

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101320\
 Data File : VW016881.D
 Acq On : 12 Oct 2020 14:40
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 12 23:19:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 05:14:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	401911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	567934	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	518065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	258039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	169414	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.88	113	186630	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
50) Toluene-d8	10.32	98	705009	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
62) 4-Bromofluorobenzene	12.62	95	246709	54.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	90843	45.877	ug/l	98
3) Chloromethane	2.21	50	99312	41.318	ug/l	96
4) Vinyl Chloride	2.37	62	161309	46.409	ug/l	99
5) Bromomethane	2.78	94	119383	44.722	ug/l	97
6) Chloroethane	2.92	64	104060	47.044	ug/l	99
7) Trichlorofluoromethane	3.26	101	102229	40.398	ug/l	100
8) Diethyl Ether	3.68	74	77156	48.816	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	158156	46.415	ug/l	100
10) Methyl Iodide	4.28	142	262945	48.270	ug/l	99
11) Tert butyl alcohol	5.17	59	41573	260.211	ug/l #	88
12) 1,1-Dichloroethene	4.04	96	163317	48.558	ug/l	98
13) Acrolein	3.89	56	52362	242.425	ug/l	99
14) Allyl chloride	4.67	41	199969	49.669	ug/l	100
15) Acrylonitrile	5.37	53	133230	253.232	ug/l	99
16) Acetone	4.12	43	138221	261.053	ug/l	99
17) Carbon Disulfide	4.39	76	437059	48.842	ug/l	99
18) Methyl Acetate	4.67	43	59600	49.077	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	173758	47.934	ug/l	100
20) Methylene Chloride	4.92	84	175890	50.305	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	189931	50.302	ug/l	98
22) Diisopropyl ether	6.31	45	365197	49.910	ug/l	99
23) Vinyl Acetate	6.25	43	1201991	256.365	ug/l	100
24) 1,1-Dichloroethane	6.21	63	289432	49.884	ug/l	99
25) 2-Butanone	7.17	43	183256	259.616	ug/l	99
26) 2,2-Dichloropropane	7.17	77	171910	48.428	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	201876	49.920	ug/l	99
28) Bromochloromethane	7.51	49	124711	53.705	ug/l	100
29) Tetrahydrofuran	7.53	42	102876	260.196	ug/l	99
30) Chloroform	7.68	83	311071	49.317	ug/l	97
31) Cyclohexane	7.96	56	225078	45.479	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	261631	49.175	ug/l	99
36) 1,1-Dichloropropene	8.09	75	244799	49.865	ug/l	100
37) Ethyl Acetate	7.25	43	82541	51.456	ug/l	99
38) Carbon Tetrachloride	8.07	117	262040	51.331	ug/l	92

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	281195	50.223	ug/l	97
40) Benzene	8.32	78	692280	50.605	ug/l	99
41) Methacrylonitrile	7.48	41	46313	48.722	ug/l	99
42) 1,2-Dichloroethane	8.40	62	189543	50.653	ug/l	100
43) Isopropyl Acetate	8.43	43	160138	52.112	ug/l	100
44) Trichloroethene	9.09	130	211955	50.058	ug/l	97
45) 1,2-Dichloropropane	9.37	63	157129	50.367	ug/l	100
46) Dibromomethane	9.46	93	91336	51.187	ug/l	99
47) Bromodichloromethane	9.65	83	230782	52.017	ug/l	97
48) Methyl methacrylate	9.44	41	75721	53.472	ug/l	99
49) 1,4-Dioxane	9.45	88	21204	1033.094	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	399383	256.904	ug/l	100
52) Toluene	10.39	92	455934	50.418	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	217490	53.847	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	261929	53.092	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	129693	51.063	ug/l	99
56) Ethyl methacrylate	10.65	69	147305	53.313	ug/l	99
57) 1,3-Dichloropropane	10.93	76	213576	50.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	398309	260.143	ug/l	100
59) 2-Hexanone	10.97	43	273372	265.774	ug/l	99
60) Dibromochloromethane	11.13	129	164935	52.944	ug/l	96
61) 1,2-Dibromoethane	11.23	107	127646	50.748	ug/l	98
64) Tetrachloroethene	10.87	164	179782	48.708	ug/l	97
65) Chlorobenzene	11.66	112	498834	49.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	184572	51.362	ug/l	99
67) Ethyl Benzene	11.73	91	894244	50.502	ug/l	99
68) m/p-Xylenes	11.84	106	694510	100.847	ug/l	100
69) o-Xylene	12.16	106	321771	50.915	ug/l	99
70) Styrene	12.18	104	542579	51.585	ug/l	100
71) Bromoform	12.35	173	94351	52.298	ug/l #	99
73) Isopropylbenzene	12.46	105	910967	53.115	ug/l	100
74) N-amyl acetate	12.27	43	145917	52.966	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	136495	50.722	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	95526m	49.614	ug/l	
77) Bromobenzene	12.74	156	214815	50.668	ug/l	96
78) n-propylbenzene	12.80	91	1037837	52.471	ug/l	99
79) 2-Chlorotoluene	12.90	91	576241	51.071	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	754595	52.499	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	41287	57.638	ug/l	98
82) 4-Chlorotoluene	12.99	91	597841	51.326	ug/l	99
83) tert-Butylbenzene	13.21	119	657945	52.705	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	772788	53.958	ug/l	98
85) sec-Butylbenzene	13.38	105	907315	52.215	ug/l	100
86) p-Isopropyltoluene	13.50	119	852534	52.689	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	411778	50.226	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	413996	51.242	ug/l	100
89) n-Butylbenzene	13.82	91	773317	53.052	ug/l	99
90) Hexachloroethane	14.10	117	136822	54.802	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	364572	51.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21913	53.174	ug/l	98

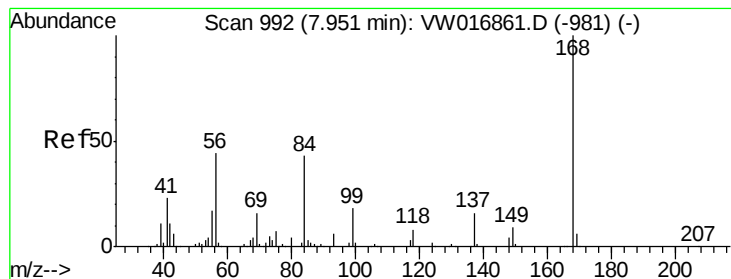
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	260920	53.459	ug/l	98
94) Hexachlorobutadiene	15.24	225	164182	51.891	ug/l	98
95) Naphthalene	15.36	128	444503	56.036	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	234814	55.302	ug/l	92

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

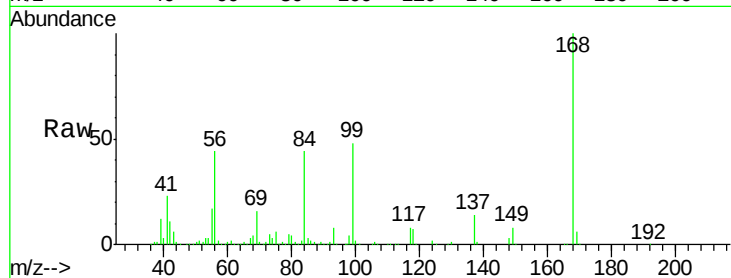
VSTDCCC050

Tot Ion:168 Resp: 401911

Ion Ratio Lower Upper

168 100

99 48.2 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

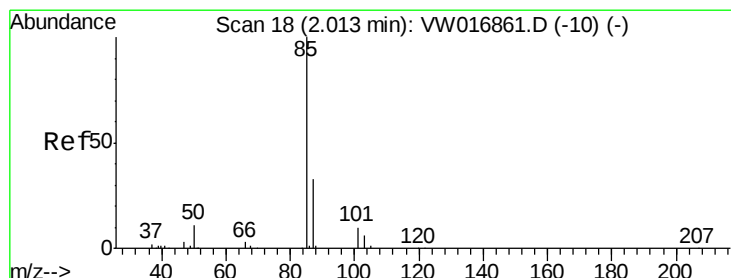
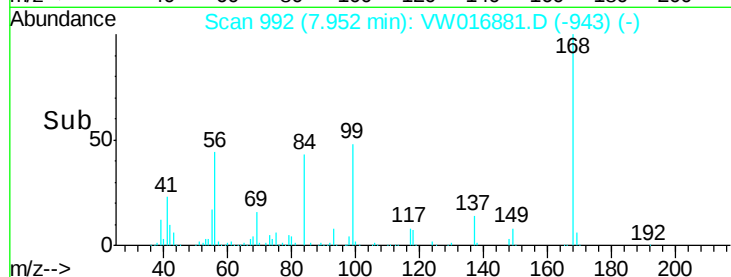
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 45.877 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016881.D

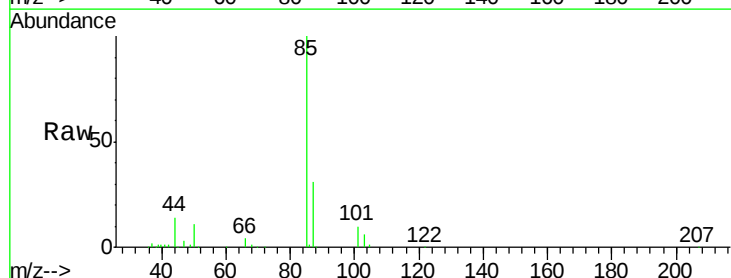
Acq: 12 Oct 2020 14:40

Tgt Ion: 85 Resp: 90843

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

30000

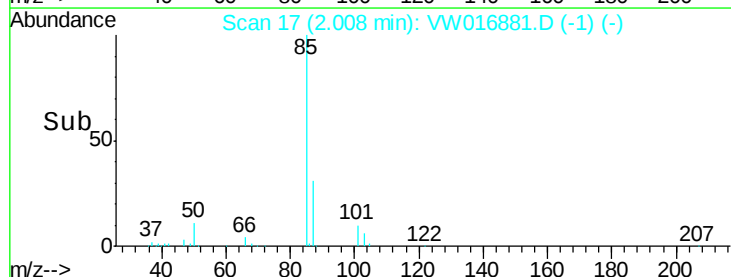
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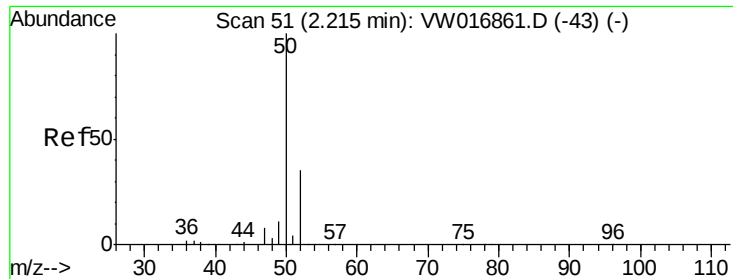
10000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 41.318 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

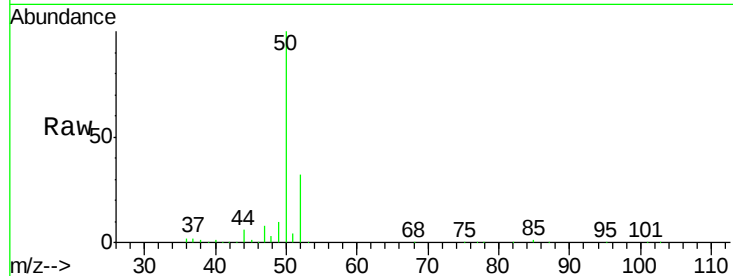
VSTDCCC050

Tot Ion: 50 Resp: 99312

Ion Ratio Lower Upper

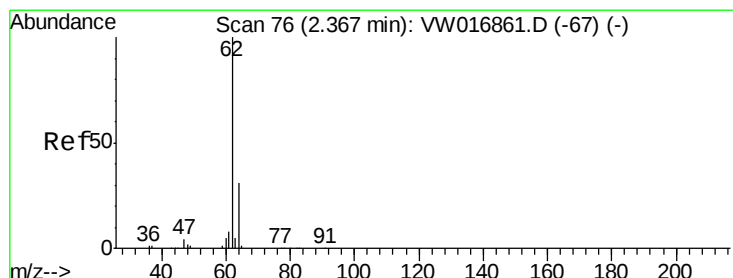
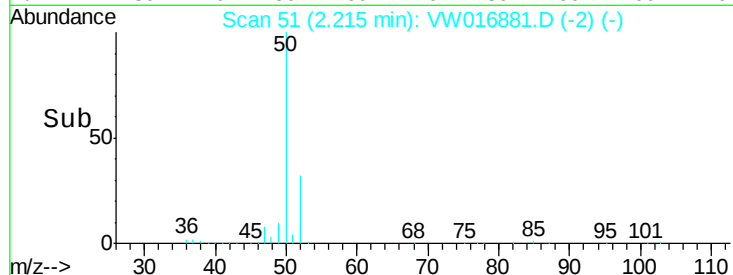
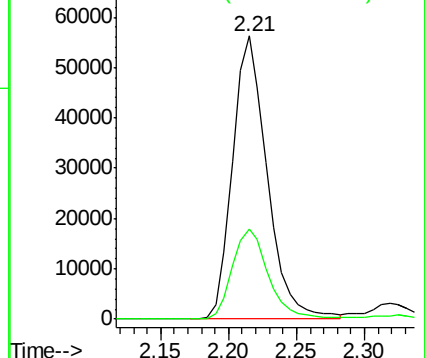
50 100

52 31.9 27.6 41.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 46.409 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016881.D

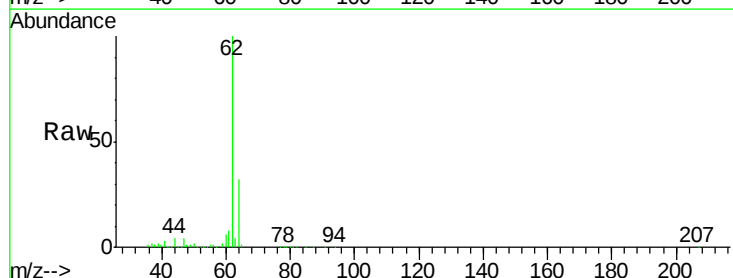
Acq: 12 Oct 2020 14:40

Tgt Ion: 62 Resp: 161309

Ion Ratio Lower Upper

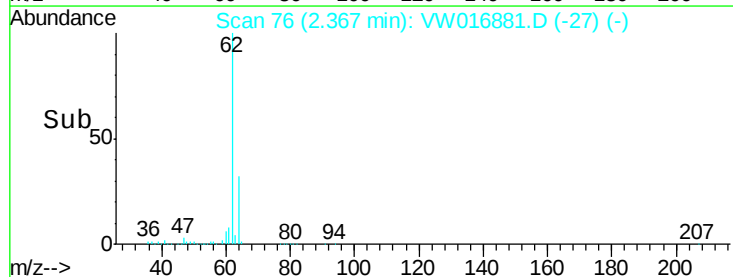
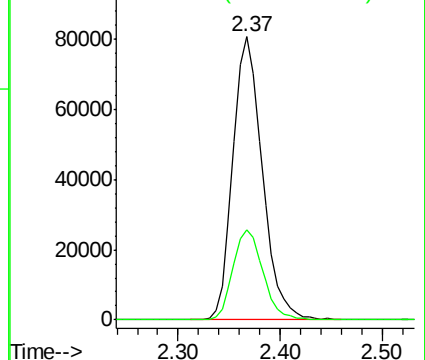
62 100

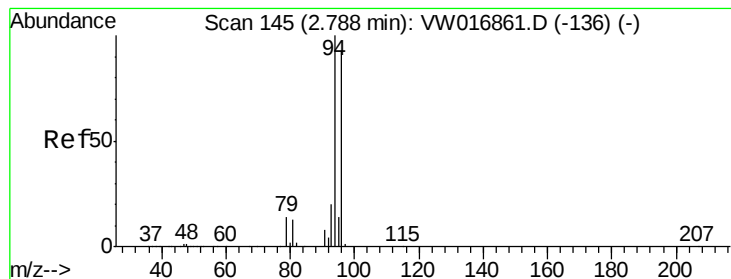
64 31.9 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 44.722 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

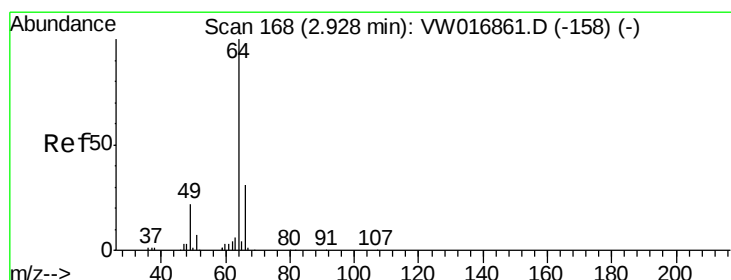
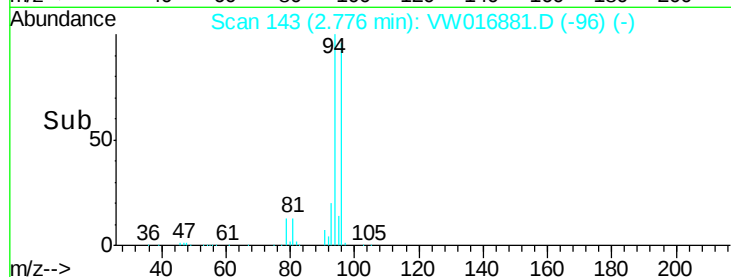
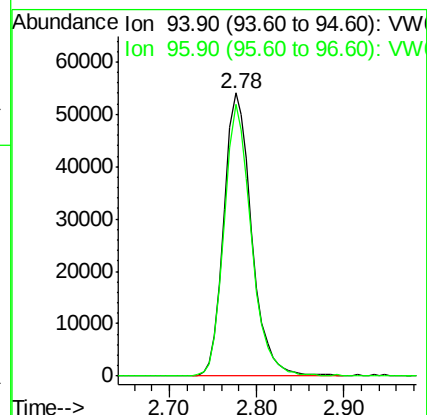
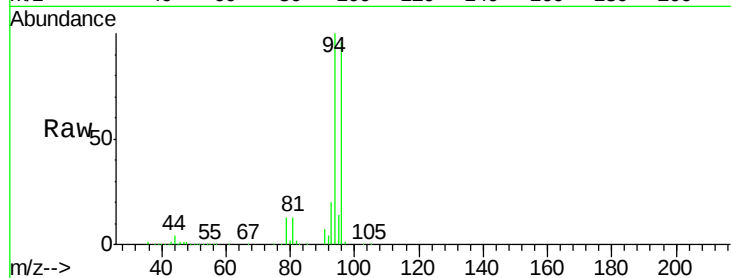
VSTDCCC050

Tot Ion: 94 Resp: 119383

Ion Ratio Lower Upper

94 100

96 96.0 74.7 112.1



#6

Chloroethane

Concen: 47.044 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW016881.D

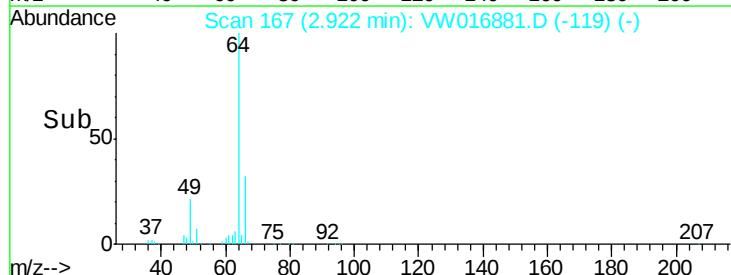
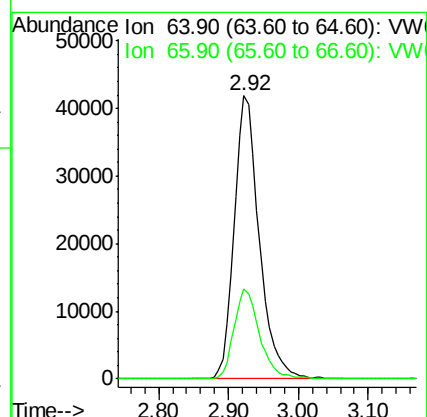
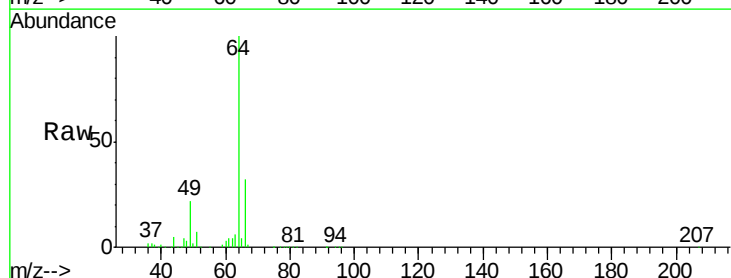
Acq: 12 Oct 2020 14:40

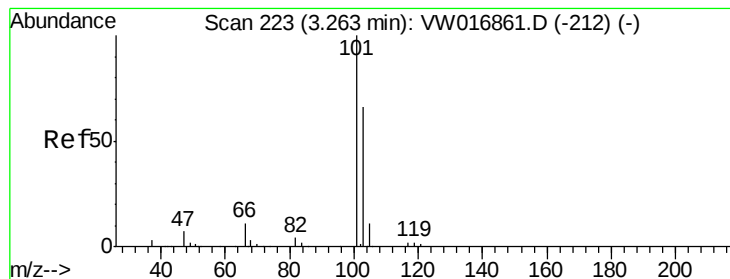
Tgt Ion: 64 Resp: 104060

Ion Ratio Lower Upper

64 100

66 32.0 25.0 37.6



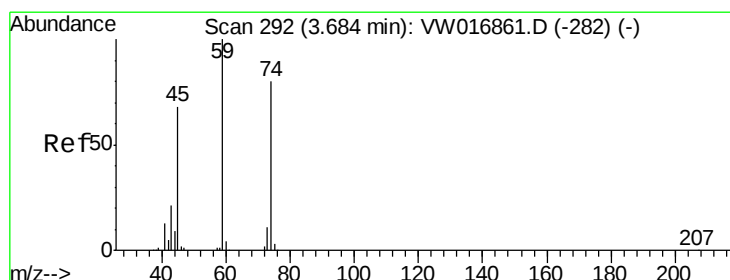
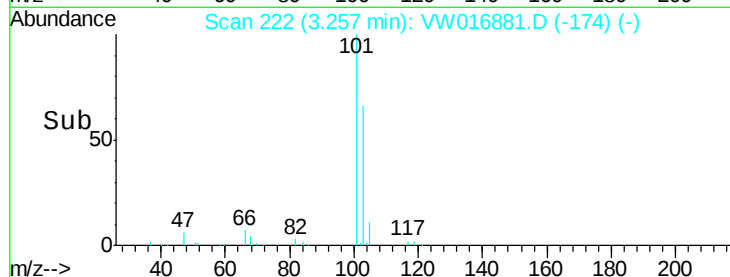
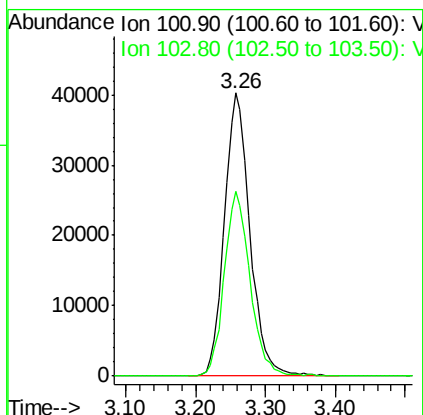
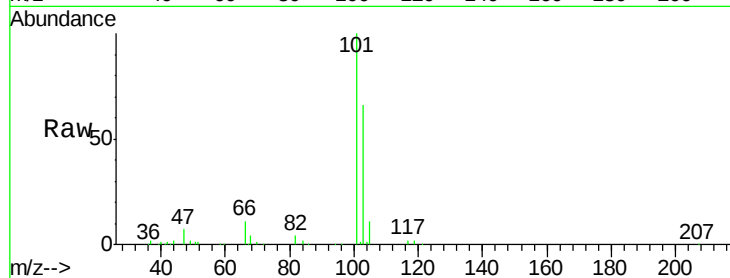


#7

Trichlorofluoromethane
 Concen: 40.398 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

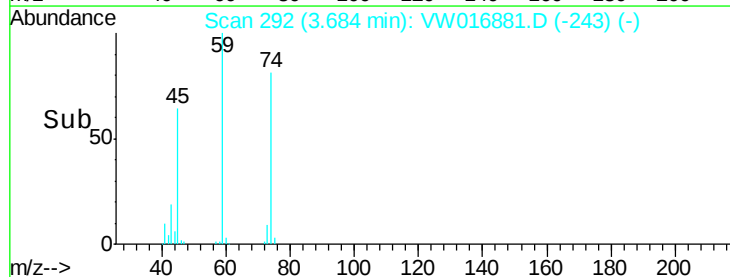
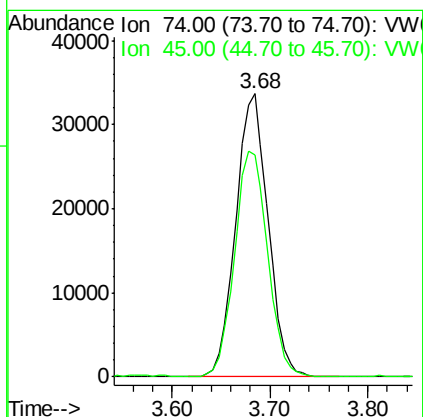
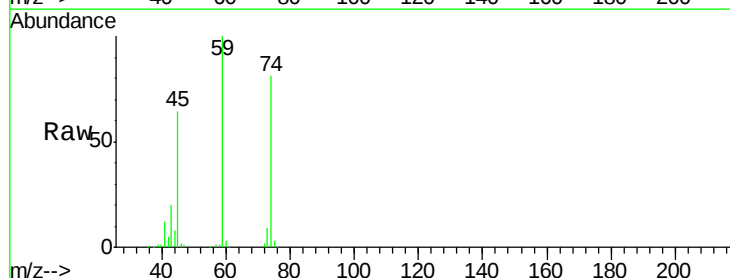
Tot Ion:101 Resp: 102229
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.6 79.0

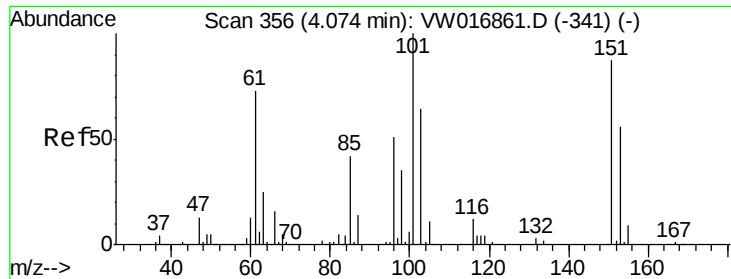


#8

Diethyl Ether
 Concen: 48.816 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion: 74 Resp: 77156
 Ion Ratio Lower Upper
 74 100
 45 80.9 41.1 123.4

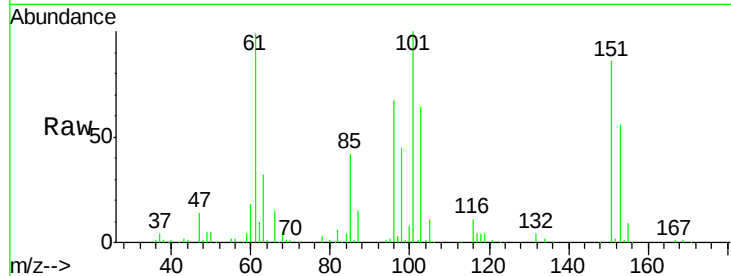




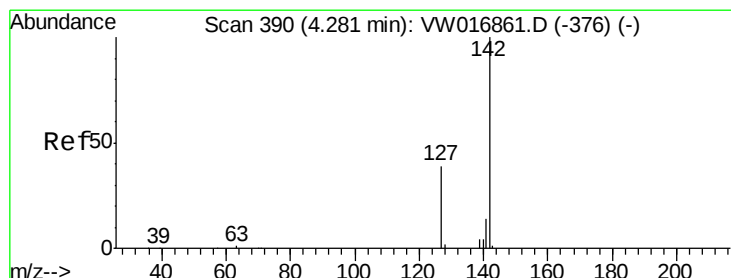
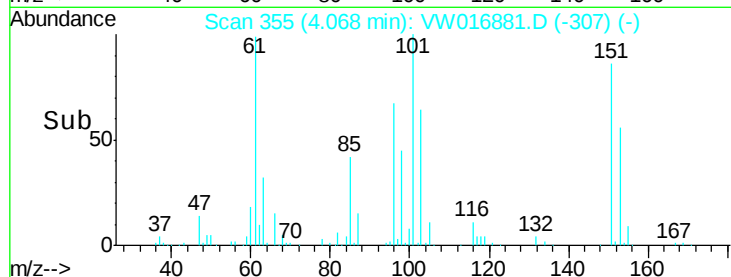
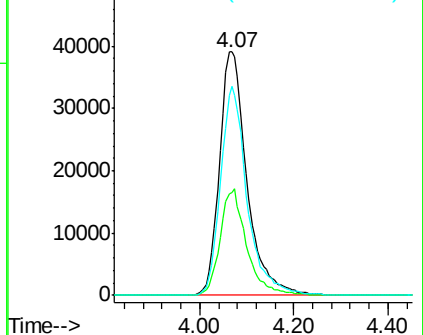
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.415 ug/l
 RT: 4.07 min Scan# 355
 Delta R.T. -0.01 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Instrument :
 MSVOA_W
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 VSTDCCC050

Tot Ion:101 Resp: 158156
 Ion Ratio Lower Upper
 101 100
 85 42.2 33.2 49.8
 151 83.2 66.6 100.0

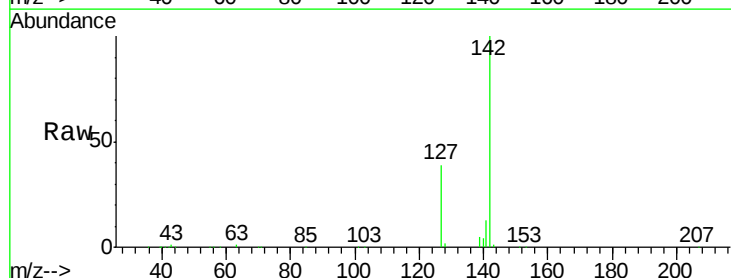


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 150.80 (150.50 to 151.50): V

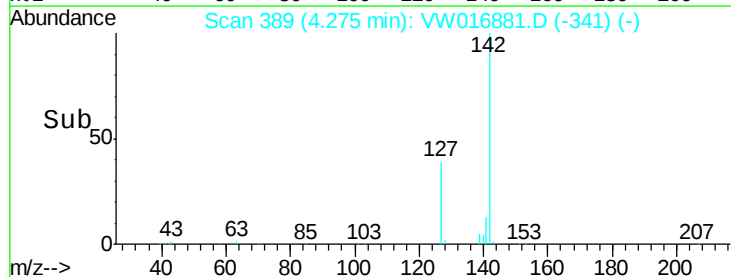
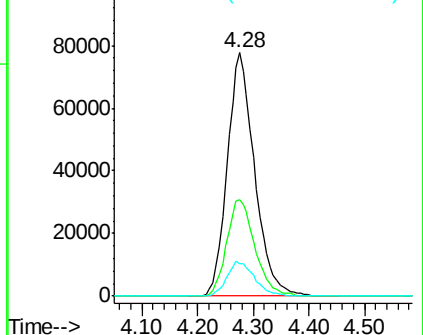


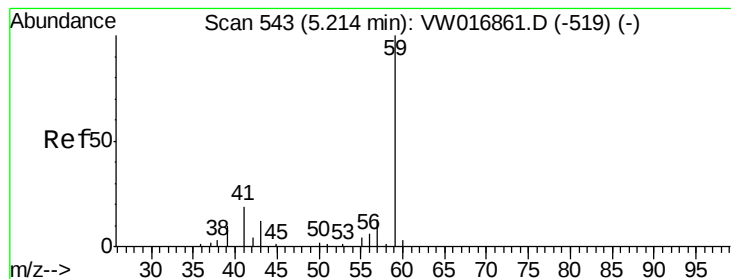
#10
 Methyl Iodide
 Concen: 48.270 ug/l
 RT: 4.28 min Scan# 389
 Delta R.T. -0.01 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion:142 Resp: 262945
 Ion Ratio Lower Upper
 142 100
 127 41.2 32.4 48.6
 141 14.5 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



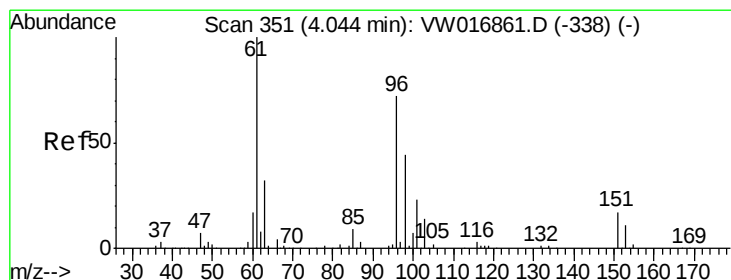
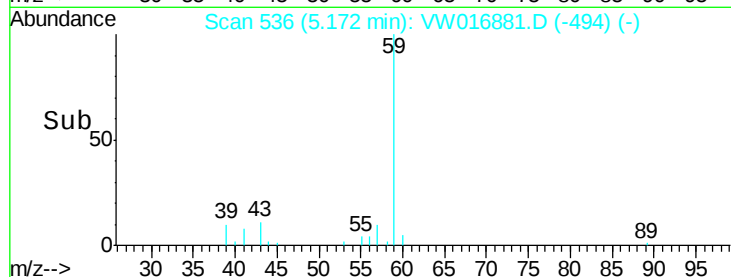
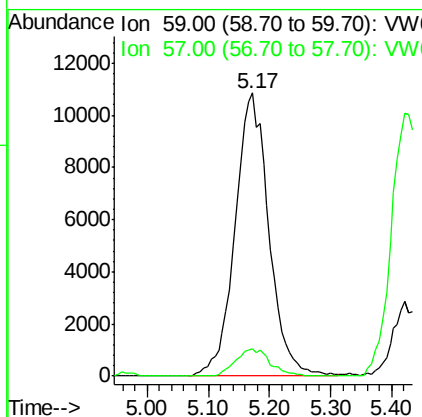
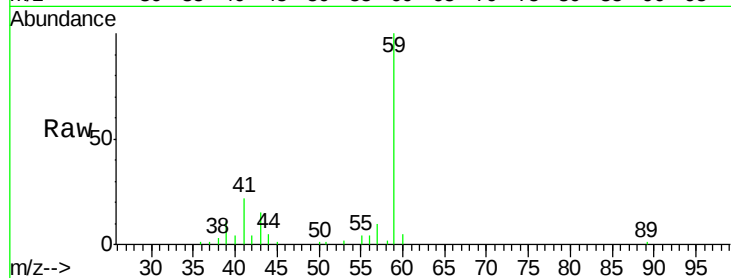


#11

Tert butyl alcohol
 Concen: 260.211 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. -0.04 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

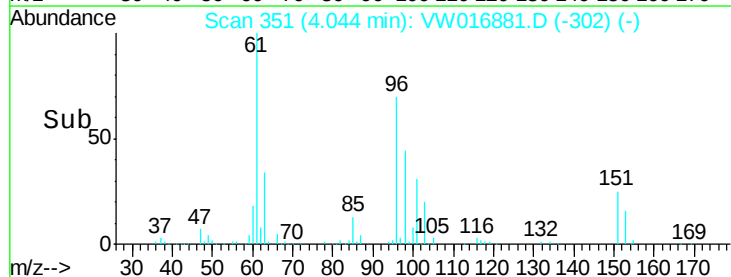
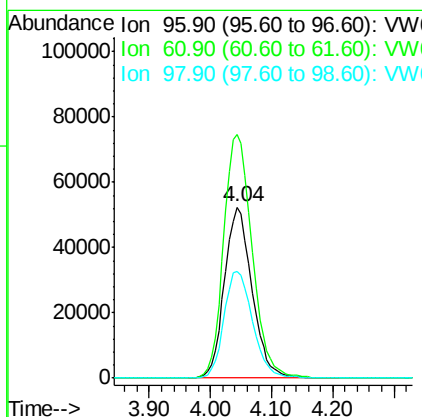
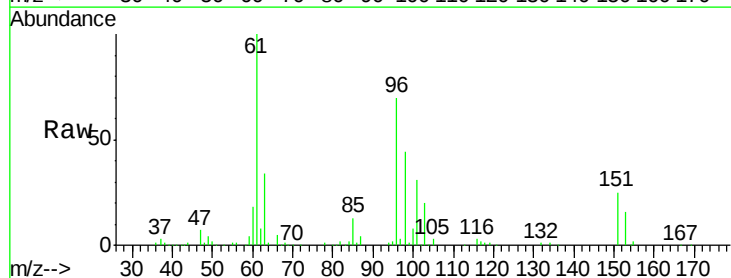
Tot Ion: 59 Resp: 41573
 Ion Ratio Lower Upper
 59 100
 57 9.8 4.7 7.1#

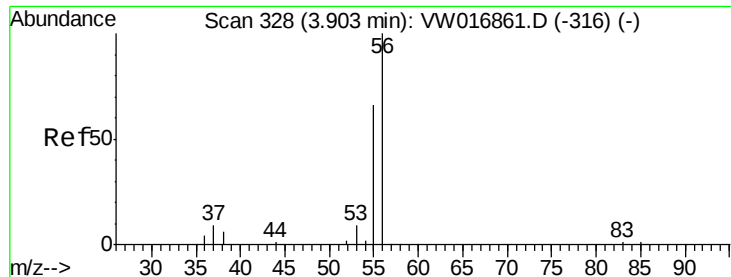


#12

1,1-Dichloroethene
 Concen: 48.558 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion: 96 Resp: 163317
 Ion Ratio Lower Upper
 96 100
 61 142.6 111.7 167.5
 98 62.5 49.0 73.4

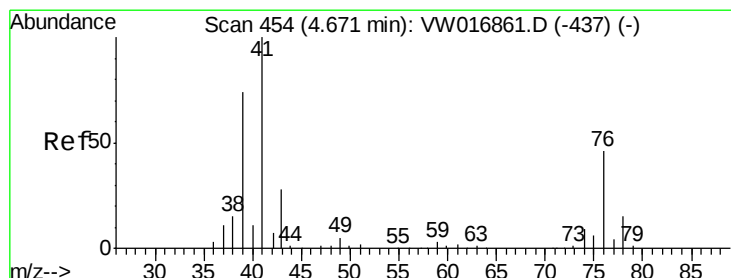
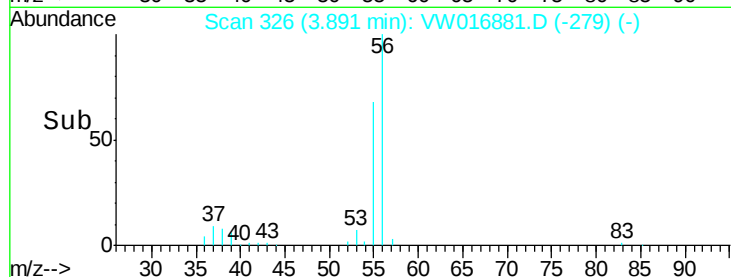
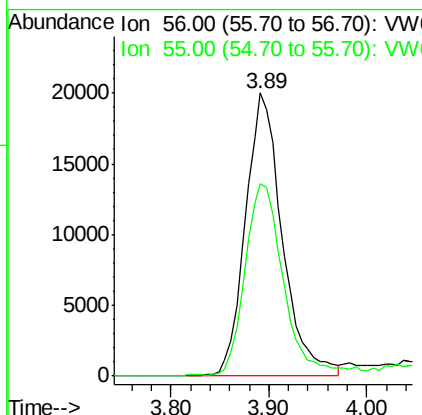
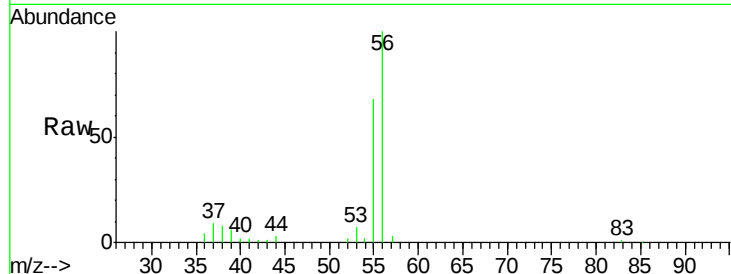




#13
Acrolein
Concen: 242.425 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

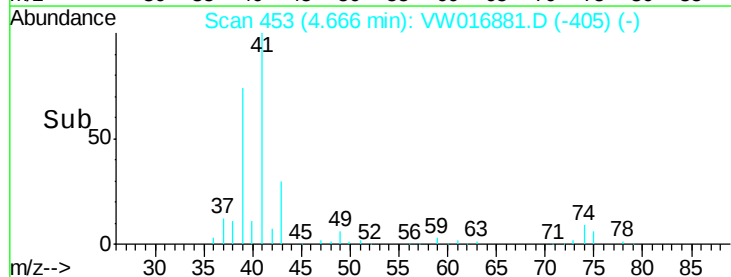
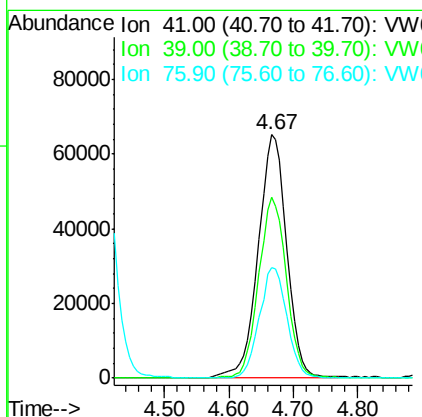
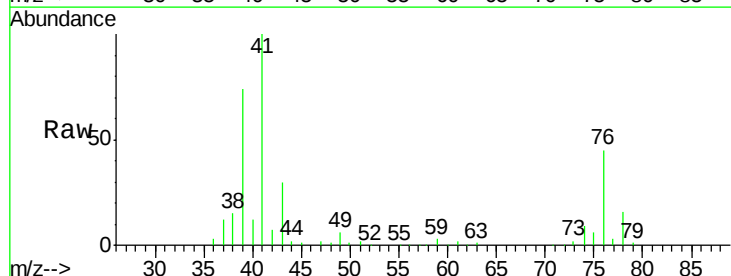
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

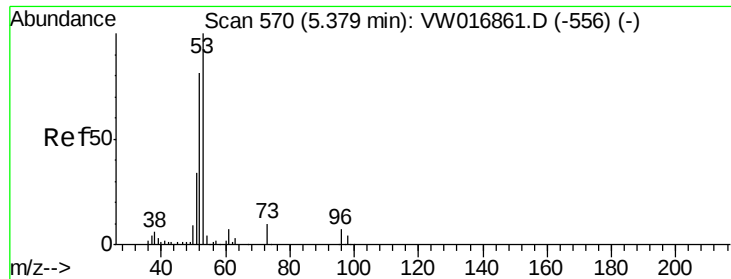
Tot Ion: 56 Resp: 52362
Ion Ratio Lower Upper
56 100
55 70.8 55.9 83.9



#14
Allyl chloride
Concen: 49.669 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 41 Resp: 199969
Ion Ratio Lower Upper
41 100
39 72.5 57.8 86.8
76 43.6 35.1 52.7





#15

Acrylonitrile

Concen: 253.232 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

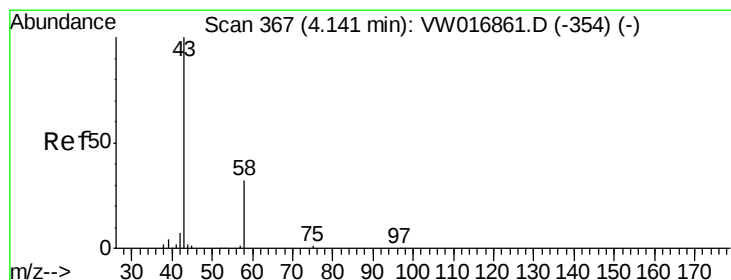
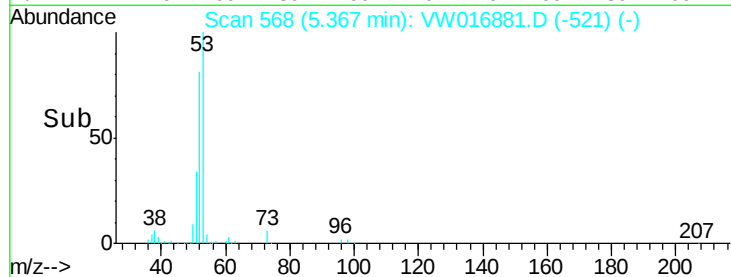
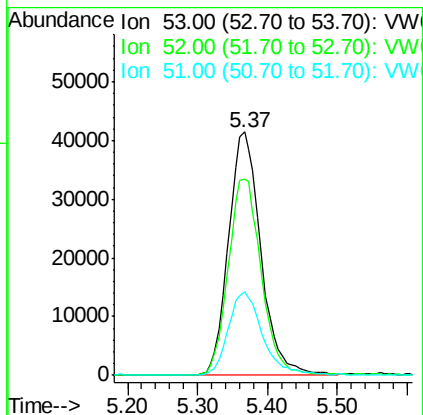
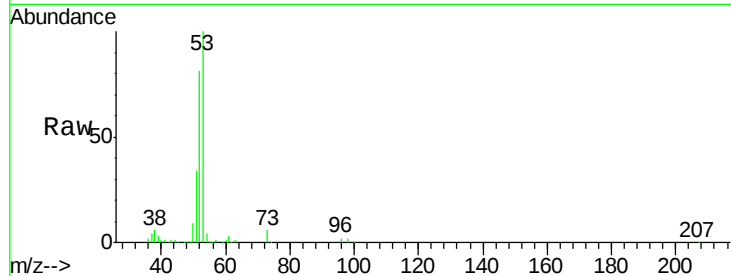
Tot Ion: 53 Resp: 133230

Ion Ratio Lower Upper

53 100

52 82.1 65.0 97.4

51 36.3 29.1 43.7



#16

Acetone

Concen: 261.053 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016881.D

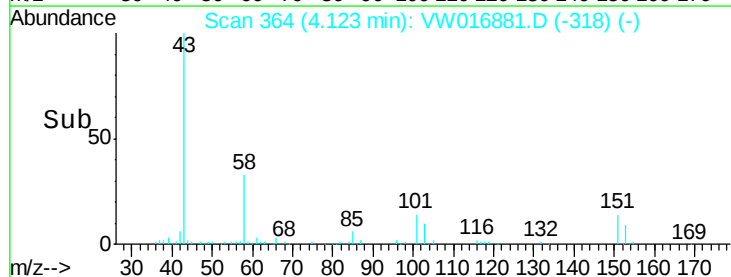
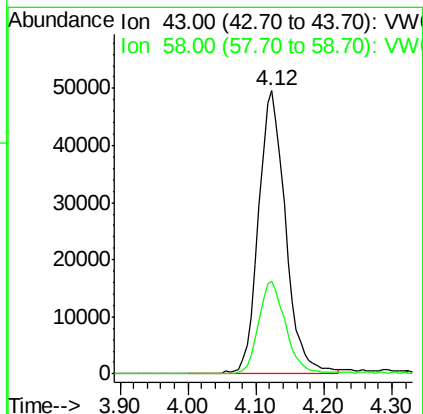
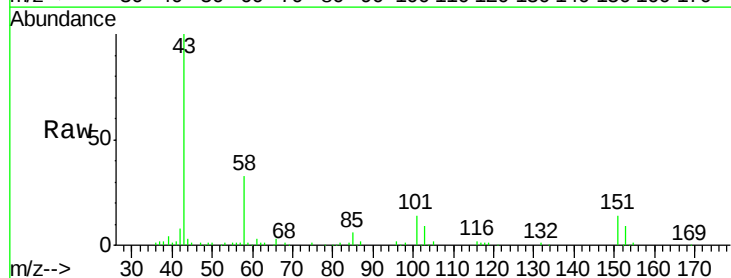
Acq: 12 Oct 2020 14:40

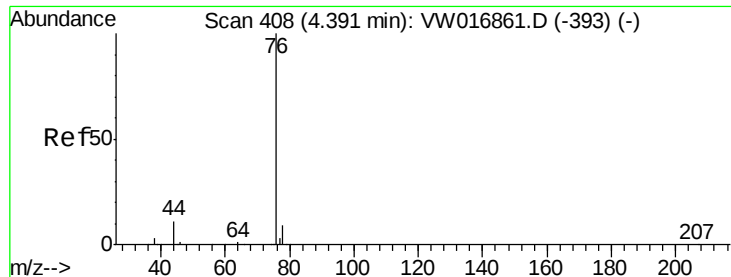
Tgt Ion: 43 Resp: 138221

Ion Ratio Lower Upper

43 100

58 32.5 25.7 38.5

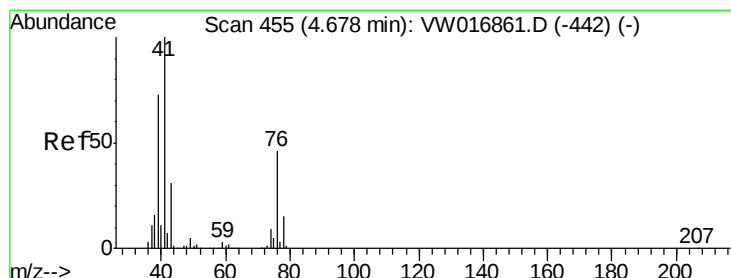
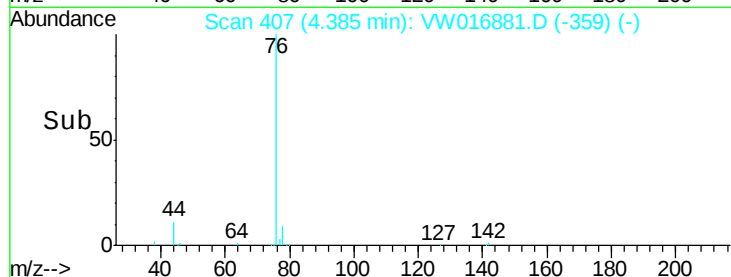
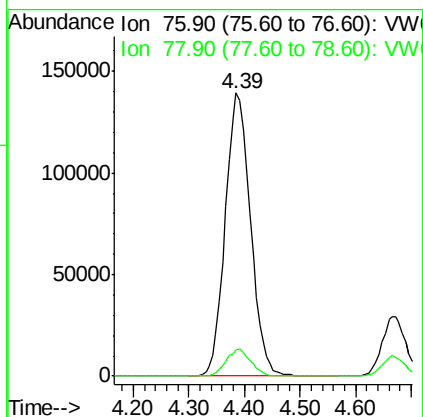
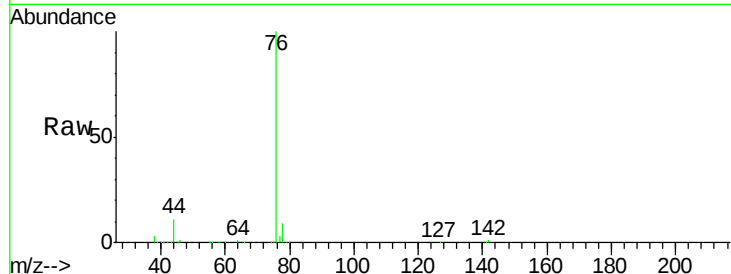




#17
Carbon Disulfide
Concen: 48.842 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

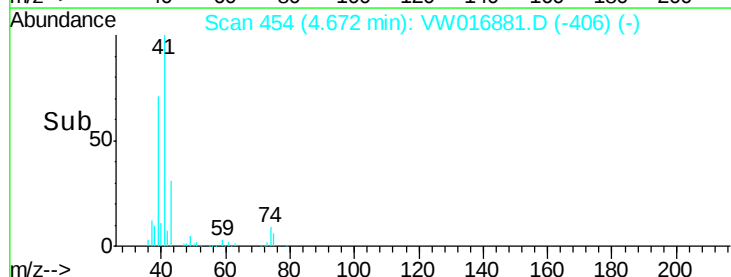
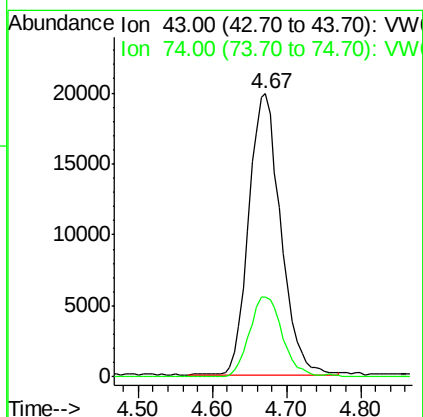
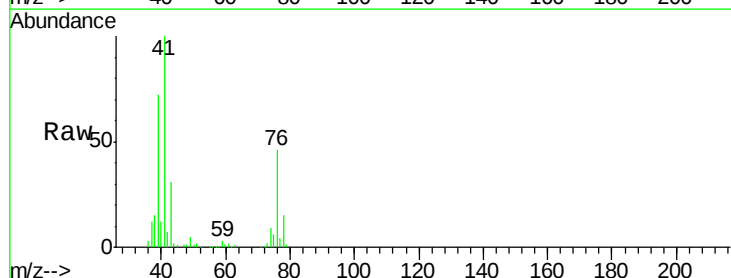
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

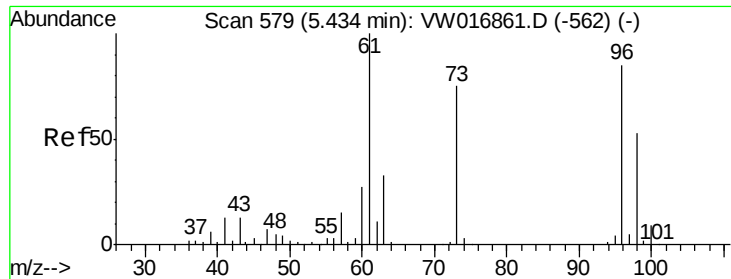
Tot Ion: 76 Resp: 437059
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 49.077 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 43 Resp: 59600
Ion Ratio Lower Upper
43 100
74 29.5 23.8 35.6

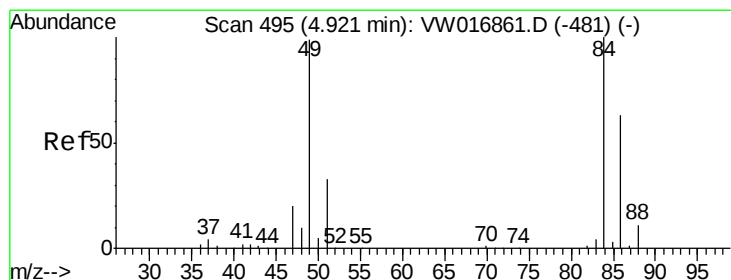
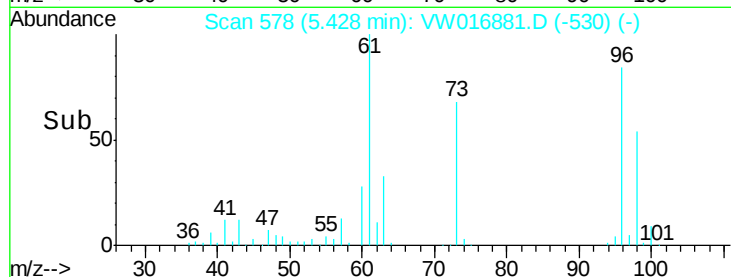
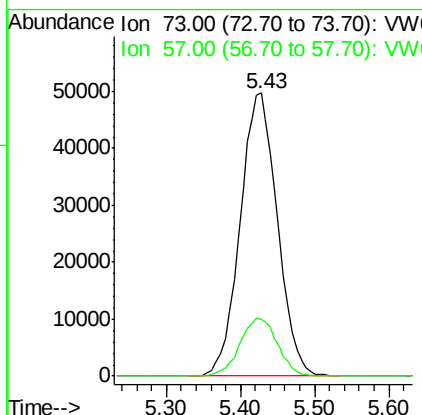
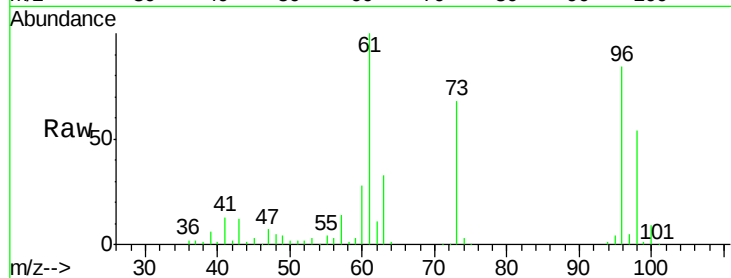




#19
Methvl tert-butvl Ether
Concen: 47.934 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

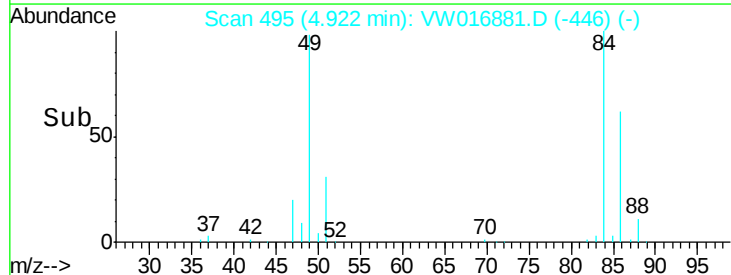
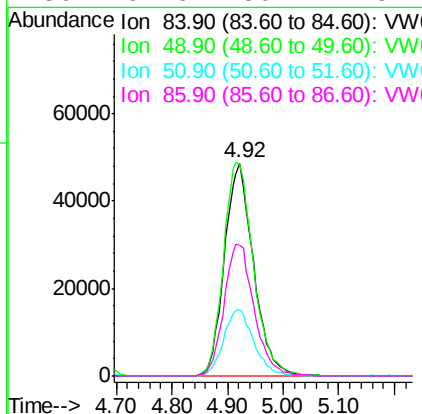
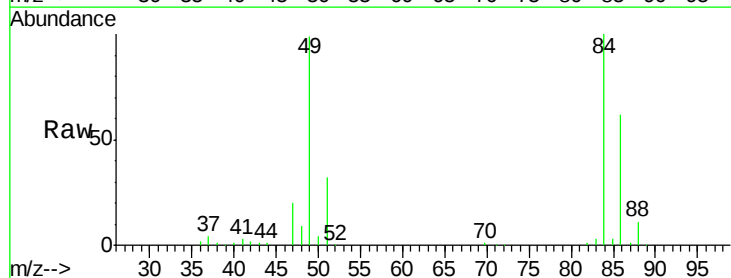
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

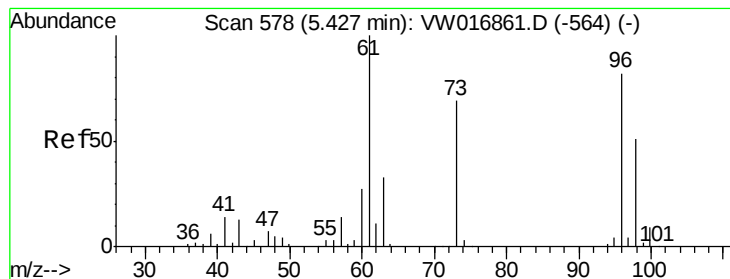
Tot Ion: 73 Resp: 173758
Ion Ratio Lower Upper
73 100
57 20.2 16.1 24.1



#20
Methylene Chloride
Concen: 50.305 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 84 Resp: 175890
Ion Ratio Lower Upper
84 100
49 99.2 79.0 118.6
51 31.6 26.1 39.1
86 61.6 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 50.302 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

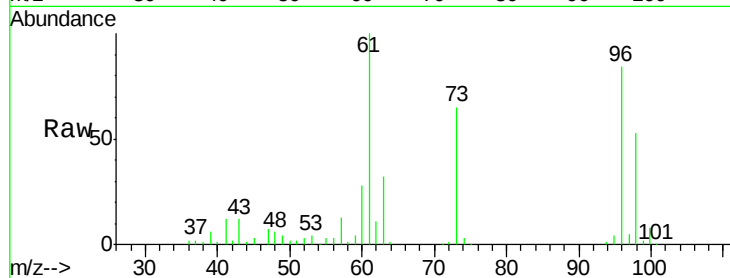
Tot Ion: 96 Resp: 189931

Ion Ratio Lower Upper

96 100

61 119.5 97.4 146.0

98 62.9 49.4 74.0

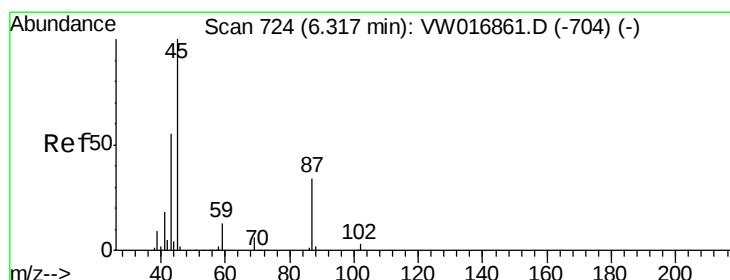
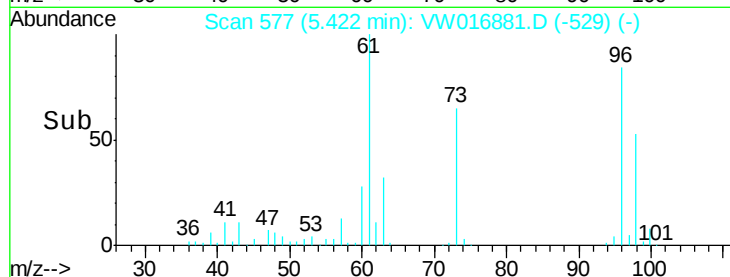
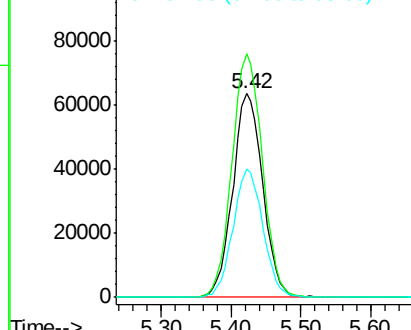


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 49.910 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Tgt Ion: 45 Resp: 365197

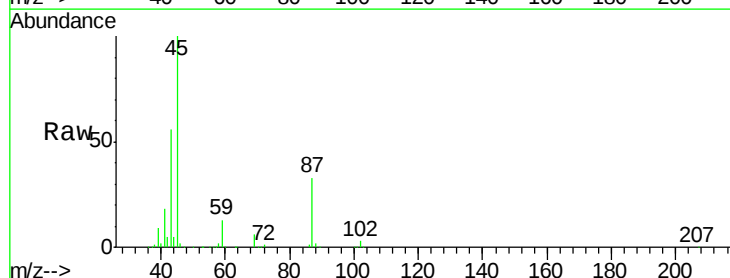
Ion Ratio Lower Upper

45 100

43 55.6 43.8 65.8

87 33.3 27.6 41.4

59 12.9 10.8 16.2



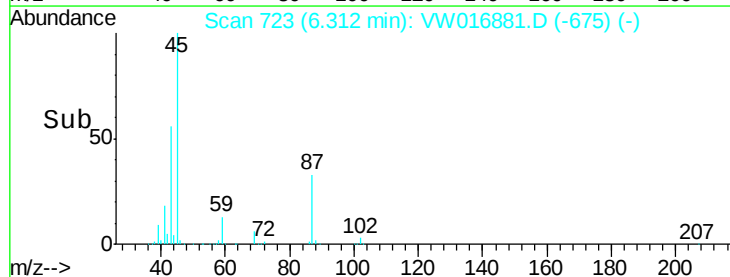
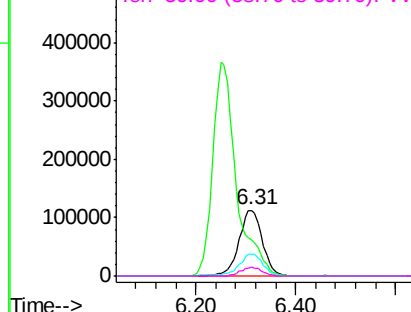
Abundance

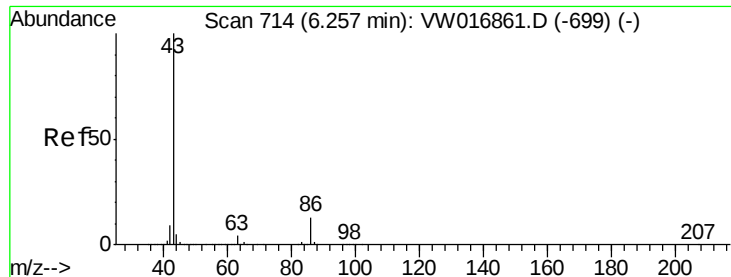
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 256.365 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

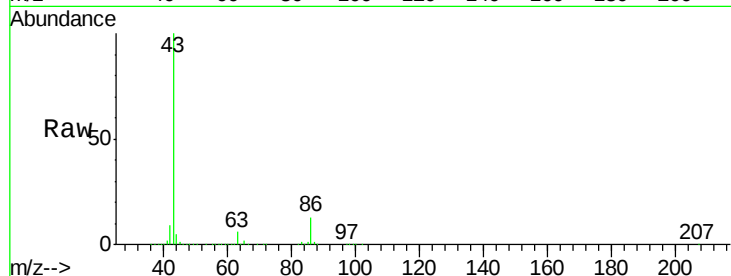
VSTDCCC050

Tot Ion: 43 Resp: 1201991

Ion Ratio Lower Upper

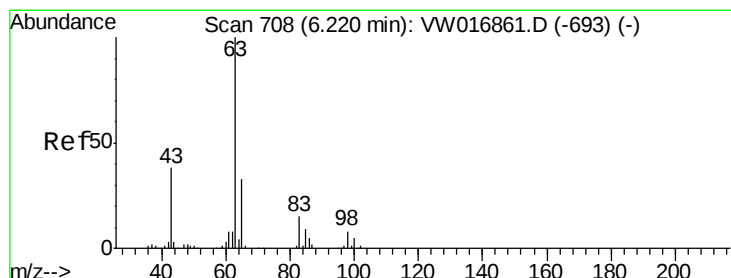
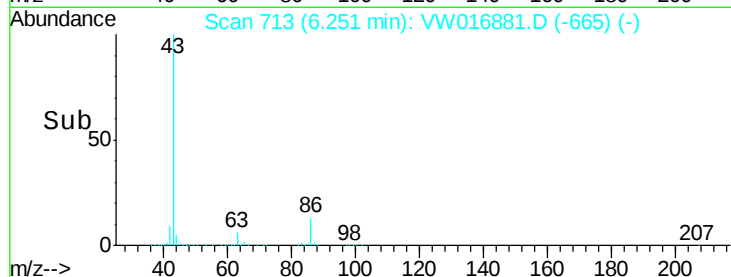
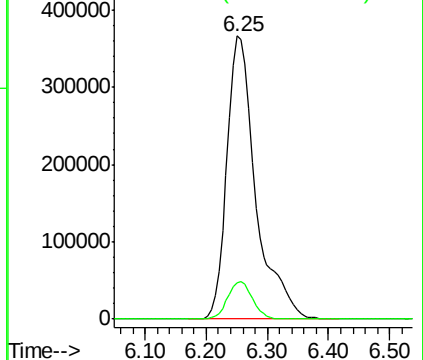
43 100

86 12.8 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 49.884 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

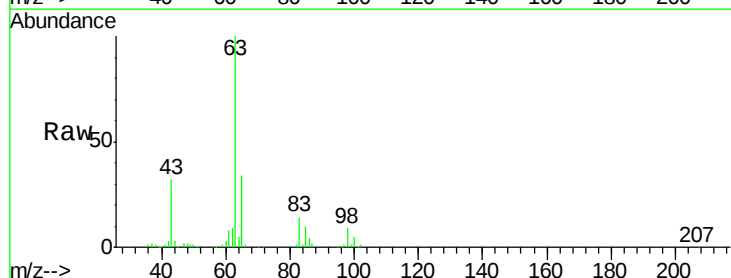
Tgt Ion: 63 Resp: 289432

Ion Ratio Lower Upper

63 100

98 8.8 4.2 12.6

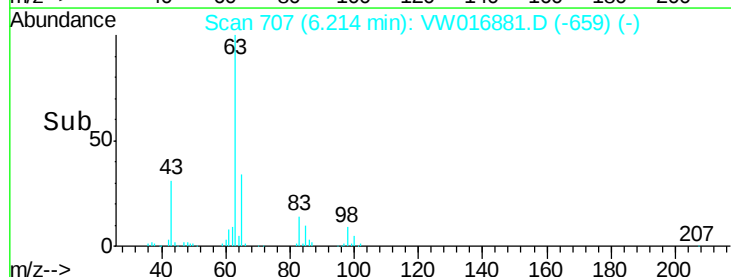
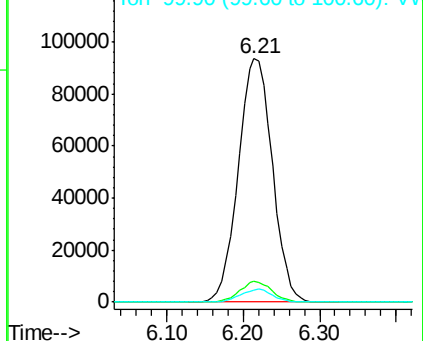
100 5.1 2.6 7.8

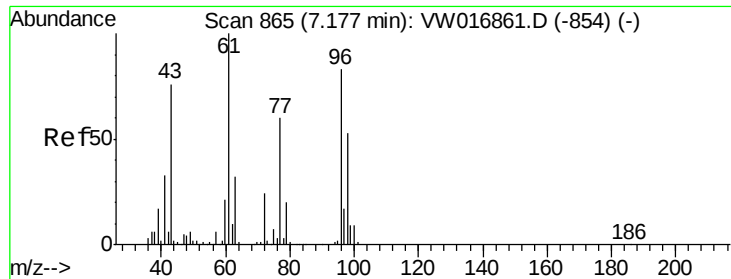


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 259.616 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

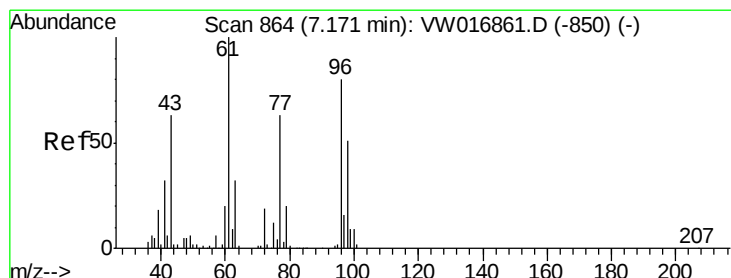
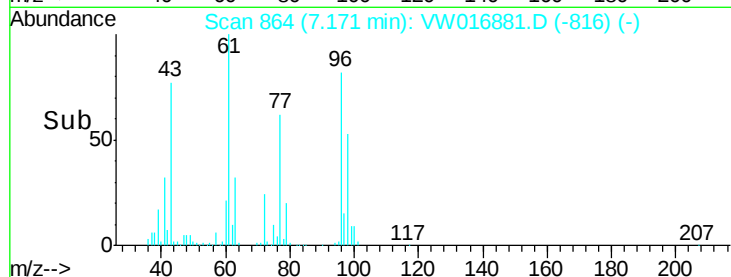
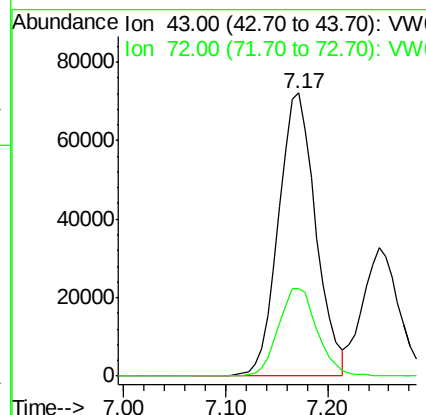
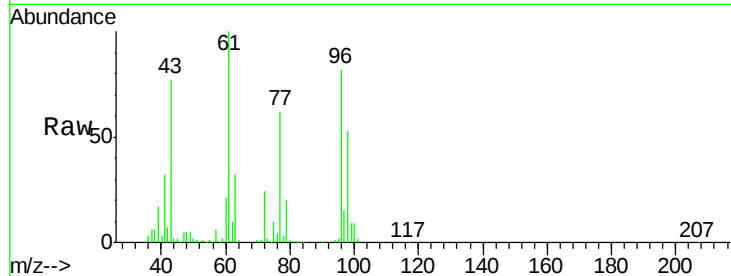
VSTDCCC050

Tot Ion: 43 Resp: 183256

Ion Ratio Lower Upper

43 100

72 31.0 25.4 38.2



#26

2,2-Dichloropropane

Concen: 48.428 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW016881.D

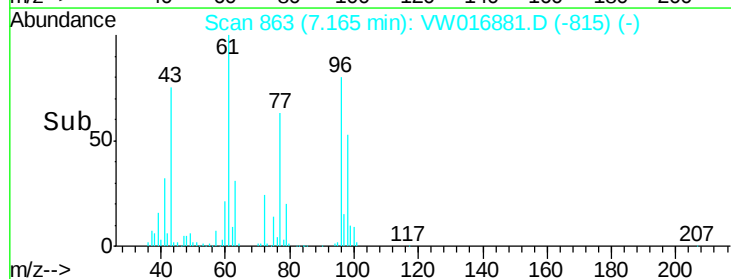
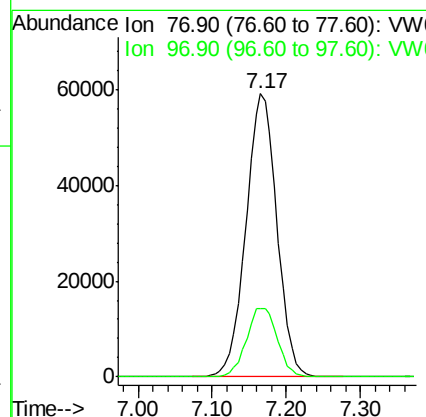
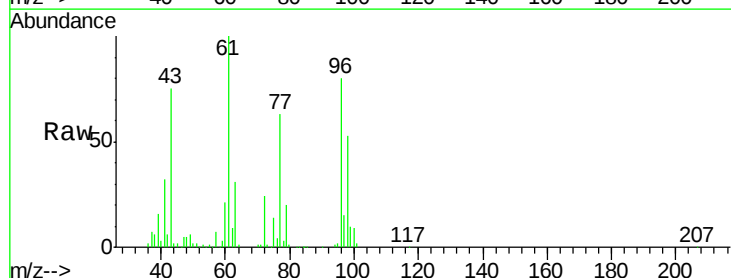
Acq: 12 Oct 2020 14:40

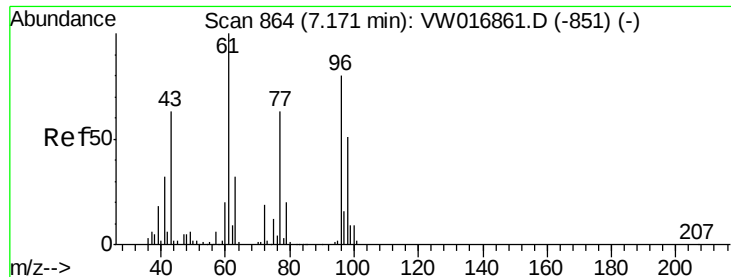
Tgt Ion: 77 Resp: 171910

Ion Ratio Lower Upper

77 100

97 24.5 12.4 37.4



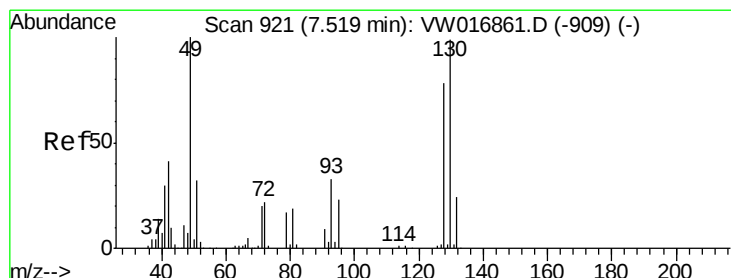
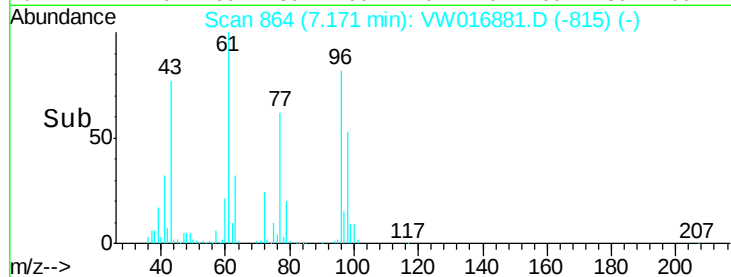
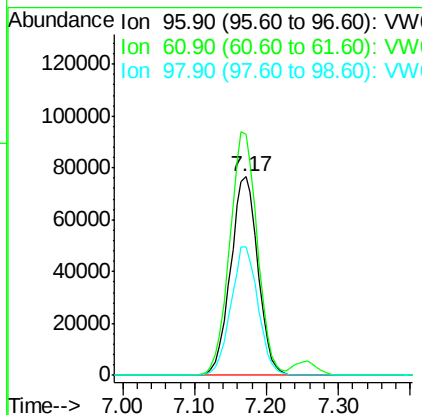
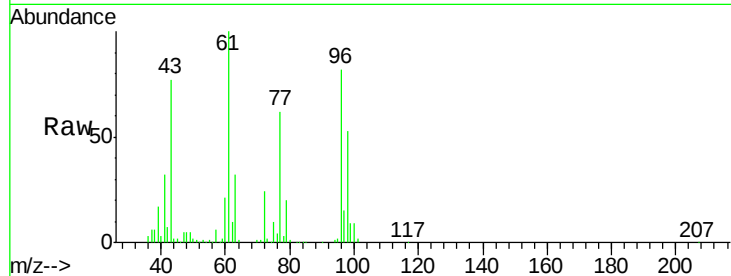


#27

cis-1,2-Dichloroethene
 Concen: 49.920 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

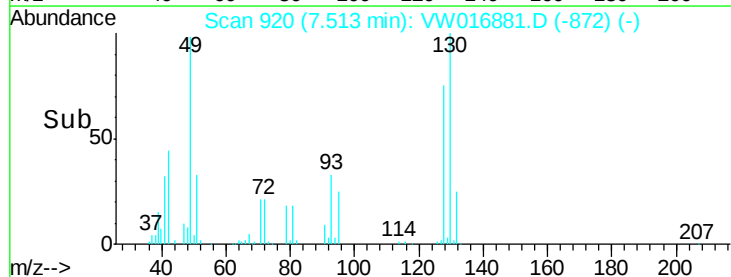
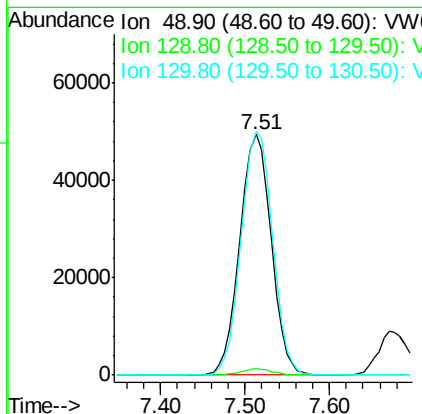
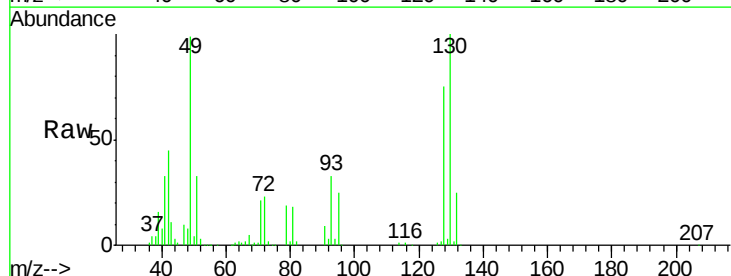
Tot Ion	96	Resp	201876
Ion Ratio	Lower	Upper	
96	100		
61	123.9	0.0	249.6
98	64.3	0.0	129.4

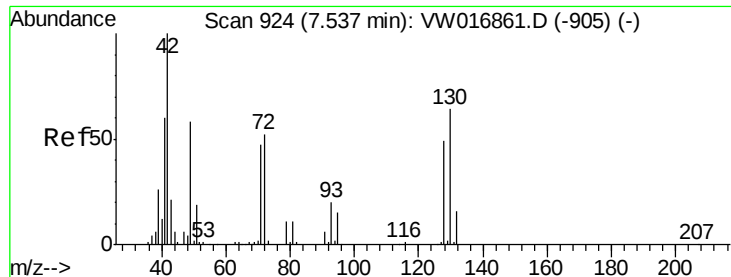


#28

Bromochloromethane
 Concen: 53.705 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion	49	Resp	124711
Ion Ratio	Lower	Upper	
49	100		
129	2.6	0.0	4.8
130	101.3	81.3	121.9

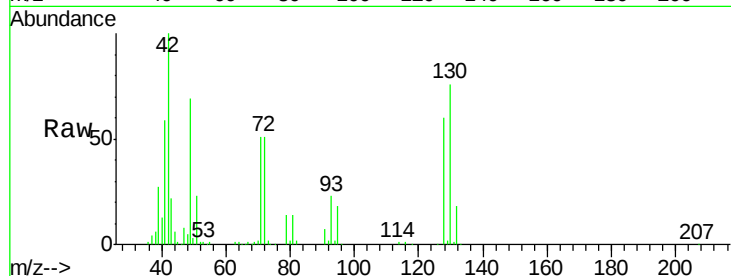




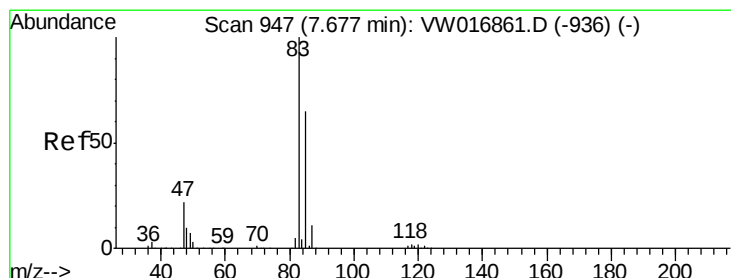
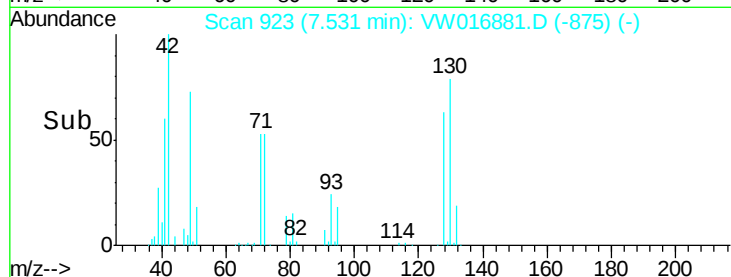
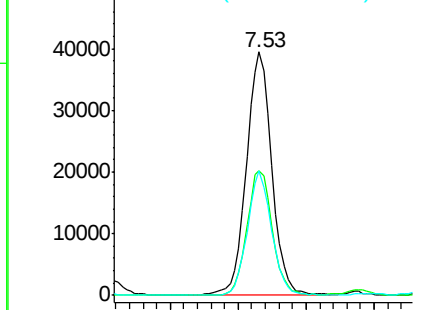
#29
Tetrahydrofuran
Concen: 260.196 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 42 Resp: 102876
Ion Ratio Lower Upper
42 100
72 51.2 42.0 63.0
71 48.4 39.0 58.6

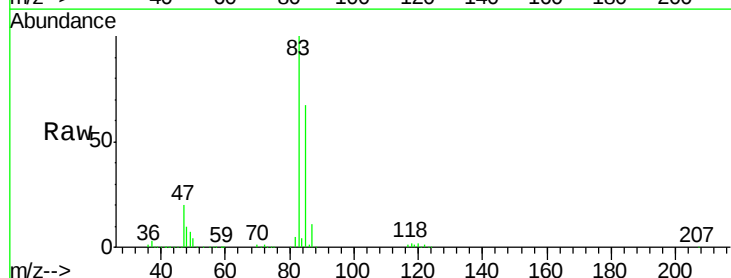


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

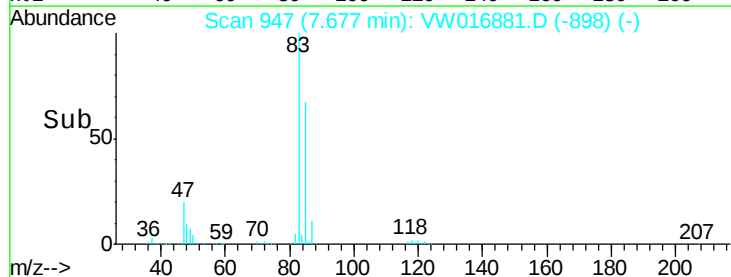
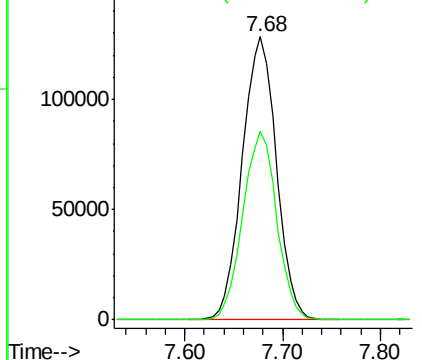


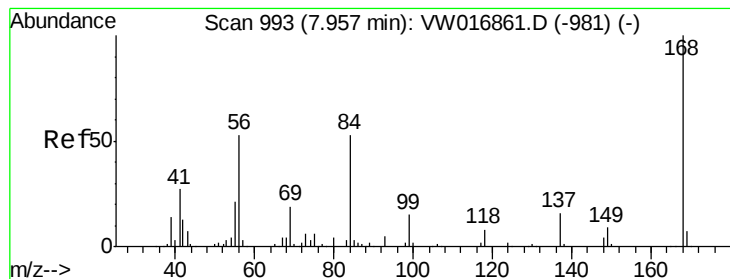
#30
Chloroform
Concen: 49.317 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 83 Resp: 311071
Ion Ratio Lower Upper
83 100
85 66.7 51.7 77.5



Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW





#31

Cyclohexane

Concen: 45.479 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

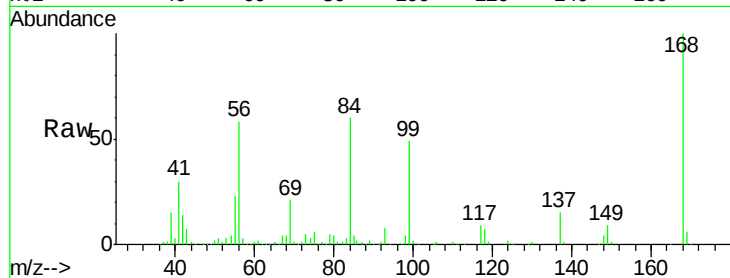
Tot Ion: 56 Resp: 225078

Ion Ratio Lower Upper

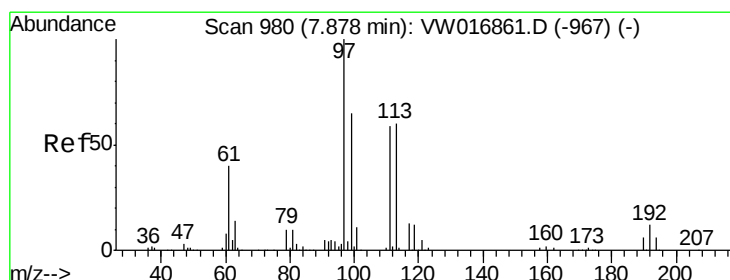
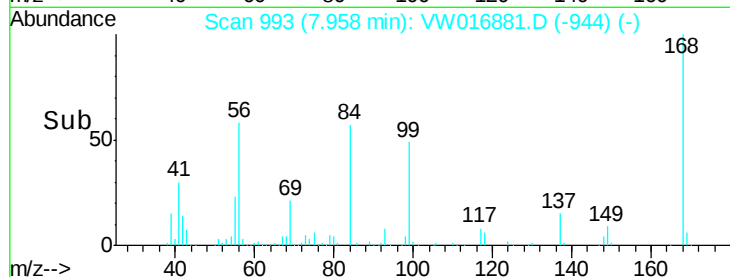
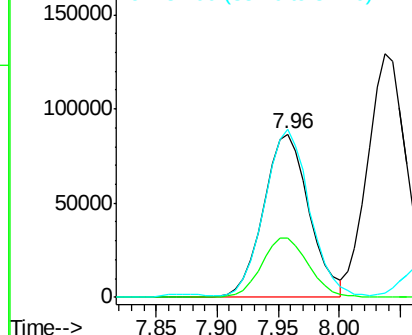
56 100

69 36.2 29.3 43.9

84 101.1 80.5 120.7



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



#32

1,1,1-Trichloroethane

Concen: 49.175 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

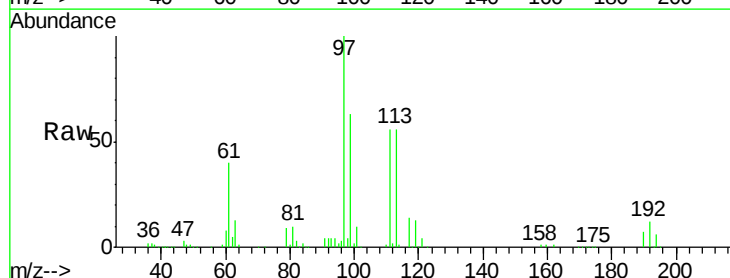
Tgt Ion: 97 Resp: 261631

Ion Ratio Lower Upper

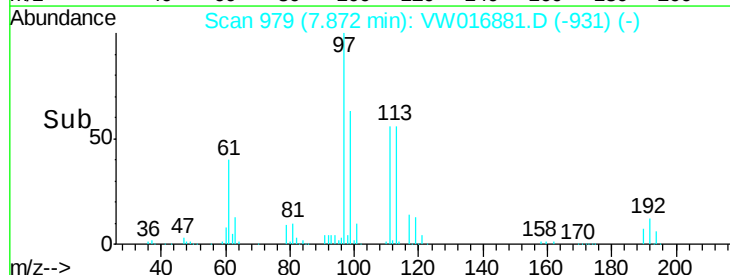
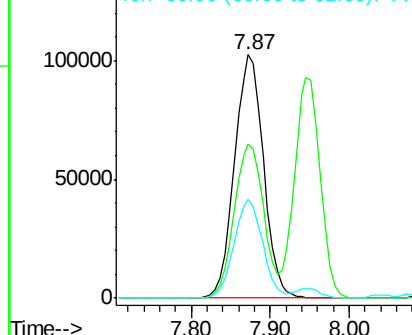
97 100

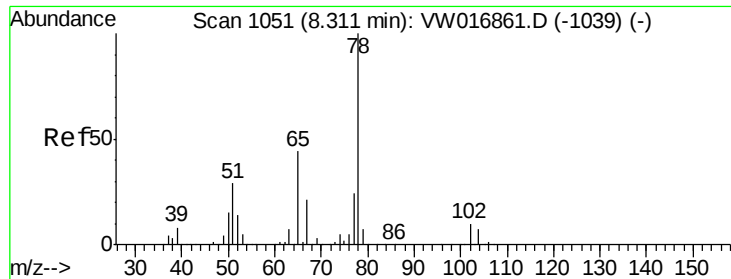
99 64.0 52.4 78.6

61 40.2 31.9 47.9



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW

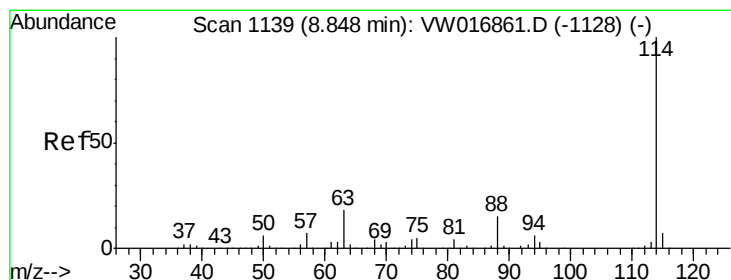
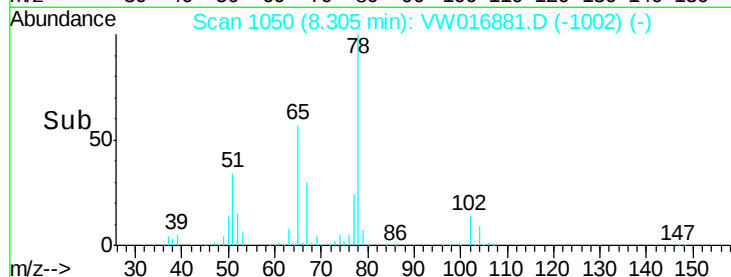
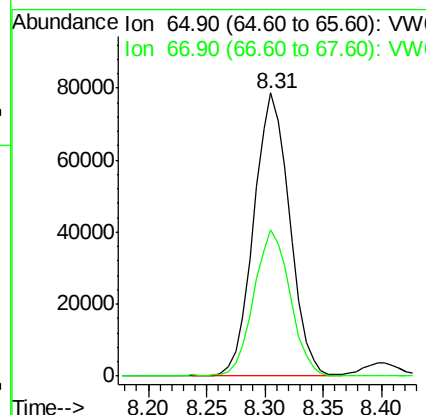
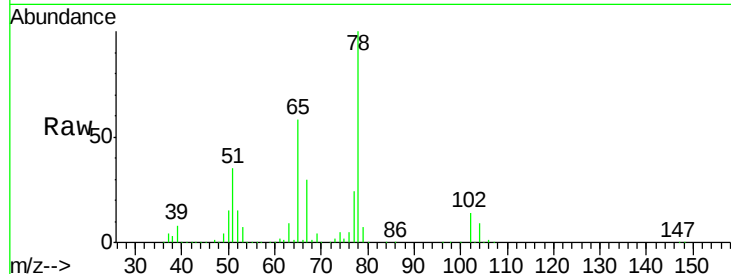




#33
 1,2-Dichloroethane-d4
 Concen: 51.822 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

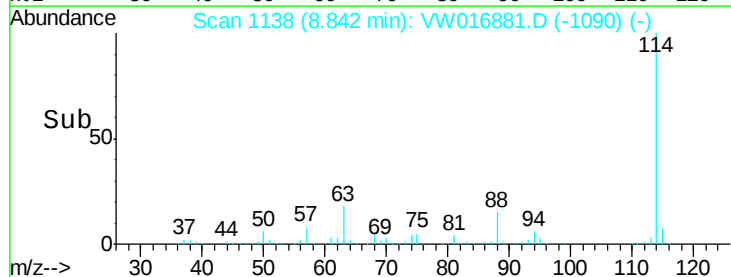
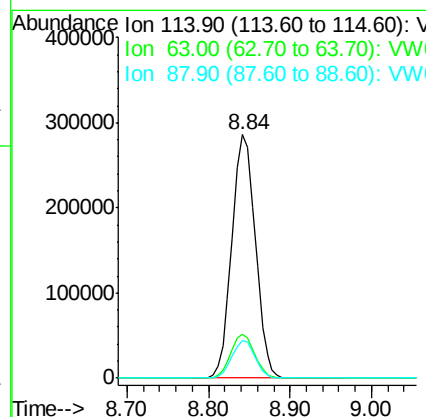
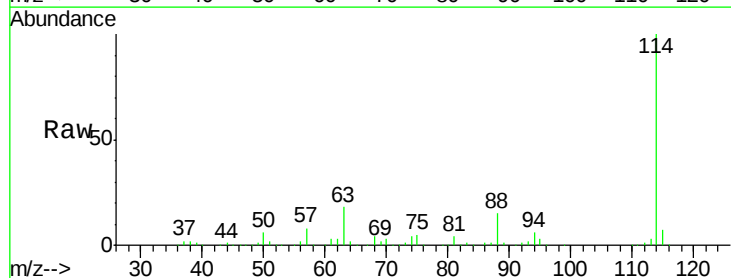
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

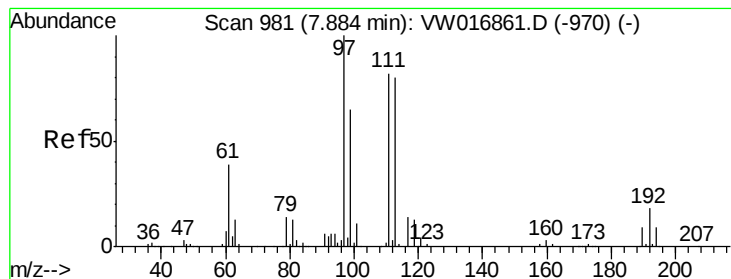
Tot Ion: 65 Resp: 169414
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion: 114 Resp: 567934
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 35.6
 88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.614 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

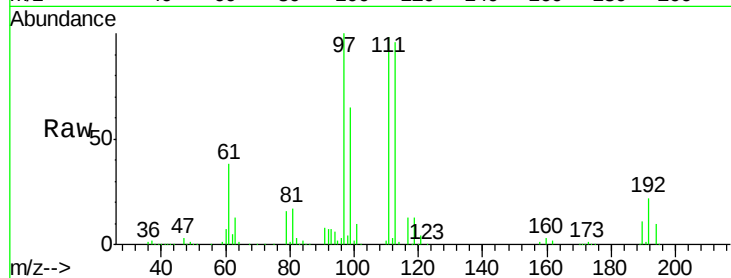
Tot Ion:113 Resp: 186630

Ion Ratio Lower Upper

113 100

111 100.5 81.4 122.2

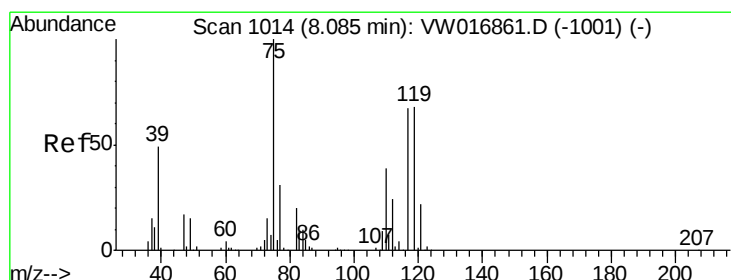
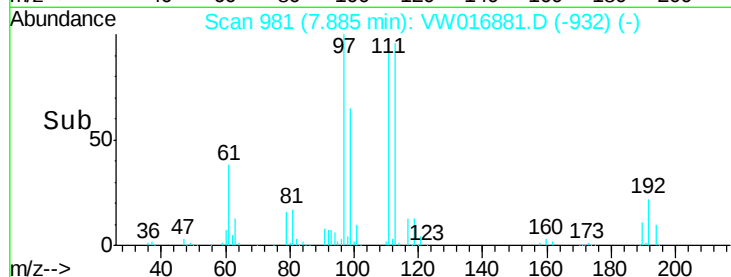
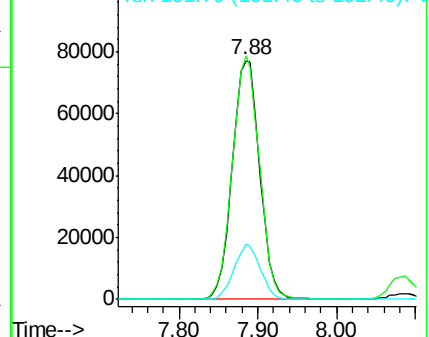
192 22.1 17.8 26.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.865 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

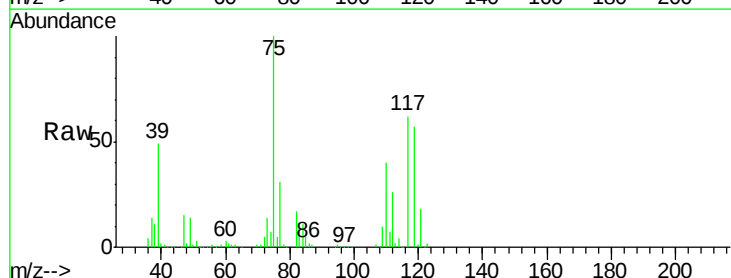
Tgt Ion: 75 Resp: 244799

Ion Ratio Lower Upper

75 100

110 39.0 19.3 57.9

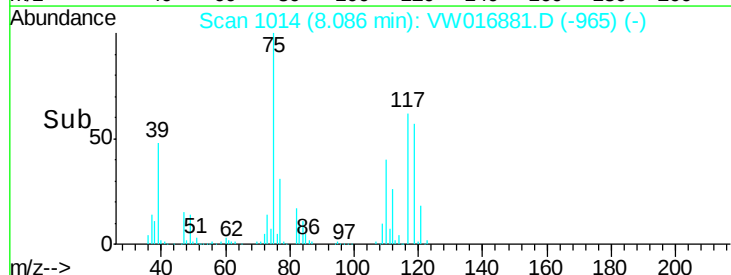
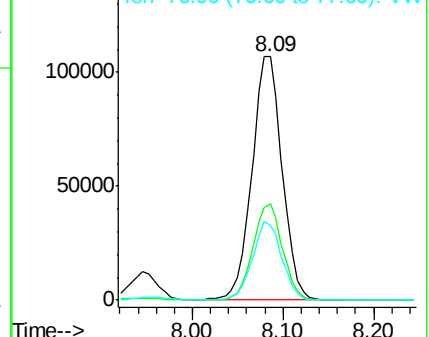
77 31.5 25.0 37.6

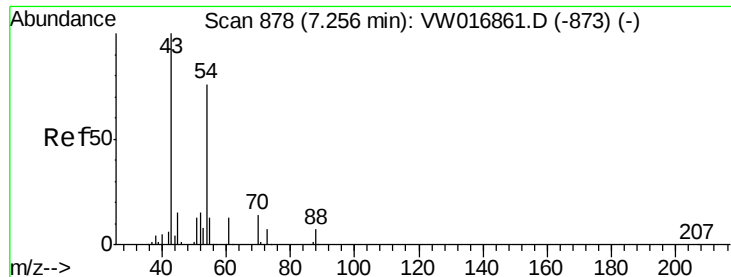


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

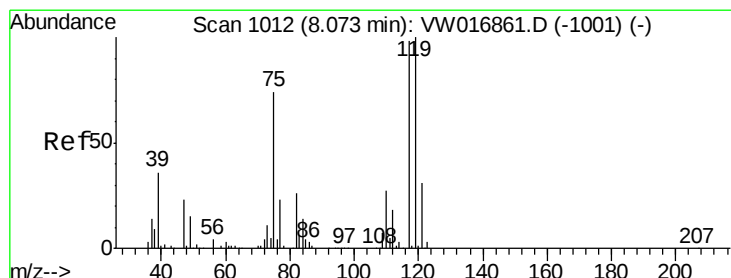
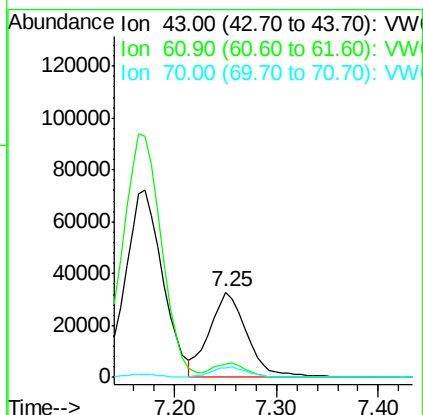
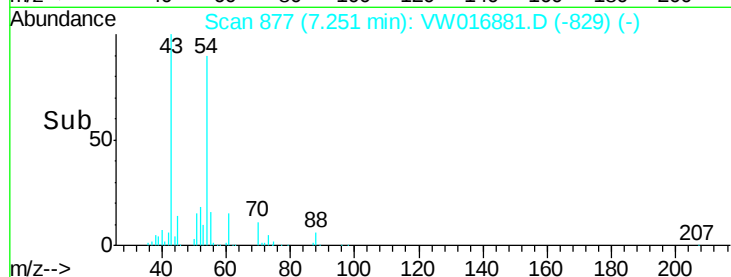
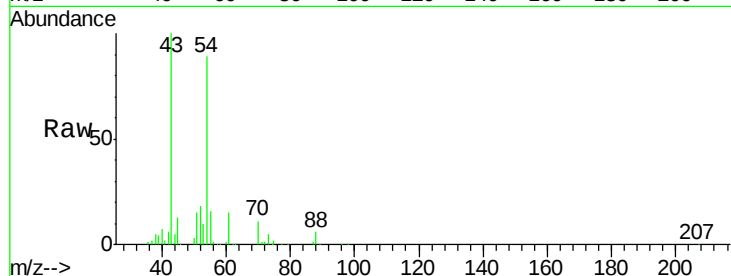




#37
Ethyl Acetate
Concen: 51.456 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

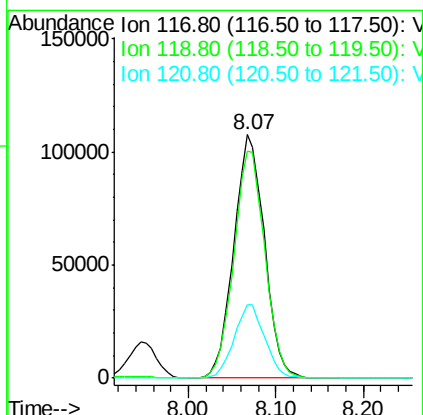
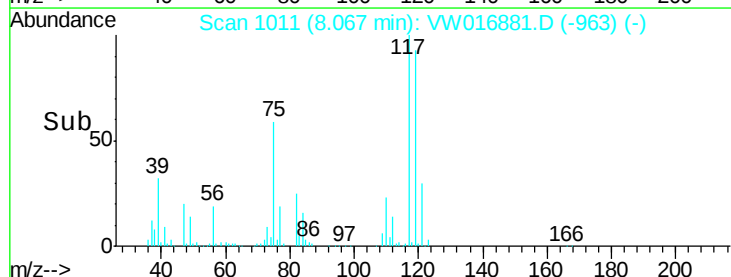
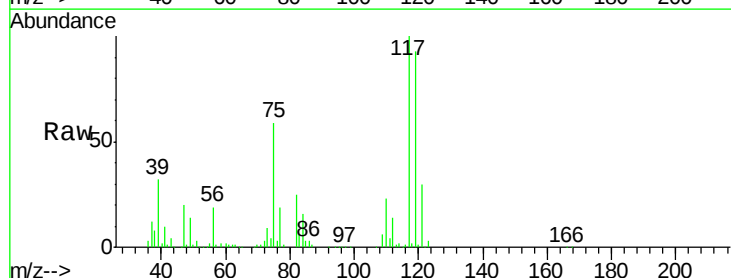
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

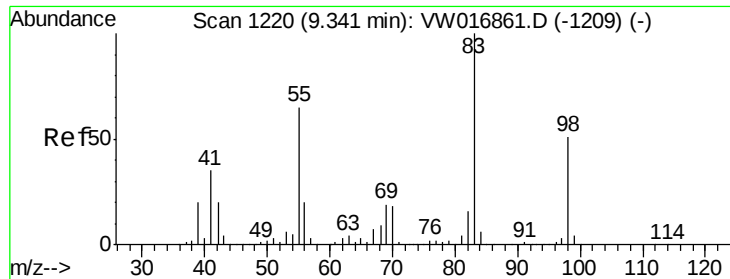
Tot Ion: 43 Resp: 82541
Ion Ratio Lower Upper
43 100
61 15.5 12.0 18.0
70 12.2 9.9 14.9



#38
Carbon Tetrachloride
Concen: 51.331 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 117 Resp: 262040
Ion Ratio Lower Upper
117 100
119 93.2 81.6 122.4
121 29.9 25.7 38.5

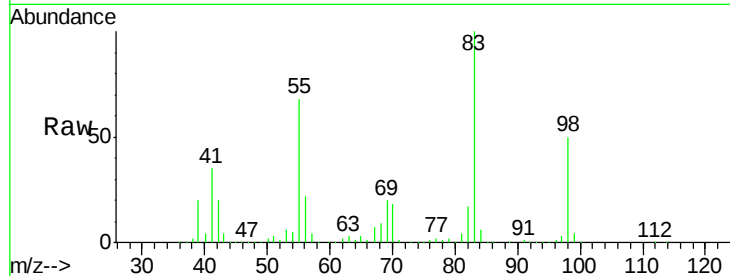




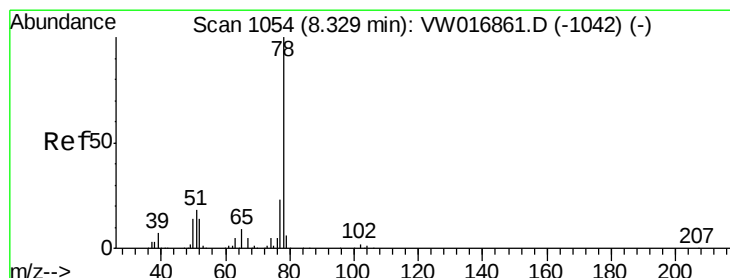
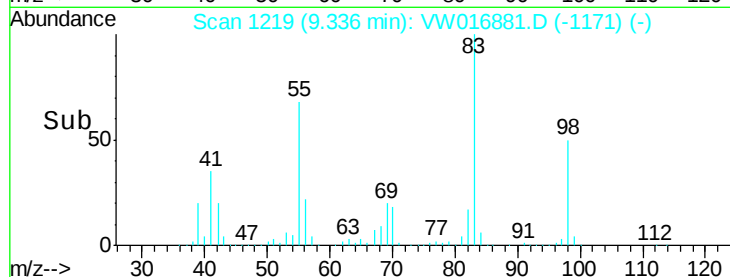
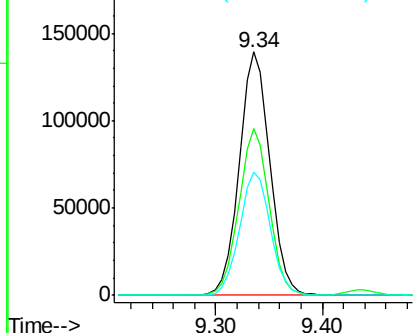
#39
Methvlcvclohexane
Concen: 50.223 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 281195
Ion Ratio Lower Upper
83 100
55 68.4 51.7 77.5
98 50.5 41.0 61.4

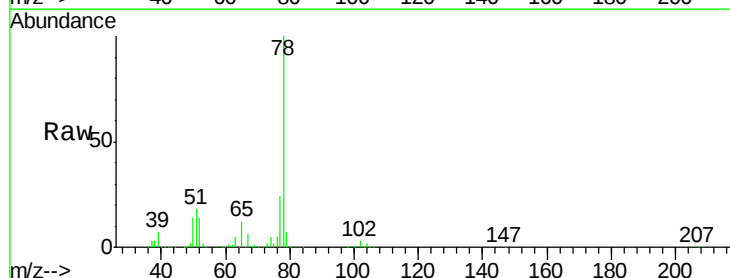


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

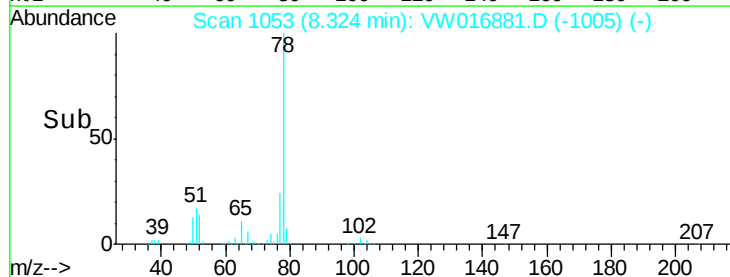
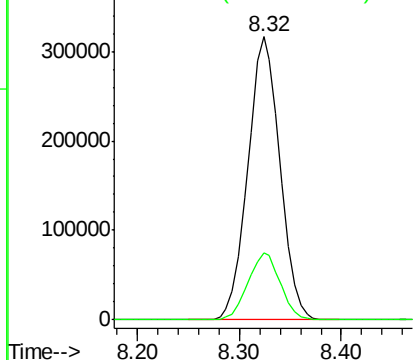


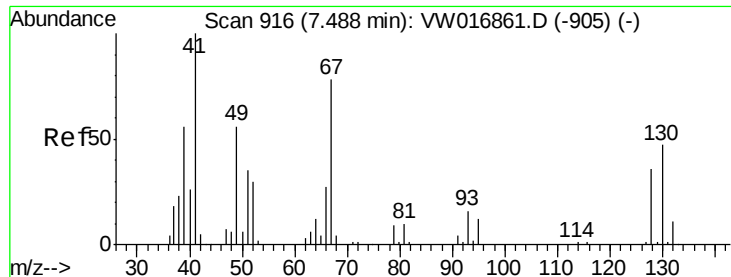
#40
Benzene
Concen: 50.605 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 78 Resp: 692280
Ion Ratio Lower Upper
78 100
77 23.7 18.5 27.7



Abundance Ion 78.00 (77.70 to 78.70): VW
Ion 77.00 (76.70 to 77.70): VW





#41

Methacrylonitrile

Concen: 48.722 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 46313

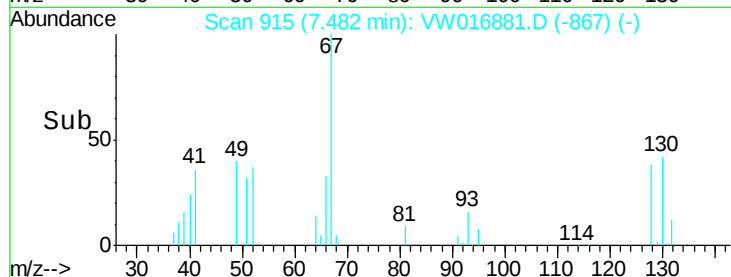
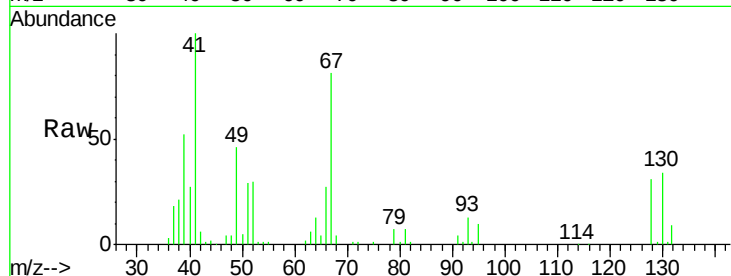
Ion Ratio Lower Upper

41 100

39 58.9 47.0 70.6

67 86.0 68.6 102.8

52 33.8 28.1 42.1

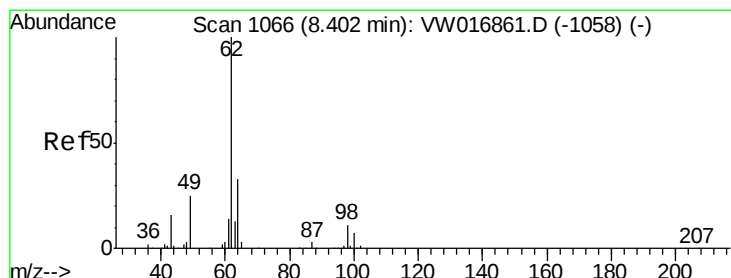
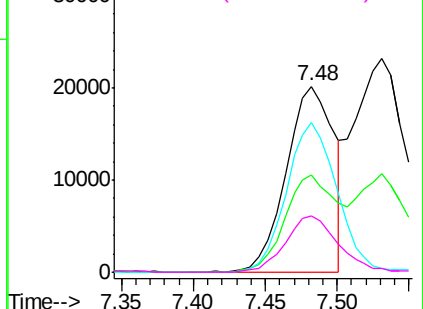


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 50.653 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016881.D

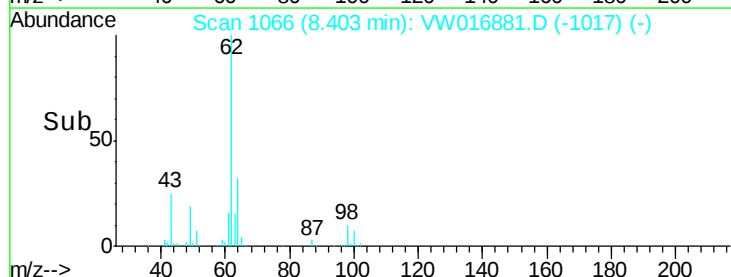
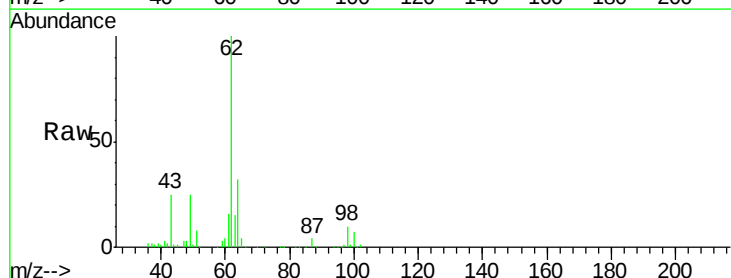
Acq: 12 Oct 2020 14:40

Tgt Ion: 62 Resp: 189543

Ion Ratio Lower Upper

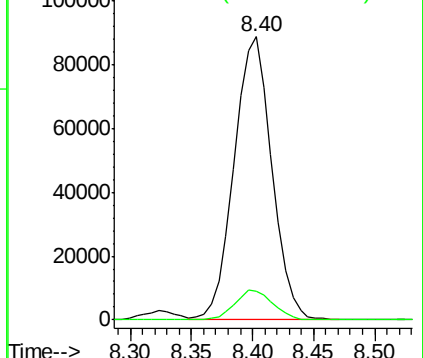
62 100

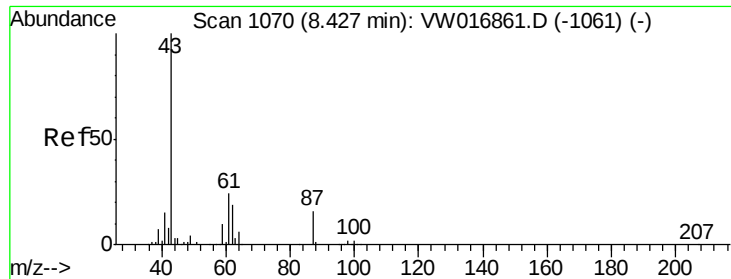
98 10.6 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.112 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

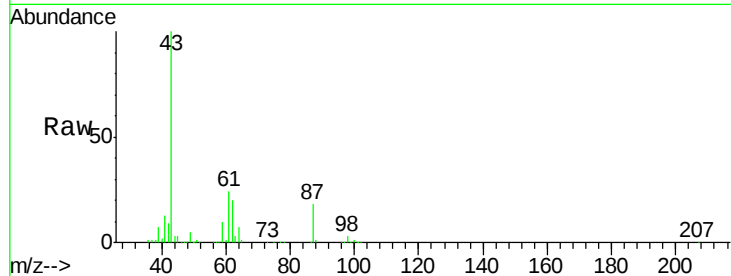
Tot Ion: 43 Resp: 160138

Ion Ratio Lower Upper

43 100

61 34.6 27.5 41.3

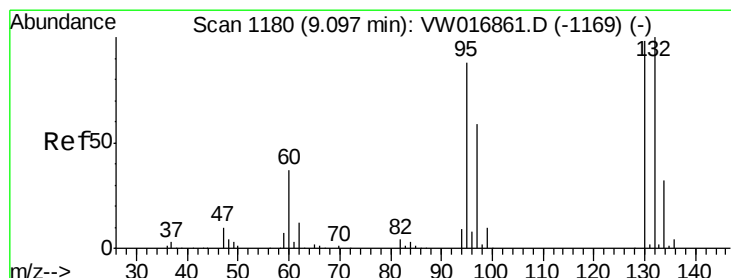
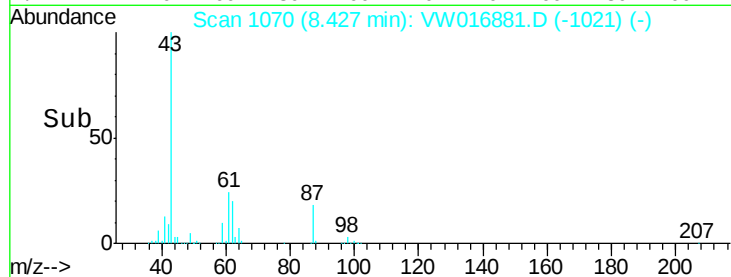
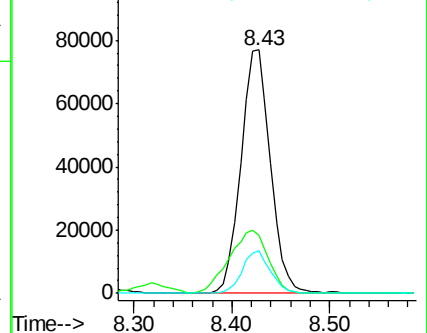
87 16.8 13.6 20.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.058 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW016881.D

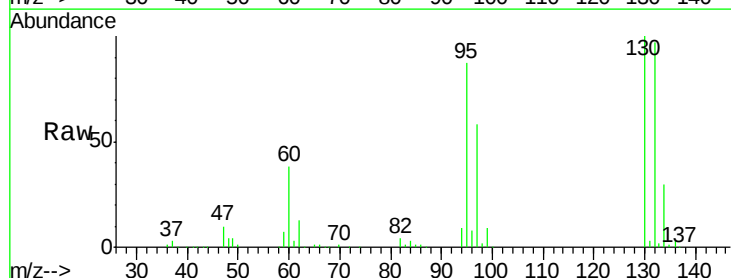
Acq: 12 Oct 2020 14:40

Tgt Ion: 130 Resp: 211955

Ion Ratio Lower Upper

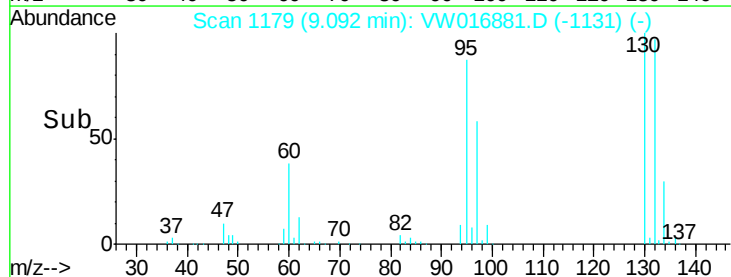
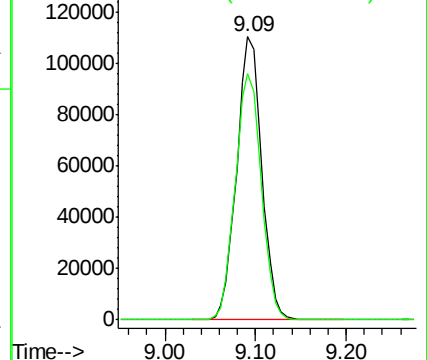
130 100

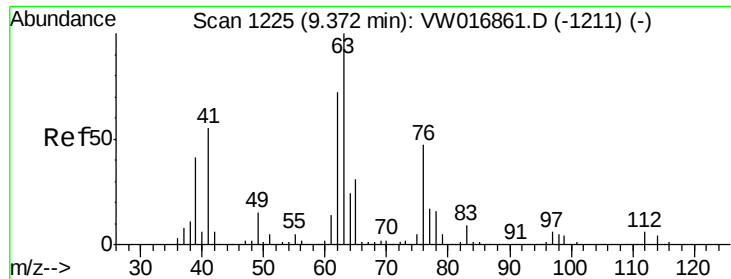
95 86.8 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

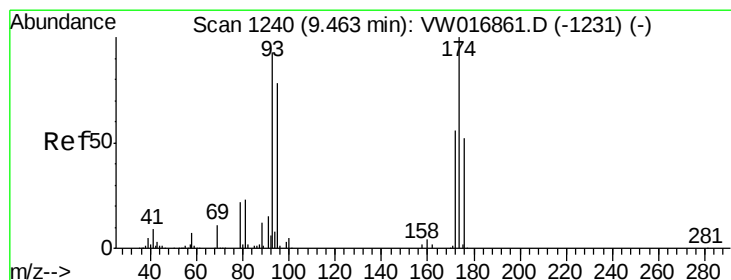
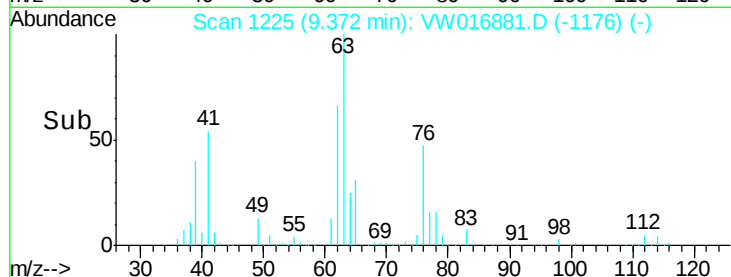
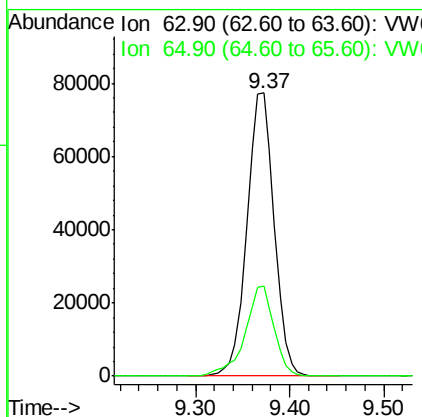
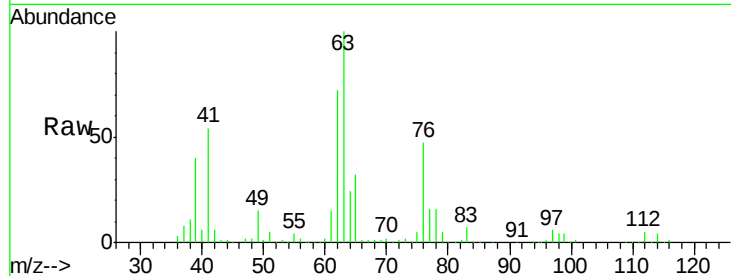




#45
 1,2-Dichloropropane
 Concen: 50.367 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

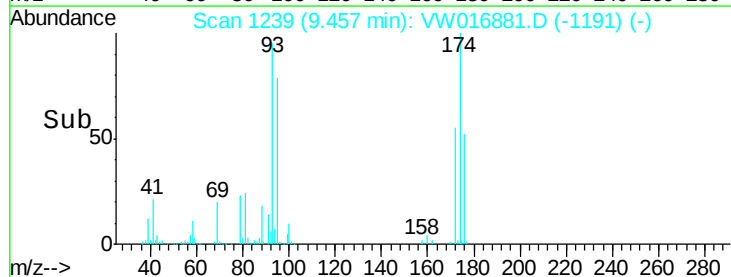
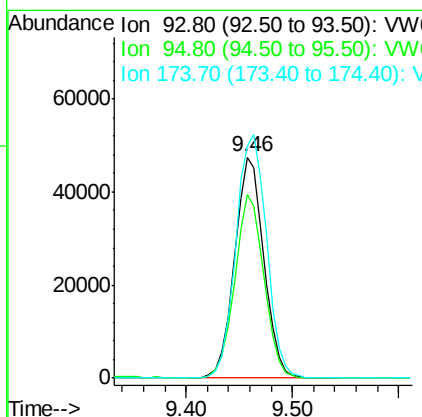
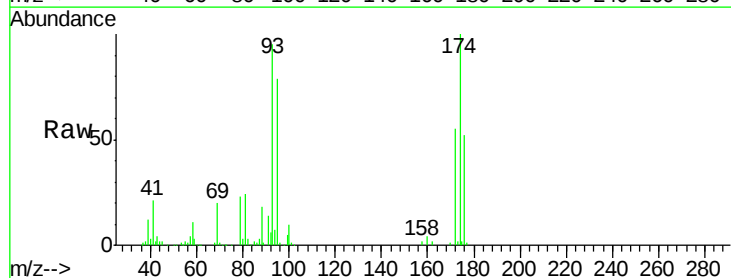
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

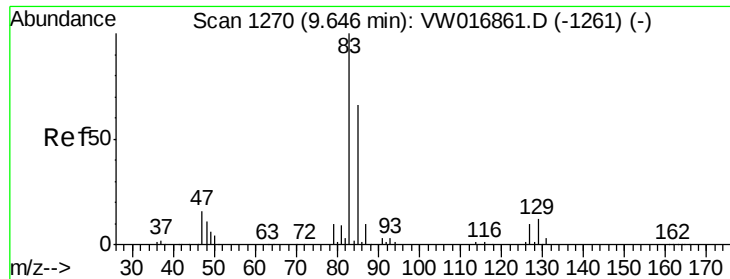
Tot Ion: 63 Resp: 157129
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.1 37.7



#46
 Dibromomethane
 Concen: 51.187 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion: 93 Resp: 91336
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.5 99.7
 174 115.9 91.0 136.6

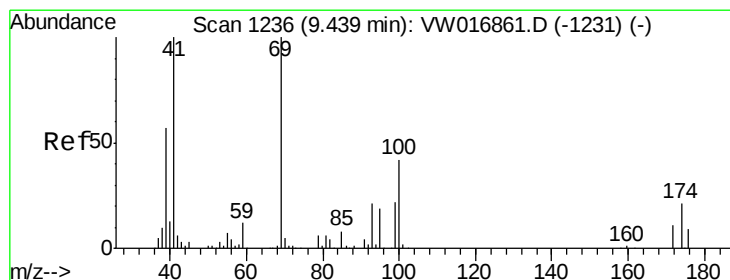
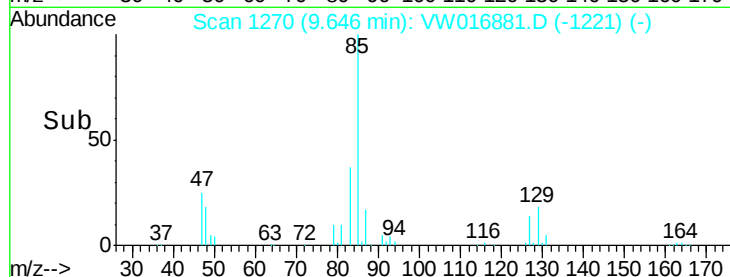
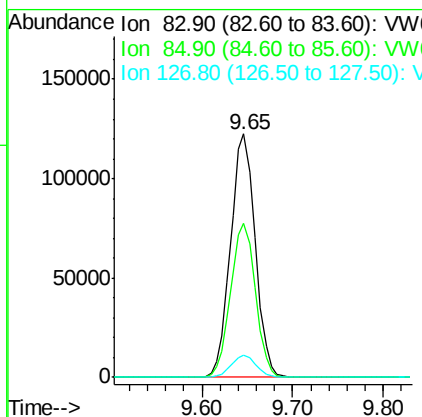
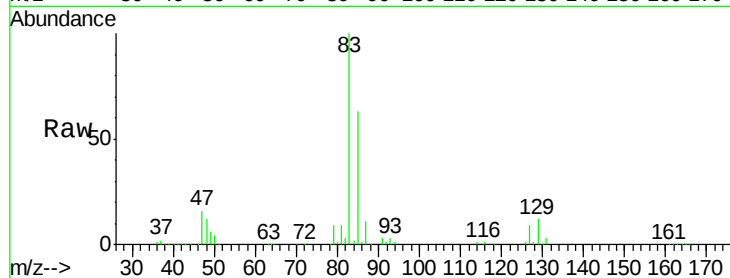




#47
Bromodichloromethane
Concen: 52.017 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

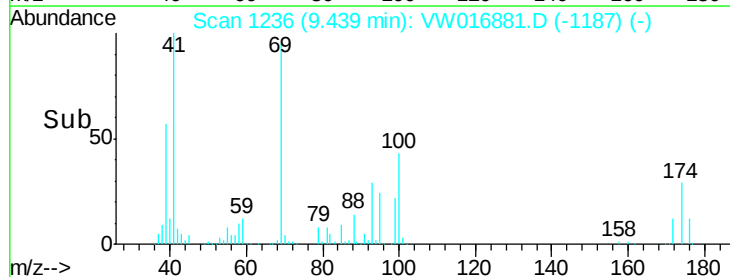
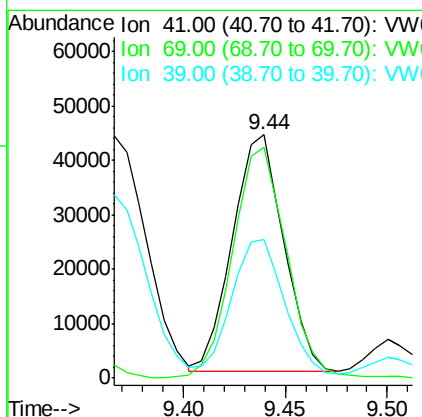
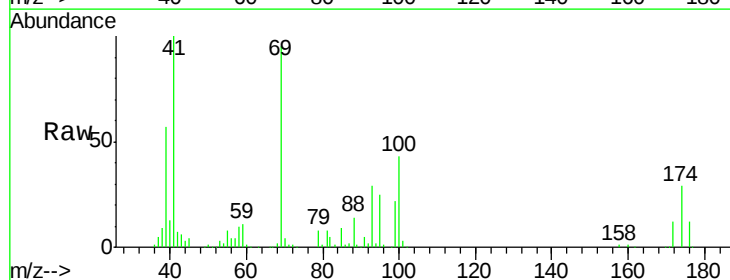
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

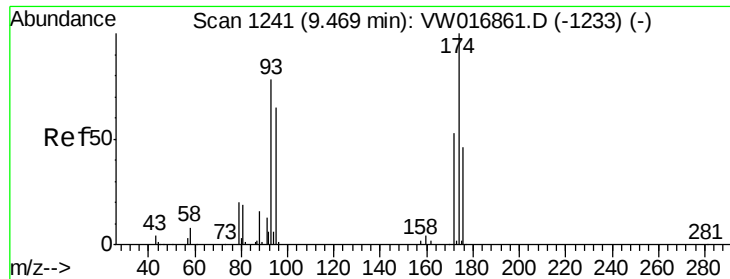
Tot Ion: 83 Resp: 230782
Ion Ratio Lower Upper
83 100
85 63.3 52.7 79.1
127 8.9 7.8 11.6



#48
Methyl methacrylate
Concen: 53.472 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 41 Resp: 75721
Ion Ratio Lower Upper
41 100
69 103.1 83.5 125.3
39 62.3 50.9 76.3

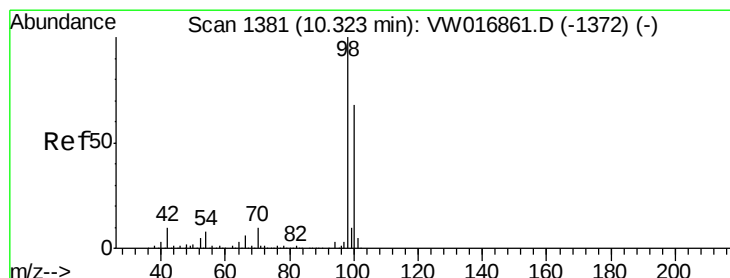
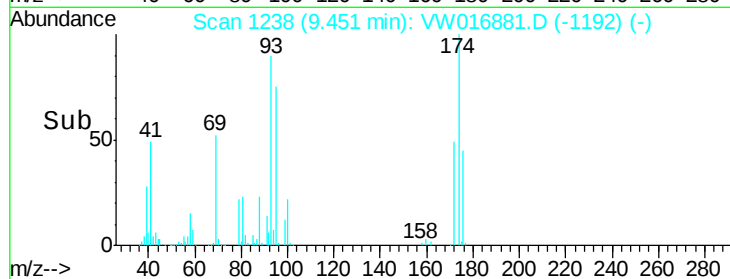
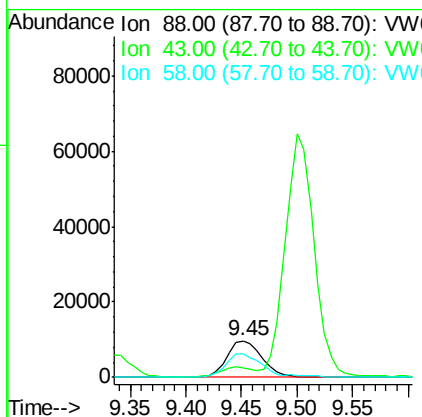
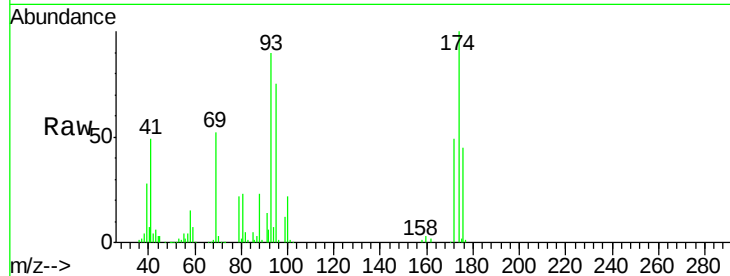




#49
1,4-Dioxane
Concen: 1033.094 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.02 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

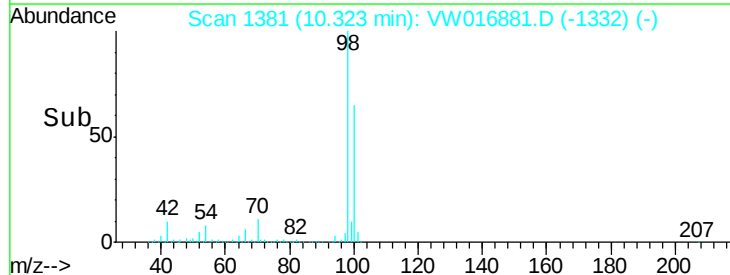
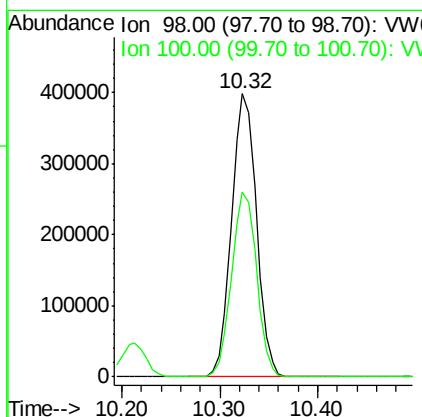
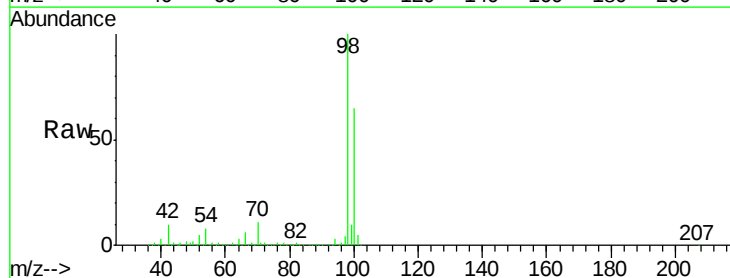
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

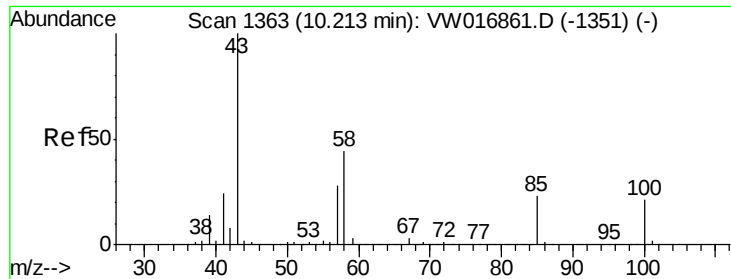
Tot Ion: 88 Resp: 21204
Ion Ratio Lower Upper
88 100
43 25.7 0.0 0.0#
58 69.0 54.0 81.0



#50
Toluene-d8
Concen: 54.015 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 98 Resp: 705009
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 256.904 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

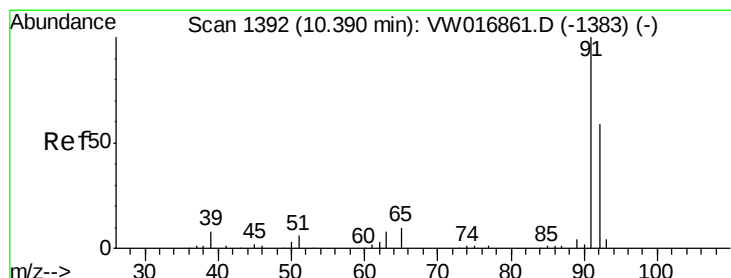
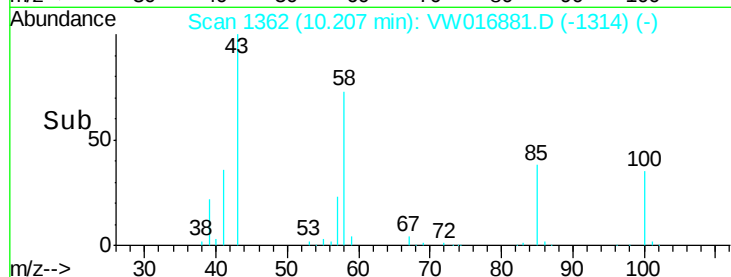
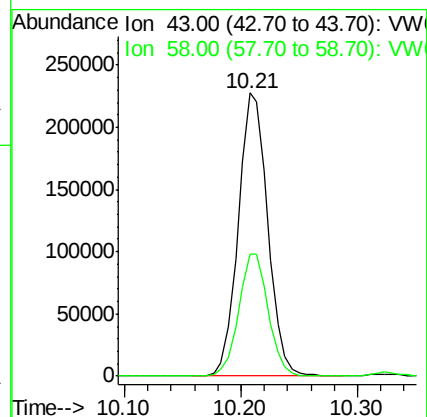
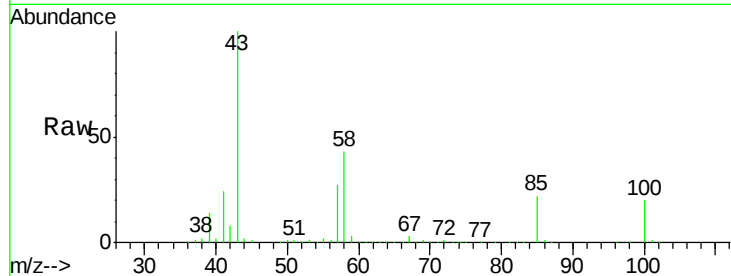
VSTDCCC050

Tot Ion: 43 Resp: 399383

Ion Ratio Lower Upper

43 100

58 43.3 34.7 52.1



#52

Toluene

Concen: 50.418 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016881.D

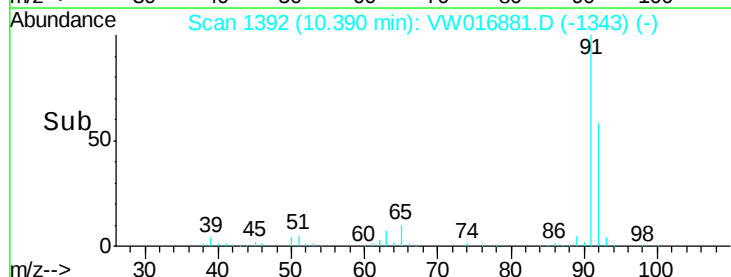
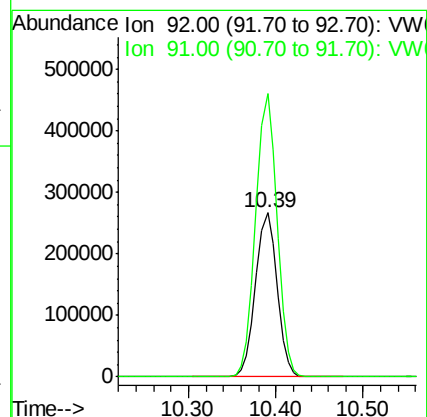
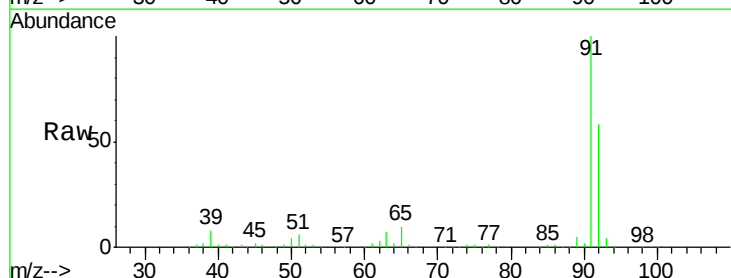
Acq: 12 Oct 2020 14:40

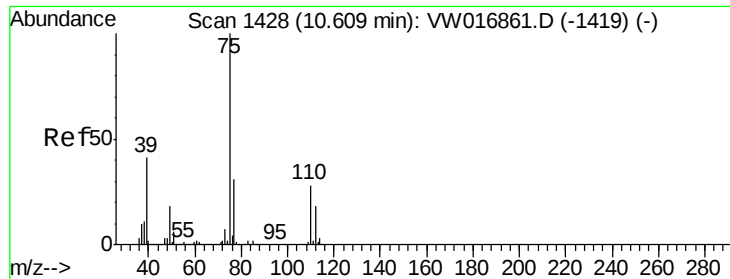
Tgt Ion: 92 Resp: 455934

Ion Ratio Lower Upper

92 100

91 171.8 134.7 202.1





#53

t-1,3-Dichloropropene

Concen: 53.847 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

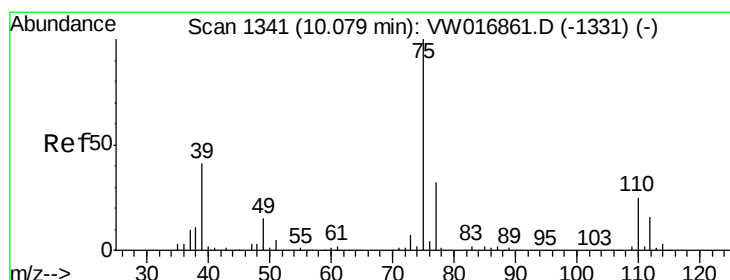
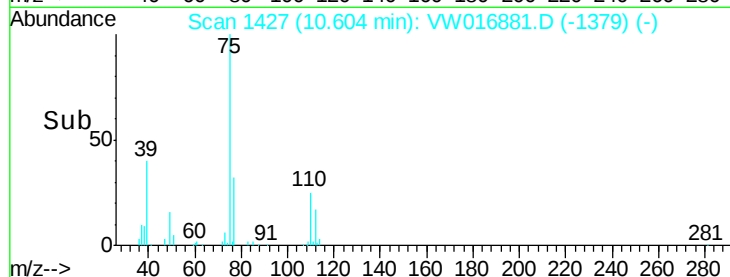
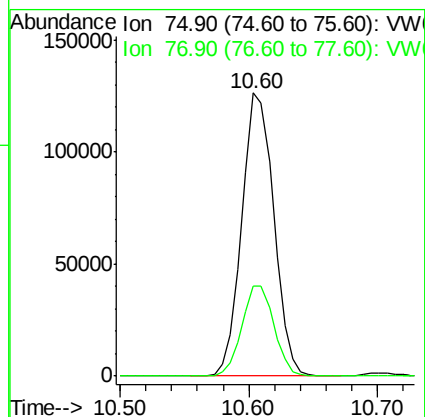
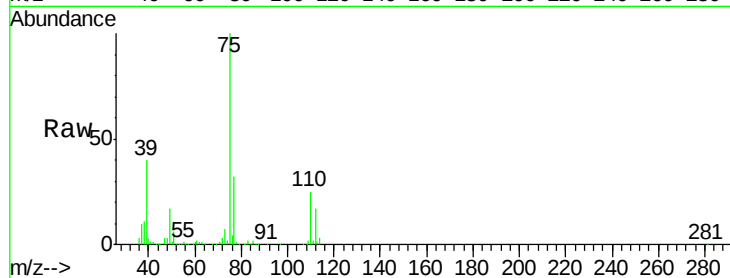
VSTDCCC050

Tot Ion: 75 Resp: 217490

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 53.092 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

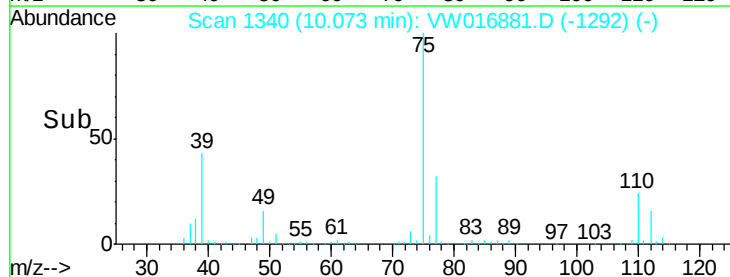
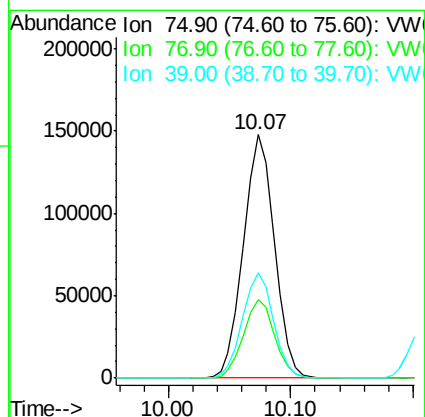
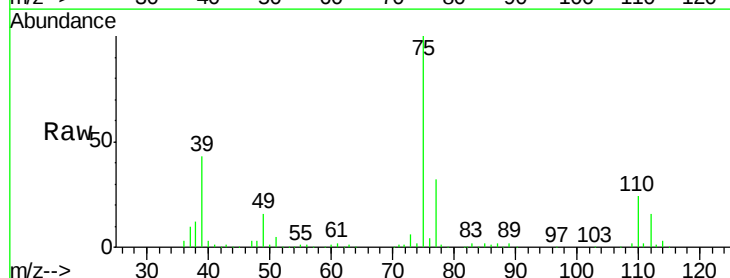
Tgt Ion: 75 Resp: 261929

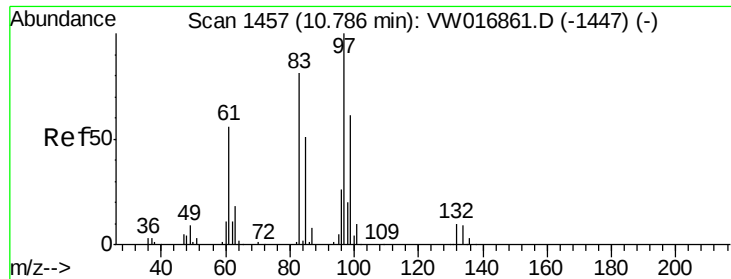
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 43.4 32.9 49.3

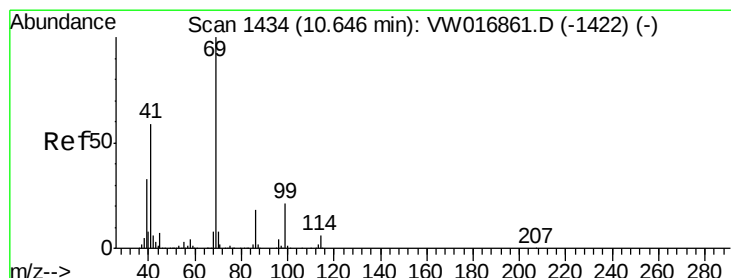
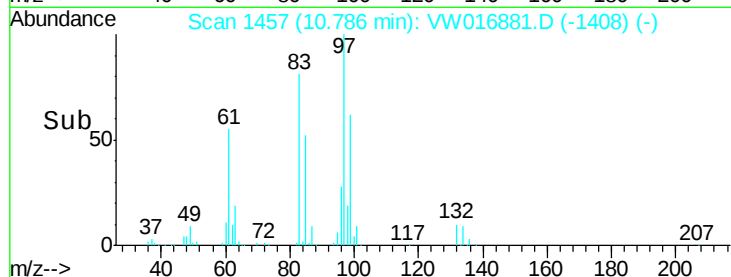
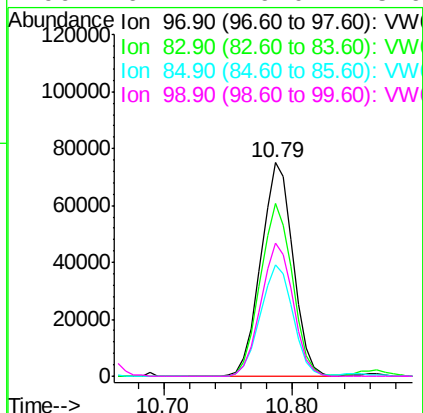
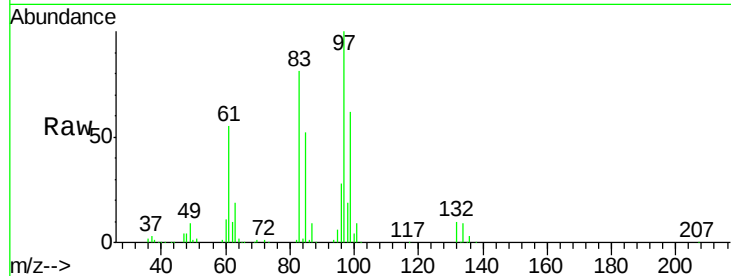




#55
 1,1,2-Trichloroethane
 Concen: 51.063 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

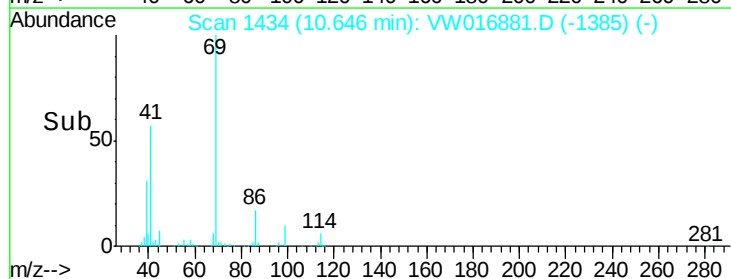
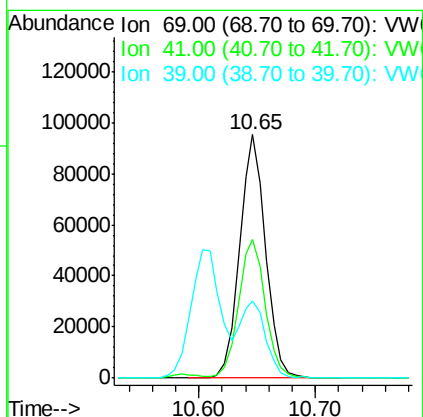
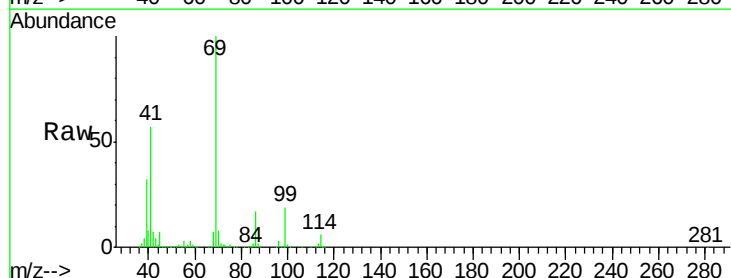
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

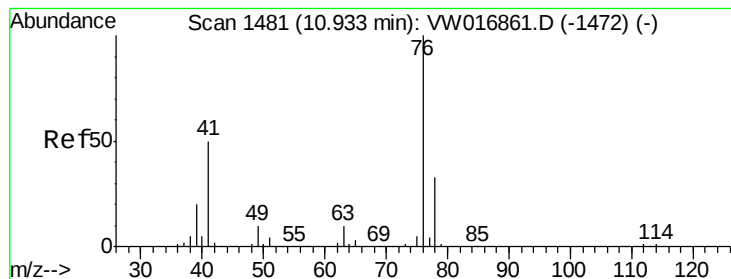
Tot Ion:	97	Resp:	129693
Ion	Ratio	Lower	Upper
97	100		
83	81.1	64.6	97.0
85	52.3	40.6	61.0
99	62.4	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 53.313 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion:	69	Resp:	147305
Ion	Ratio	Lower	Upper
69	100		
41	58.3	46.3	69.5
39	31.5	25.9	38.9





#57

1,3-Dichloropropane

Concen: 50.826 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

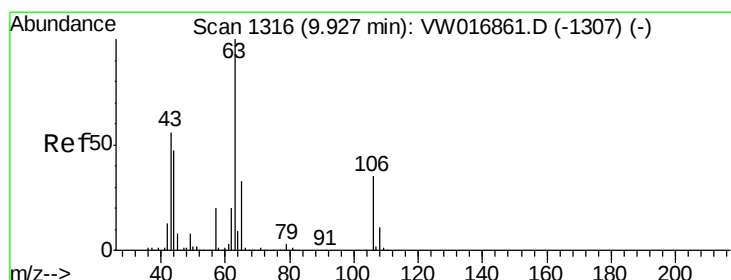
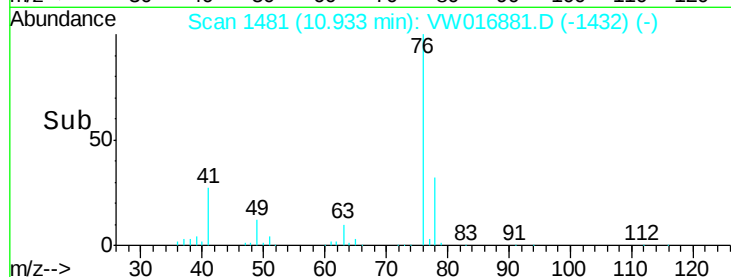
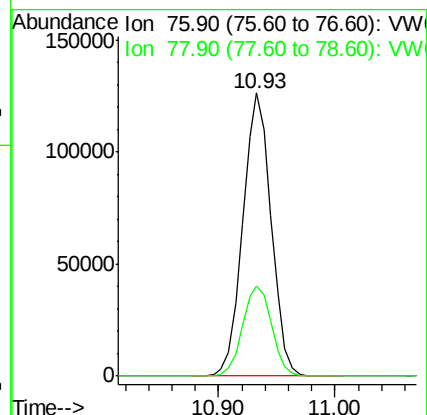
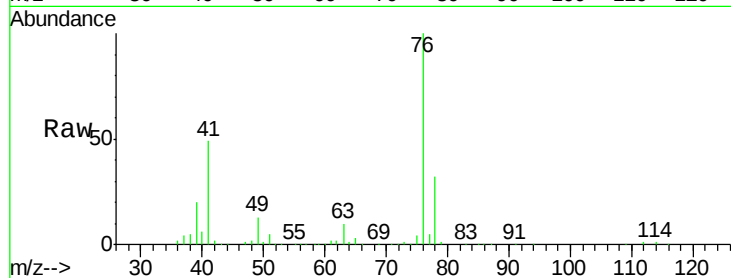
VSTDCCC050

Tot Ion: 76 Resp: 213576

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 260.143 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VW016881.D

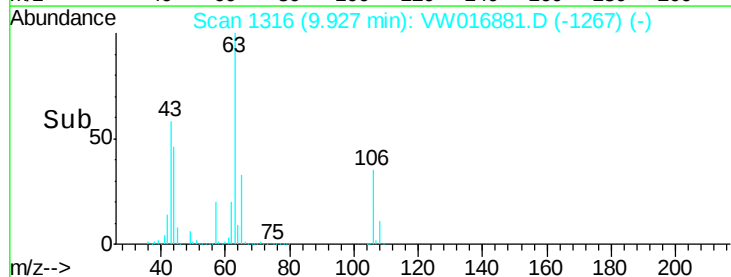
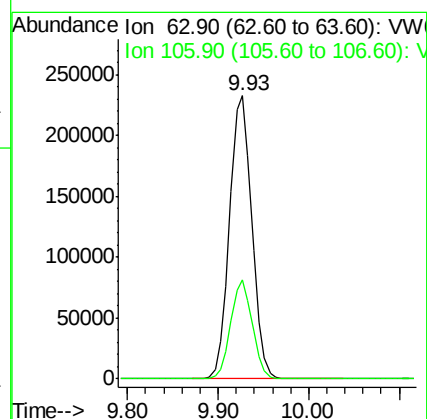
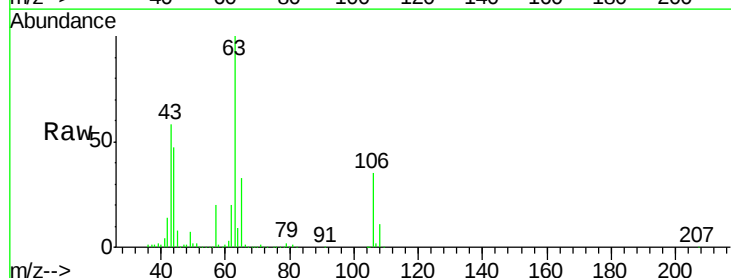
Acq: 12 Oct 2020 14:40

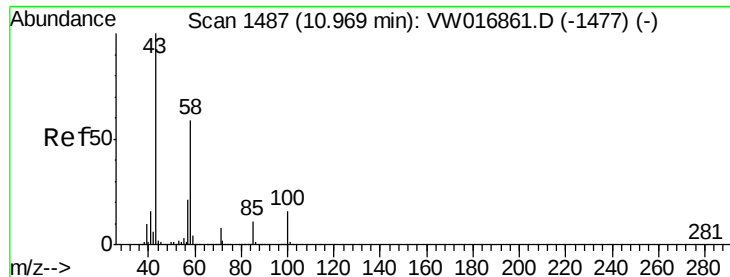
Tgt Ion: 63 Resp: 398309

Ion Ratio Lower Upper

63 100

106 33.7 27.0 40.4

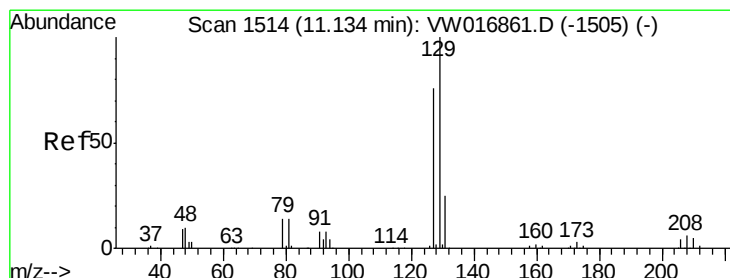
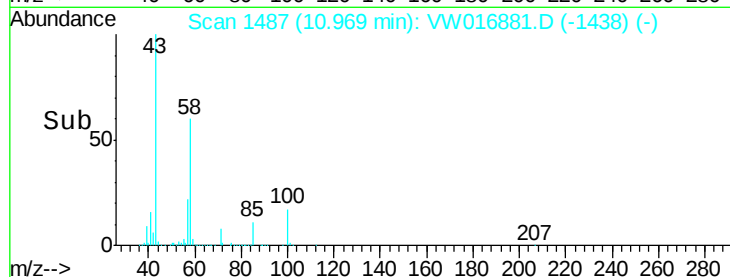
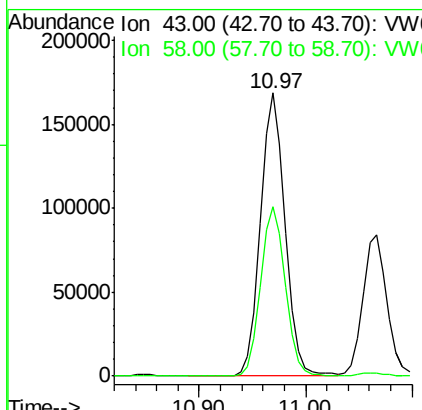
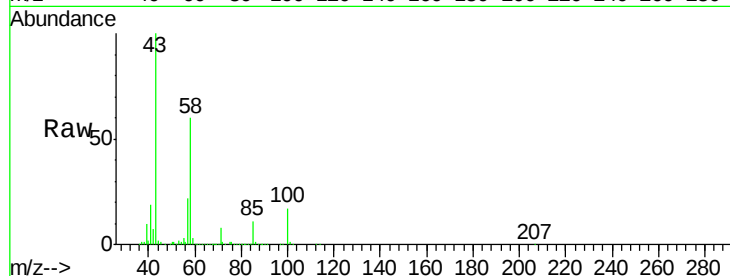




#59
2-Hexanone
Concen: 265.774 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

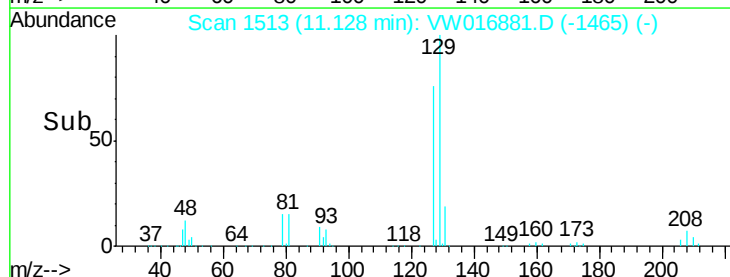
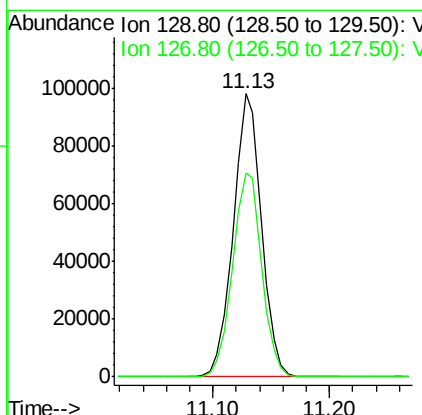
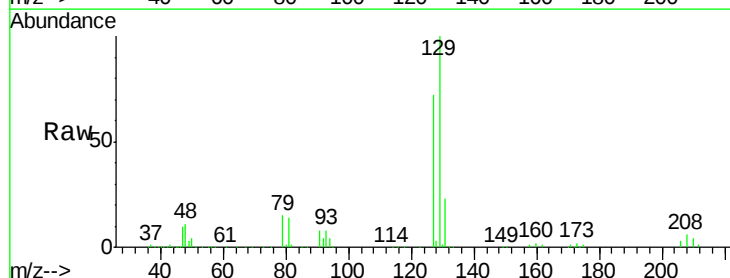
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

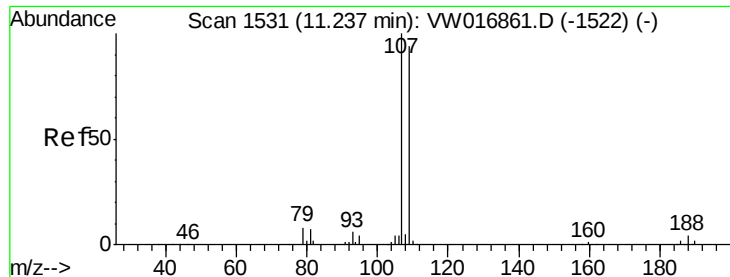
Tot Ion: 43 Resp: 273372
Ion Ratio Lower Upper
43 100
58 60.1 29.5 88.5



#60
Dibromochloromethane
Concen: 52.944 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 129 Resp: 164935
Ion Ratio Lower Upper
129 100
127 74.4 38.9 116.6

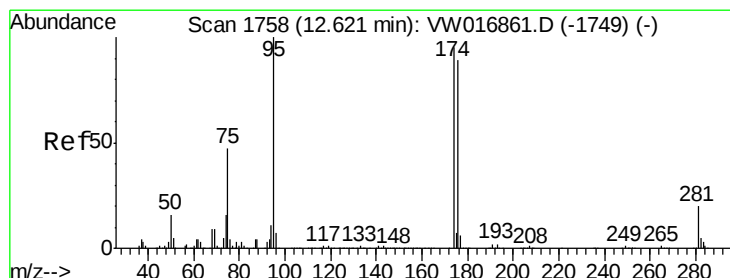
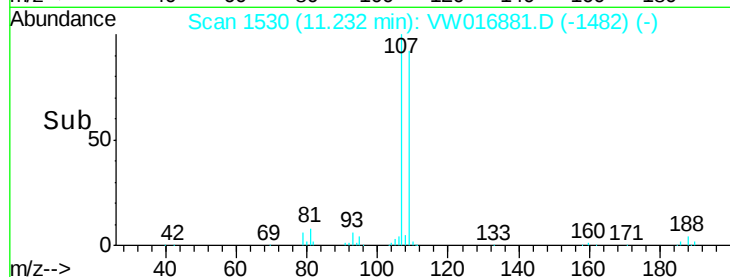
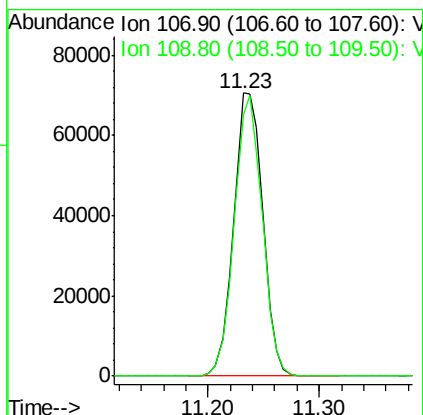
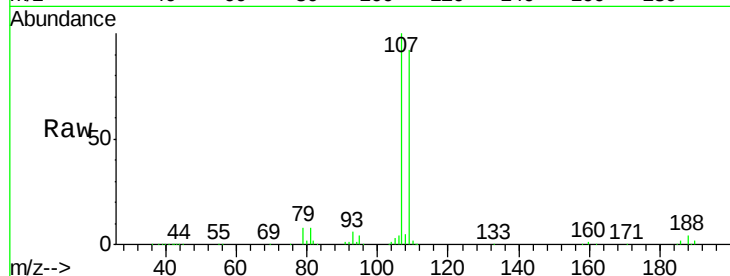




#61
 1,2-Dibromoethane
 Concen: 50.748 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

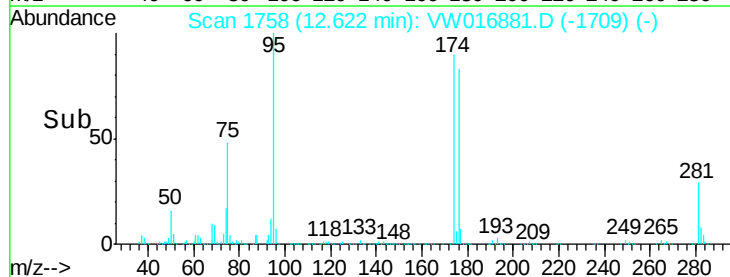
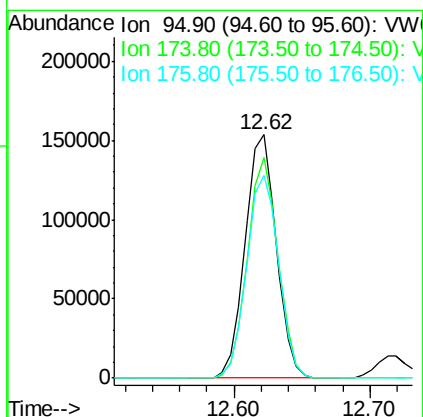
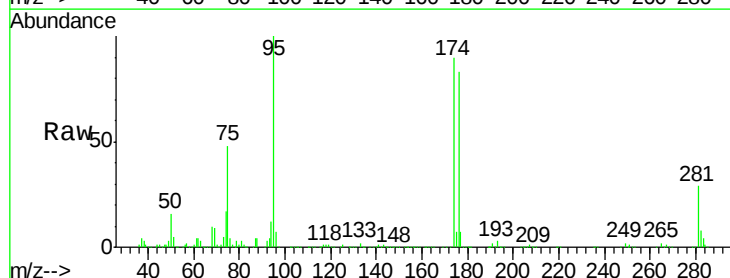
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

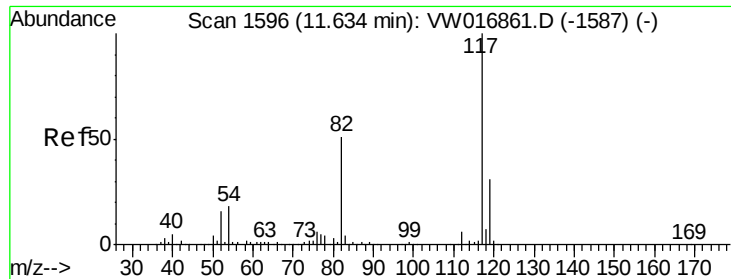
Tot Ion: 107 Resp: 127646
 Ion Ratio Lower Upper
 107 100
 109 95.0 74.7 112.1



#62
 4-Bromofluorobenzene
 Concen: 54.814 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion: 95 Resp: 246709
 Ion Ratio Lower Upper
 95 100
 174 89.2 0.0 180.6
 176 85.8 0.0 177.6

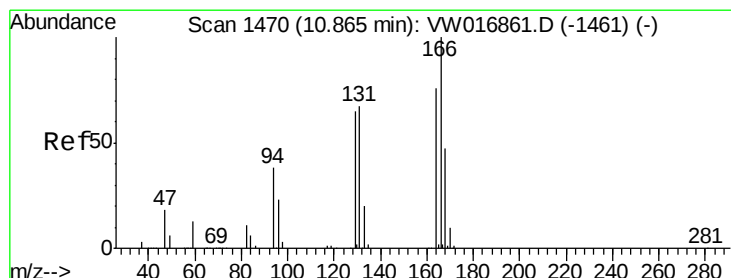
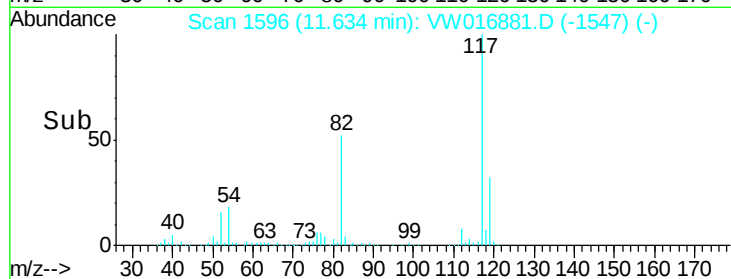
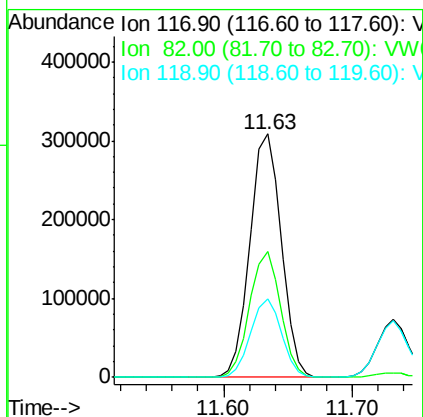
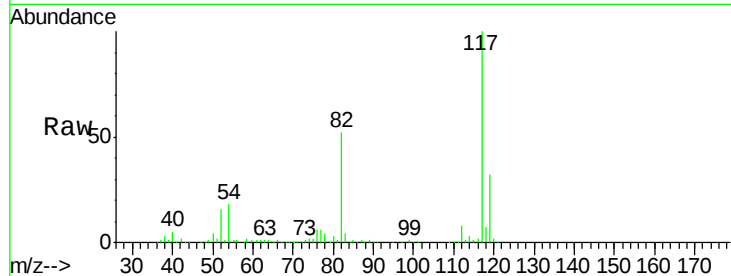




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

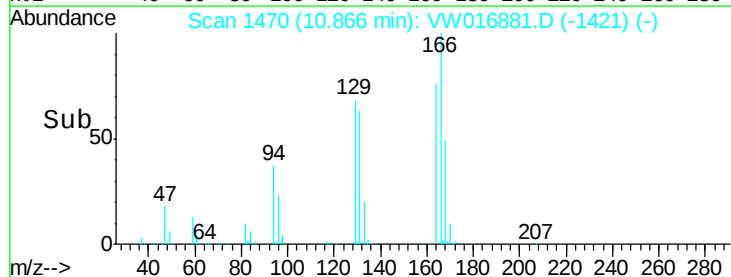
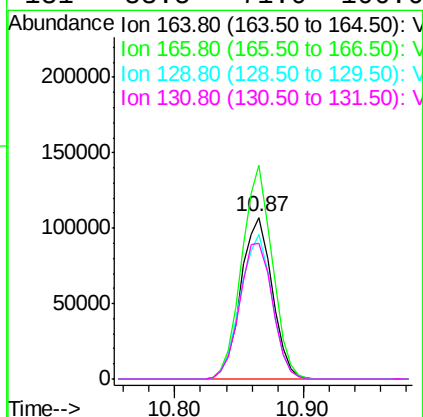
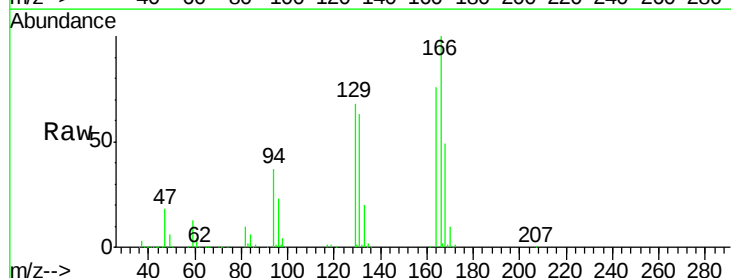
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

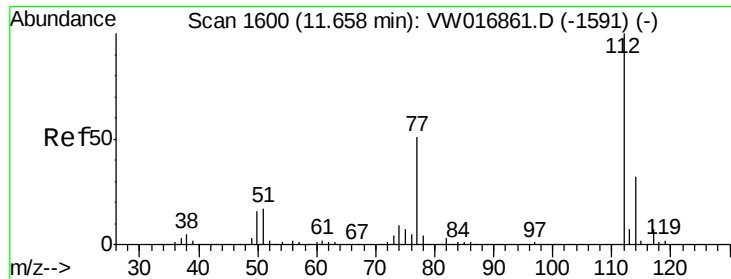
Tot Ion:117 Resp: 518065
Ion Ratio Lower Upper
117 100
82 51.8 40.7 61.1
119 32.3 25.0 37.4



#64
Tetrachloroethene
Concen: 48.708 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion:164 Resp: 179782
Ion Ratio Lower Upper
164 100
166 131.9 105.3 157.9
129 89.5 68.8 103.2
131 83.5 71.0 106.6

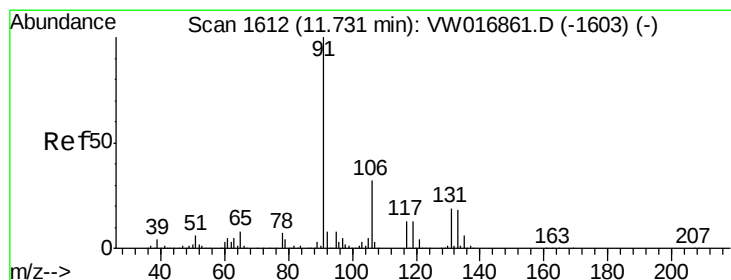
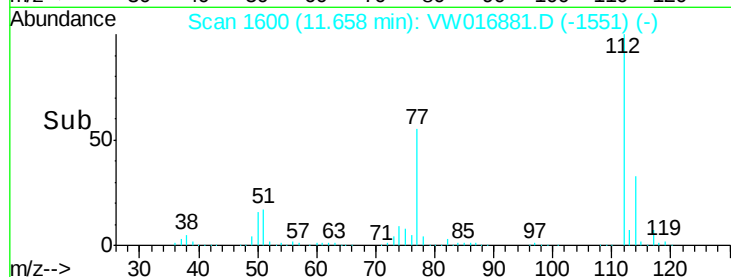
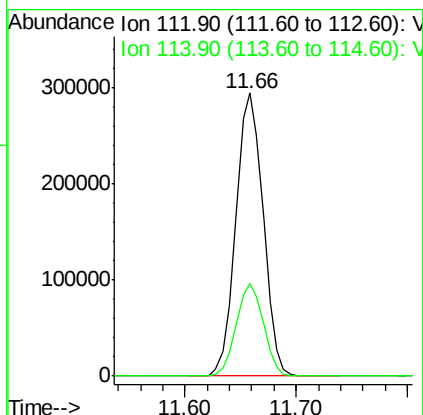
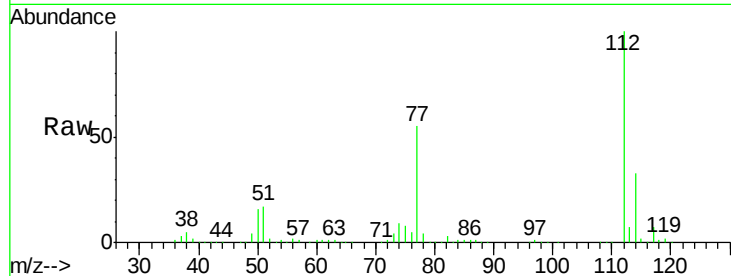




#65
Chlorobenzene
Concen: 49.090 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

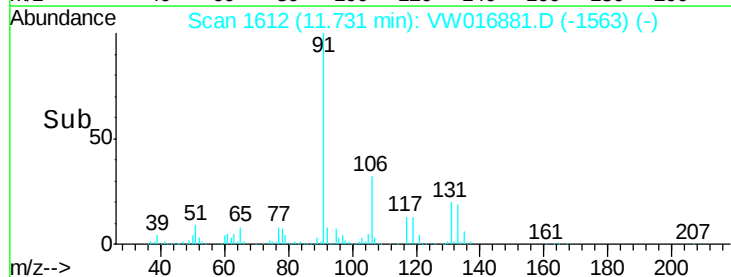
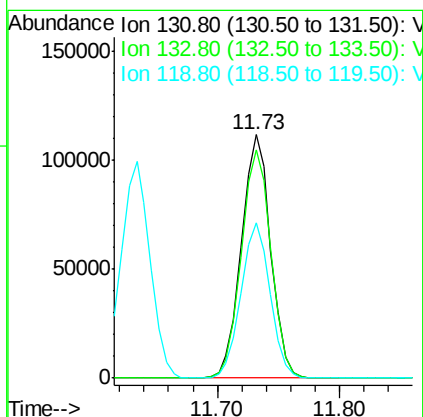
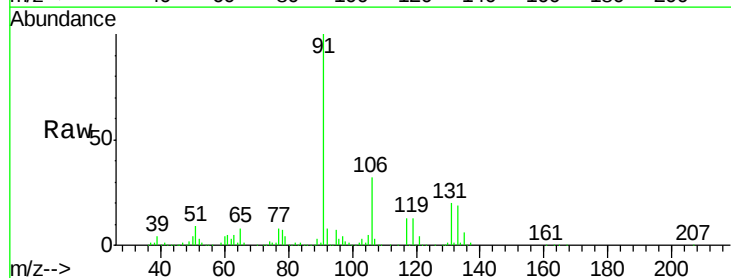
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

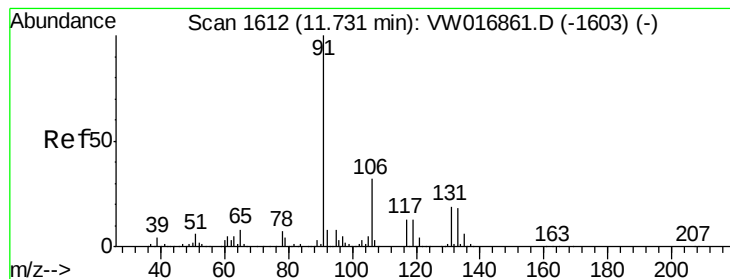
Tot Ion:112 Resp: 498834
Ion Ratio Lower Upper
112 100
114 32.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.362 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion:131 Resp: 184572
Ion Ratio Lower Upper
131 100
133 95.5 48.1 144.3
119 64.0 32.5 97.4





#67

Ethyl Benzene

Concen: 50.502 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

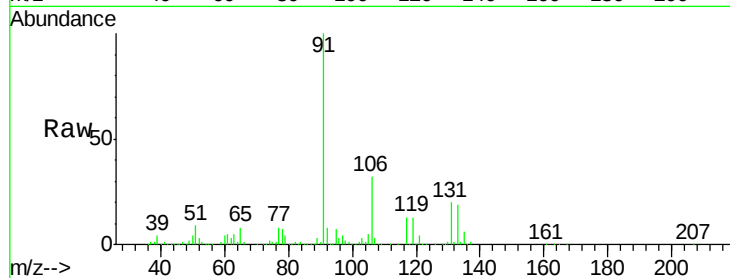
VSTDCCC050

Tot Ion: 91 Resp: 894244

Ion Ratio Lower Upper

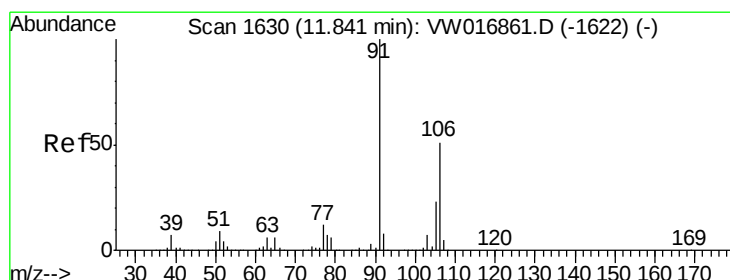
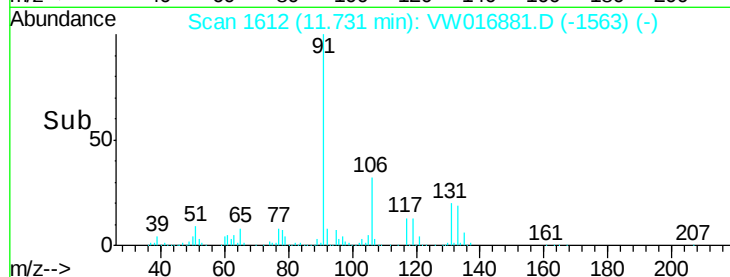
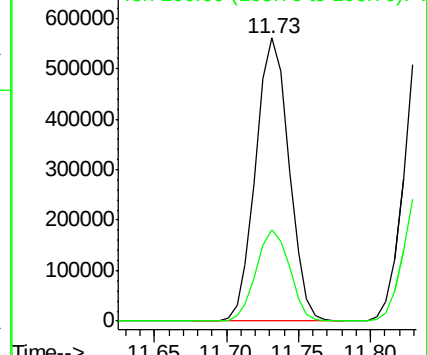
91 100

106 32.1 25.9 38.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.847 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW016881.D

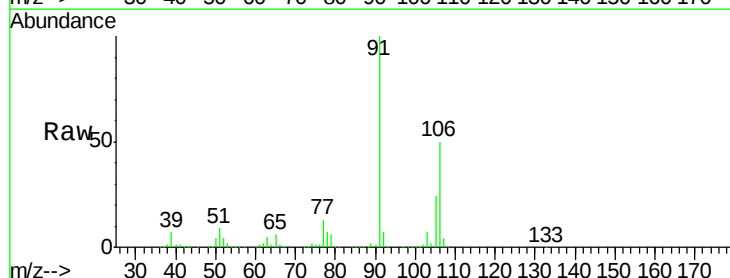
Acq: 12 Oct 2020 14:40

Tgt Ion: 106 Resp: 694510

Ion Ratio Lower Upper

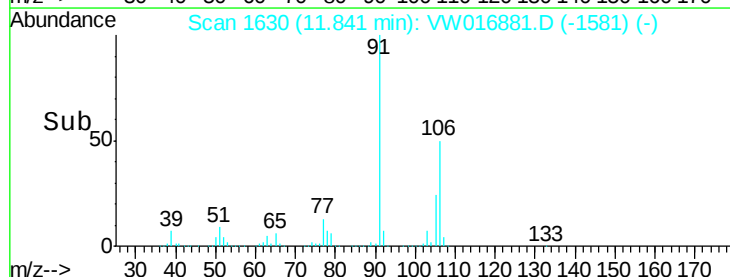
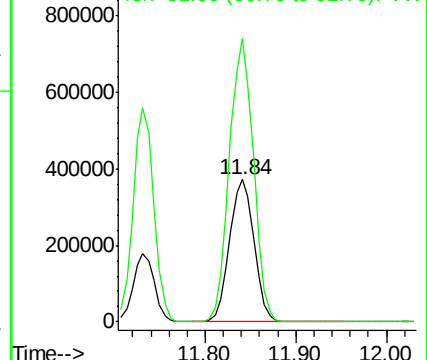
106 100

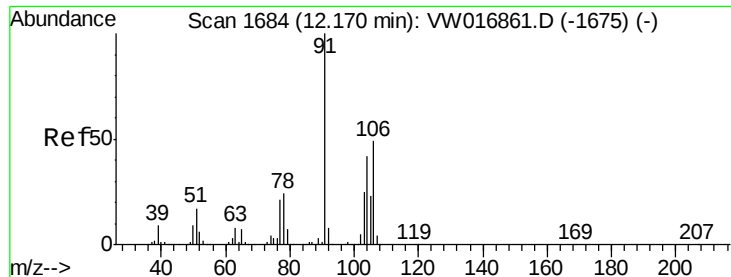
91 196.6 157.4 236.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW

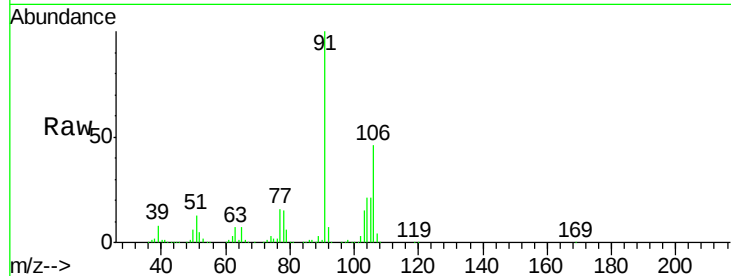




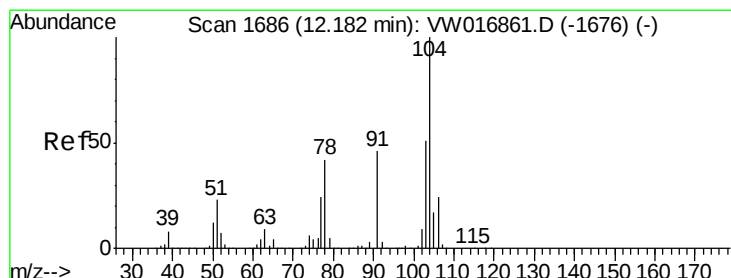
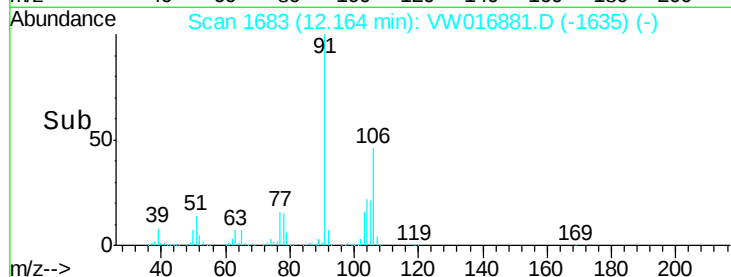
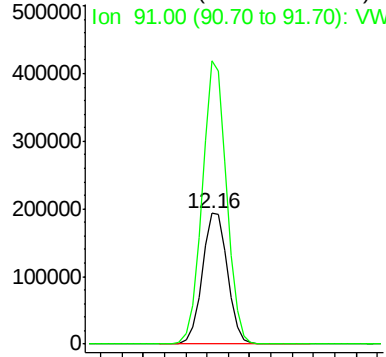
#69
o-Xylene
Concen: 50.915 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 321771
Ion Ratio Lower Upper
106 100
91 208.1 103.6 310.9

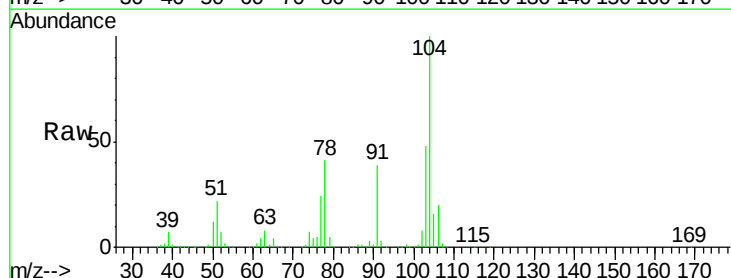


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

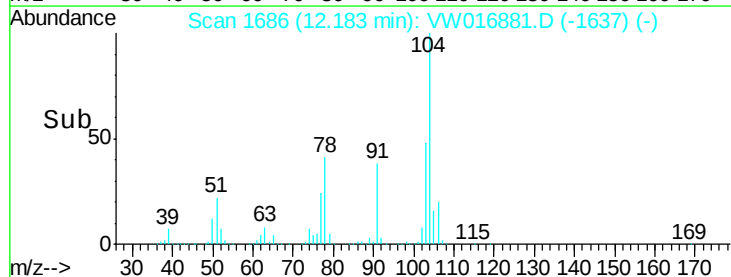
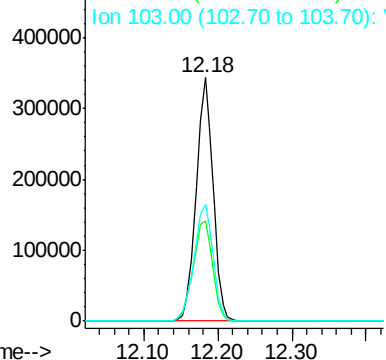


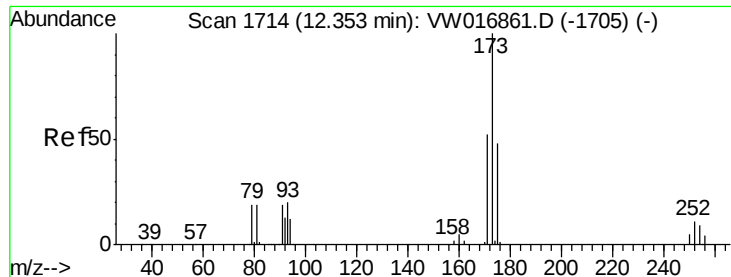
#70
Styrene
Concen: 51.585 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion:104 Resp: 542579
Ion Ratio Lower Upper
104 100
78 47.3 37.6 56.4
103 54.2 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 52.298 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

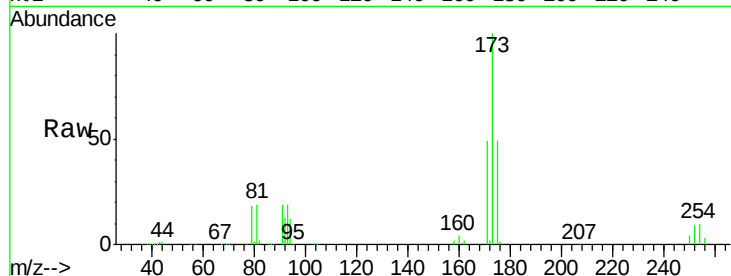
Tot Ion:173 Resp: 94351

Ion Ratio Lower Upper

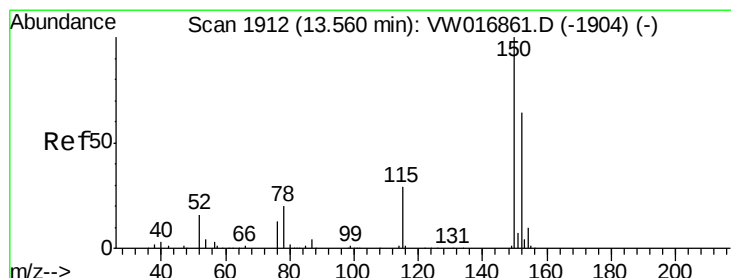
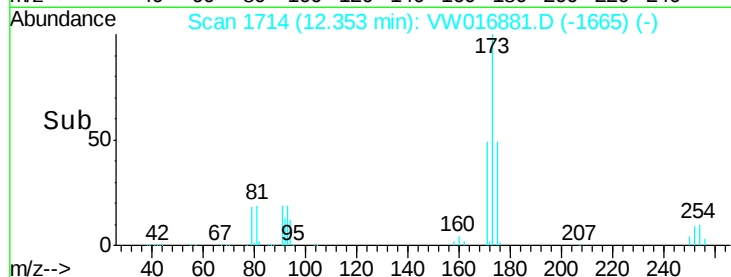
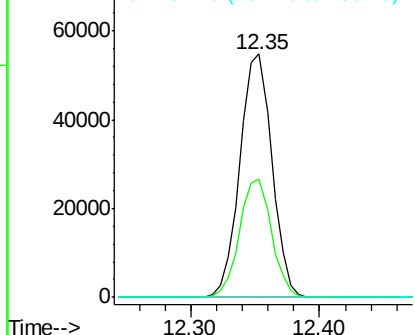
173 100

175 48.5 24.7 74.1

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

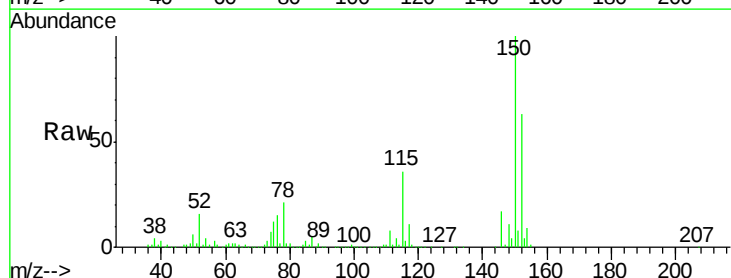
Tgt Ion:152 Resp: 258039

Ion Ratio Lower Upper

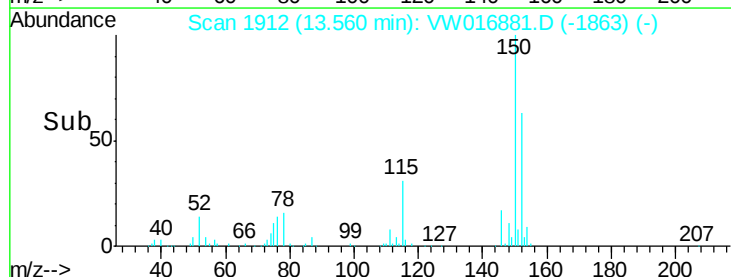
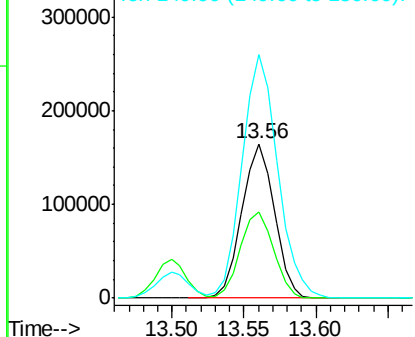
152 100

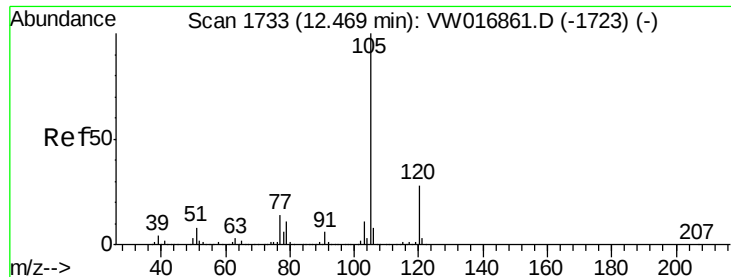
115 57.6 27.9 83.7

150 172.6 0.0 344.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.115 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

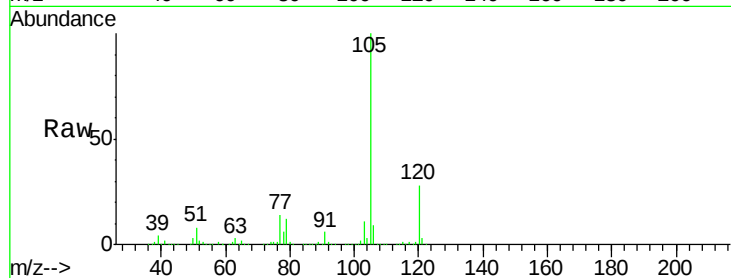
VSTDCCC050

Tot Ion:105 Resp: 910967

Ion Ratio Lower Upper

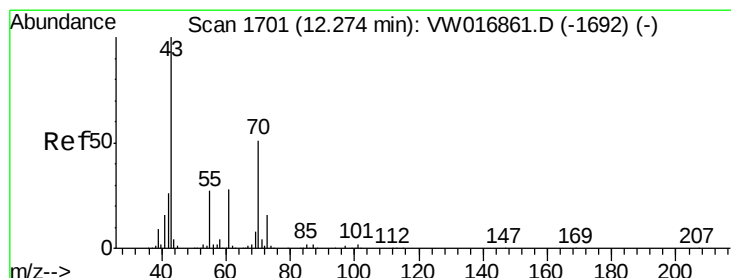
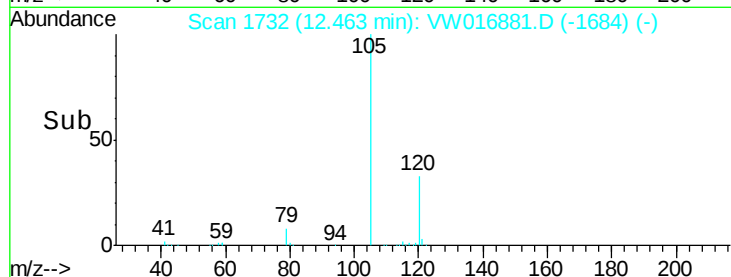
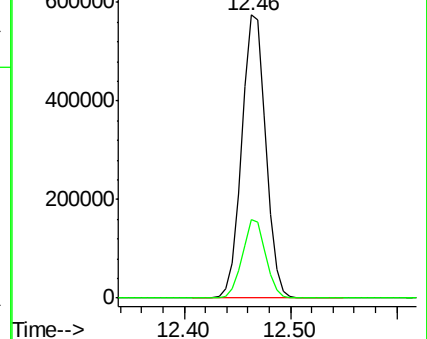
105 100

120 27.0 13.6 40.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.966 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Tgt Ion: 43 Resp: 145917

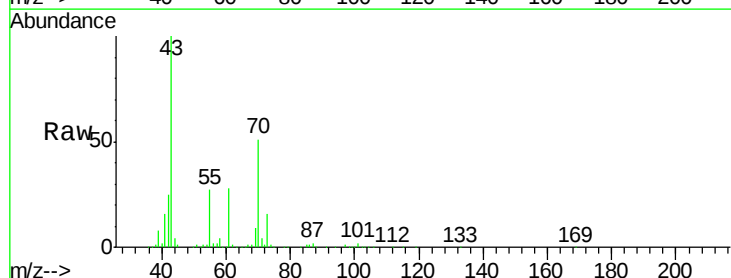
Ion Ratio Lower Upper

43 100

70 50.5 40.2 60.4

55 27.2 21.4 32.0

61 27.2 21.4 32.2

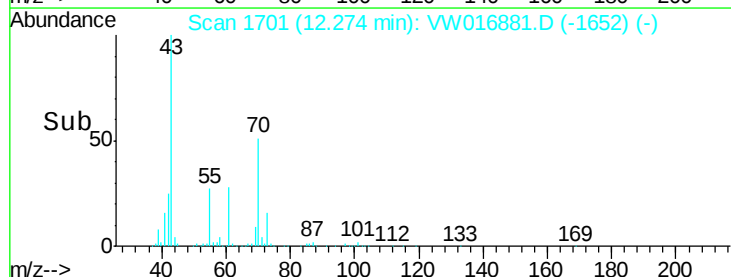
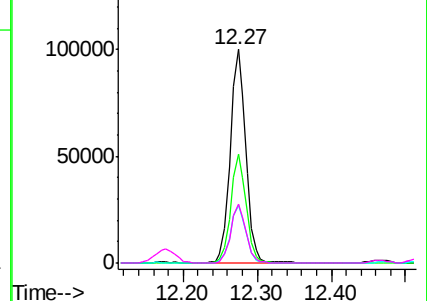


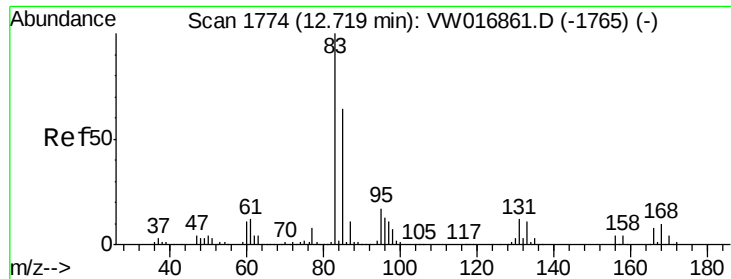
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 50.722 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

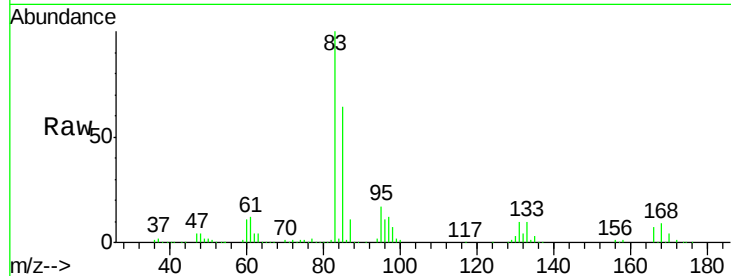
Tot Ion: 83 Resp: 136495

Ion Ratio Lower Upper

83 100

131 12.0 6.1 18.3

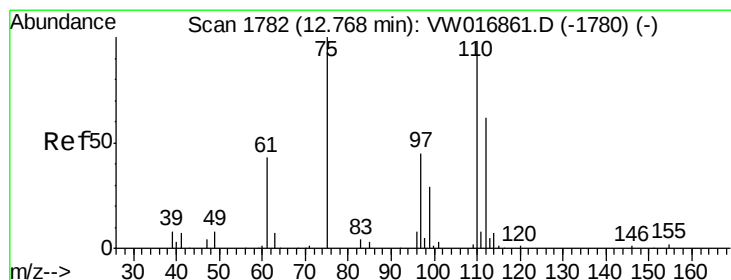
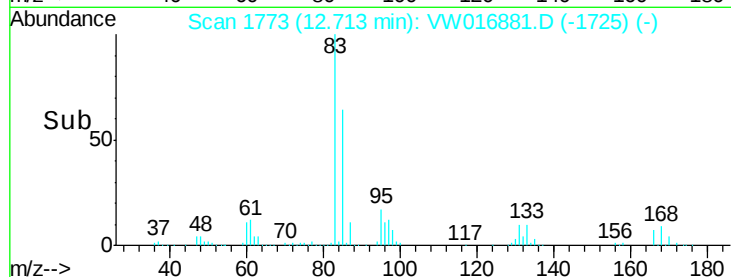
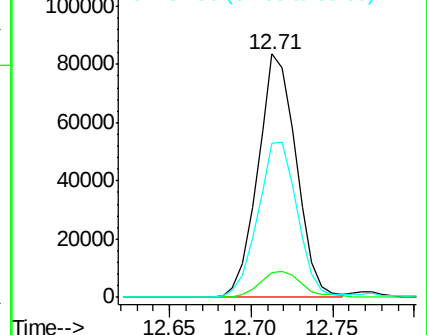
85 66.1 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 49.614 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016881.D

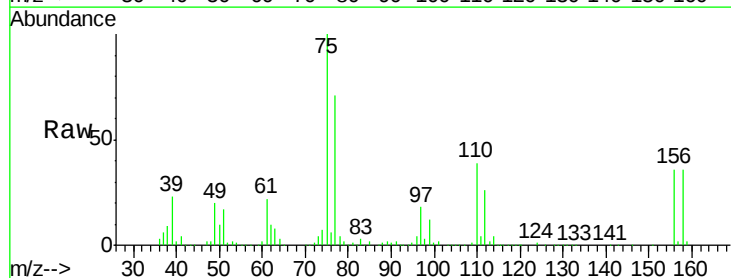
Acq: 12 Oct 2020 14:40

Tgt Ion: 75 Resp: 95526

Ion Ratio Lower Upper

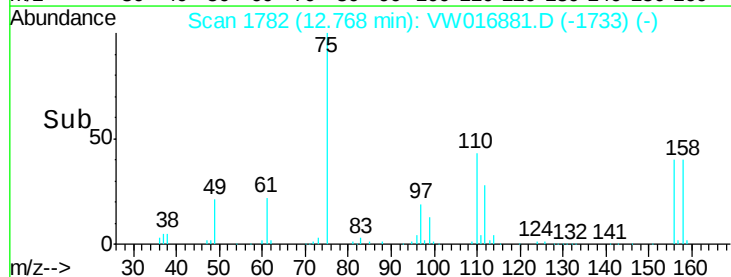
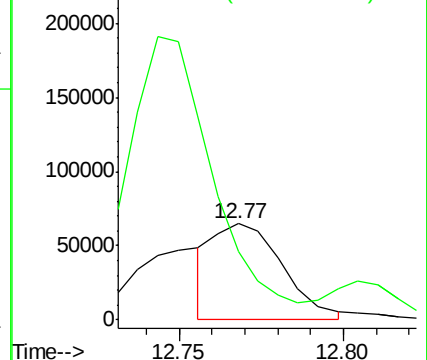
75 100

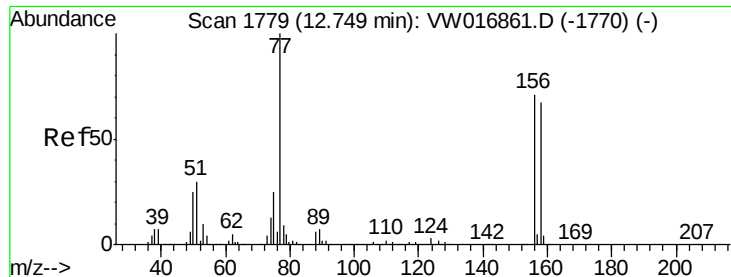
77 0.0 178.8 536.3#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.668 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

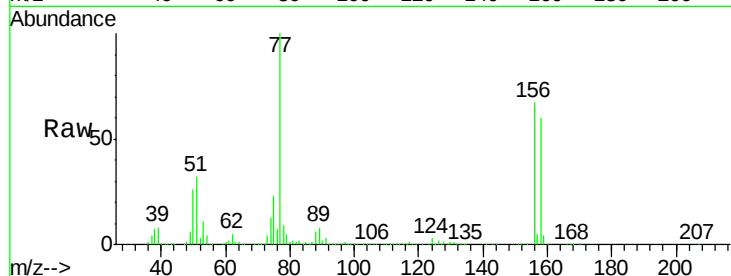
Tot Ion:156 Resp: 214815

Ion Ratio Lower Upper

156 100

77 161.9 79.0 237.2

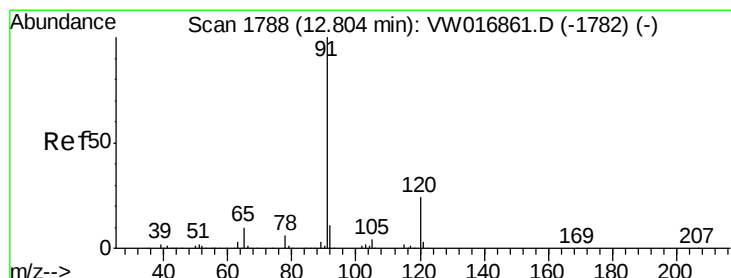
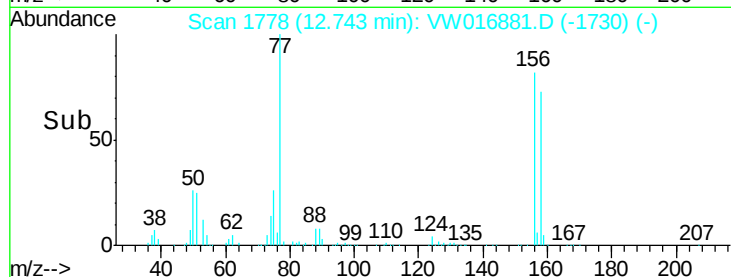
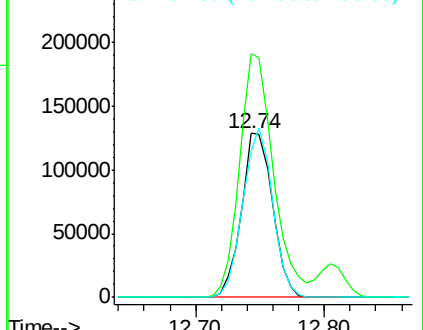
158 98.5 47.0 141.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.471 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016881.D

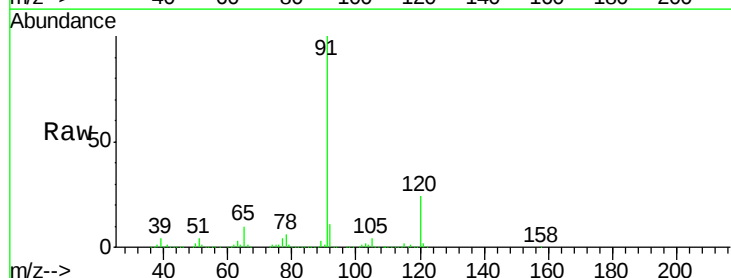
Acq: 12 Oct 2020 14:40

Tgt Ion: 91 Resp: 1037837

Ion Ratio Lower Upper

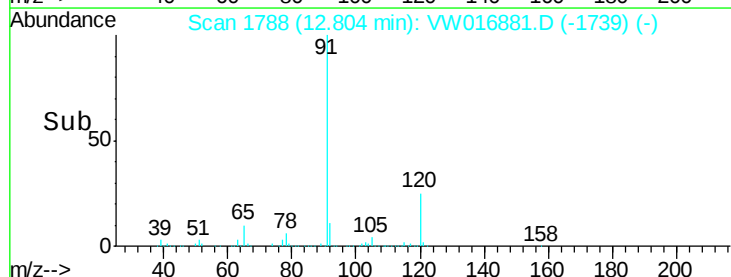
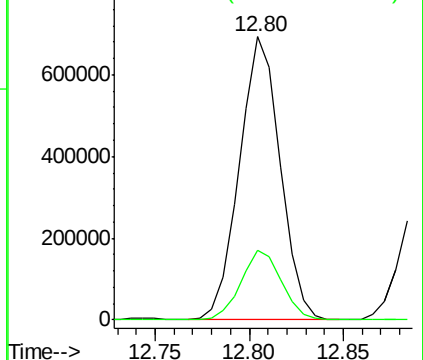
91 100

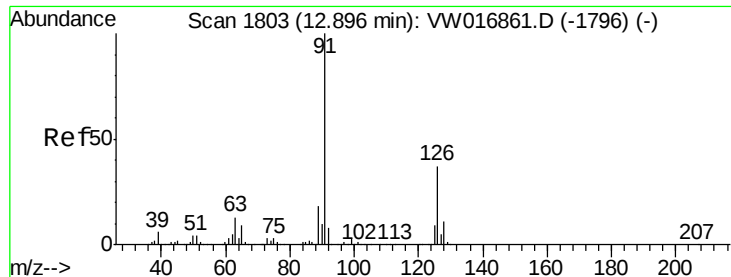
120 24.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.071 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

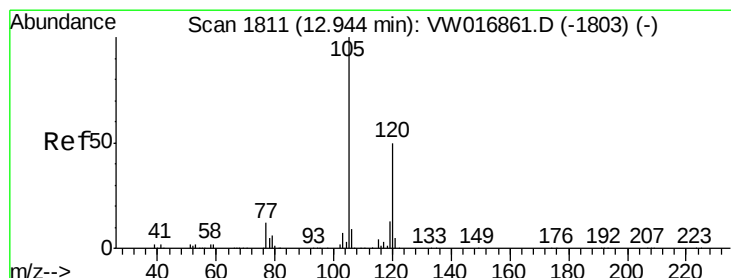
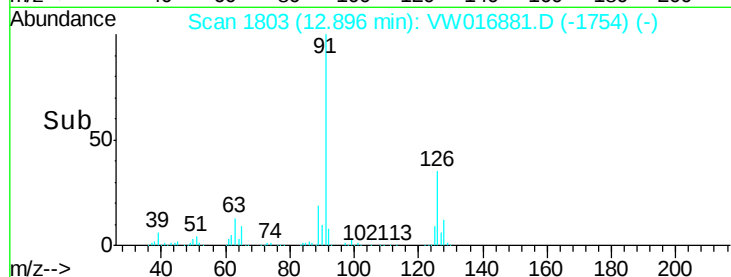
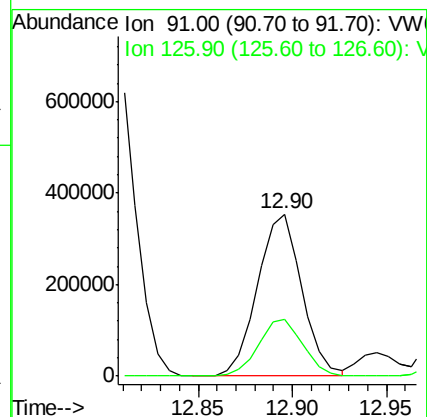
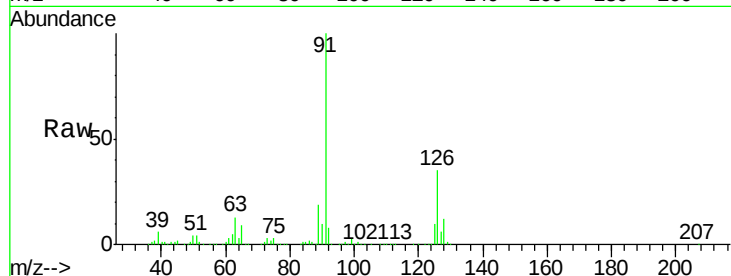
VSTDCCC050

Tot Ion: 91 Resp: 576241

Ion Ratio Lower Upper

91 100

126 35.2 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 52.499 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016881.D

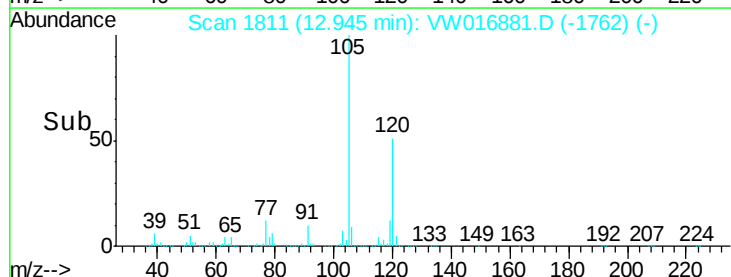
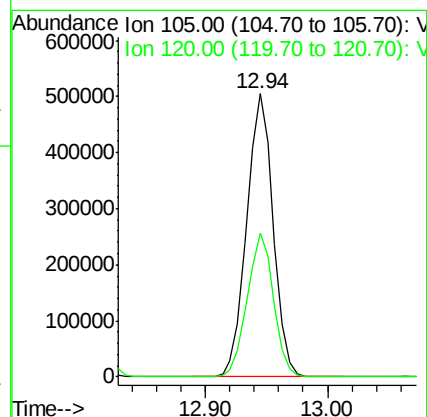
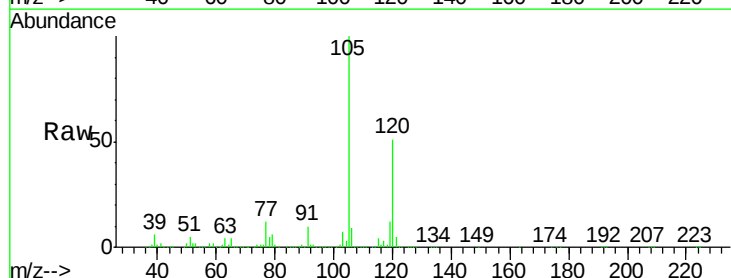
Acq: 12 Oct 2020 14:40

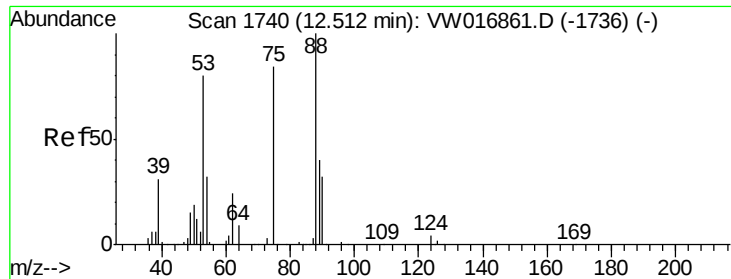
Tgt Ion: 105 Resp: 754595

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8

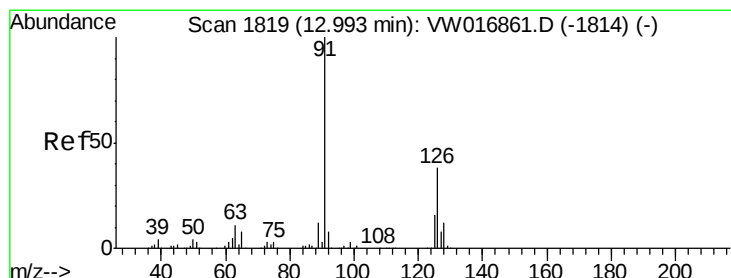
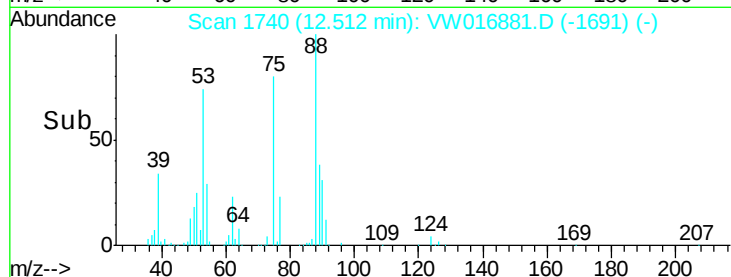
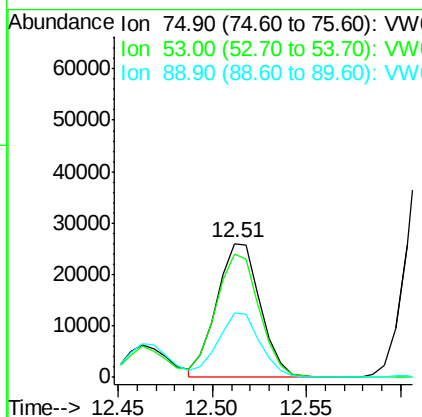
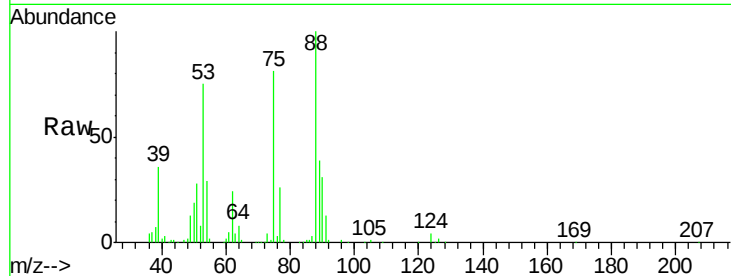




#81
trans-1,4-Dichloro-2-butene
Concen: 57.638 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

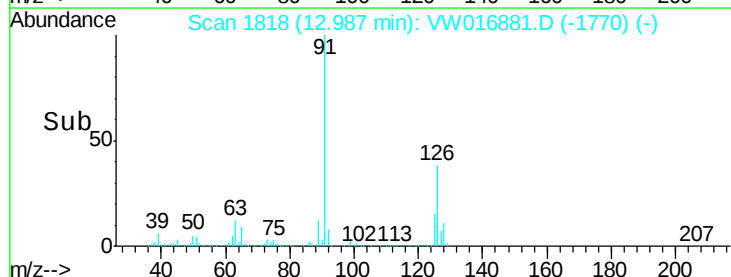
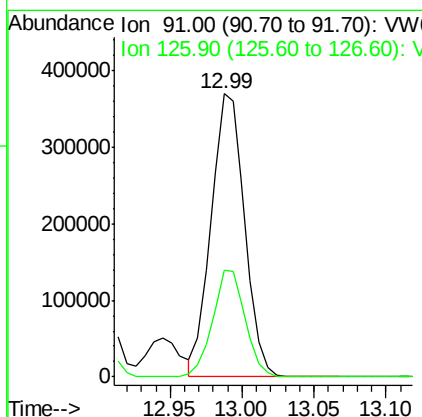
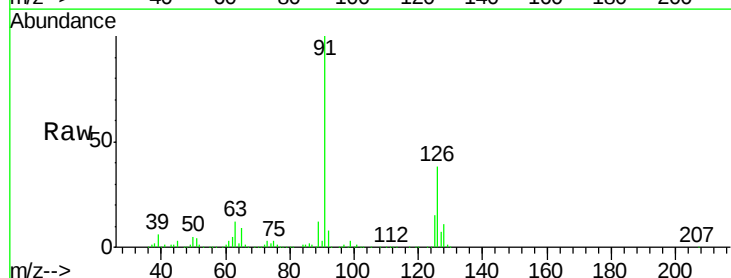
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

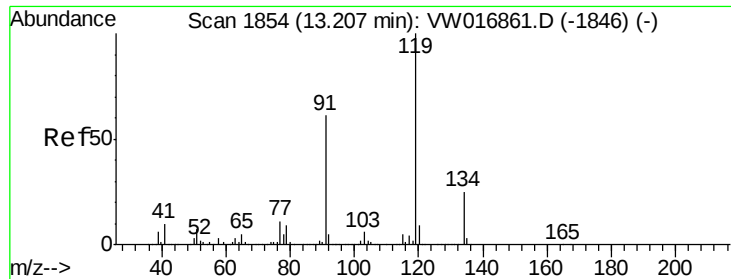
Tot Ion: 75 Resp: 41287
Ion Ratio Lower Upper
75 100
53 93.3 77.0 115.4
89 47.8 38.7 58.1



#82
4-Chlorotoluene
Concen: 51.326 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion: 91 Resp: 597841
Ion Ratio Lower Upper
91 100
126 36.9 18.1 54.3

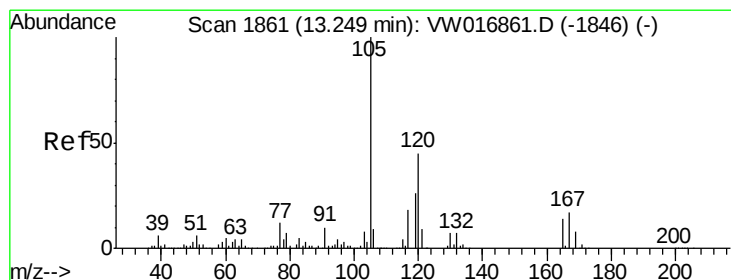
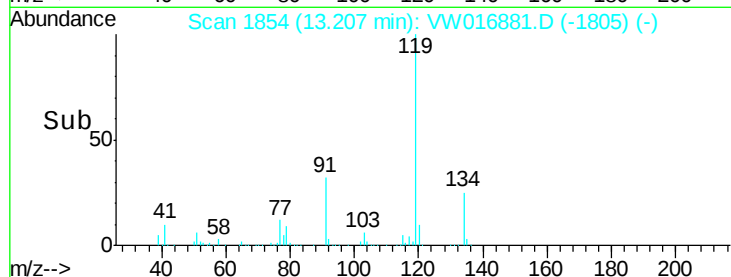
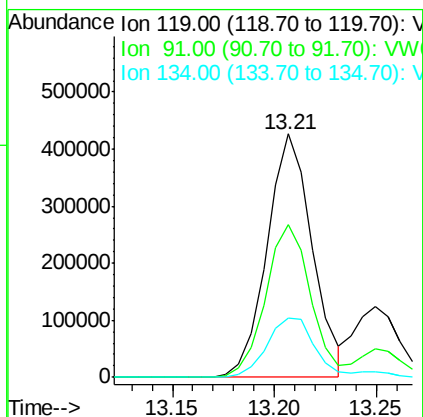
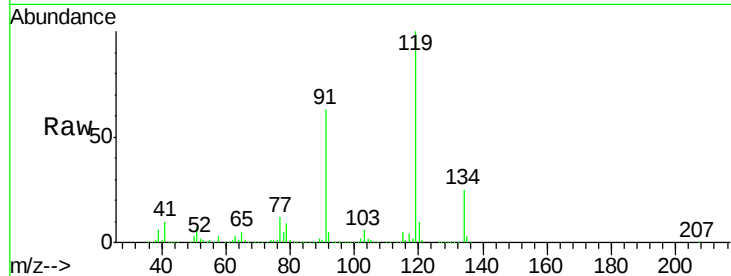




#83
tert-Butylbenzene
Concen: 52.705 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

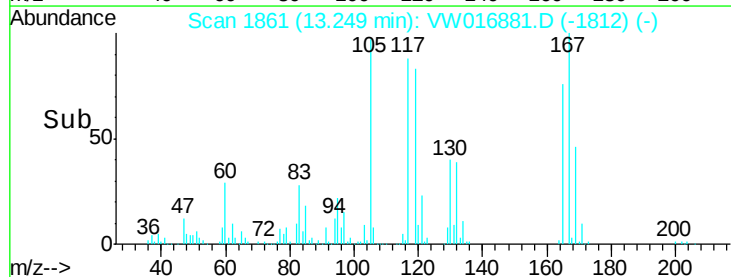
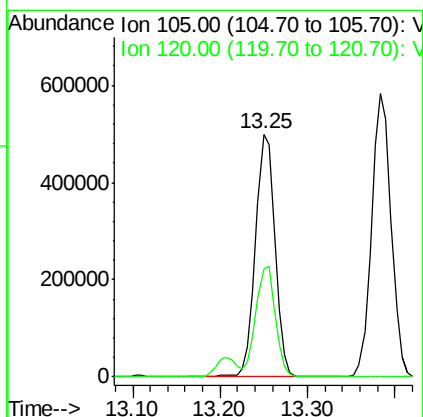
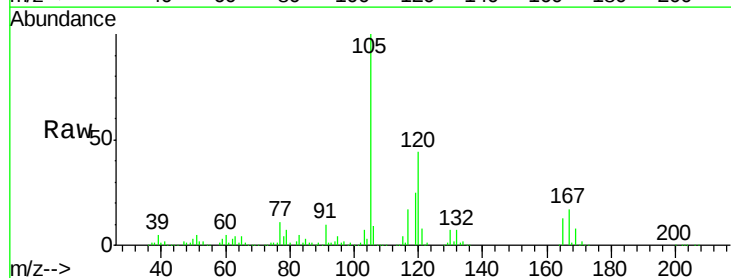
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

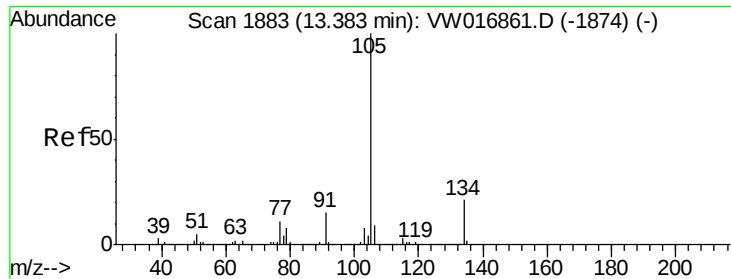
Tot Ion:119 Resp: 657945
Ion Ratio Lower Upper
119 100
91 63.4 31.3 93.9
134 27.8 14.0 42.0



#84
1,2,4-Trimethylbenzene
Concen: 53.958 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion:105 Resp: 772788
Ion Ratio Lower Upper
105 100
120 45.3 23.4 70.0





#85

sec-Butylbenzene

Concen: 52.215 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

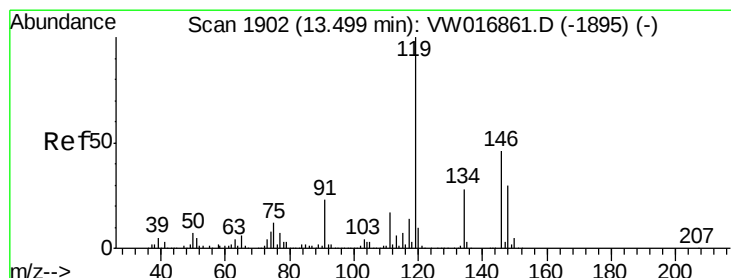
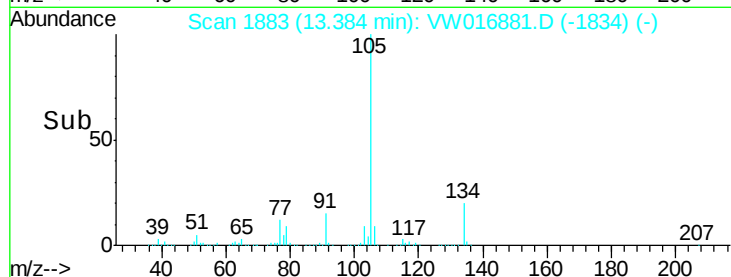
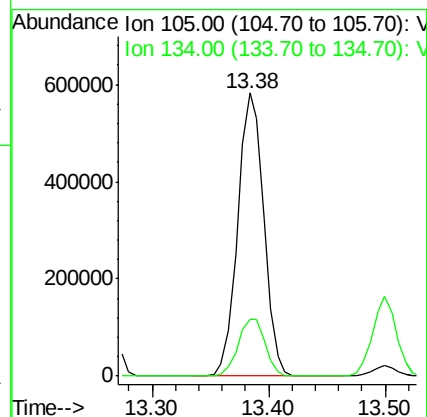
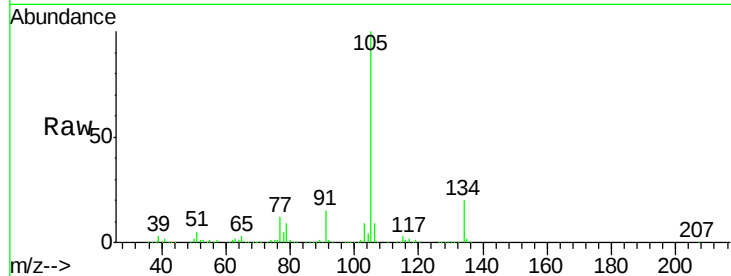
VSTDCCC050

Tot Ion:105 Resp: 907315

Ion Ratio Lower Upper

105 100

134 21.1 10.6 31.8



#86

p-Isopropyltoluene

Concen: 52.689 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

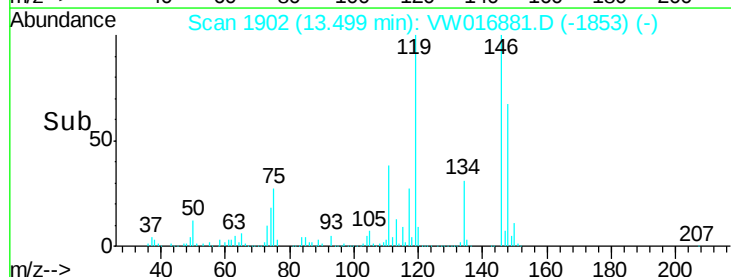
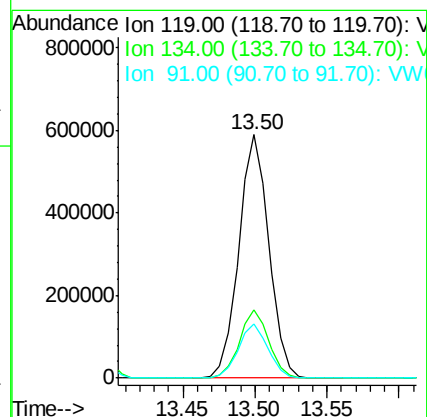
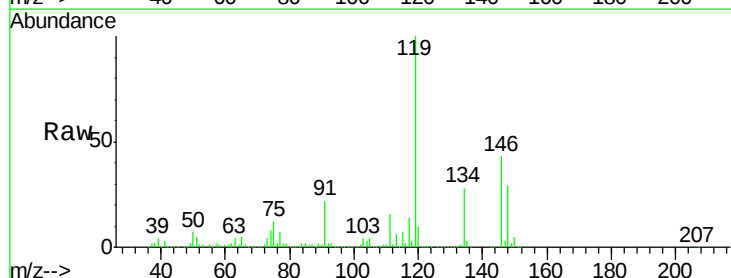
Tgt Ion:119 Resp: 852534

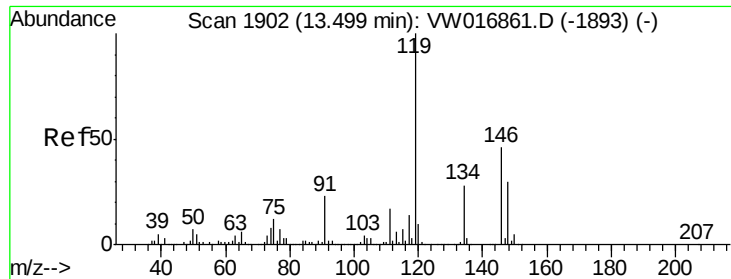
Ion Ratio Lower Upper

119 100

134 27.4 13.8 41.3

91 22.2 11.3 33.9

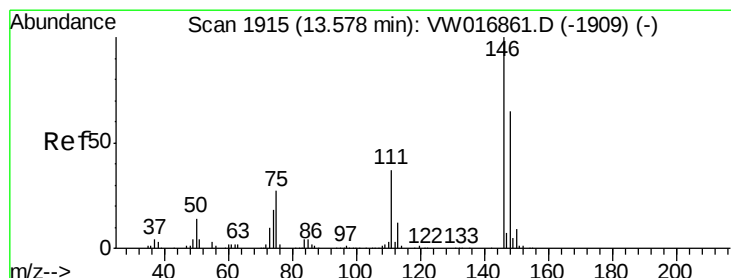
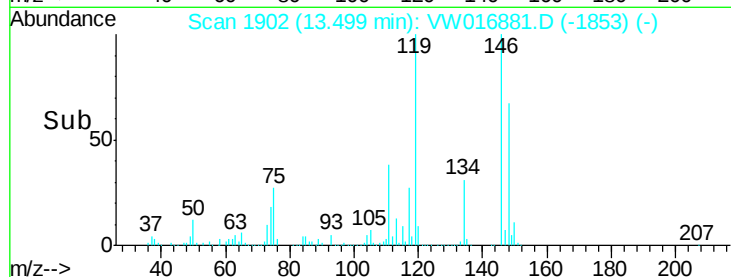
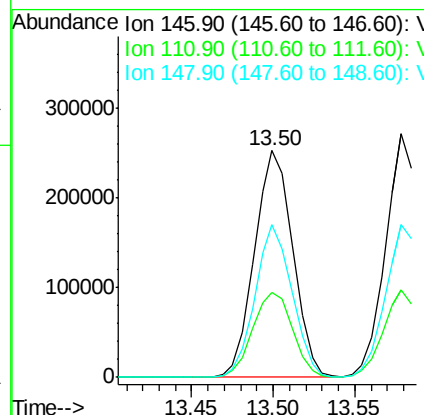
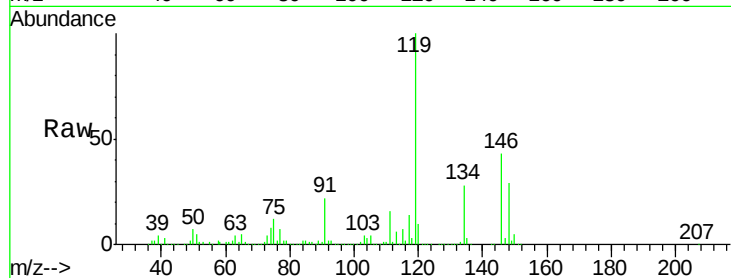




#87
 1,3-Dichlorobenzene
 Concen: 50.226 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

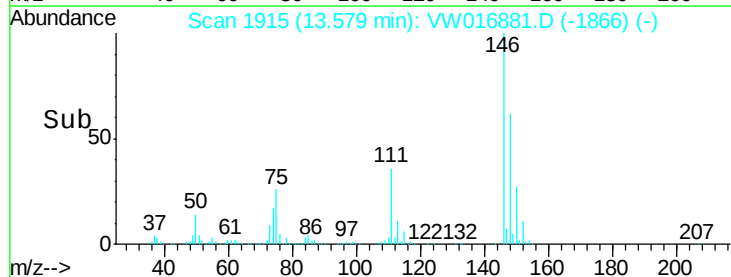
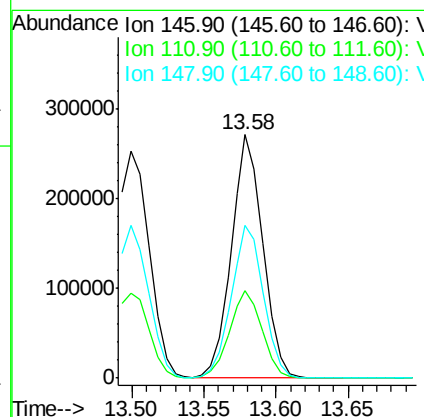
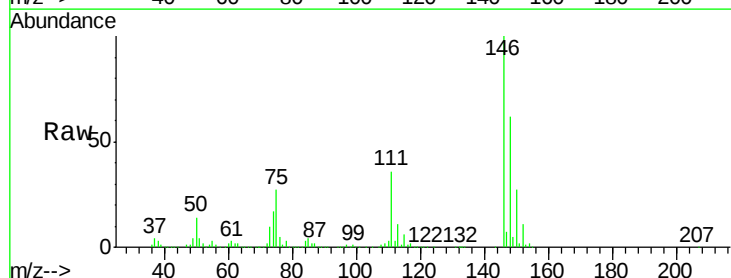
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

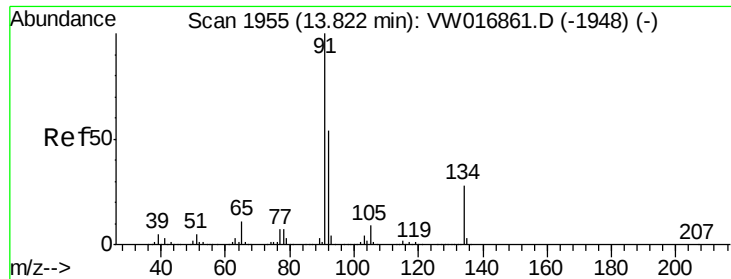
Tot Ion:146 Resp: 411778
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.1 57.5
 148 64.8 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 51.242 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion:146 Resp: 413996
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.5 55.5
 148 63.9 31.8 95.4





#89

n-Butylbenzene

Concen: 53.052 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

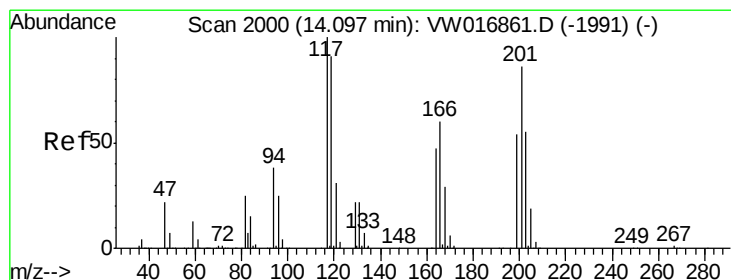
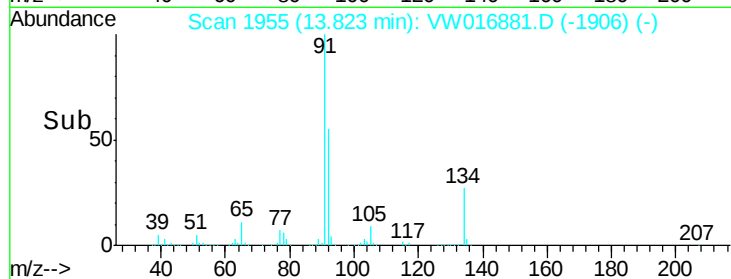
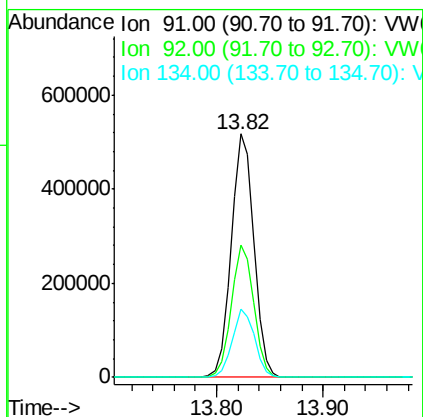
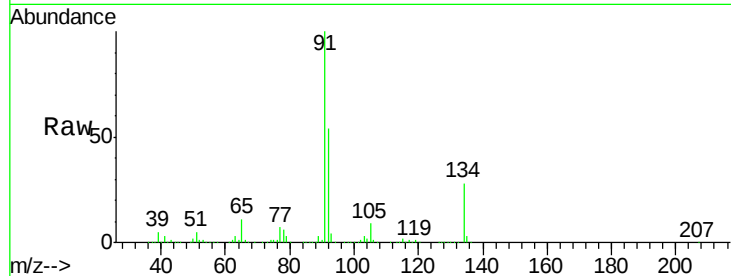
Tot Ion: 91 Resp: 773317

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.7

134 27.6 14.3 42.9



#90

Hexachloroethane

Concen: 54.802 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016881.D

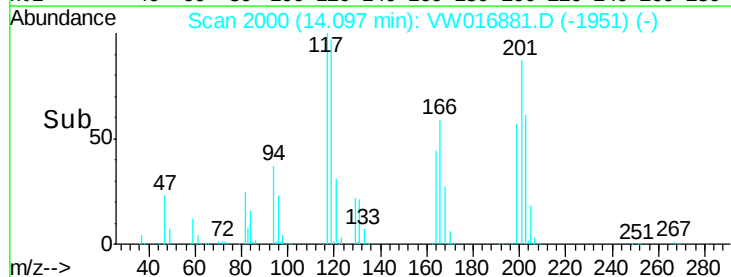
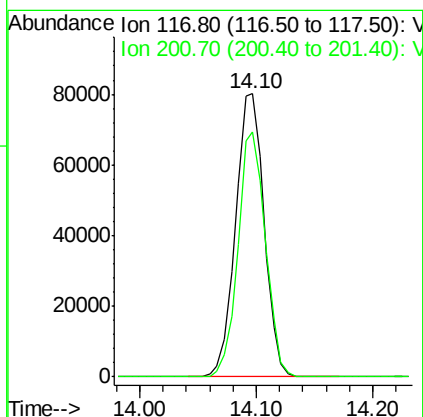
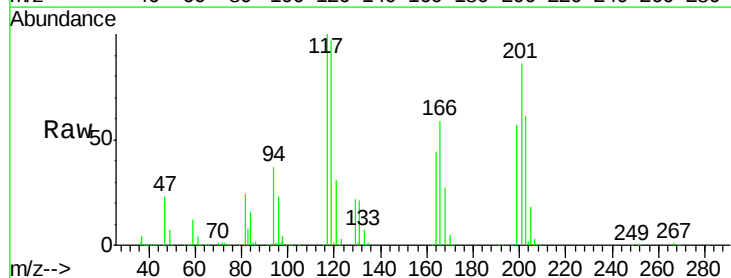
Acq: 12 Oct 2020 14:40

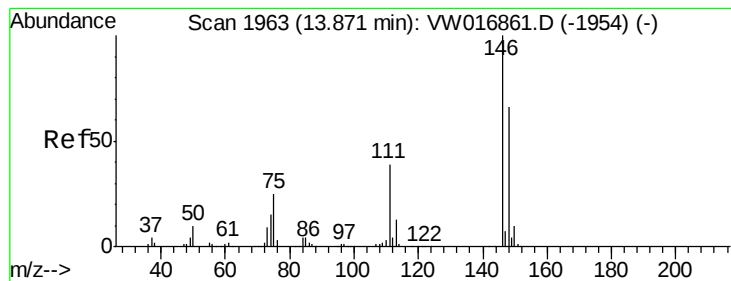
Tgt Ion: 117 Resp: 136822

Ion Ratio Lower Upper

117 100

201 83.2 41.9 125.7





#91

1,2-Dichlorobenzene

Concen: 51.539 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

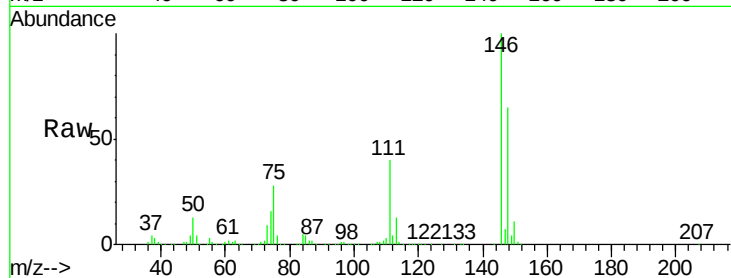
Tot Ion:146 Resp: 364572

Ion Ratio Lower Upper

146 100

111 40.0 20.1 60.3

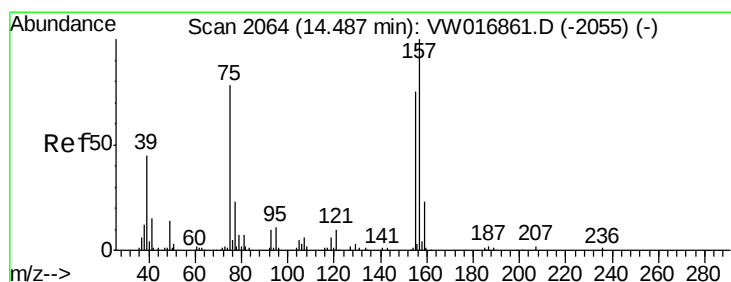
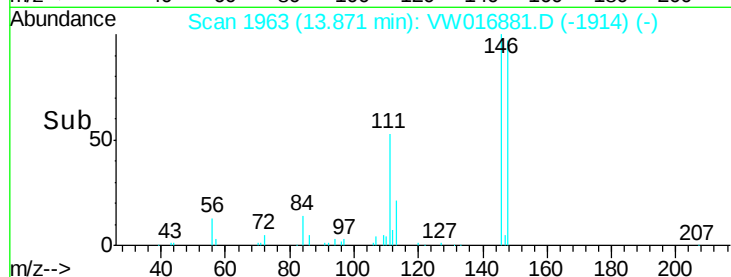
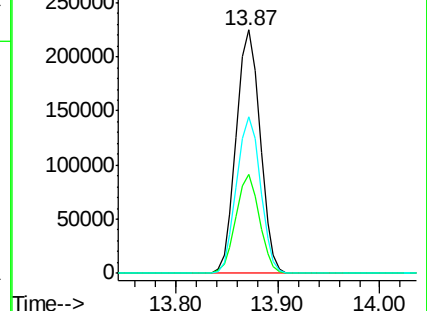
148 64.5 33.1 99.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.174 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016881.D

Acq: 12 Oct 2020 14:40

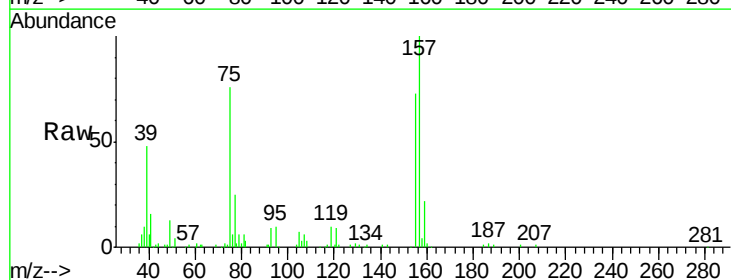
Tgt Ion: 75 Resp: 21913

Ion Ratio Lower Upper

75 100

155 96.7 47.6 142.8

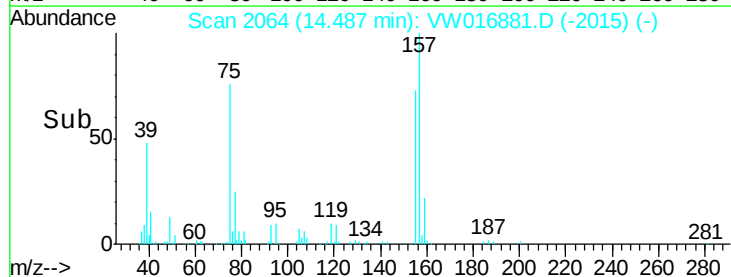
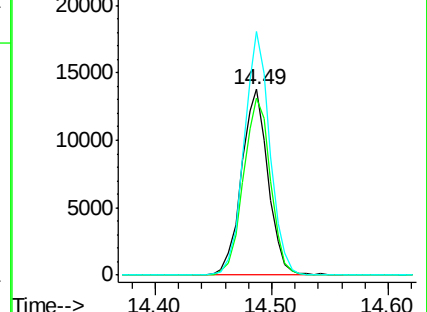
157 126.9 62.2 186.6

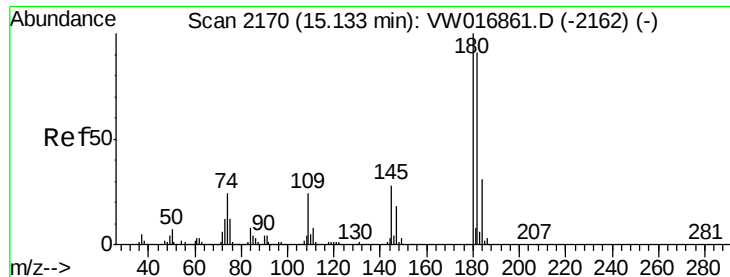


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

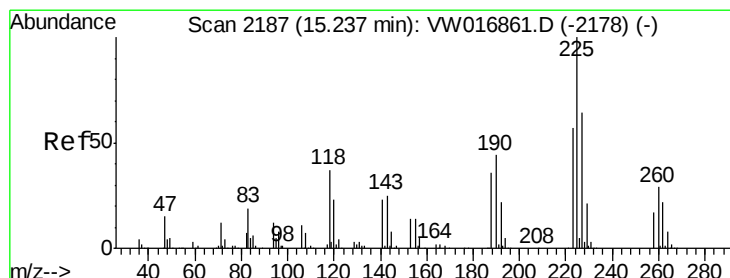
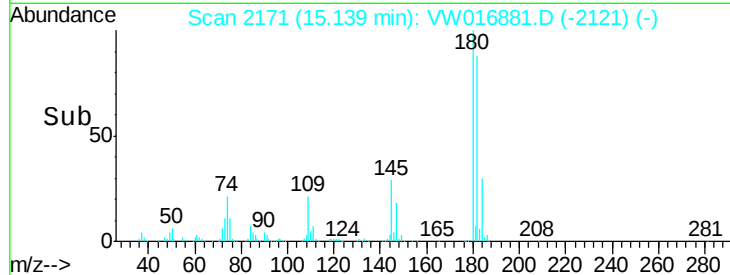
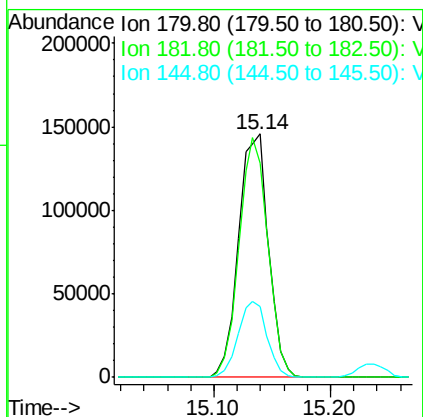
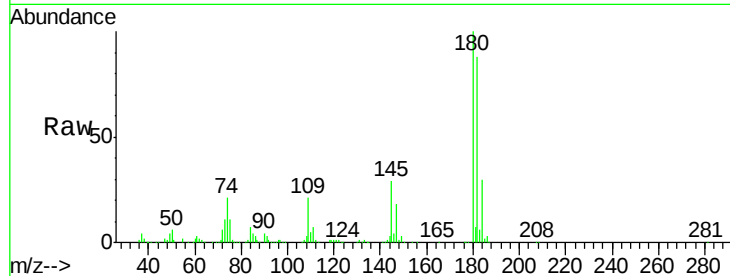




#93
 1,2,4-Trichlorobenzene
 Concen: 53.459 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

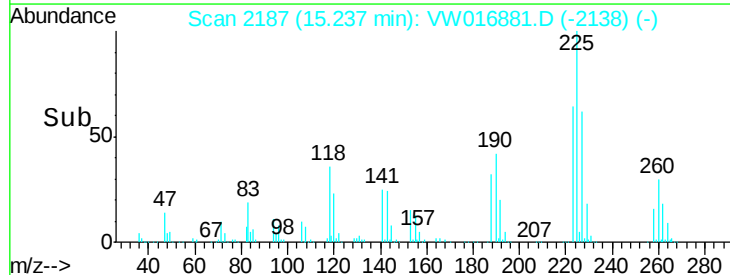
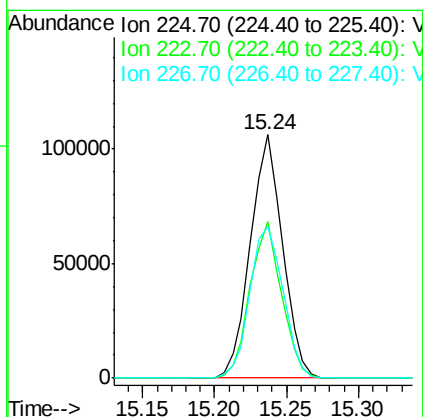
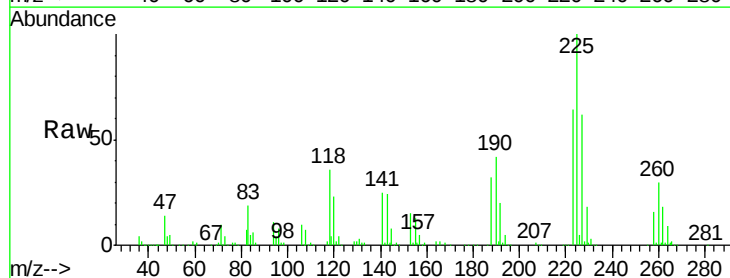
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

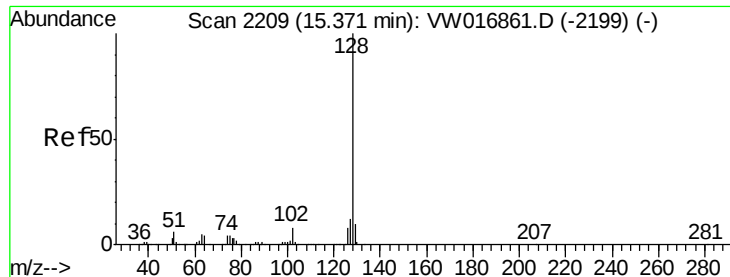
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.3	144.9
145	30.3	14.9	44.5



#94
 Hexachlorobutadiene
 Concen: 51.891 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016881.D
 Acq: 12 Oct 2020 14:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	31.9	95.7
227	64.6	33.0	99.0

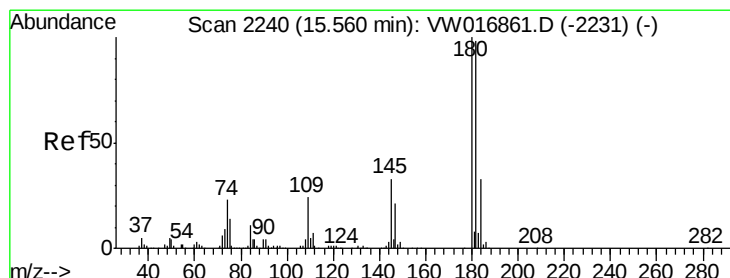
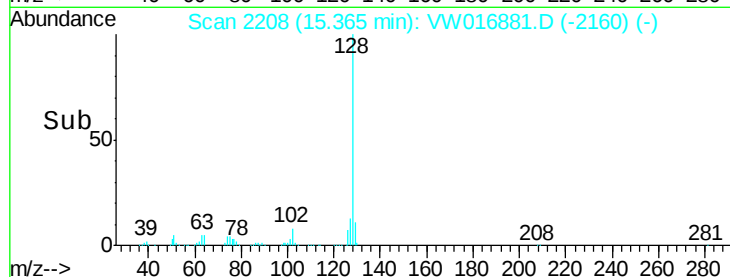
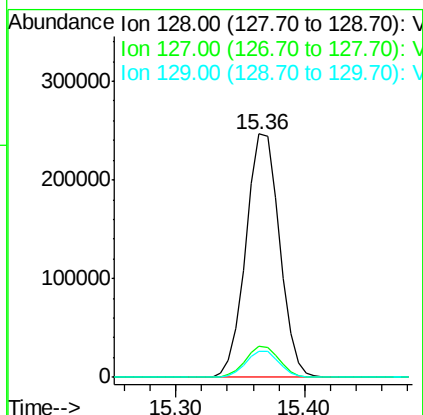
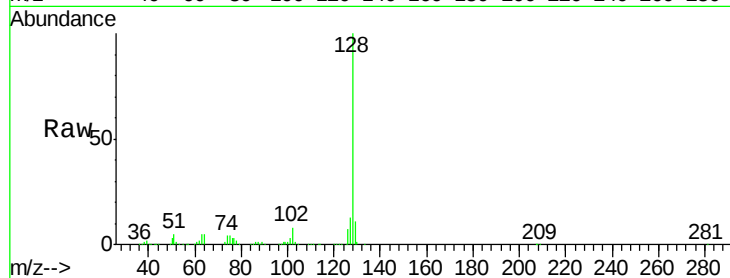




#95
Naphthalene
Concen: 56.036 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 444503
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 55.302 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016881.D
Acq: 12 Oct 2020 14:40

Tgt Ion:180 Resp: 234814
Ion Ratio Lower Upper
180 100
182 89.9 49.4 148.2
145 30.4 16.3 48.9

