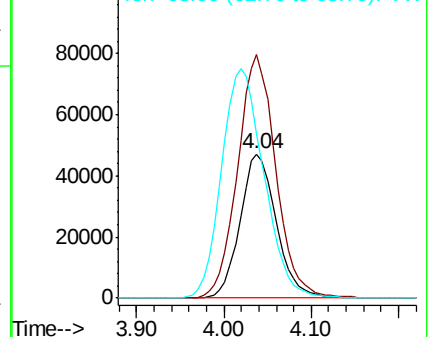
63 114.2 82.3 152.8

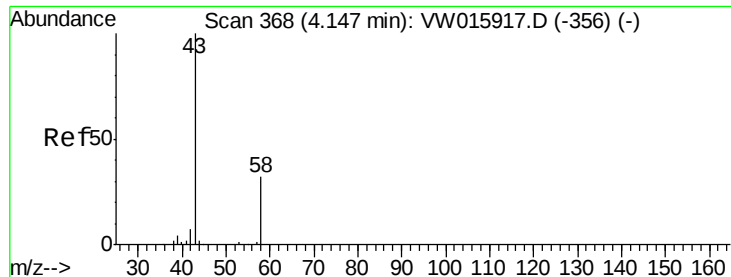


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 63.00 (62.70 to 63.70): VW





#13

Acetone

Concen: 36.907 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.02 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

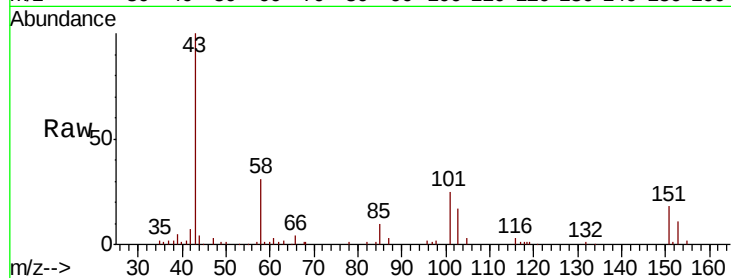
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 55745

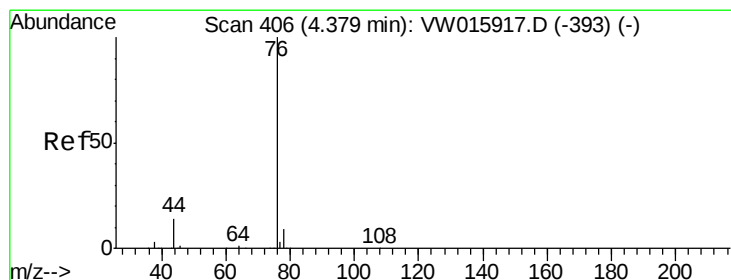
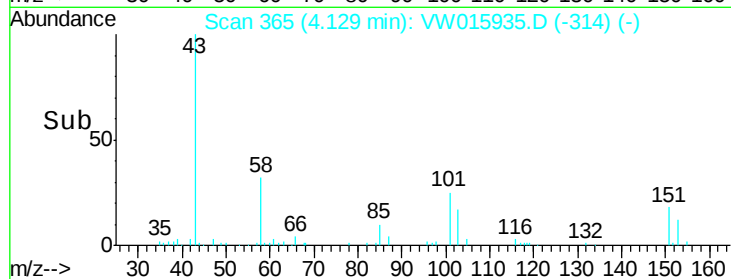
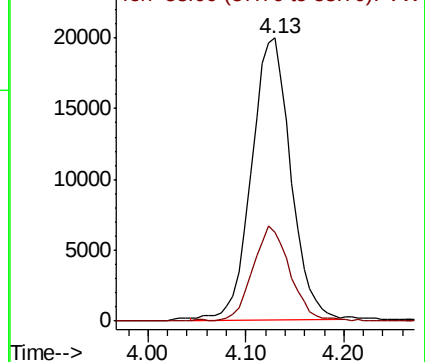
Ion Ratio Lower Upper

43 100

58 32.0 0.0 58.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#14

Carbon disulfide

Concen: 20.261 ug/L

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW015935.D

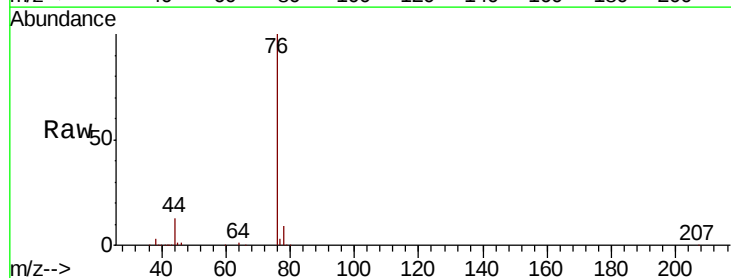
Acq: 23 Jul 2020 20:35

Tgt Ion: 76 Resp: 399132

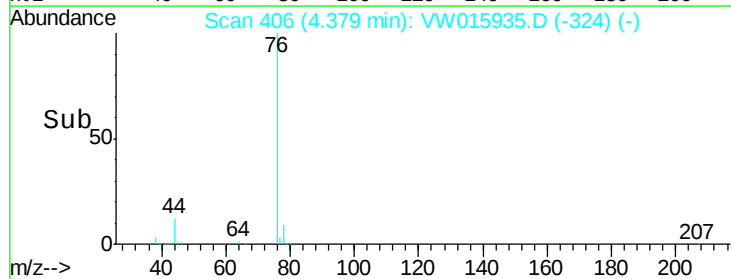
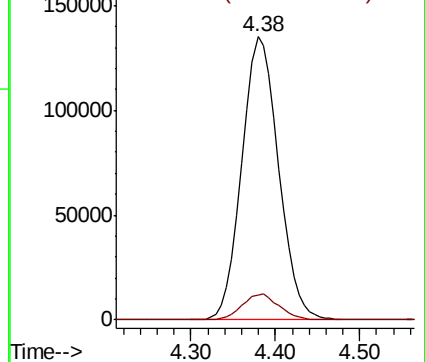
Ion Ratio Lower Upper

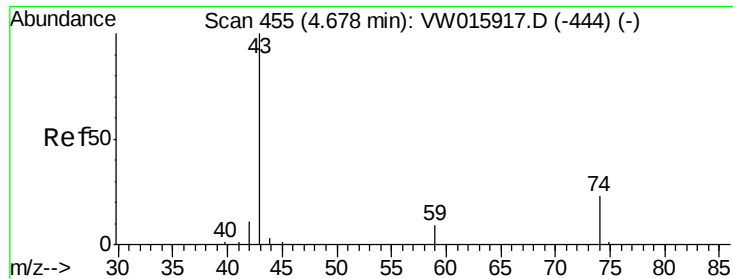
76 100

78 8.7 7.2 10.8



Abundance Ion 76.00 (75.70 to 76.70): VW
Ion 78.00 (77.70 to 78.70): VW

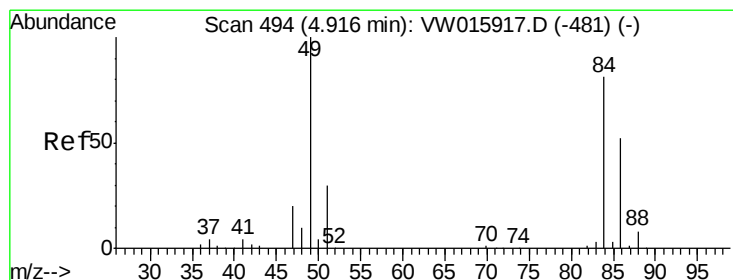
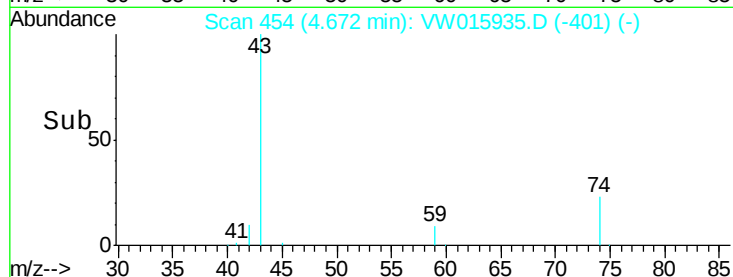
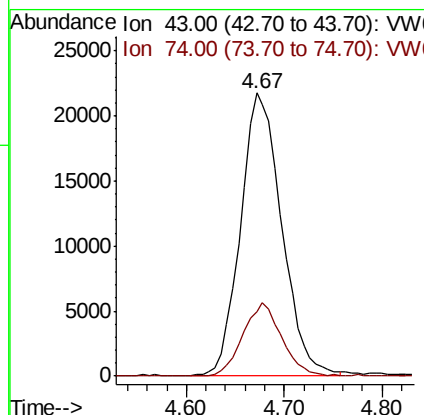
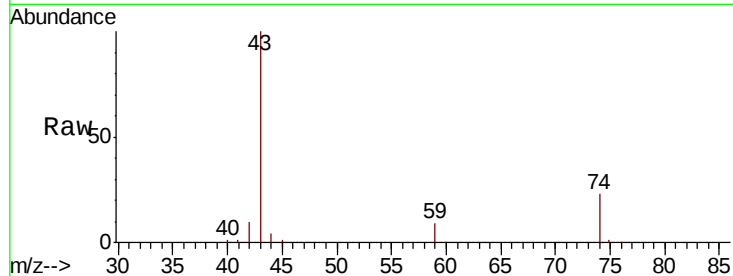




#15
Methvl Acetate
Concen: 22.338 ug/L
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

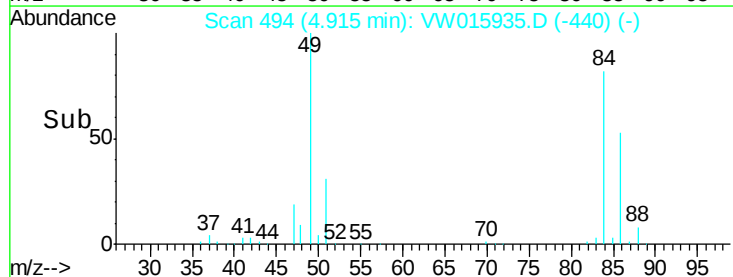
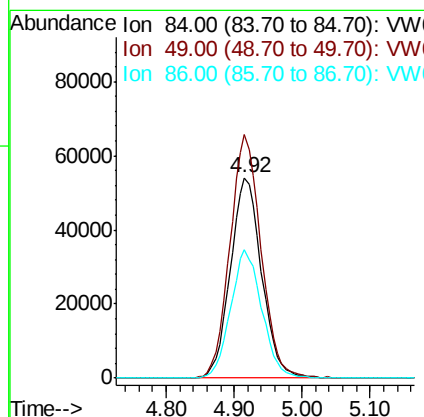
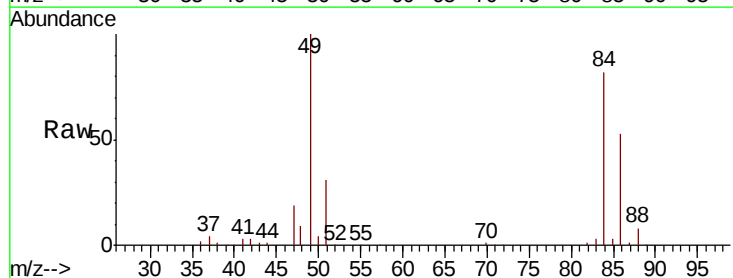
Instrument :
MSVOA_W
ClientSampleId :

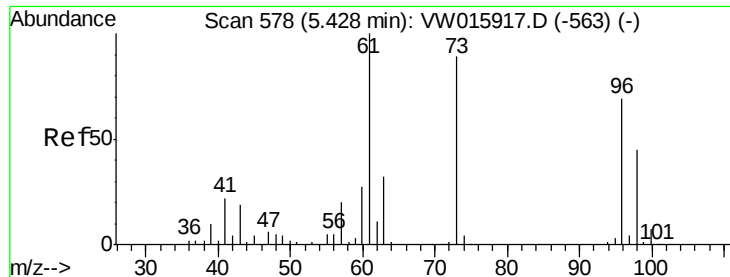
Tot Ion: 43 Resp: 63615
Ion Ratio Lower Upper
43 100
74 24.5 18.2 27.2



#16
Methylene chloride
Concen: 21.704 ug/L
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Tgt Ion: 84 Resp: 172571
Ion Ratio Lower Upper
84 100
49 121.6 91.1 169.1
86 64.0 46.0 85.4

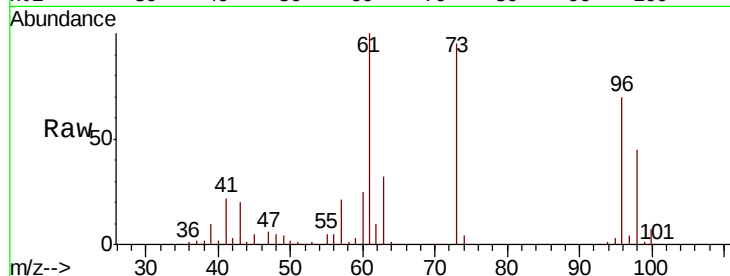




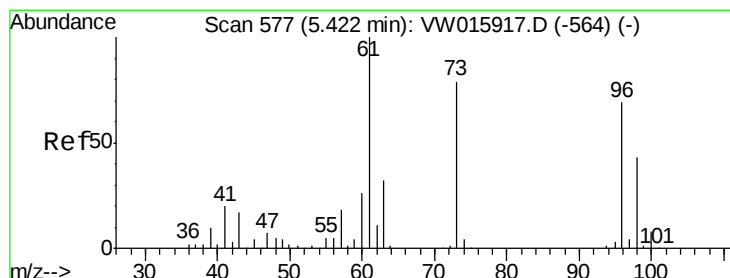
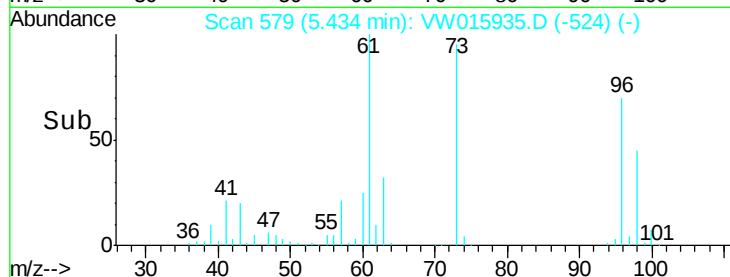
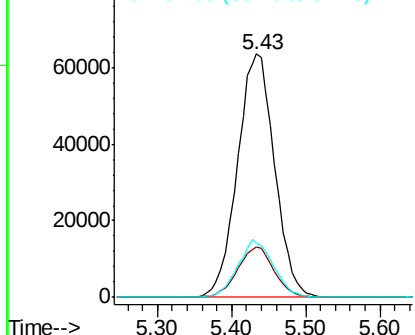
#17
Methvl tert-butvl Ether
Concen: 25.115 ug/L
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 73 Resp: 221530
Ion Ratio Lower Upper
73 100
43 20.5 18.4 27.6
57 22.8 17.8 26.8

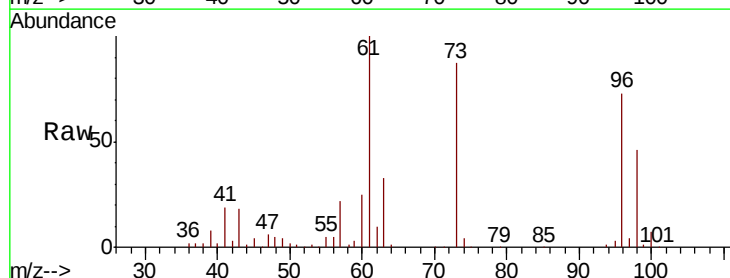


Abundance Ion 73.00 (72.70 to 73.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 57.00 (56.70 to 57.70): VW

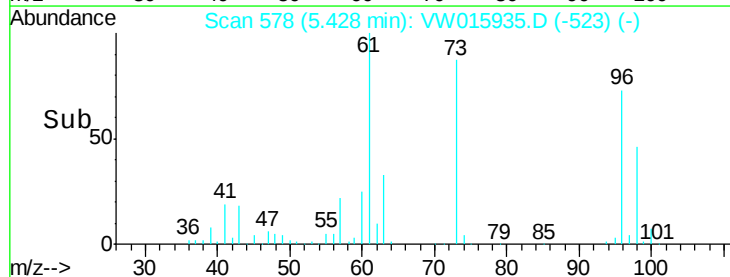
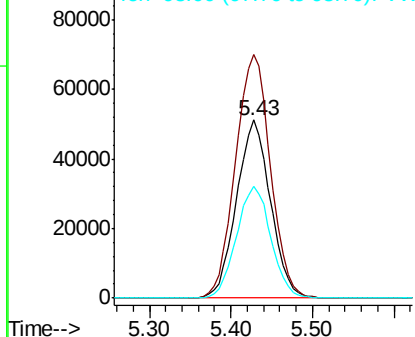


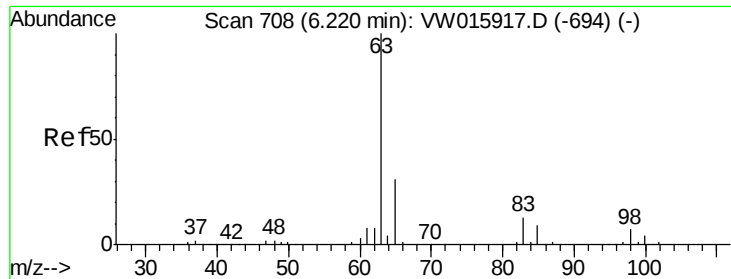
#18
trans-1,2-Dichloroethene
Concen: 22.461 ug/L
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Tgt Ion: 96 Resp: 147946
Ion Ratio Lower Upper
96 100
61 136.7 99.3 184.5
98 63.1 42.9 79.7



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

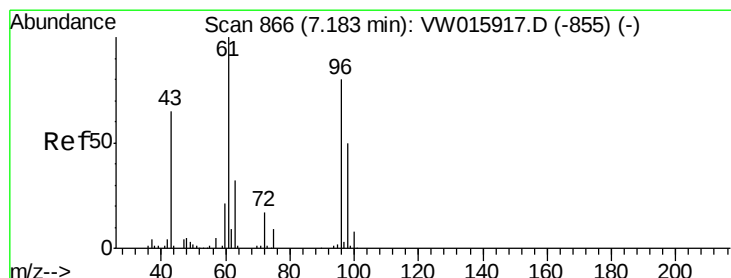
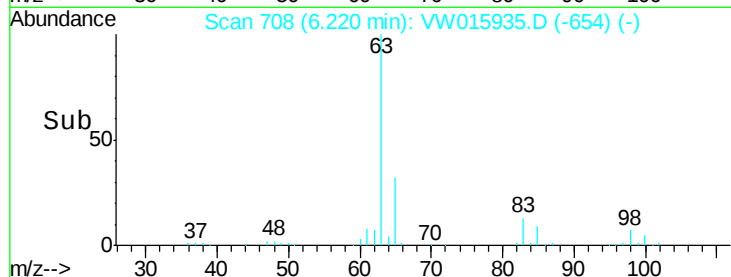
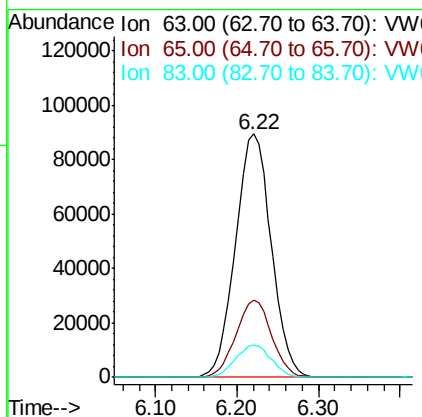
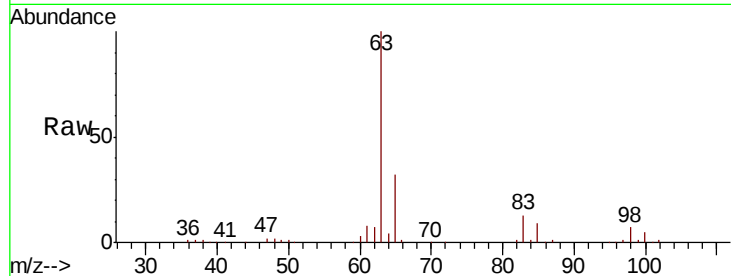




#19
 1,1-Dichloroethane
 Concen: 22.421 ug/L
 RT: 6.22 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

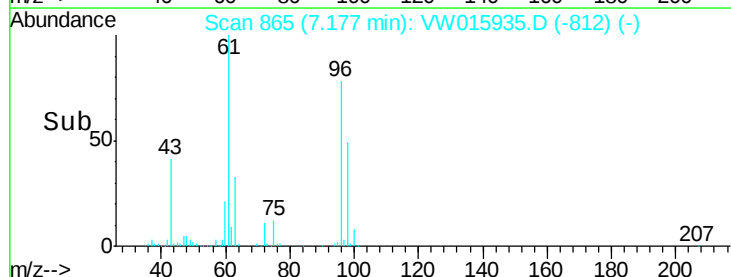
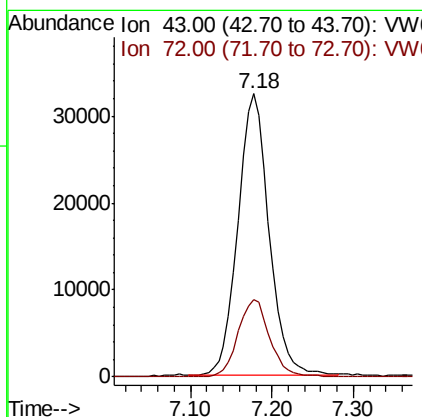
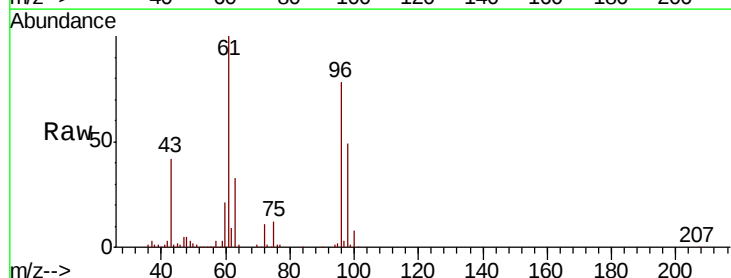
Instrument :
 MSVOA_W
 ClientSampleId :

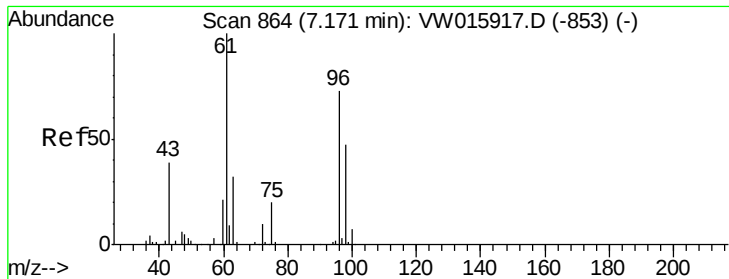
Tot Ion: 63 Resp: 272150
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.2 41.2
 83 13.3 9.8 18.2



#21
 2-Butanone
 Concen: 45.771 ug/L
 RT: 7.18 min Scan# 865
 Delta R.T. -0.01 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

Tgt Ion: 43 Resp: 85489
 Ion Ratio Lower Upper
 43 100
 72 27.9 13.9 41.7



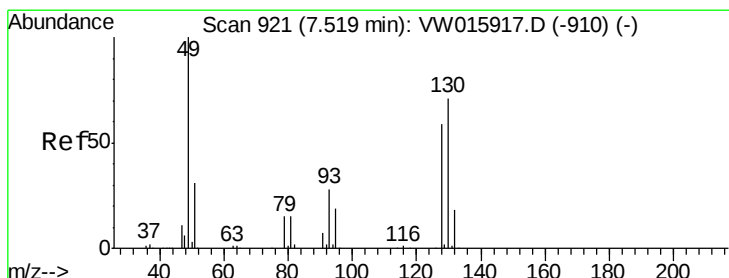
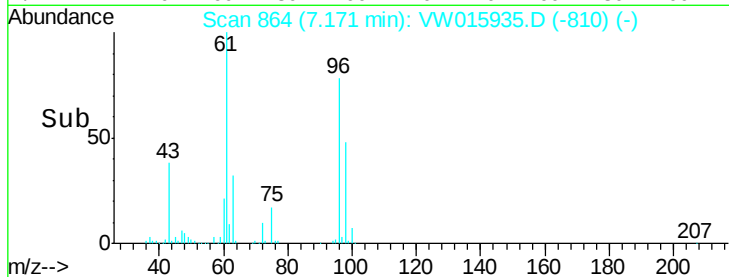
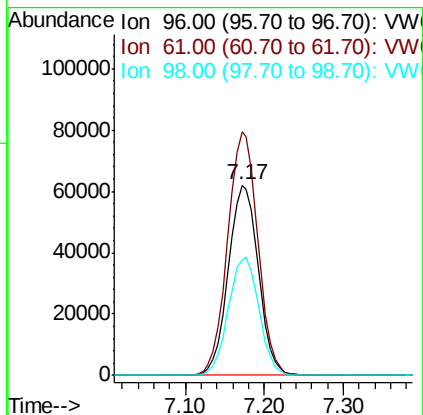
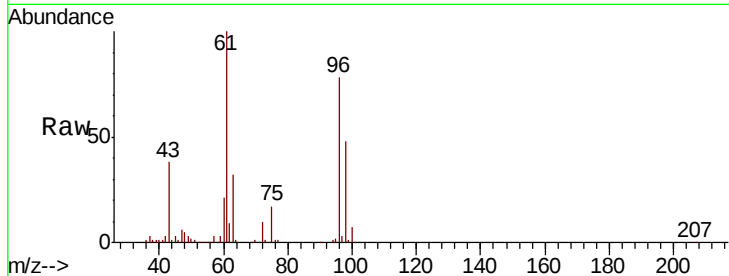


#22

cis-1,2-Dichloroethene
Concen: 23.829 ug/L
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Instrument :
MSVOA_W
ClientSampled :

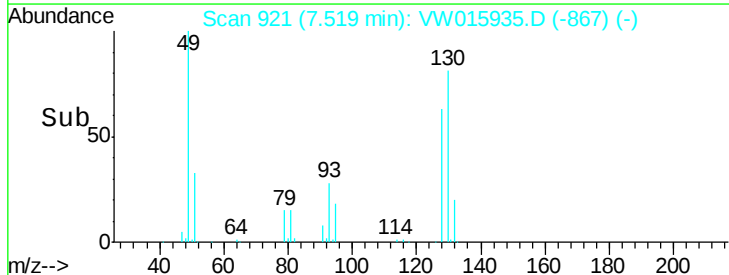
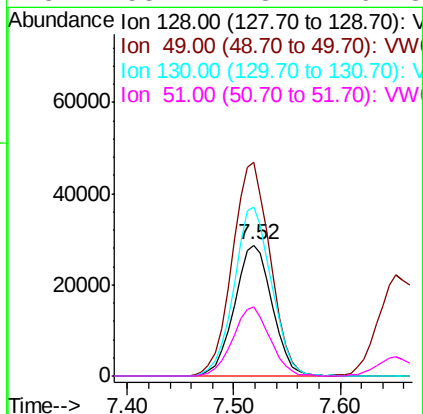
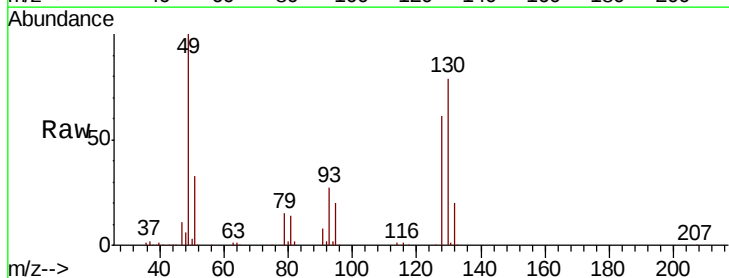
Tot Ion: 96 Resp: 164214
Ion Ratio Lower Upper
96 100
61 127.8 94.6 175.8
98 61.0 44.3 82.3

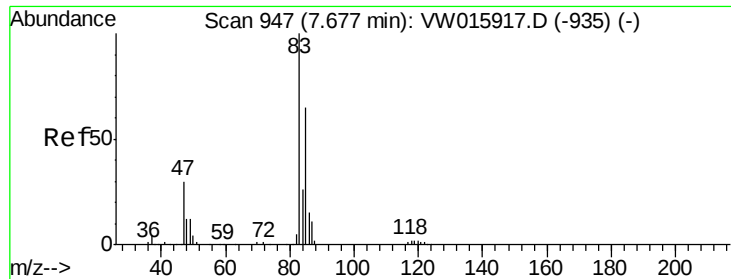


#23

Bromochloromethane
Concen: 23.634 ug/L
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Tgt Ion:128 Resp: 71419
Ion Ratio Lower Upper
128 100
49 163.6 122.4 227.2
130 129.0 93.9 174.5
51 53.4 43.2 64.8





#25

Chloroform

Concen: 22.684 ug/L

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

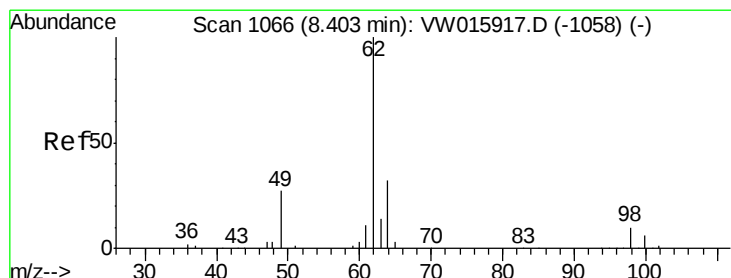
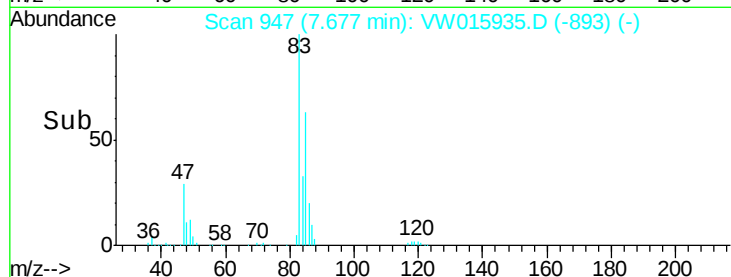
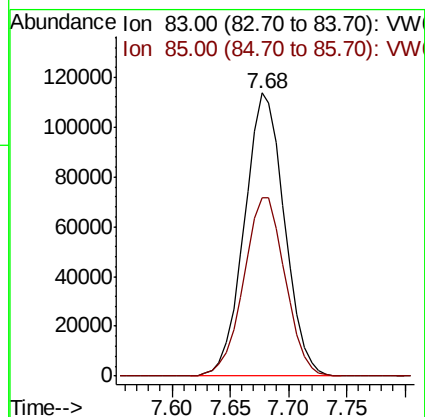
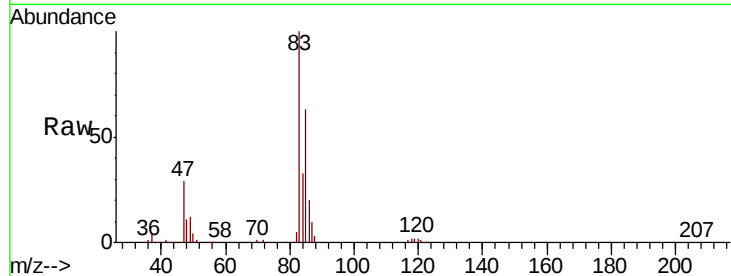
ClientSampled :

Tot Ion: 83 Resp: 272880

Ion Ratio Lower Upper

83 100

85 65.5 46.5 86.5



#27

1,2-Dichloroethane

Concen: 20.909 ug/L

RT: 8.40 min Scan# 1066

Delta R.T. -0.00 min

Lab File: VW015935.D

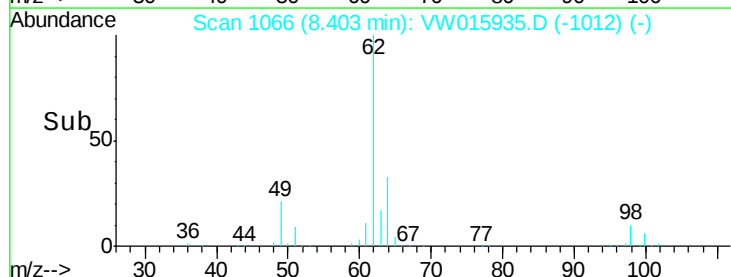
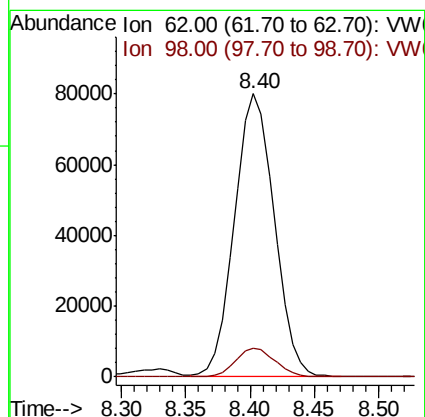
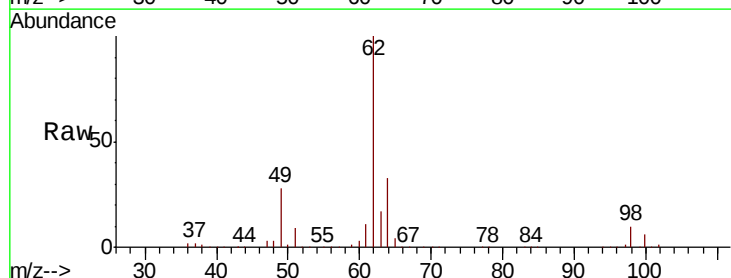
Acq: 23 Jul 2020 20:35

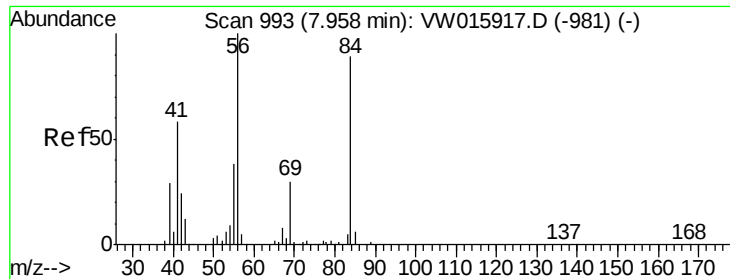
Tgt Ion: 62 Resp: 171154

Ion Ratio Lower Upper

62 100

98 10.2 7.0 10.6

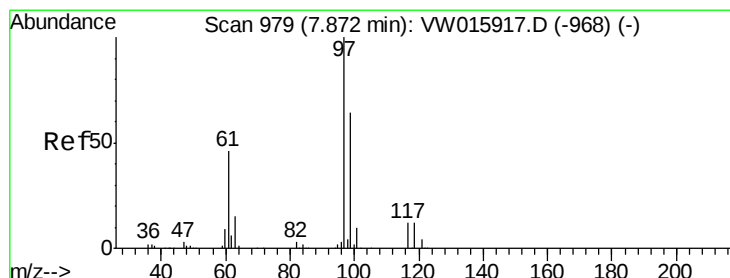
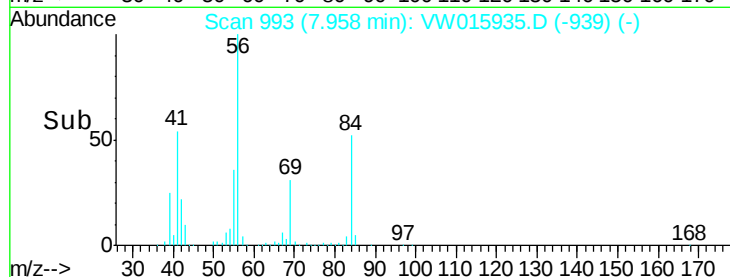
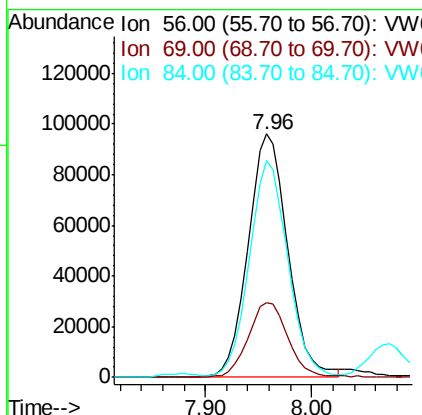
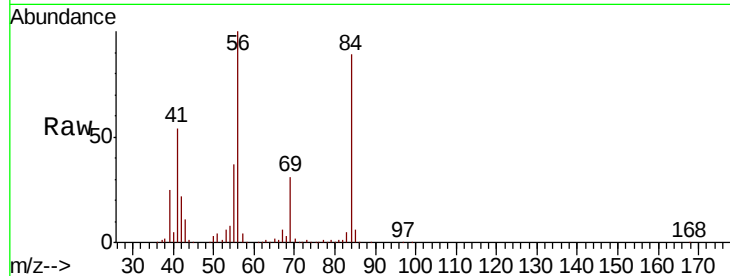




#30
Cyclohexane
Concen: 22.295 ug/L
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

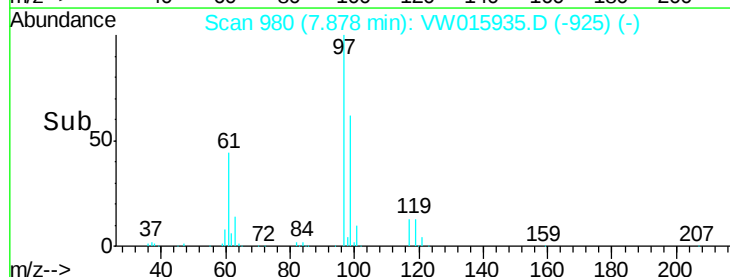
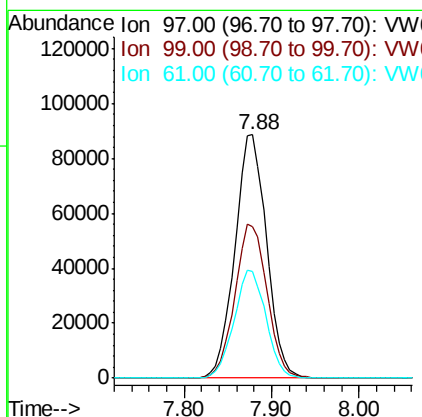
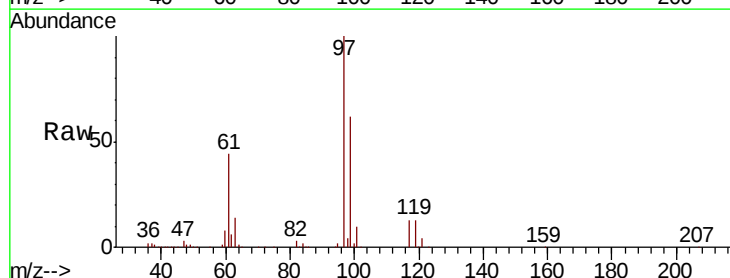
Instrument :
MSVOA_W
ClientSampled :

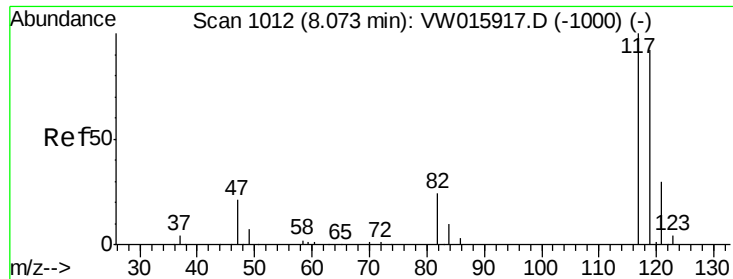
Tot Ion: 56 Resp: 251335
Ion Ratio Lower Upper
56 100
69 30.9 24.4 36.6
84 86.6 69.3 103.9



#31
1,1,1-Trichloroethane
Concen: 21.354 ug/L
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Tgt Ion: 97 Resp: 222928
Ion Ratio Lower Upper
97 100
99 64.4 51.9 77.9
61 44.4 37.6 56.4





#32

Carbon tetrachloride

Concen: 20.748 ug/L

RT: 8.07 min Scan# 1012

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

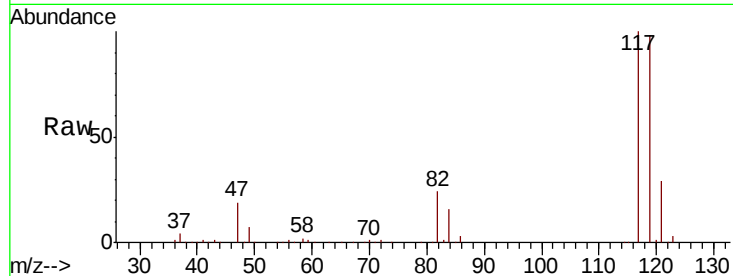
ClientSampleId :

Tot Ion:117 Resp: 196416

Ion Ratio Lower Upper

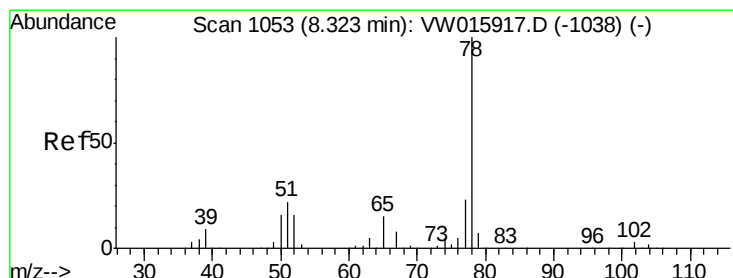
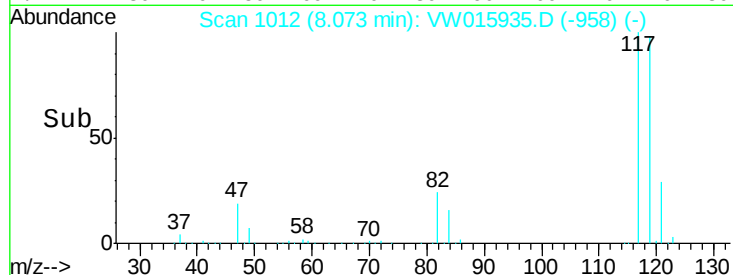
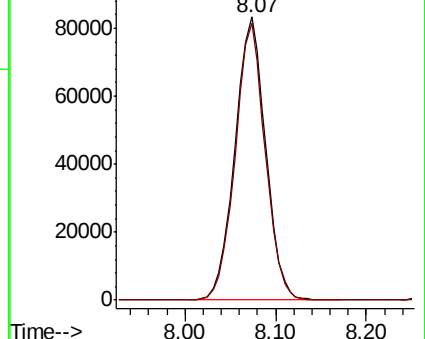
117 100

119 95.6 76.4 114.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#34

Benzene

Concen: 22.989 ug/L

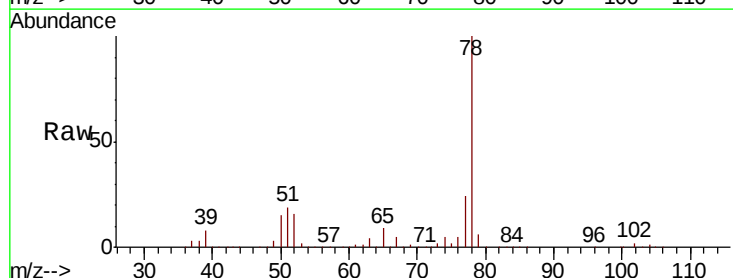
RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

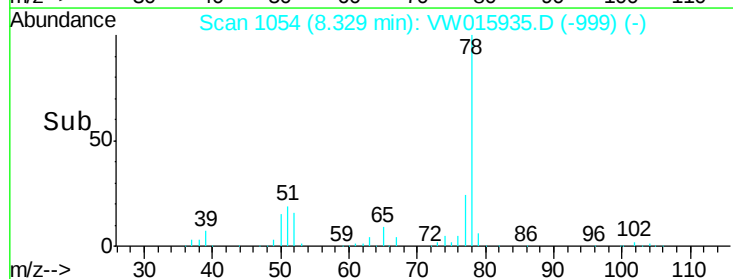
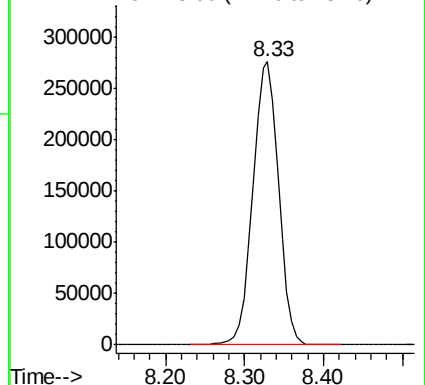
Lab File: VW015935.D

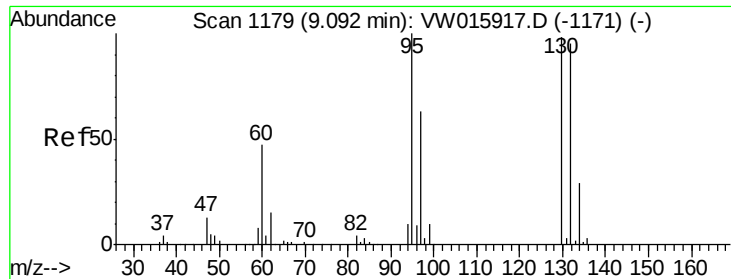
Acq: 23 Jul 2020 20:35

Tgt Ion: 78 Resp: 624246



Abundance Ion 78.00 (77.70 to 78.70): VW

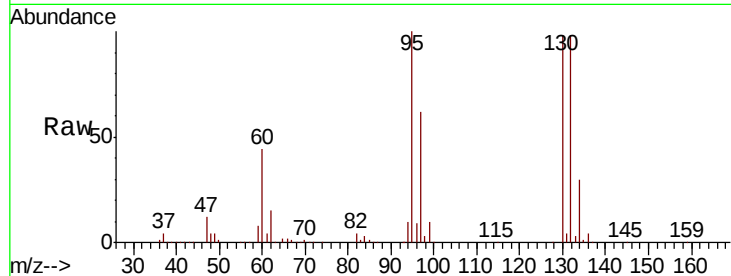




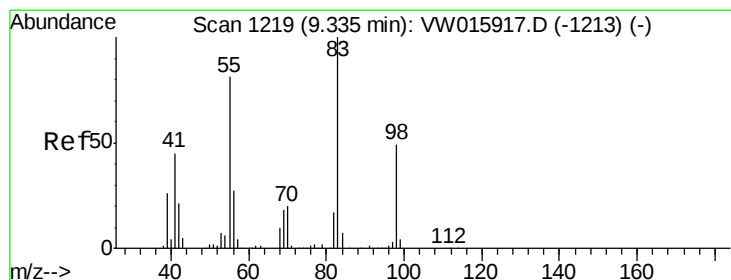
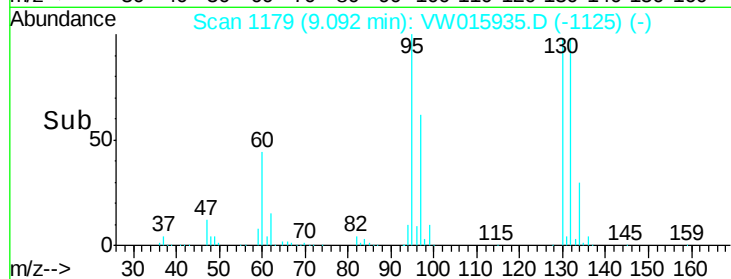
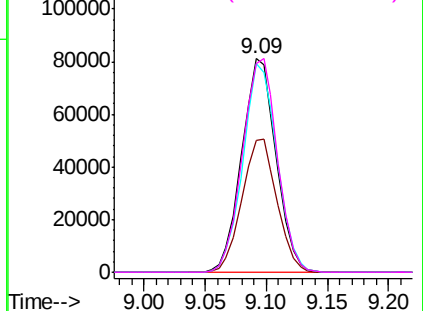
#35
 Trichloroethene
 Concen: 22.060 ug/L
 RT: 9.09 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 95 Resp: 158465
 Ion Ratio Lower Upper
 95 100
 97 63.4 44.4 82.4
 132 97.3 65.1 120.9
 130 101.7 68.6 127.4

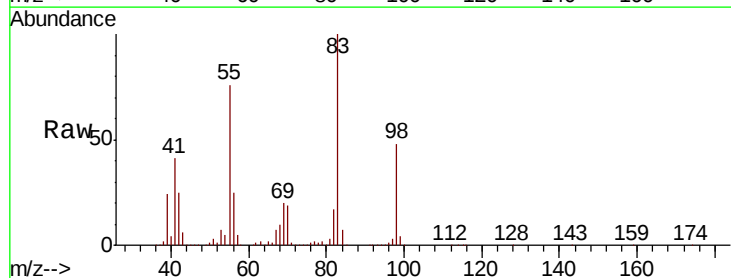


Abundance Ion 95.00 (94.70 to 95.70): VW
 Ion 97.00 (96.70 to 97.70): VW
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

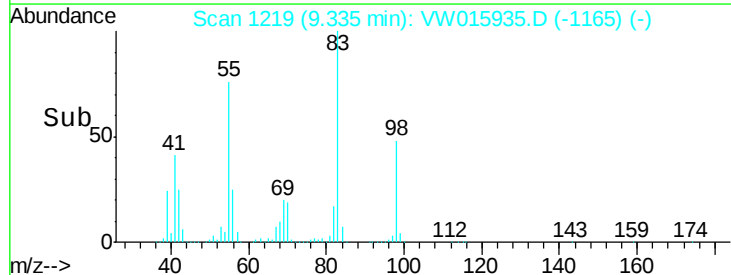
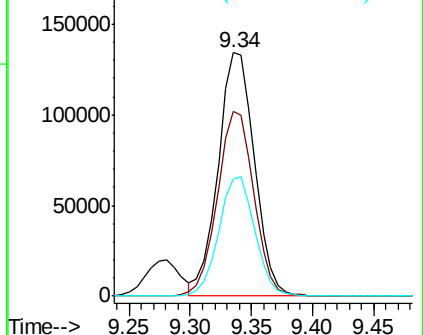


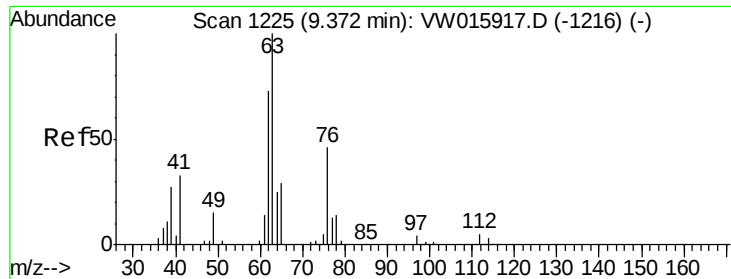
#36
 Methylcyclohexane
 Concen: 22.456 ug/L
 RT: 9.34 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

Tgt Ion: 83 Resp: 276787
 Ion Ratio Lower Upper
 83 100
 55 76.0 63.5 95.3
 98 48.9 39.0 58.4



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

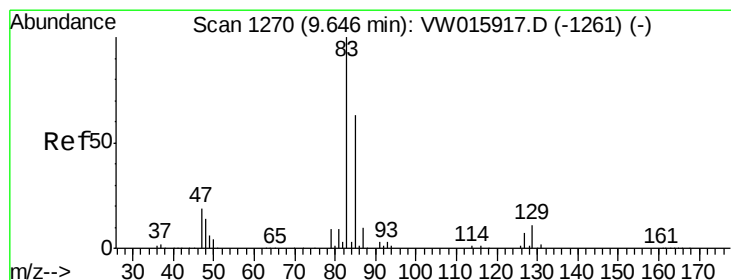
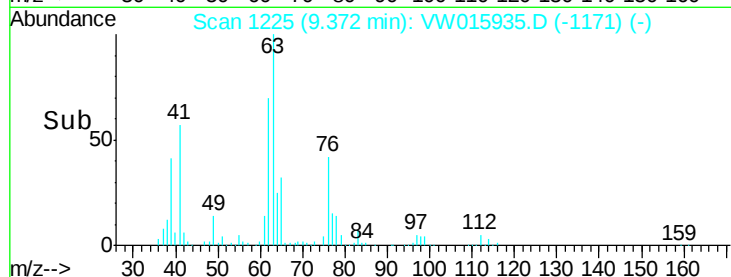
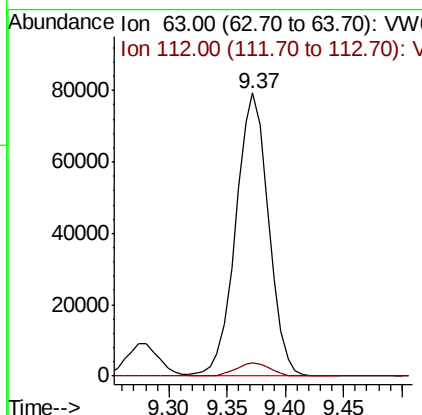
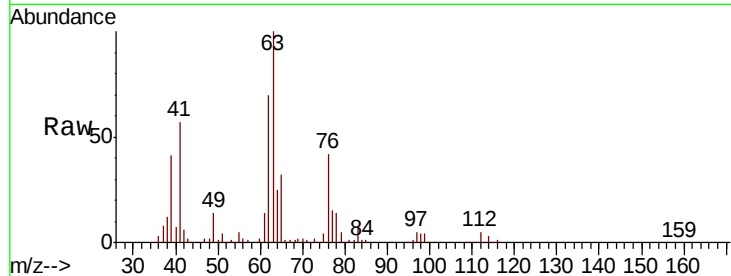




#40
 1,2-Dichloropropane
 Concen: 23.163 ug/L
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

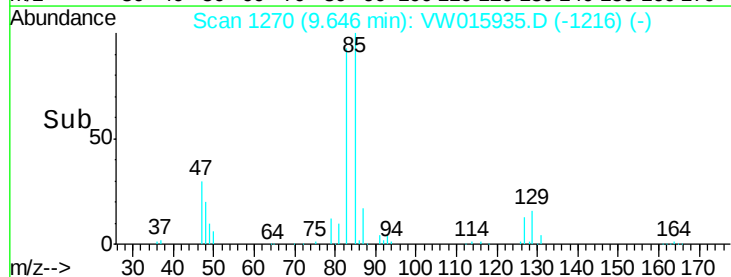
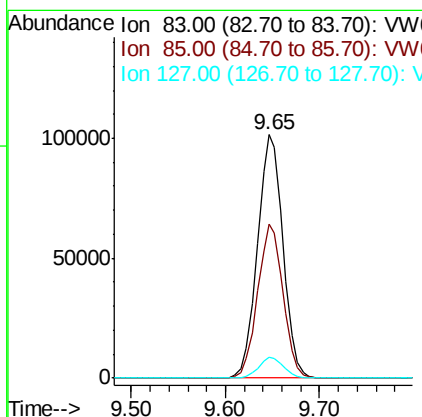
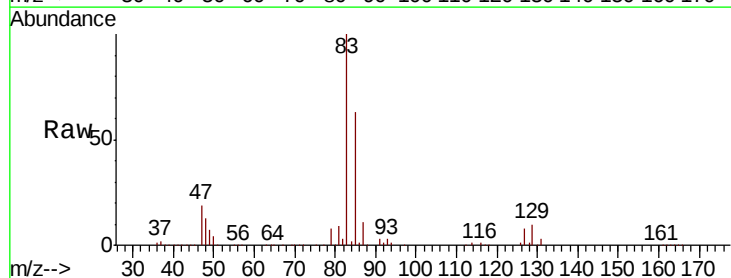
Instrument :
 MSVOA_W
 ClientSampleId :

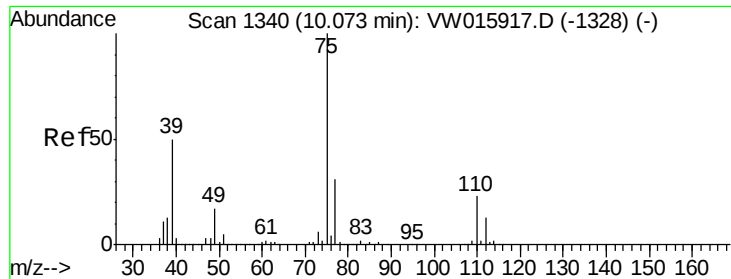
Tot Ion: 63 Resp: 155819
 Ion Ratio Lower Upper
 63 100
 112 4.9 3.7 5.5



#41
 Bromodichloromethane
 Concen: 22.238 ug/L
 RT: 9.65 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

Tgt Ion: 83 Resp: 193192
 Ion Ratio Lower Upper
 83 100
 85 63.5 43.7 81.1
 127 8.4 6.5 9.7





#42

cis-1,3-Dichloropropene

Concen: 22.954 ug/L

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

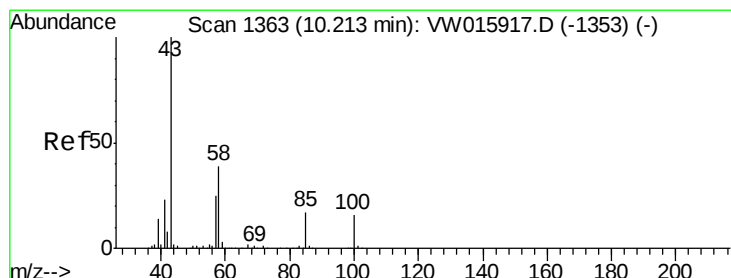
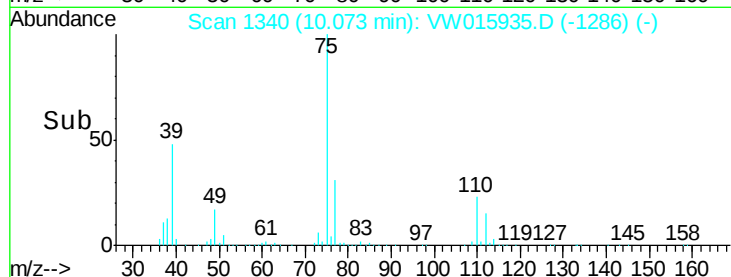
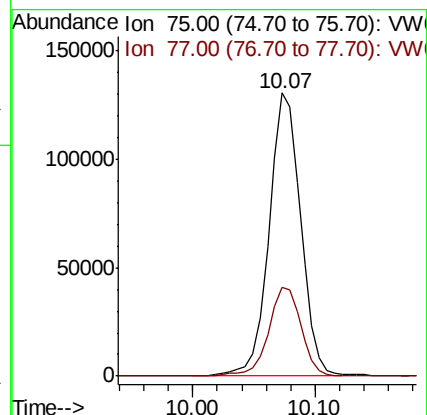
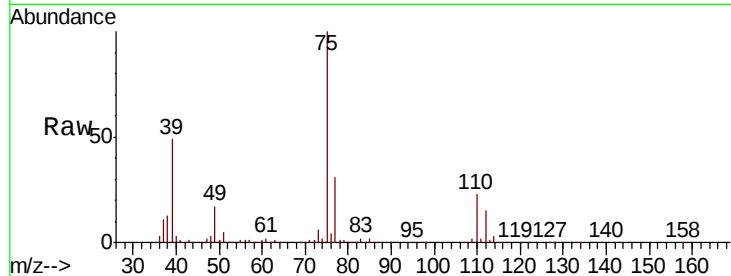
ClientSampled :

Tot Ion: 75 Resp: 235169

Ion Ratio Lower Upper

75 100

77 31.4 22.2 41.2



#43

4-Methyl-2-pentanone

Concen: 48.013 ug/L

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

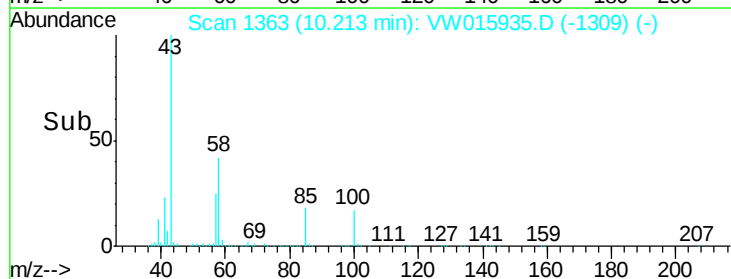
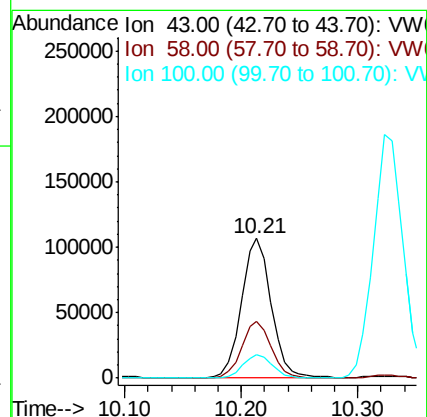
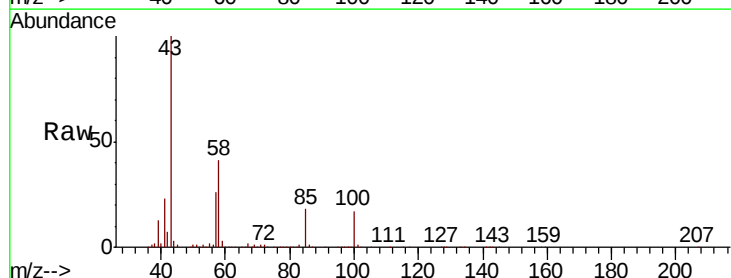
Tgt Ion: 43 Resp: 188524

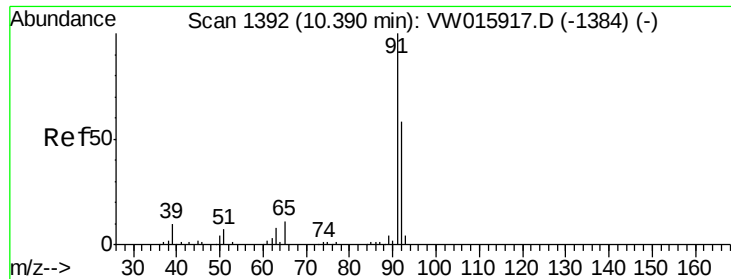
Ion Ratio Lower Upper

43 100

58 40.8 31.0 46.4

100 16.5 12.6 19.0





#44

Toluene

Concen: 23.455 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

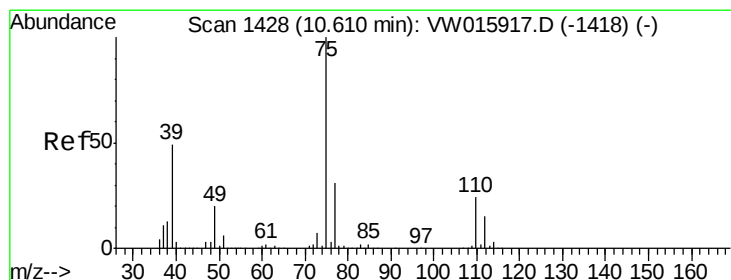
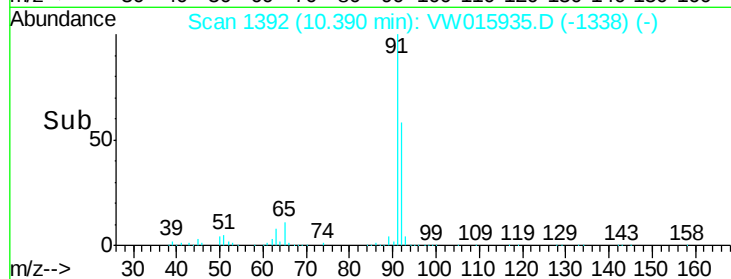
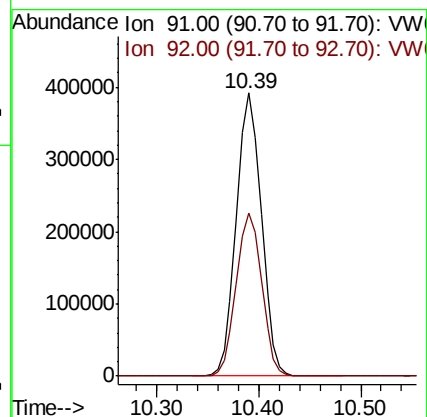
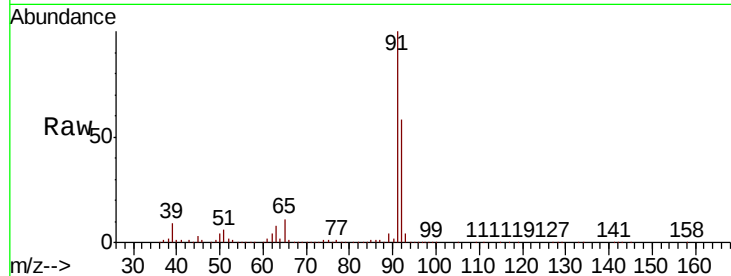
ClientSampled :

Tot Ion: 91 Resp: 668008

Ion Ratio Lower Upper

91 100

92 57.6 41.2 76.4



#45

trans-1,3-Dichloropropene

Concen: 22.774 ug/L

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW015935.D

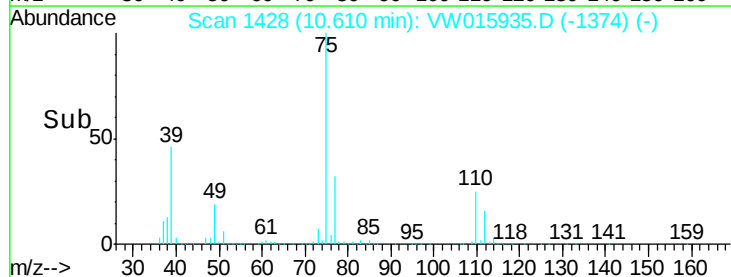
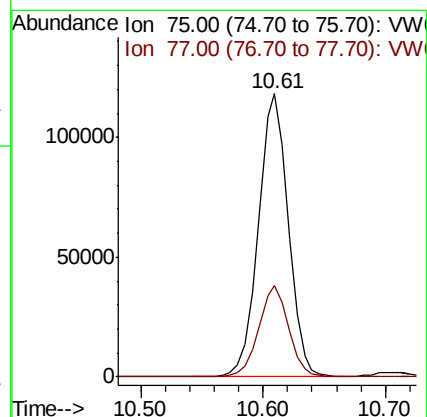
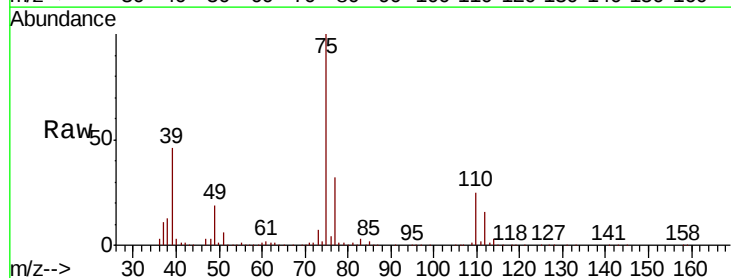
Acq: 23 Jul 2020 20:35

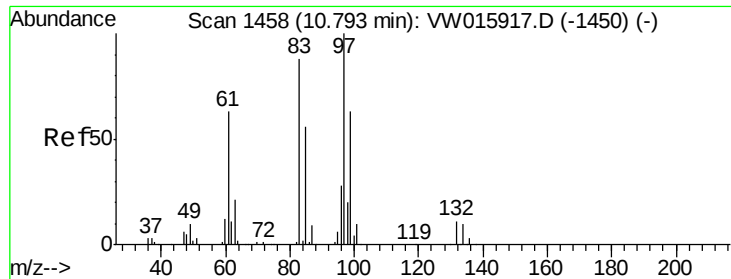
Tgt Ion: 75 Resp: 202244

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9

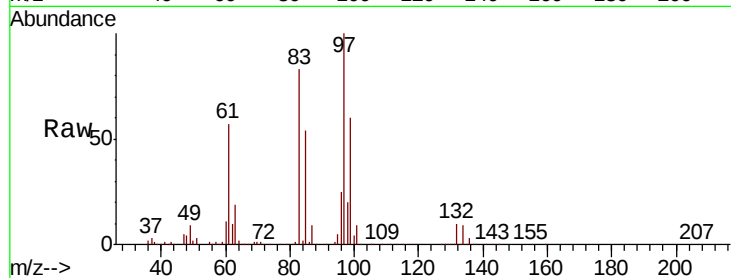




#46
1,1,2-Trichloroethane
Concen: 23.801 ug/L
RT: 10.79 min Scan# 1458
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	97	Resp:	115135
Ion	Ratio	Lower	Upper
97	100		
83	82.9	60.6	112.6
85	54.3	38.9	72.2
99	60.2	43.1	80.1



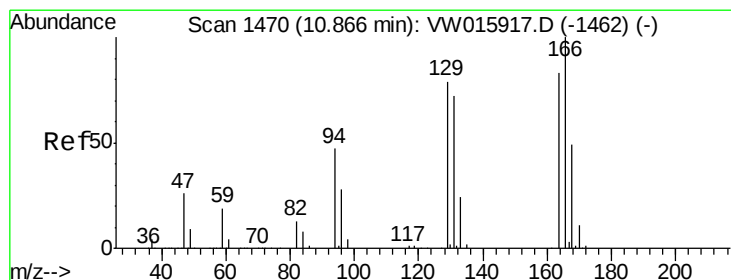
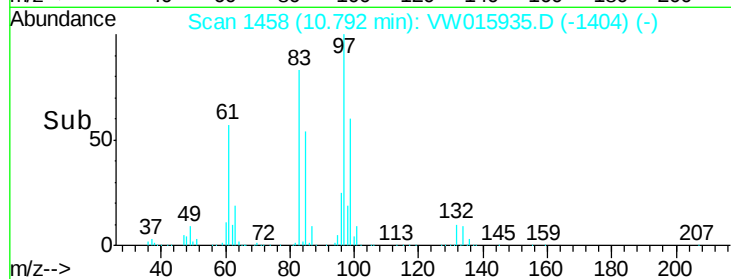
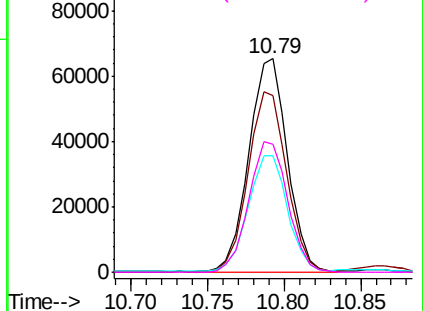
Abundance

Ion 97.00 (96.70 to 97.70): VW

Ion 83.00 (82.70 to 83.70): VW

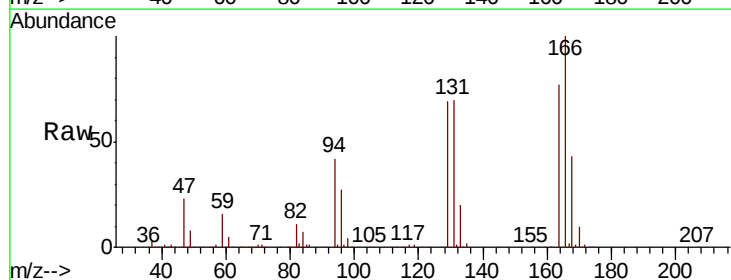
Ion 85.00 (84.70 to 85.70): VW

Ion 99.00 (98.70 to 99.70): VW



#47
Tetrachloroethene
Concen: 22.007 ug/L
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Tgt Ion:	164	Resp:	122707
Ion	Ratio	Lower	Upper
164	100		
129	89.5	70.0	130.0
131	90.5	67.3	124.9
166	129.4	88.5	164.3



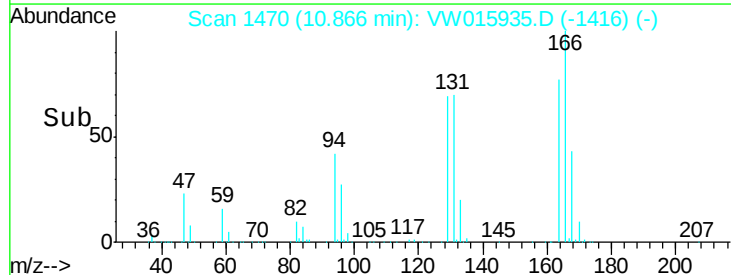
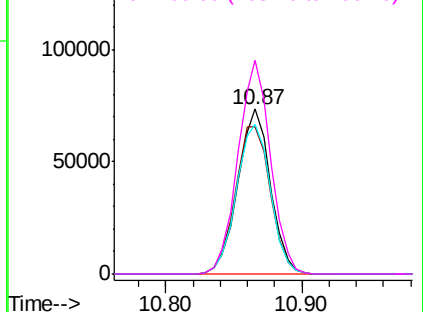
Abundance

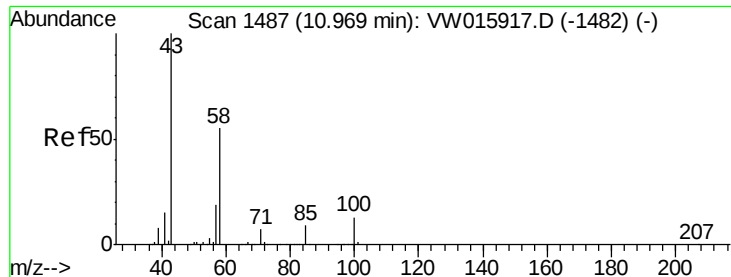
Ion 164.00 (163.70 to 164.70): V

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: 46.640 ug/L

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 129958

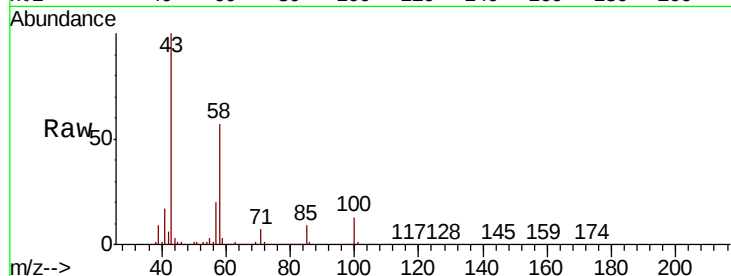
Ion Ratio Lower Upper

43 100

58 56.0 42.4 63.6

57 19.3 15.6 23.4

100 13.2 9.8 14.6

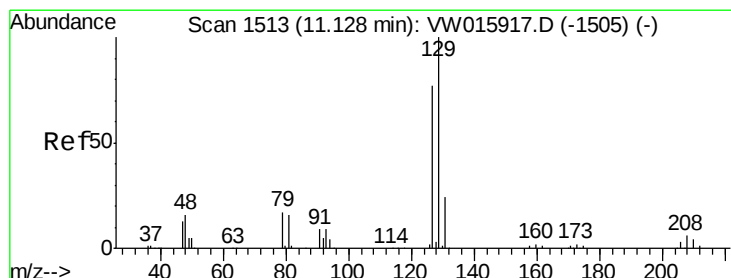
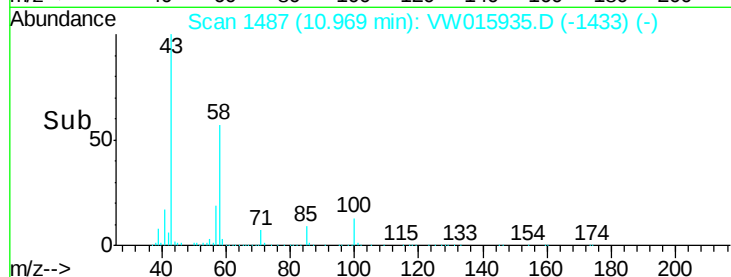
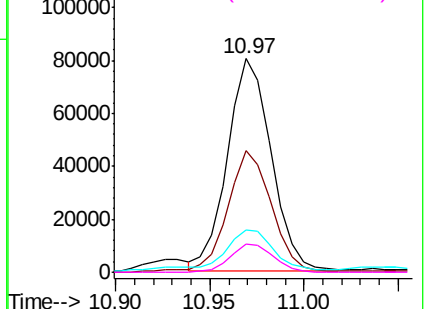


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#50

Dibromochloromethane

Concen: 22.925 ug/L

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW015935.D

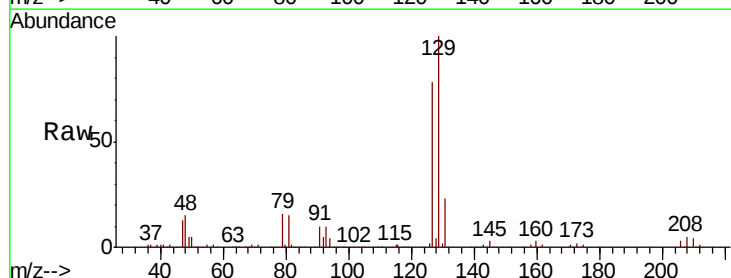
Acq: 23 Jul 2020 20:35

Tgt Ion:129 Resp: 128393

Ion Ratio Lower Upper

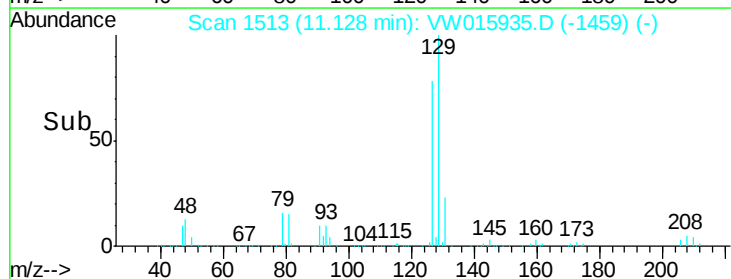
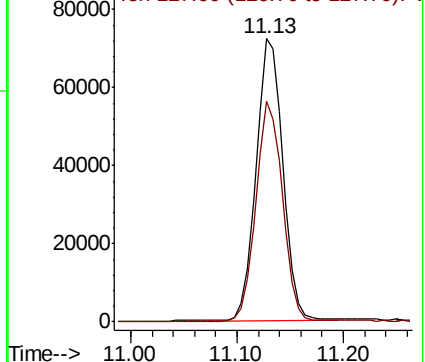
129 100

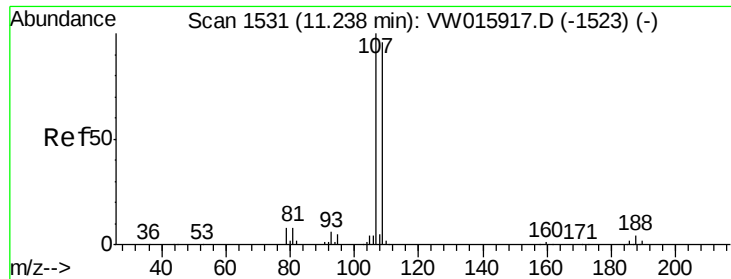
127 78.1 53.8 100.0



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

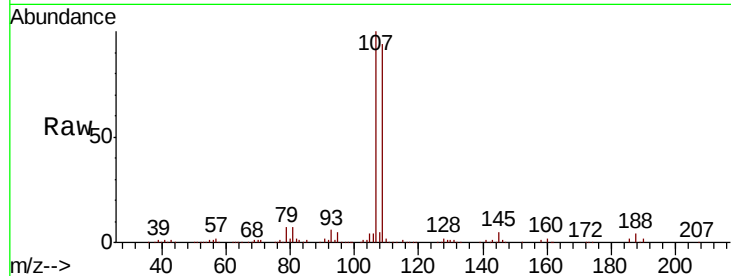




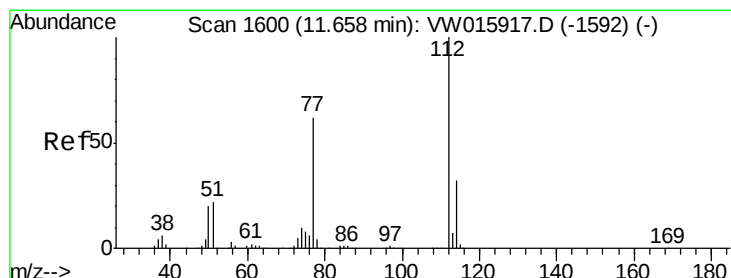
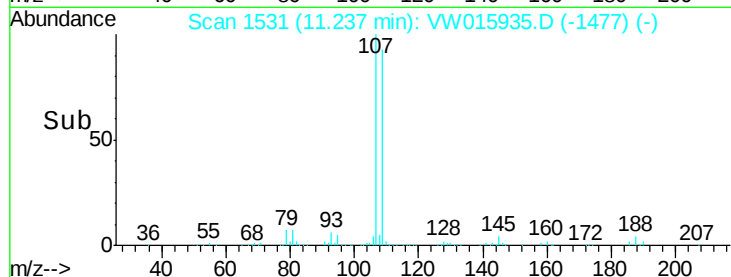
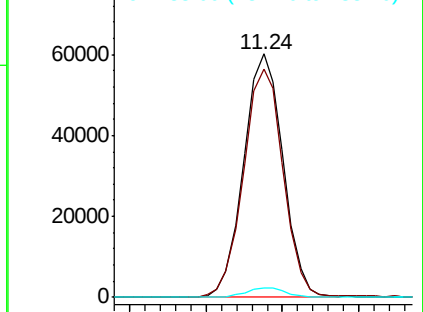
#51
1,2-Dibromoethane
Concen: 23.163 ug/L
RT: 11.24 min Scan# 1531
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	66.9	124.3
188	3.9	3.2	4.8

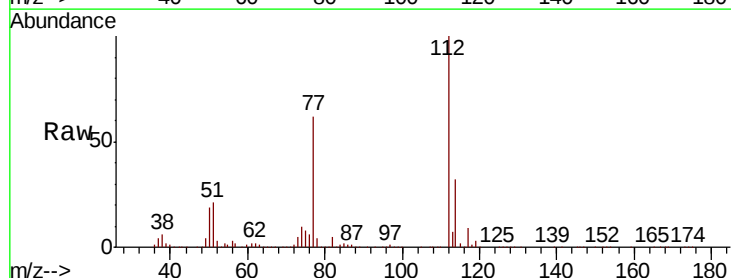


Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V
Ion 188.00 (187.70 to 188.70): V

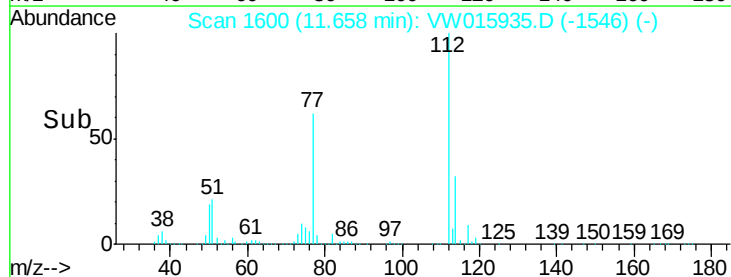
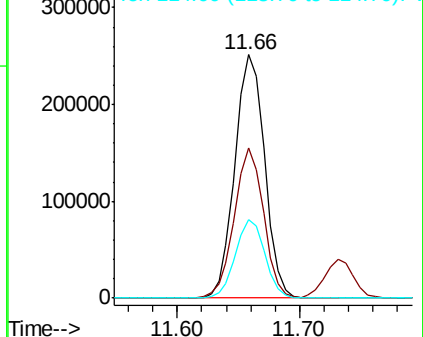


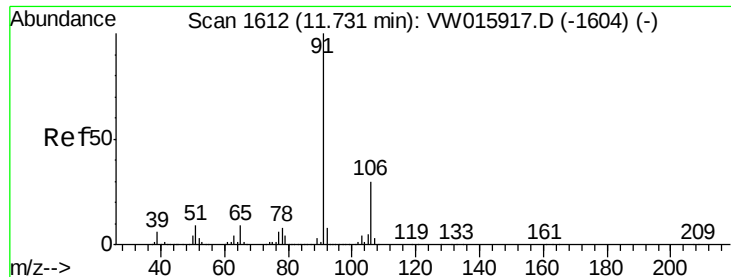
#52
Chlorobenzene
Concen: 23.106 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Tgt Ion	Ratio	Lower	Upper
112	100		
77	61.6	47.8	71.6
114	32.5	22.1	41.1



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

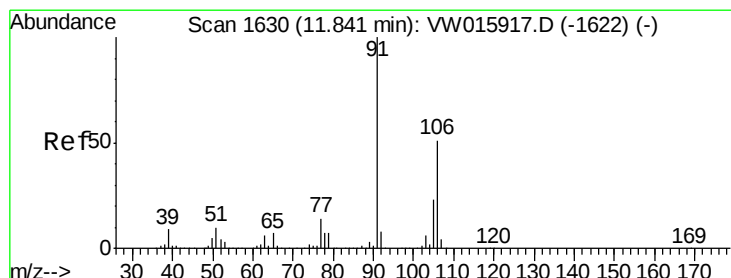
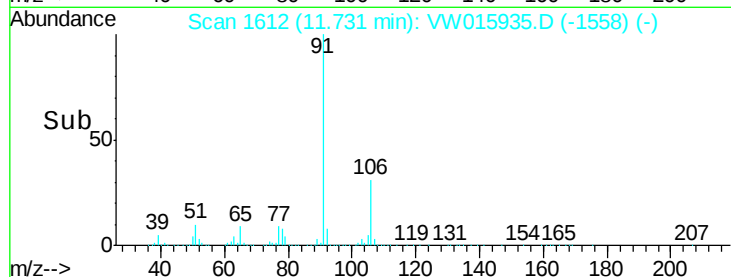
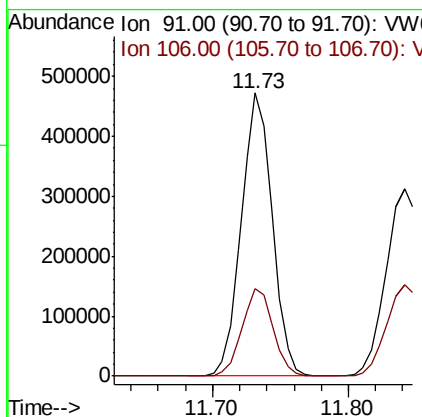
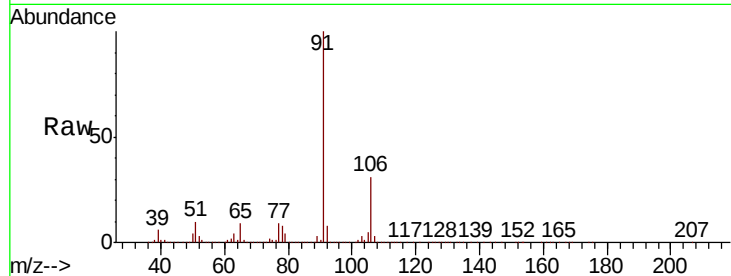




#53
Ethylbenzene
Concen: 23.391 ug/L
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

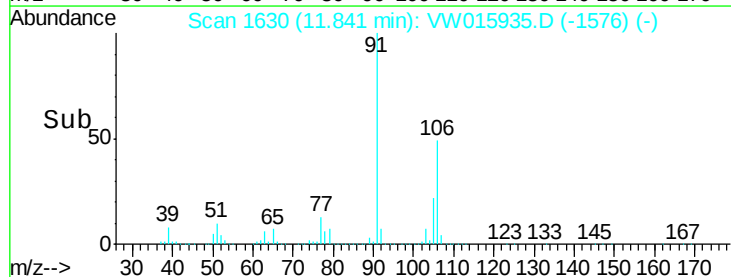
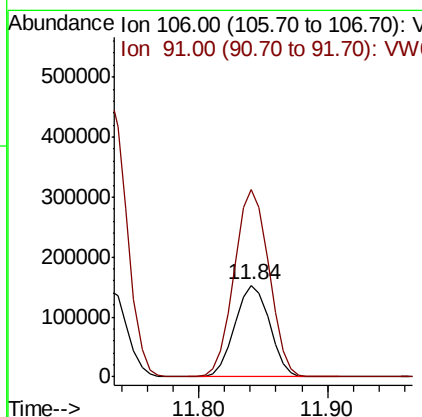
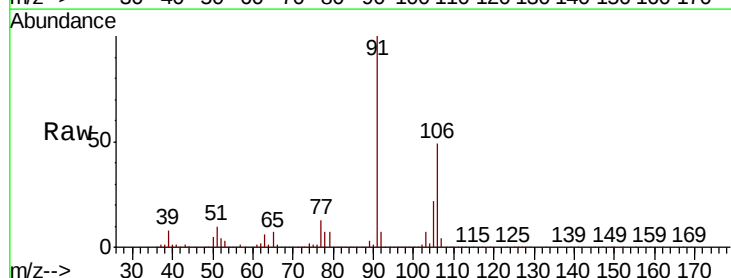
Instrument :
MSVOA_W
ClientSampled :

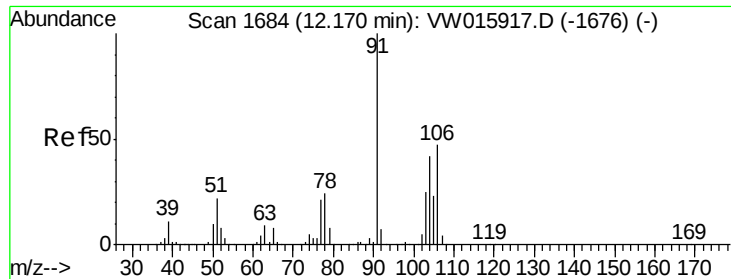
Tot Ion: 91 Resp: 749104
Ion Ratio Lower Upper
91 100
106 30.8 22.4 41.6



#54
m,p-Xylene
Concen: 23.976 ug/L
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Tgt Ion: 106 Resp: 287276
Ion Ratio Lower Upper
106 100
91 204.4 144.1 267.5

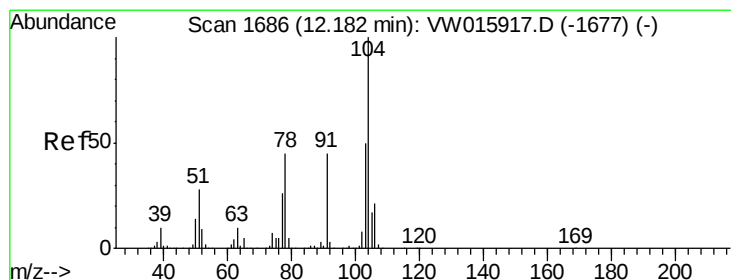
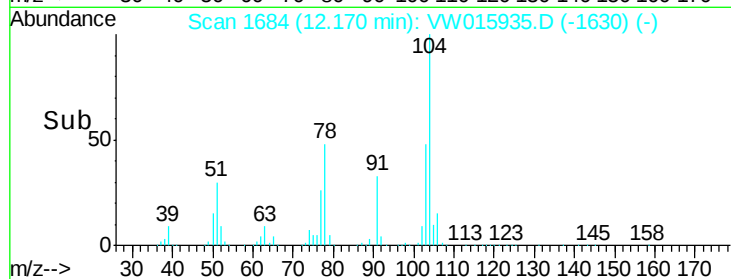
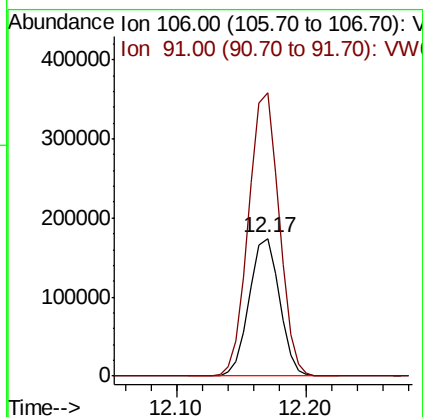
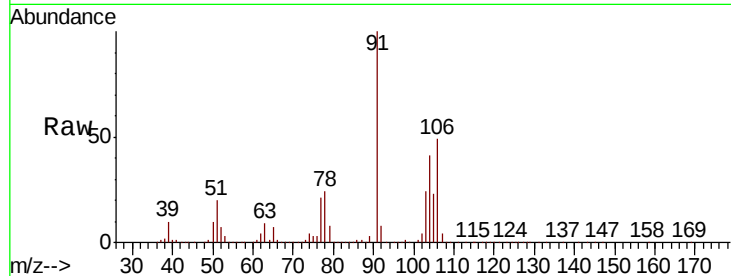




#55
o-xylene
Concen: 25.044 ug/L
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

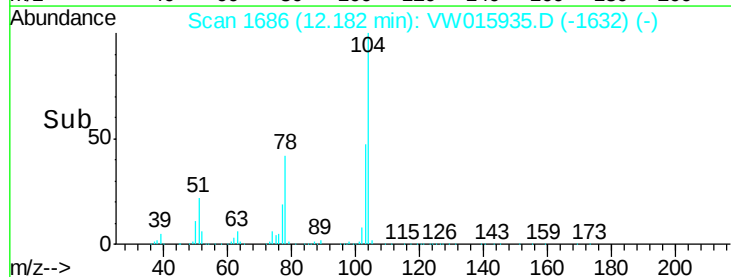
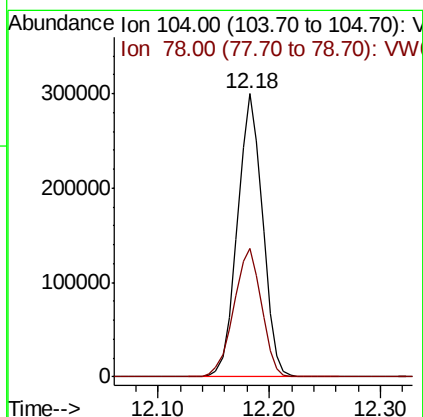
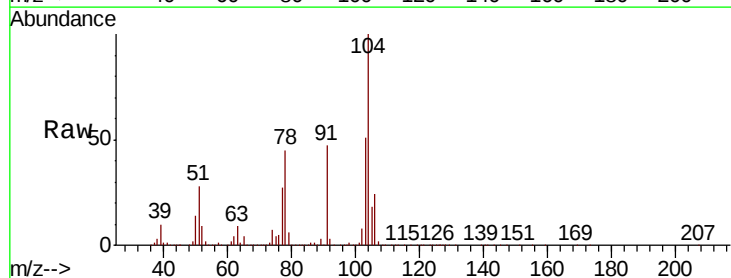
Instrument :
MSVOA_W
ClientSampled :

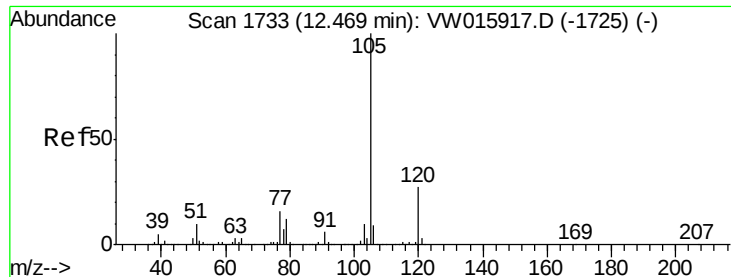
Tot Ion:106 Resp: 282557
Ion Ratio Lower Upper
106 100
91 205.4 146.8 272.6



#56
Styrene
Concen: 24.486 ug/L
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015935.D
Acq: 23 Jul 2020 20:35

Tgt Ion:104 Resp: 469804
Ion Ratio Lower Upper
104 100
78 45.5 32.0 59.4





#57

Isopropylbenzene

Concen: 24.807 ug/L

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW015935.D

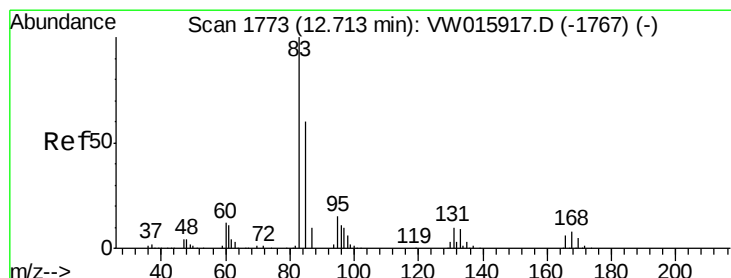
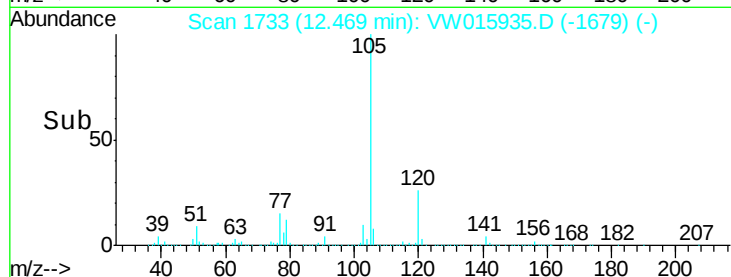
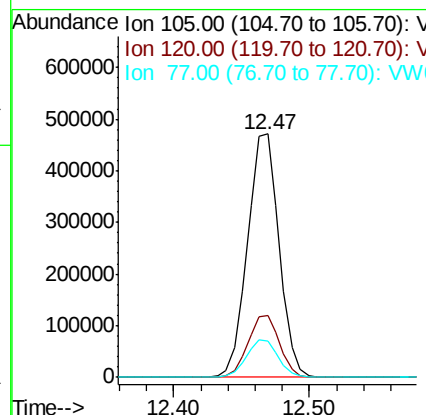
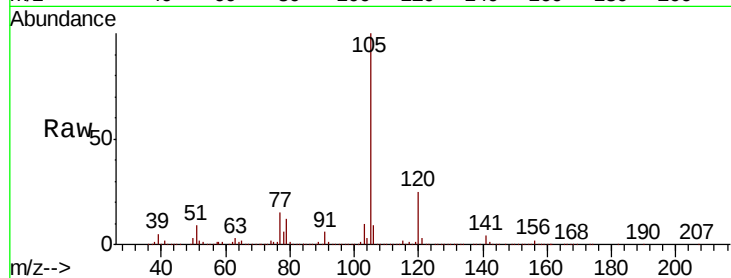
Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	105	Resp:	761897
Ion	Ratio	Lower	Upper
105	100		
120	25.6	20.4	30.6
77	15.7	12.9	19.3



#58

1,1,2,2-Tetrachloroethane

Concen: 23.522 ug/L

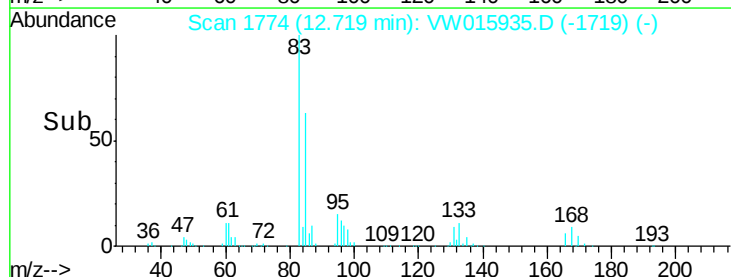
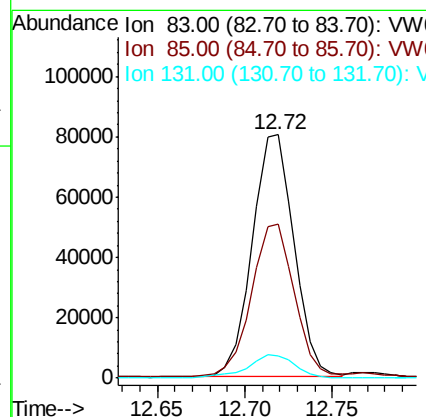
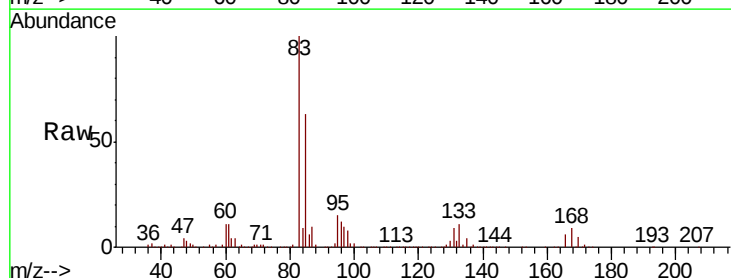
RT: 12.72 min Scan# 1774

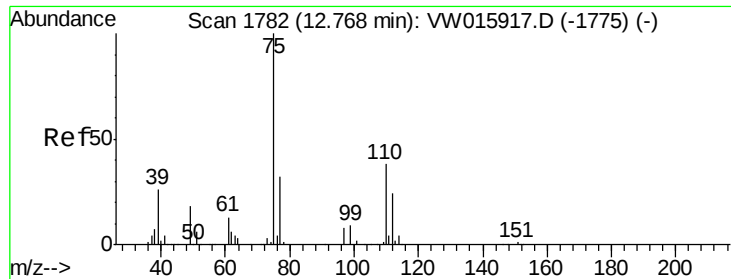
Delta R.T. 0.01 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Tgt Ion:	83	Resp:	133612
Ion	Ratio	Lower	Upper
83	100		
85	63.2	45.1	83.7
131	9.4	8.2	12.4

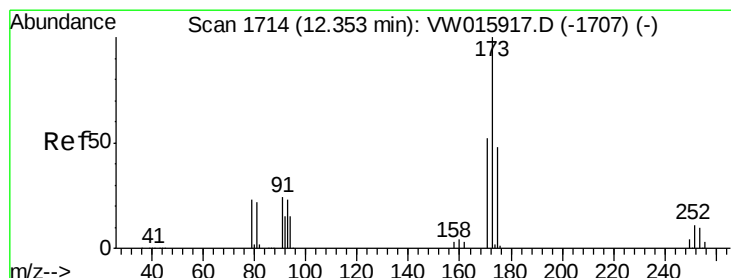
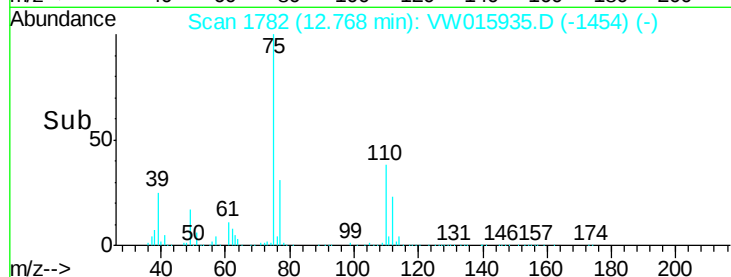
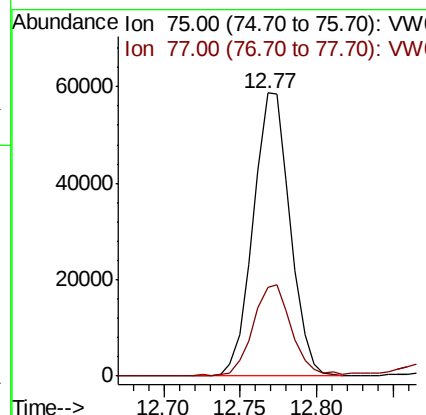
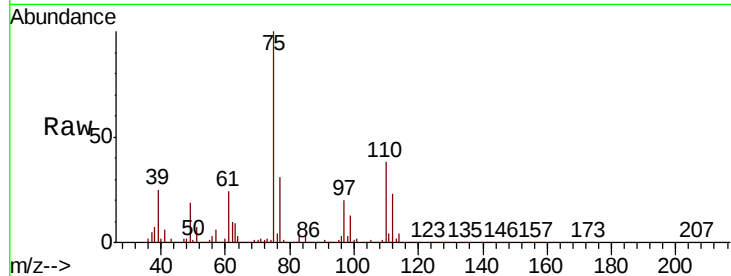




#59
 1,2,3-Trichloropropane
 Concen: 23.142 ug/L
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

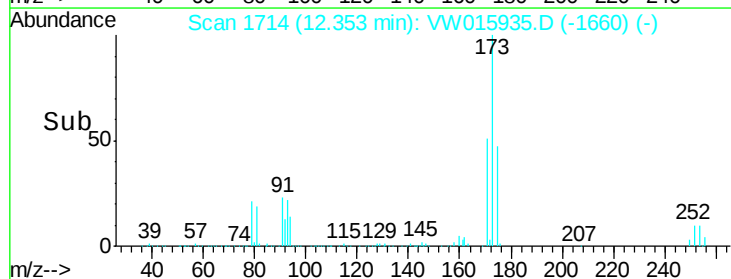
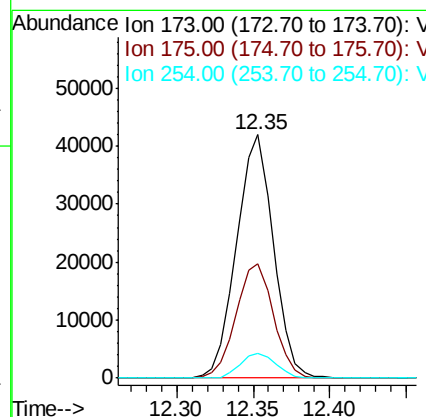
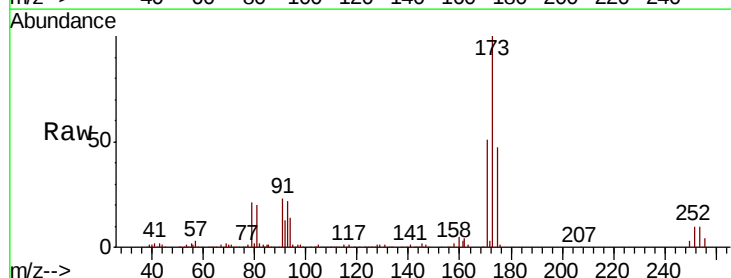
Instrument :
 MSVOA_W
 ClientSampleId :

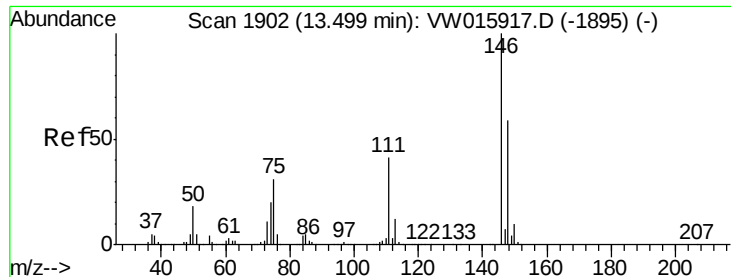
Tot Ion: 75 Resp: 98494
 Ion Ratio Lower Upper
 75 100
 77 33.0 26.0 39.0



#62
 Bromoform
 Concen: 22.487 ug/L
 RT: 12.35 min Scan# 1714
 Delta R.T. -0.00 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

Tgt Ion: 173 Resp: 70166
 Ion Ratio Lower Upper
 173 100
 175 47.8 38.7 58.1
 254 9.7 7.9 11.9

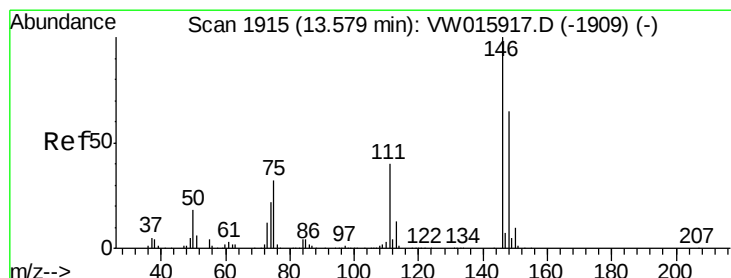
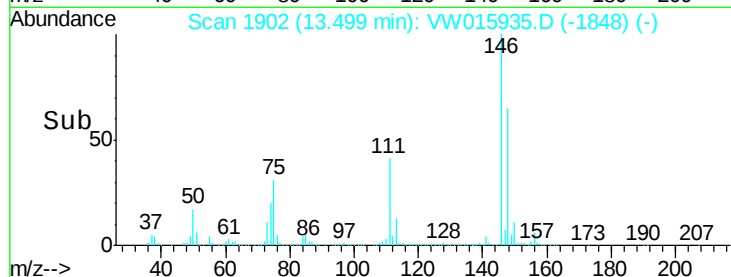
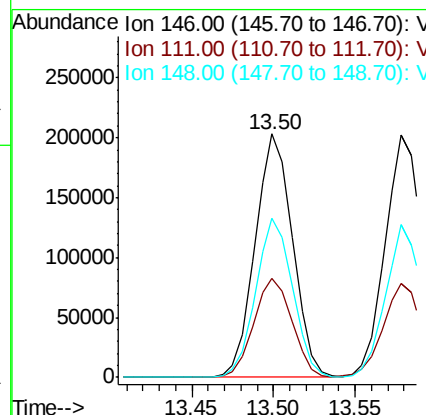
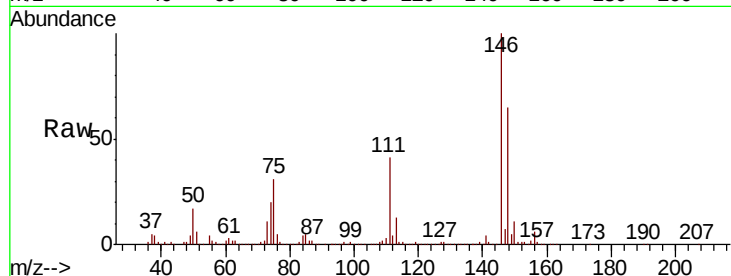




#63
 1,3-Dichlorobenzene
 Concen: 23.914 ug/L
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

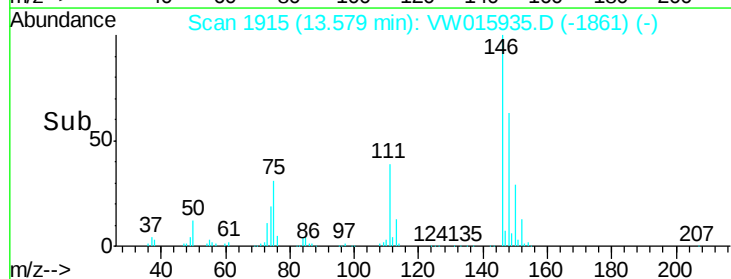
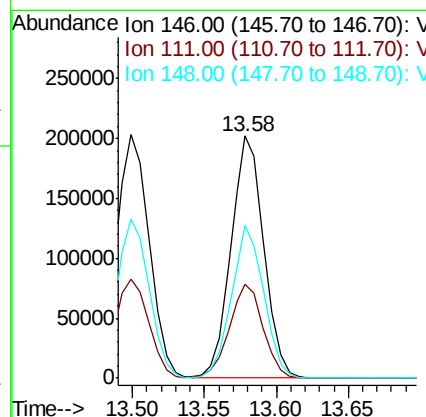
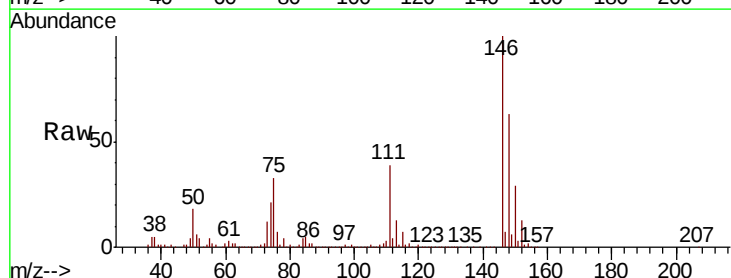
Instrument :
 MSVOA_W
 ClientSampled :

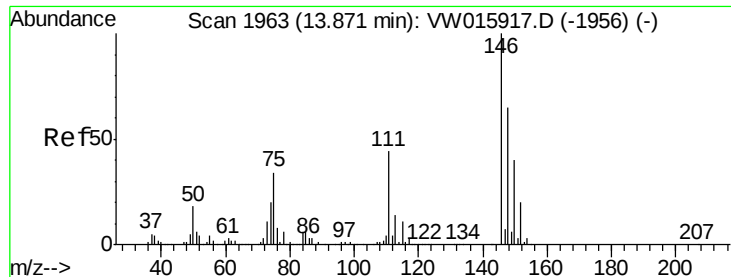
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	27.9	51.7
148	65.1	43.2	80.2



#64
 1,4-Dichlorobenzene
 Concen: 23.342 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	29.3	54.3
148	63.1	44.5	82.7





#65

1,2-Dichlorobenzene

Concen: 23.716 ug/L

RT: 13.87 min Scan# 1963

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

ClientSampled :

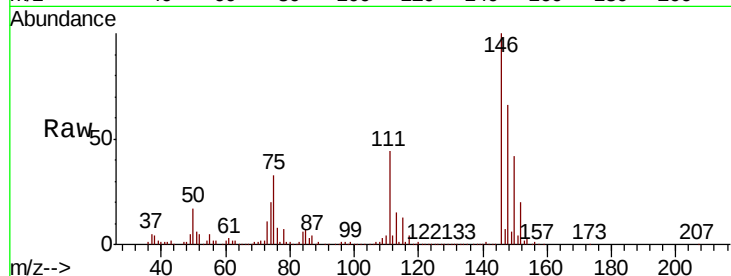
Tot Ion:146 Resp: 292434

Ion Ratio Lower Upper

146 100

111 44.3 32.9 49.3

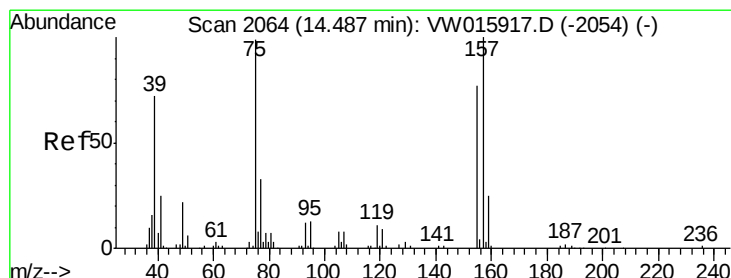
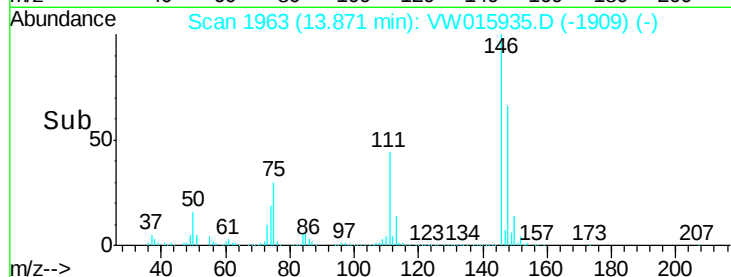
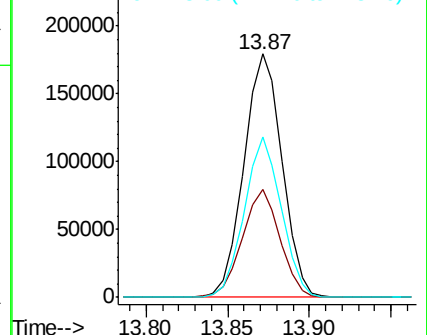
148 65.8 48.8 73.2



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: 23.086 ug/L

RT: 14.49 min Scan# 2064

Delta R.T. -0.00 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

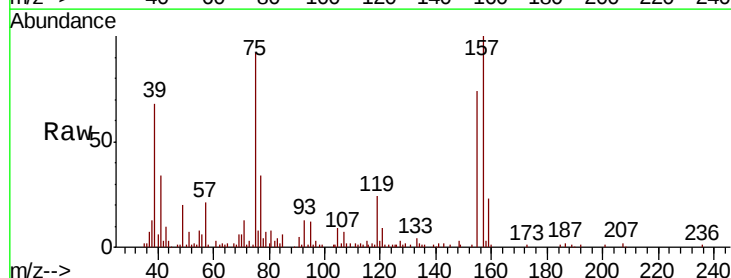
Tgt Ion: 75 Resp: 21426

Ion Ratio Lower Upper

75 100

157 109.1 83.0 124.4

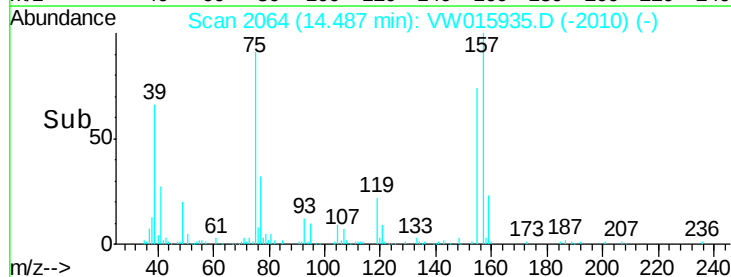
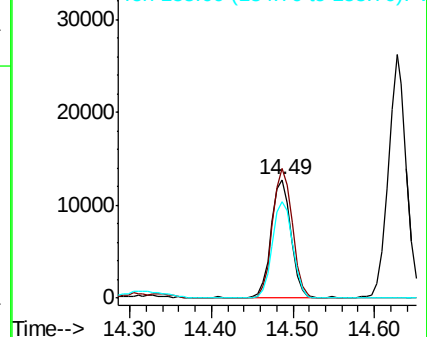
155 81.2 66.9 100.3

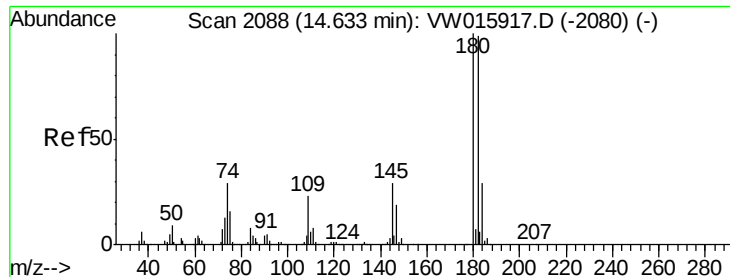


Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 157.00 (156.70 to 157.70): V

Ion 155.00 (154.70 to 155.70): V

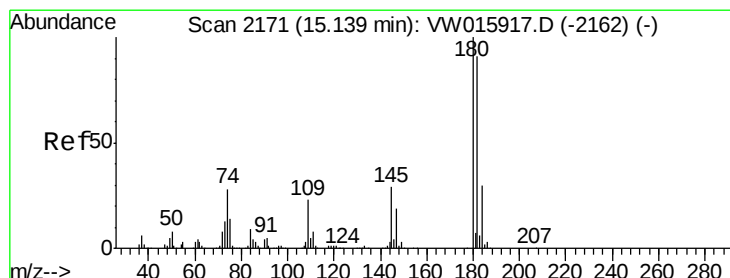
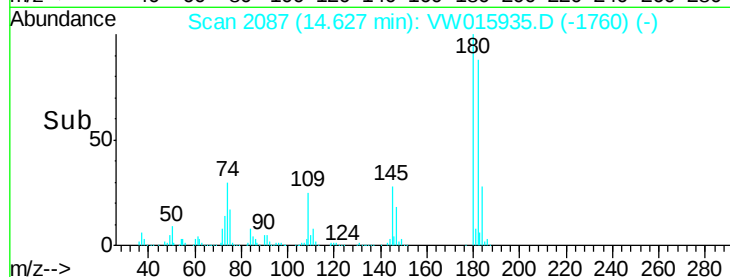
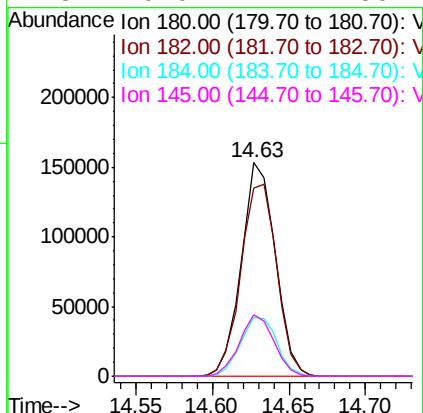
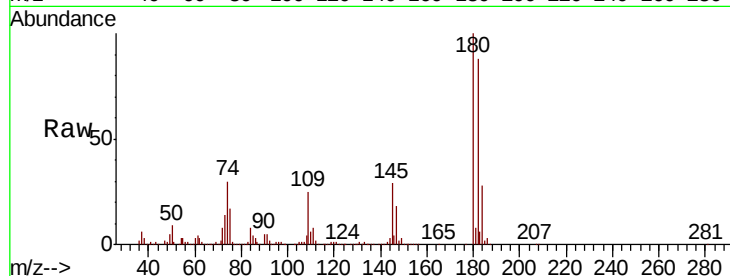




#67
 1,3,5-Trichlorobenzene
 Concen: 24.857 ug/L
 RT: 14.63 min Scan# 2087
 Delta R.T. -0.01 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

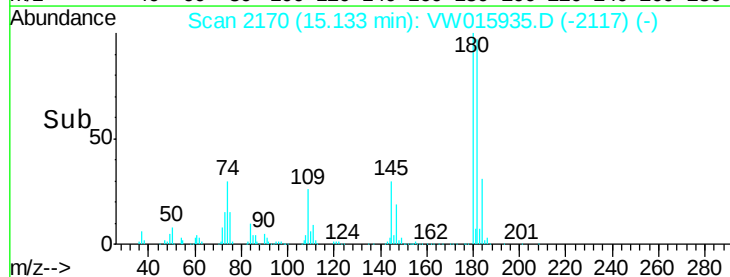
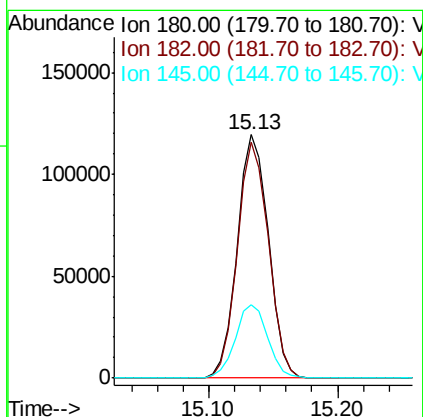
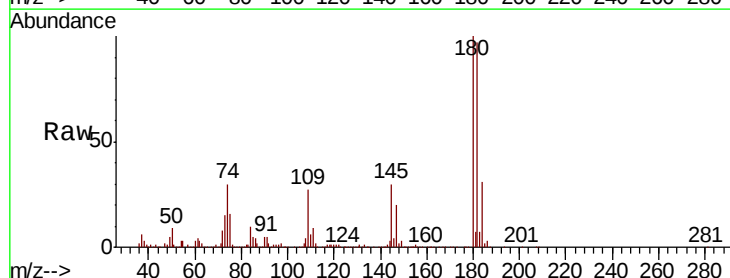
Instrument :
 MSVOA_W
 ClientSampleId :

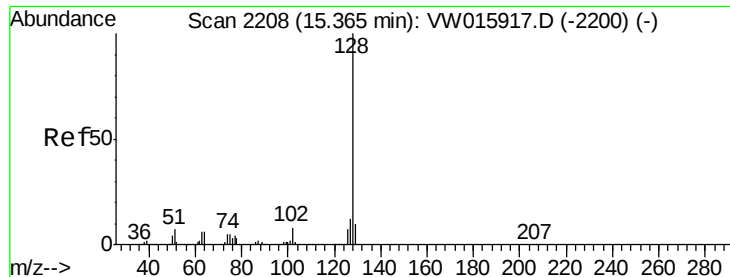
Tot Ion:180	Resp:	237267
Ion Ratio	Lower	Upper
180	100	
182	94.7	75.4 113.0
184	29.7	24.6 37.0
145	29.0	24.1 36.1



#68
 1,2,4-trichlorobenzene
 Concen: 26.335 ug/L
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW015935.D
 Acq: 23 Jul 2020 20:35

Tgt Ion:180	Resp:	199668
Ion Ratio	Lower	Upper
180	100	
182	96.8	76.0 114.0
145	31.0	24.3 36.5





#69

Naphthalene

Concen: 28.797 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. 0.01 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

Instrument :

MSVOA_W

ClientSampleId :

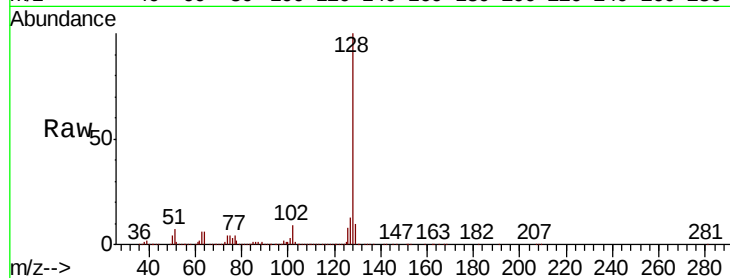
Tot Ion:128 Resp: 411322

Ion Ratio Lower Upper

128 100

129 10.8 8.6 12.8

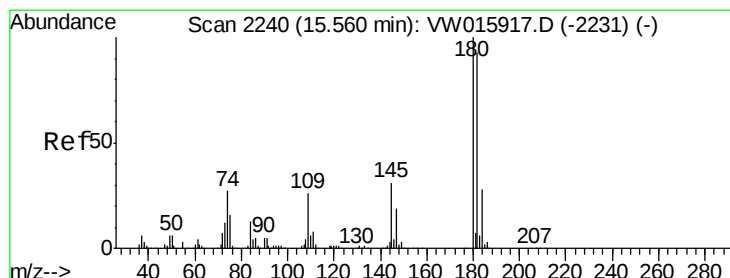
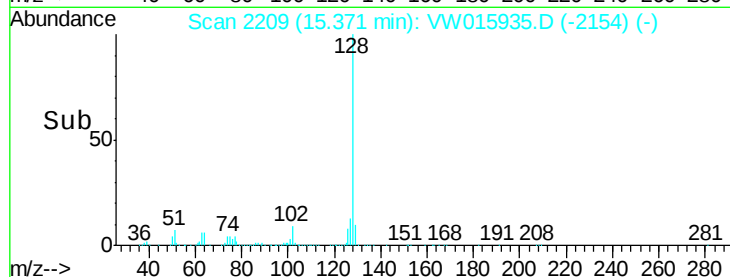
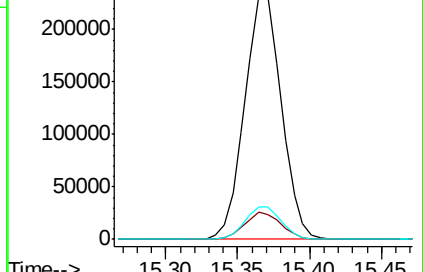
127 13.1 10.5 15.7



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: 25.573 ug/L

RT: 15.55 min Scan# 2239

Delta R.T. -0.01 min

Lab File: VW015935.D

Acq: 23 Jul 2020 20:35

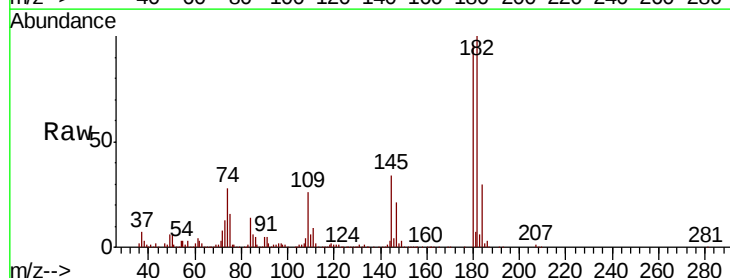
Tgt Ion:180 Resp: 172753

Ion Ratio Lower Upper

180 100

182 100.3 74.0 111.0

145 35.5 25.9 38.9



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

