

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016871.D
 Acq On : 09 Oct 2020 20:05
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 10 05:18:23 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	377345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	537181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	242138	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	160208	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
35) Dibromofluoromethane	7.89	113	173361	52.65	ug/l	0.00
Spiked Amount			Recovery	=	105.30%	
50) Toluene-d8	10.33	98	657501	53.26	ug/l	0.00
Spiked Amount			Recovery	=	106.52%	
62) 4-Bromofluorobenzene	12.62	95	226415	53.18	ug/l	0.00
Spiked Amount			Recovery	=	106.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	91153	49.328	ug/l	97
3) Chloromethane	2.22	50	104815	46.447	ug/l	98
4) Vinyl Chloride	2.37	62	153064	46.904	ug/l	100
5) Bromomethane	2.78	94	118572	47.310	ug/l	100
6) Chloroethane	2.93	64	101257	48.757	ug/l	98
7) Trichlorofluoromethane	3.27	101	118929	50.057	ug/l	93
8) Diethyl Ether	3.68	74	72368	48.767	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	149262	46.657	ug/l	99
10) Methyl Iodide	4.28	142	251533	49.181	ug/l	100
11) Tert butyl alcohol	5.17	59	39826	265.505	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	152321	48.237	ug/l	96
13) Acrolein	3.90	56	55002	271.226	ug/l	99
14) Allyl chloride	4.68	41	186019	49.212	ug/l	99
15) Acrylonitrile	5.37	53	129371	261.905	ug/l	99
16) Acetone	4.12	43	119822	241.036	ug/l	98
17) Carbon Disulfide	4.39	76	406570	48.393	ug/l	100
18) Methyl Acetate	4.67	43	62174	54.530	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	180121	52.924	ug/l	100
20) Methylene Chloride	4.92	84	165624	50.470	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	171081	48.260	ug/l	98
22) Diisopropyl ether	6.31	45	339804	49.463	ug/l	97
23) Vinyl Acetate	6.26	43	1108471	251.810	ug/l	97
24) 1,1-Dichloroethane	6.22	63	265056	48.657	ug/l	98
25) 2-Butanone	7.17	43	173053	261.122	ug/l	99
26) 2,2-Dichloropropane	7.17	77	159068	47.727	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	185763	48.926	ug/l	99
28) Bromochloromethane	7.52	49	117279	53.792	ug/l	100
29) Tetrahydrofuran	7.53	42	99777	268.787	ug/l	99
30) Chloroform	7.68	83	287577	48.560	ug/l	98
31) Cyclohexane	7.96	56	210582	45.321	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	247076	49.463	ug/l	99
36) 1,1-Dichloropropene	8.09	75	227733	49.044	ug/l	100
37) Ethyl Acetate	7.26	43	78921	52.016	ug/l	98
38) Carbon Tetrachloride	8.07	117	240781	49.867	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	259160	48.937	ug/l	94
40) Benzene	8.33	78	632475	48.880	ug/l	98
41) Methacrylonitrile	7.48	41	46717	51.961	ug/l	95
42) 1,2-Dichloroethane	8.40	62	174409	49.277	ug/l	100
43) Isopropyl Acetate	8.43	43	151838	52.240	ug/l	100
44) Trichloroethene	9.10	130	195392	48.788	ug/l	97
45) 1,2-Dichloropropane	9.37	63	142471	48.283	ug/l	99
46) Dibromomethane	9.46	93	84705	50.188	ug/l	98
47) Bromodichloromethane	9.65	83	207512	49.449	ug/l	99
48) Methyl methacrylate	9.44	41	71449	53.344	ug/l	99
49) 1,4-Dioxane	9.45	88	21087	1086.210	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	380192	258.560	ug/l	99
52) Toluene	10.39	92	423069	49.462	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	193762	50.718	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	237739	50.948	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	119910	49.914	ug/l	99
56) Ethyl methacrylate	10.65	69	138252	52.901	ug/l	99
57) 1,3-Dichloropropane	10.93	76	197282	49.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	387310	267.441	ug/l	100
59) 2-Hexanone	10.97	43	258157	265.351	ug/l	99
60) Dibromochloromethane	11.13	129	149209	50.638	ug/l	100
61) 1,2-Dibromoethane	11.24	107	119756	50.337	ug/l	100
64) Tetrachloroethene	10.87	164	170802	50.221	ug/l	96
65) Chlorobenzene	11.66	112	463253	49.477	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	166064	50.152	ug/l	99
67) Ethyl Benzene	11.73	91	828872	50.802	ug/l	100
68) m/p-Xylenes	11.84	106	640323	100.908	ug/l	98
69) o-Xylene	12.17	106	296215	50.868	ug/l	100
70) Styrene	12.18	104	493502	50.920	ug/l	99
71) Bromoform	12.35	173	87200	52.456	ug/l	98
73) Isopropylbenzene	12.47	105	837268	52.023	ug/l	100
74) N-amyl acetate	12.27	43	136437	52.778	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	130039	51.497	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	162213	89.782	ug/l	26
77) Bromobenzene	12.75	156	204081	51.298	ug/l	98
78) n-propylbenzene	12.80	91	953625	51.379	ug/l	99
79) 2-Chlorotoluene	12.90	91	526887	49.763	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	697635	51.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	36657	54.535	ug/l	99
82) 4-Chlorotoluene	12.99	91	552629	50.560	ug/l	100
83) tert-Butylbenzene	13.21	119	606745	51.795	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	685028	50.971	ug/l	100
85) sec-Butylbenzene	13.38	105	828324	50.800	ug/l	100
86) p-Isopropyltoluene	13.50	119	780862	51.429	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	389159	50.584	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	380247	50.156	ug/l	99
89) n-Butylbenzene	13.82	91	684843	50.068	ug/l	98
90) Hexachloroethane	14.10	117	121947	52.051	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	330122	49.733	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20819	53.837	ug/l	97

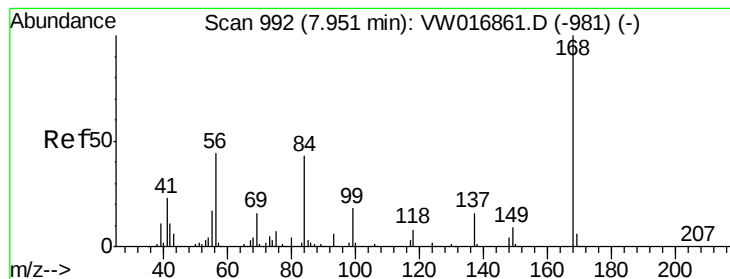
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW101020\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	245339	53.567	ug/l	95
94) Hexachlorobutadiene	15.24	225	151511	51.031	ug/l	97
95) Naphthalene	15.37	128	416370	55.937	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	206905	51.929	ug/l	98

(#) = 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: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

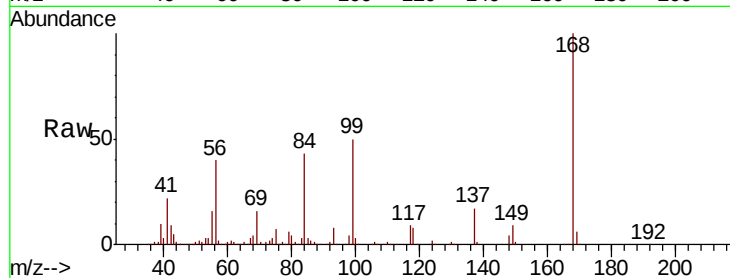
VSTDCCC050EC

Tot Ion:168 Resp: 377345

Ion Ratio Lower Upper

168 100

99 49.6 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

150000

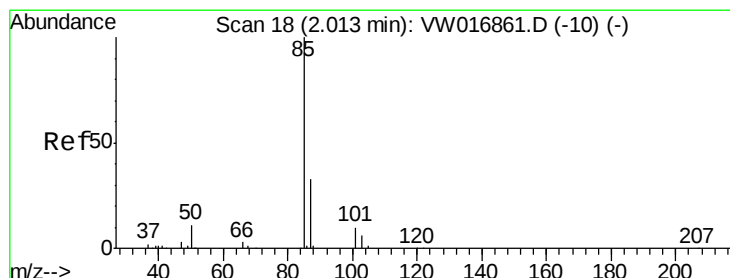
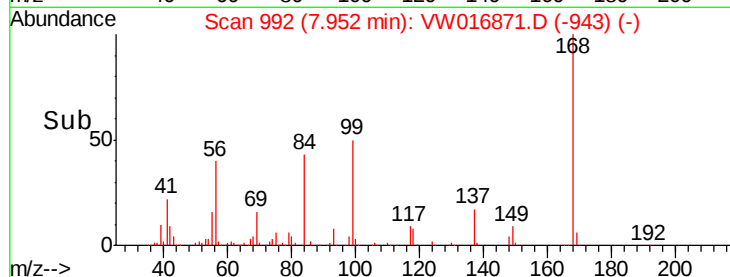
100000

50000

0

Time-->

7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 49.328 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW016871.D

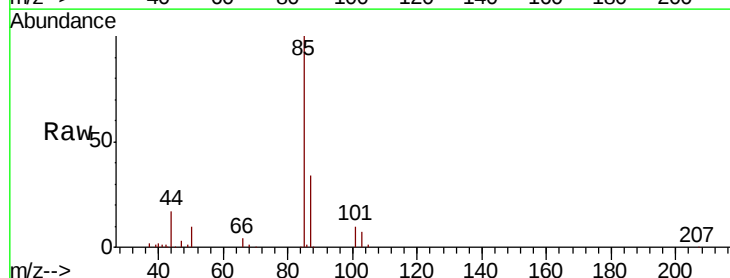
Acq: 09 Oct 2020 20:05

Tgt Ion: 85 Resp: 91153

Ion Ratio Lower Upper

85 100

87 34.4 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

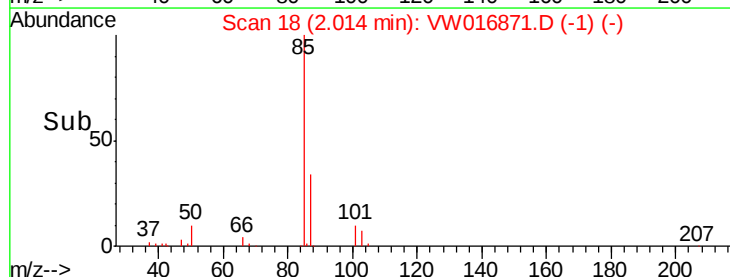
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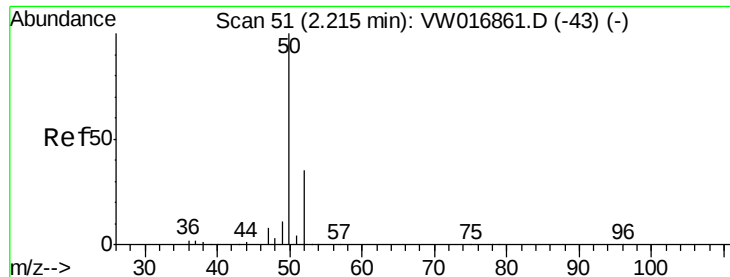
10000

0

Time-->

2.00 2.20 2.40





#3

Chloromethane

Concen: 46.447 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

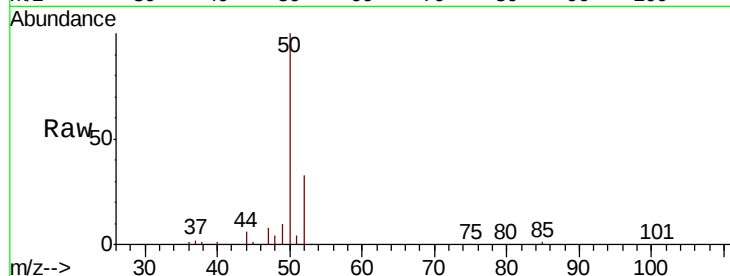
VSTDCCC050EC

Tot Ion: 50 Resp: 104815

Ion Ratio Lower Upper

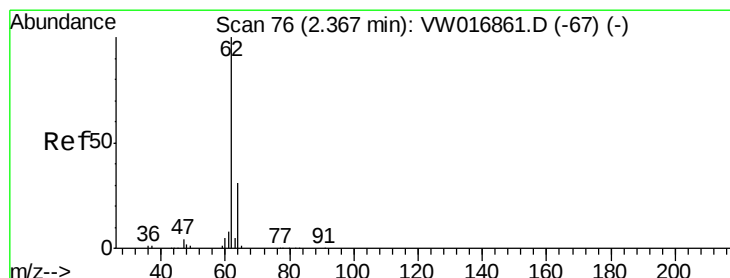
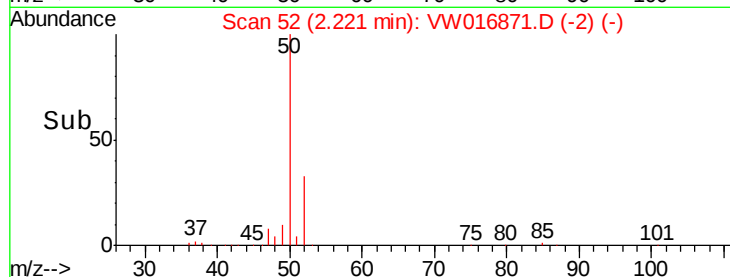
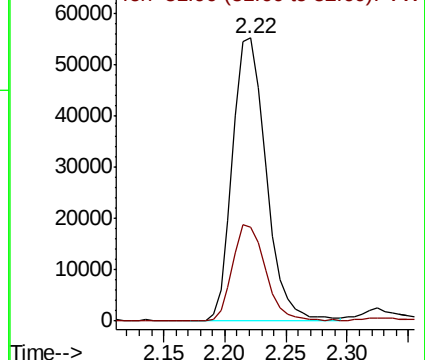
50 100

52 33.4 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: 46.904 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016871.D

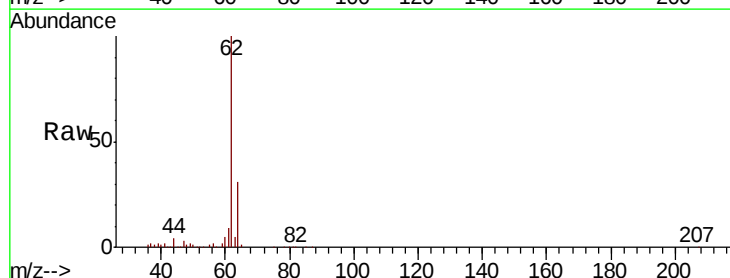
Acq: 09 Oct 2020 20:05

Tgt Ion: 62 Resp: 153064

Ion Ratio Lower Upper

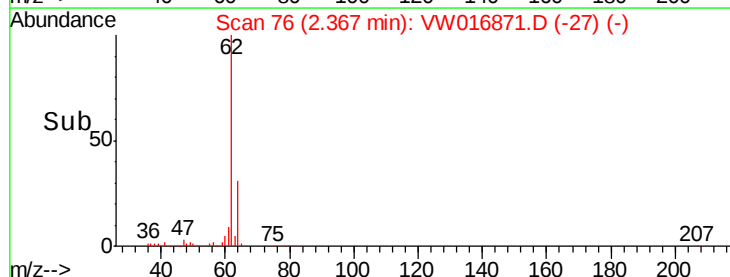
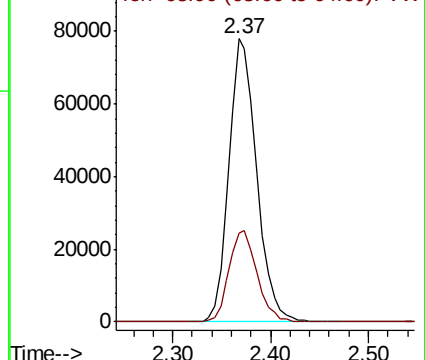
62 100

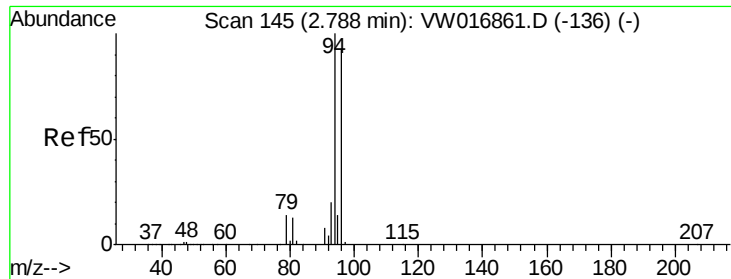
64 31.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 47.310 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

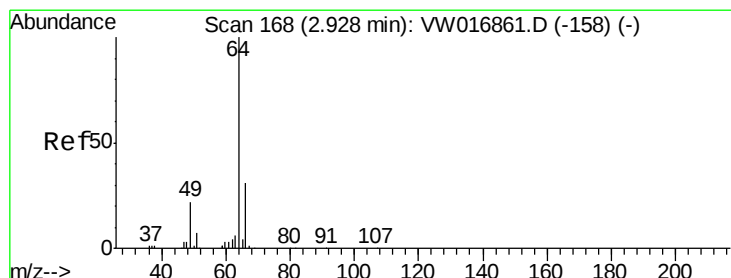
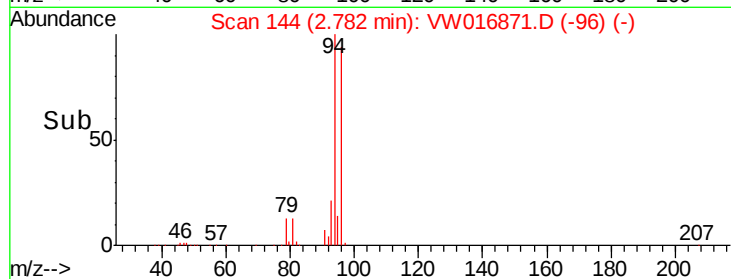
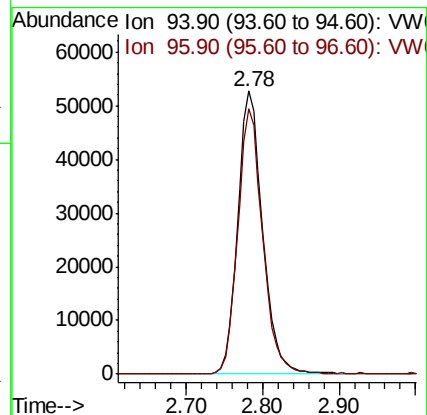
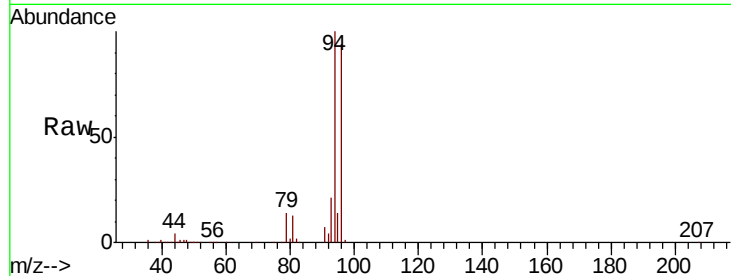
VSTDCCC050EC

Tot Ion: 94 Resp: 118572

Ion Ratio Lower Upper

94 100

96 93.8 74.7 112.1



#6

Chloroethane

Concen: 48.757 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016871.D

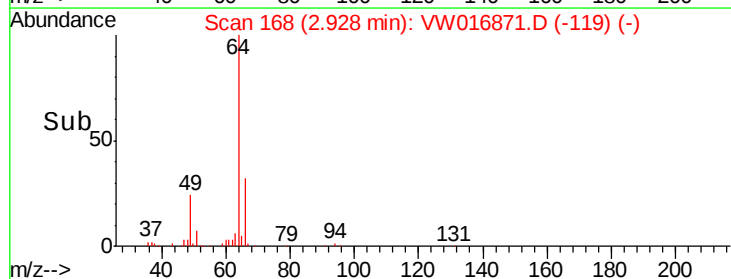
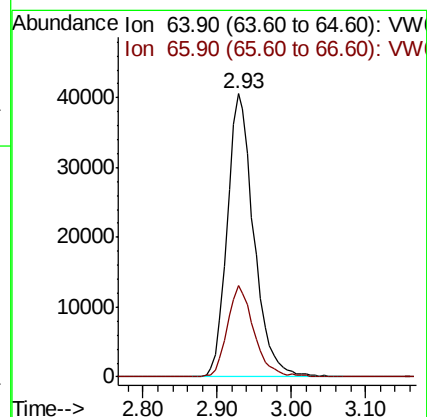
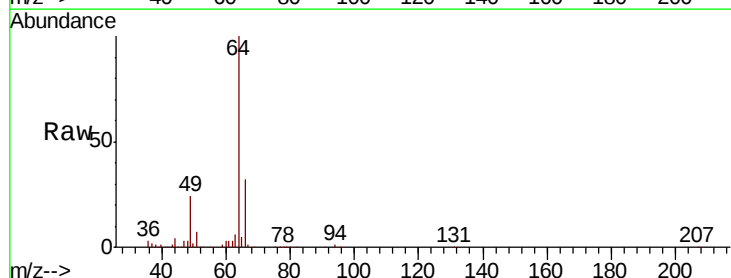
Acq: 09 Oct 2020 20:05

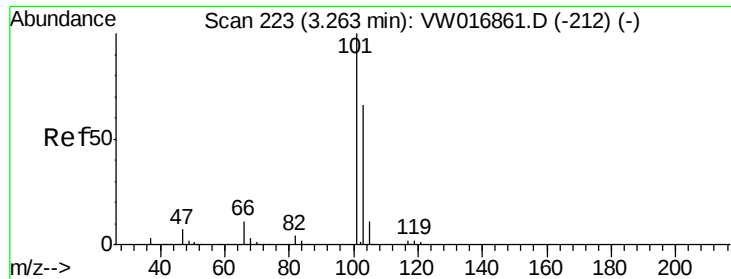
Tgt Ion: 64 Resp: 101257

Ion Ratio Lower Upper

64 100

66 32.2 25.0 37.6



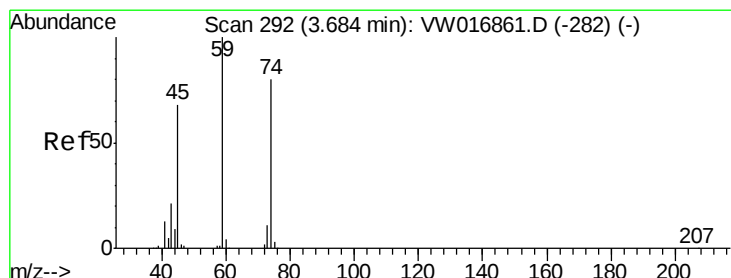
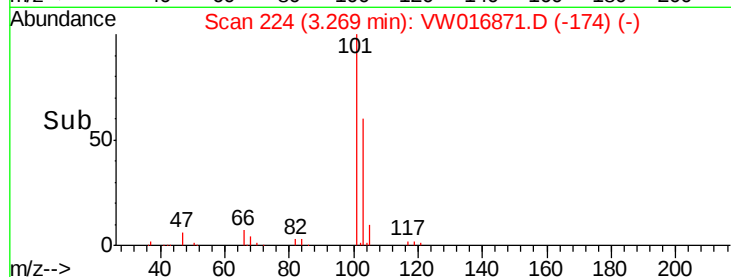
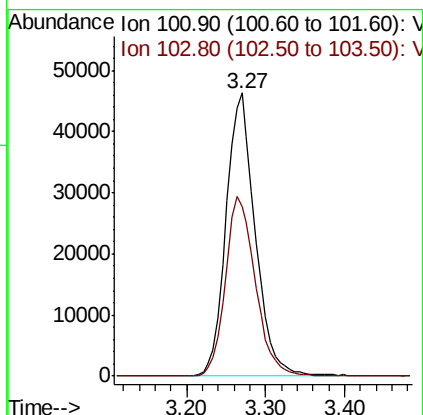
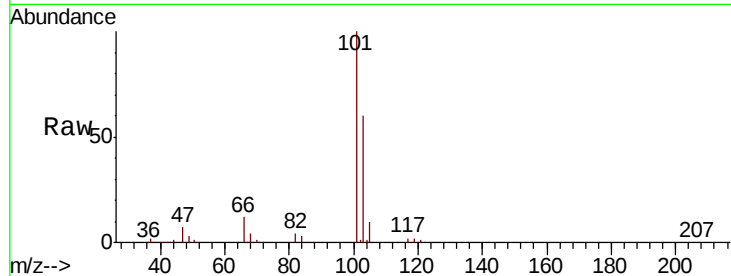


#7

Trichlorofluoromethane
 Concen: 50.057 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

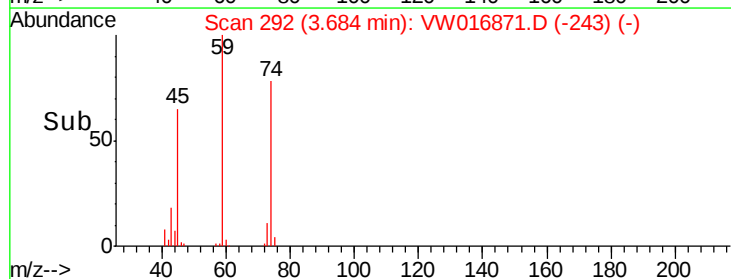
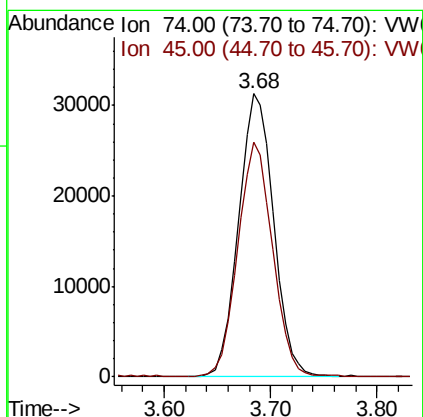
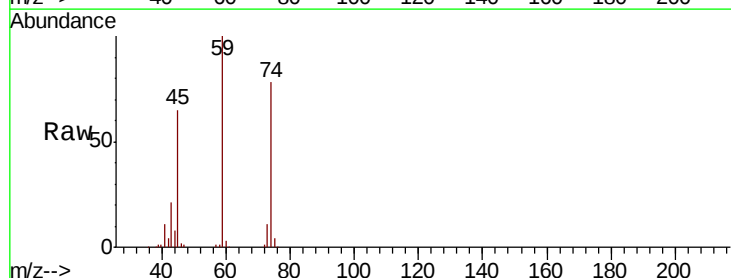
Tot Ion:101 Resp: 118929
 Ion Ratio Lower Upper
 101 100
 103 60.0 52.6 79.0

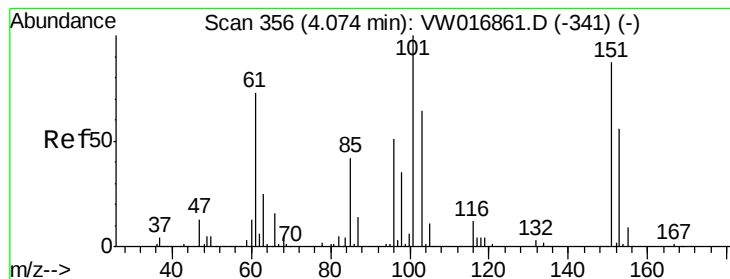


#8

Diethyl Ether
 Concen: 48.767 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 74 Resp: 72368
 Ion Ratio Lower Upper
 74 100
 45 82.6 41.1 123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.657 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

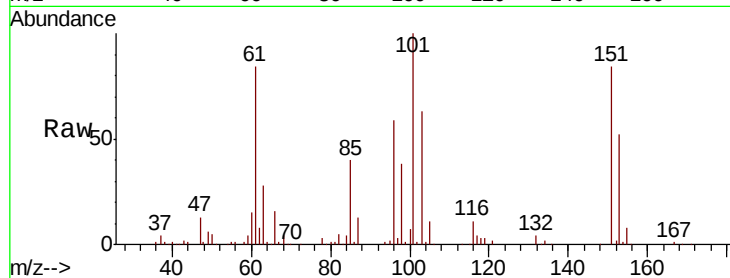
Tot Ion:101 Resp: 149262

Ion Ratio Lower Upper

101 100

85 41.5 33.2 49.8

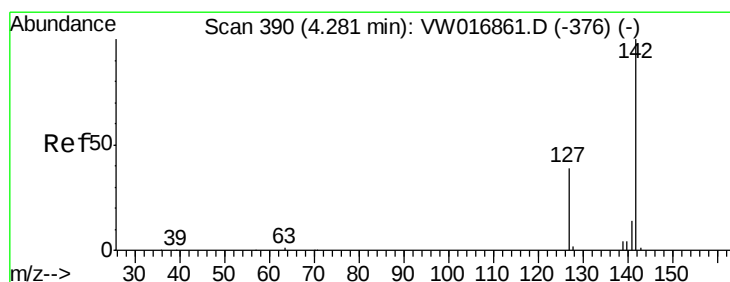
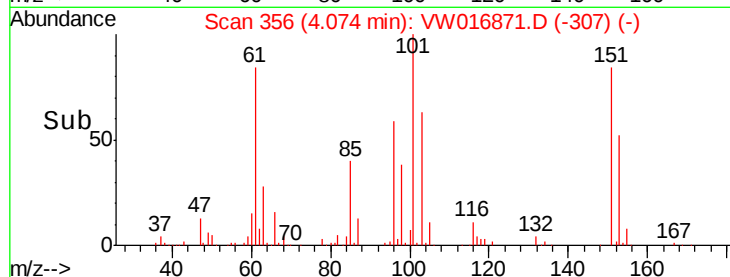
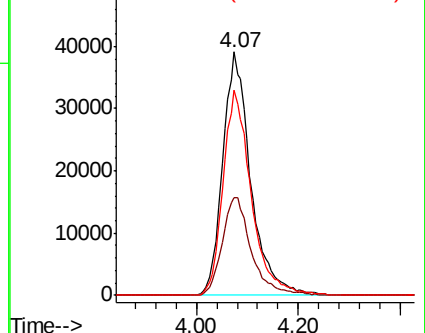
151 84.8 66.6 100.0



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: 49.181 ug/l

RT: 4.28 min Scan# 389

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

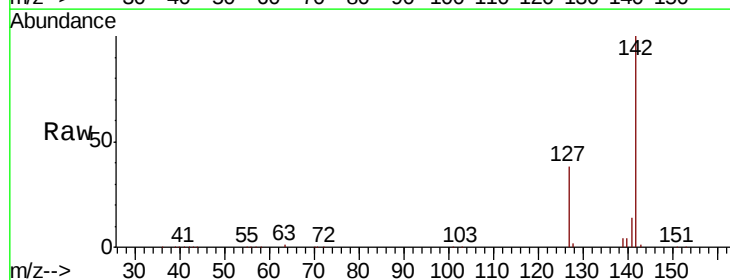
Tgt Ion:142 Resp: 251533

Ion Ratio Lower Upper

142 100

127 40.5 32.4 48.6

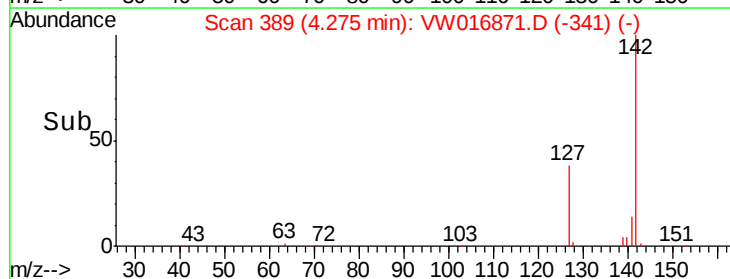
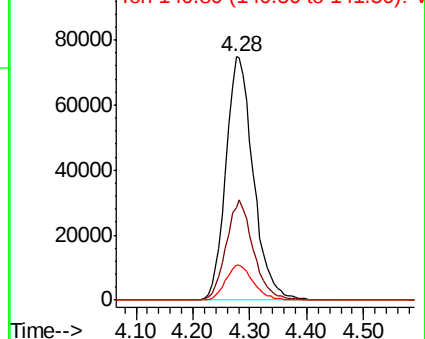
141 14.5 11.4 17.0

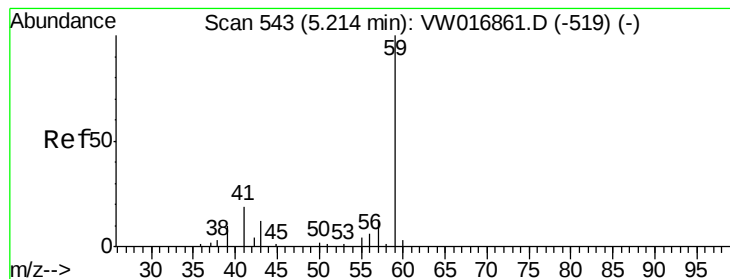


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



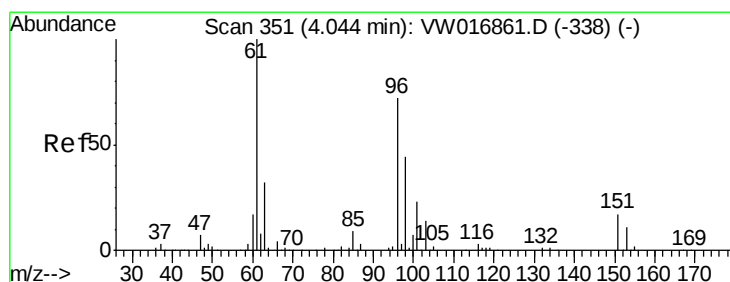
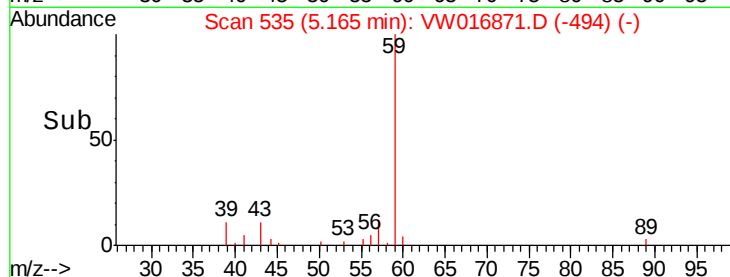
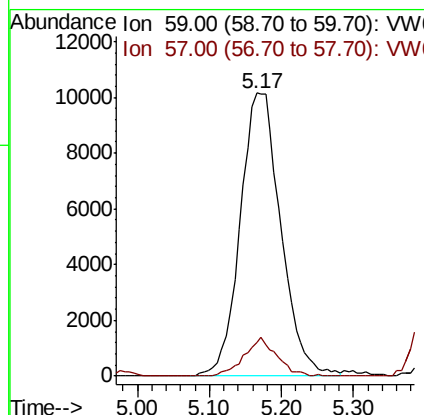
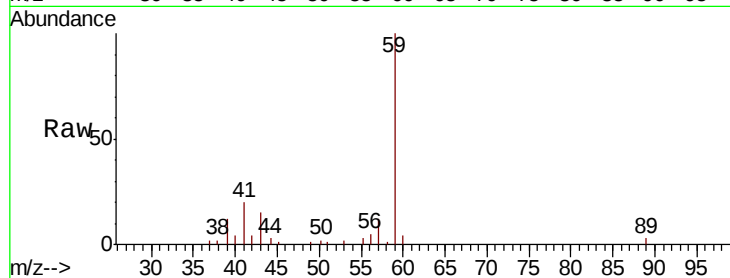


#11

Tert butyl alcohol
 Concen: 265.505 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.05 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

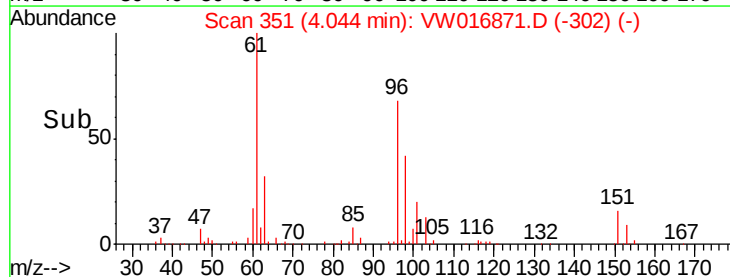
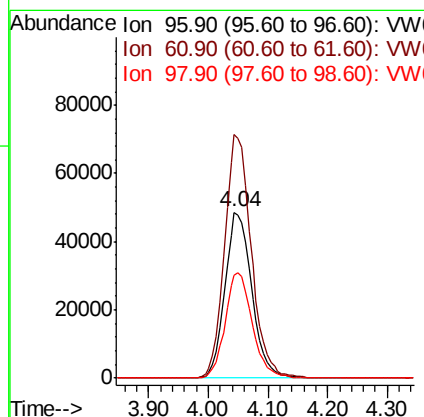
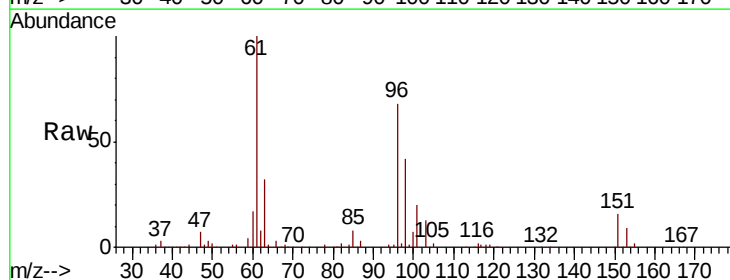
Tot Ion: 59 Resp: 39826
 Ion Ratio Lower Upper
 59 100
 57 10.8 4.7 7.1#

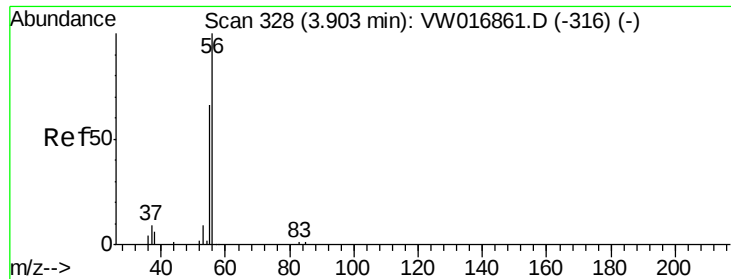


#12

1,1-Dichloroethene
 Concen: 48.237 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 96 Resp: 152321
 Ion Ratio Lower Upper
 96 100
 61 146.7 111.7 167.5
 98 61.8 49.0 73.4





#13

Acrolein

Concen: 271.226 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

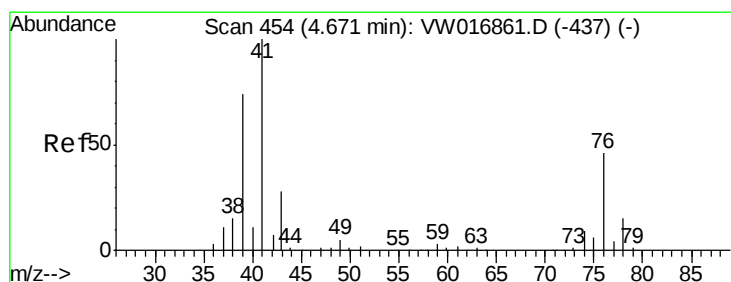
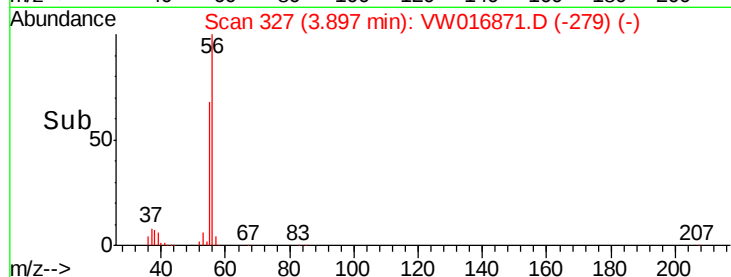
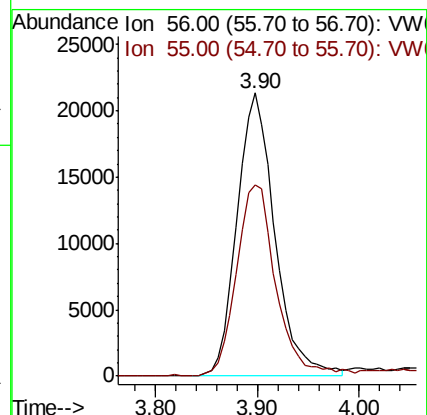
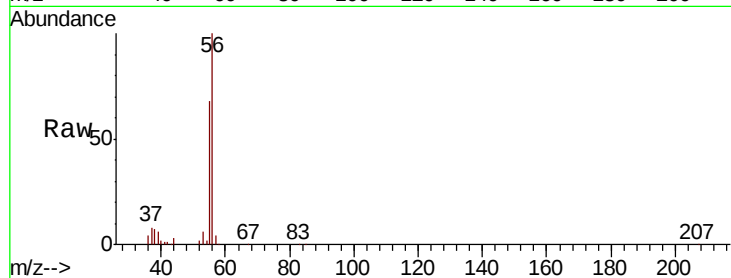
VSTDCCC050EC

Tot Ion: 56 Resp: 55002

Ion Ratio Lower Upper

56 100

55 70.8 55.9 83.9



#14

Allyl chloride

Concen: 49.212 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

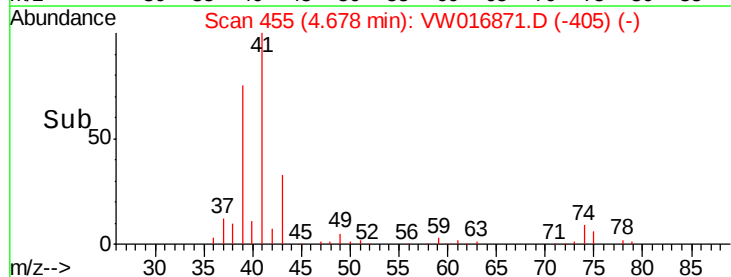
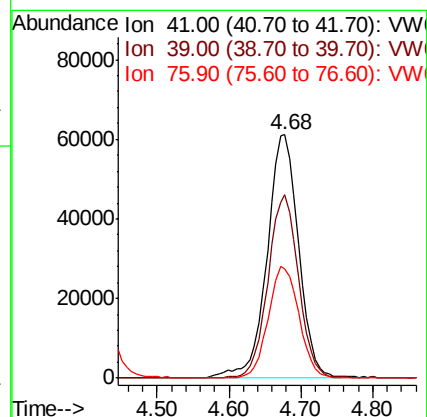
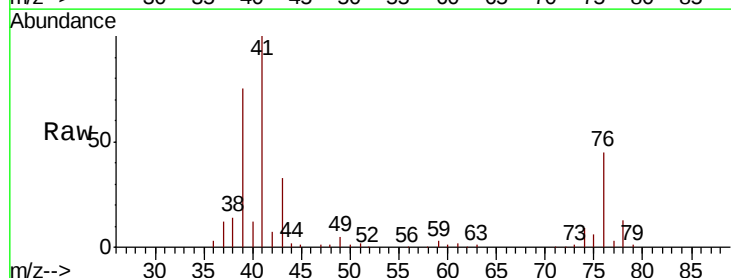
Tgt Ion: 41 Resp: 186019

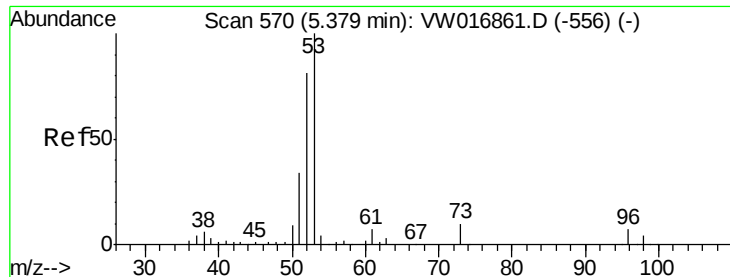
Ion Ratio Lower Upper

41 100

39 73.2 57.8 86.8

76 44.6 35.1 52.7





#15

Acrylonitrile

Concen: 261.905 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

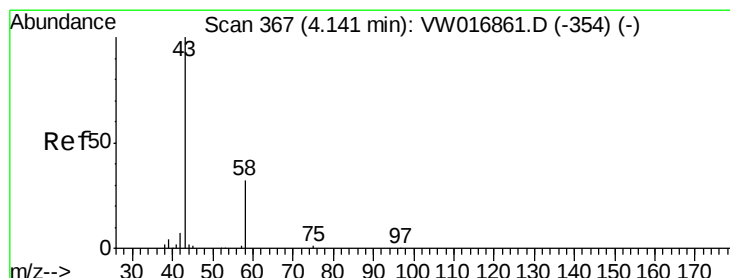
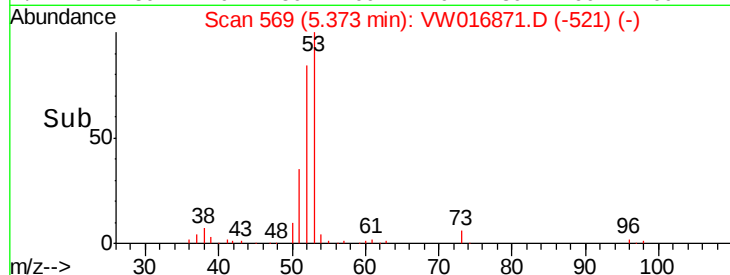
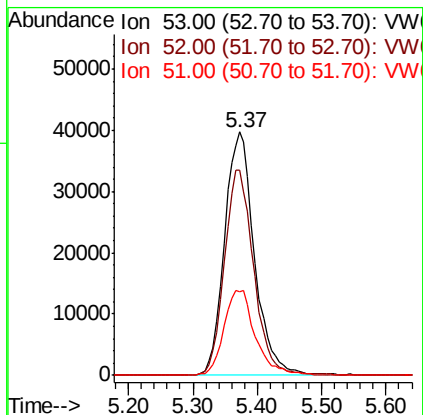
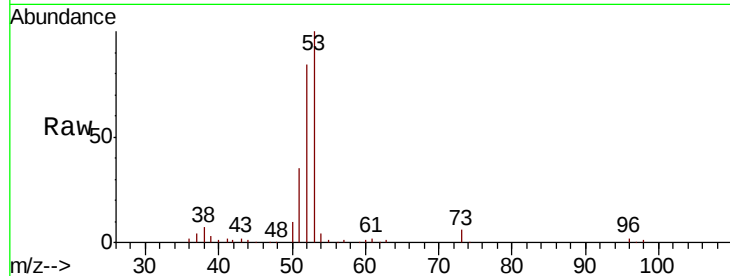
Tot Ion: 53 Resp: 129371

Ion Ratio Lower Upper

53 100

52 83.0 65.0 97.4

51 36.5 29.1 43.7



#16

Acetone

Concen: 241.036 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.02 min

Lab File: VW016871.D

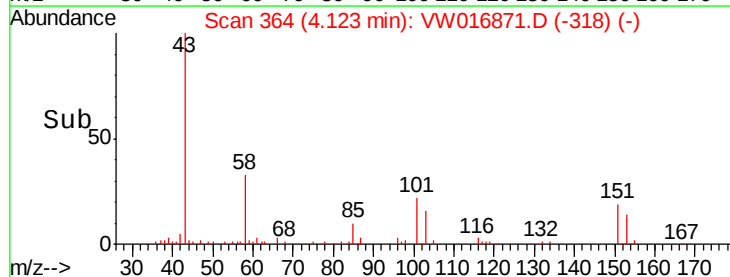
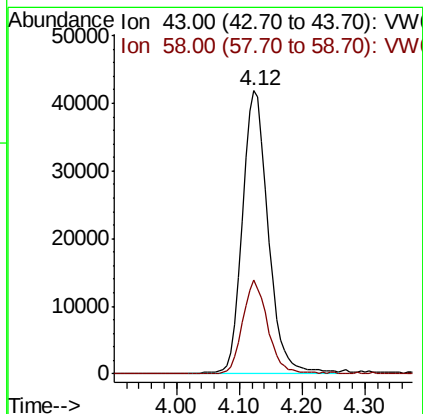
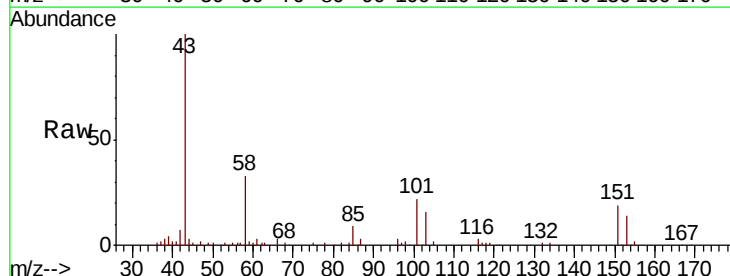
Acq: 09 Oct 2020 20:05

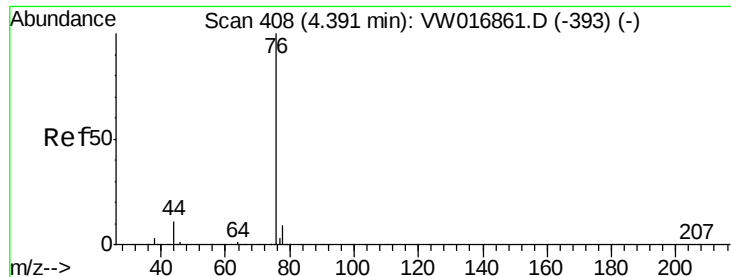
Tgt Ion: 43 Resp: 119822

Ion Ratio Lower Upper

43 100

58 33.0 25.7 38.5

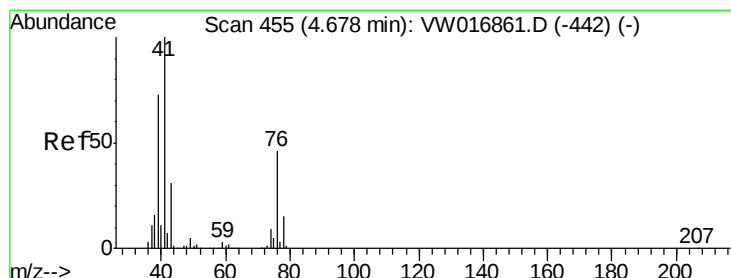
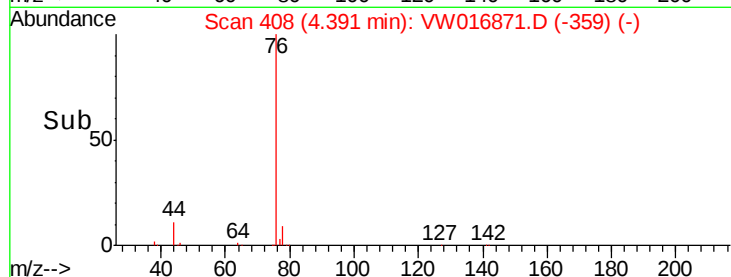
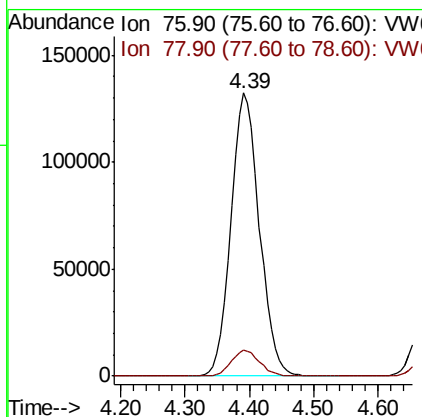
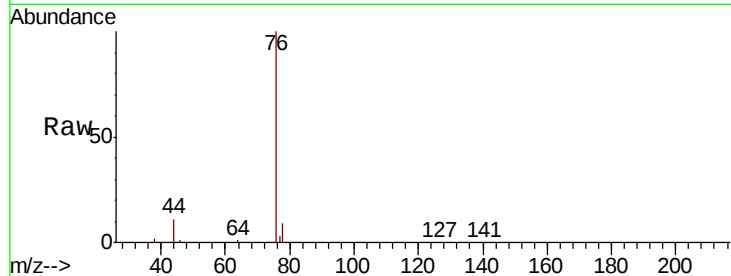




#17
Carbon Disulfide
Concen: 48.393 ug/l
RT: 4.39 min Scan# 408
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

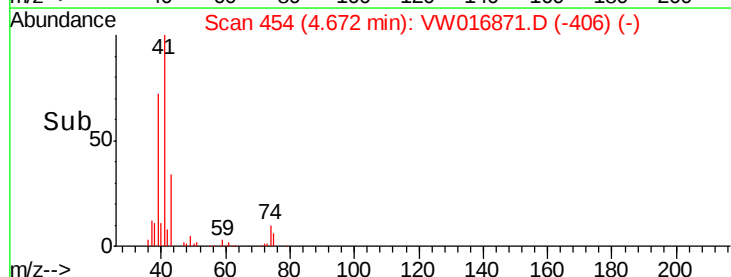
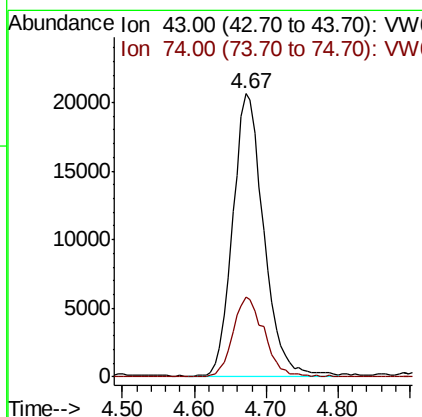
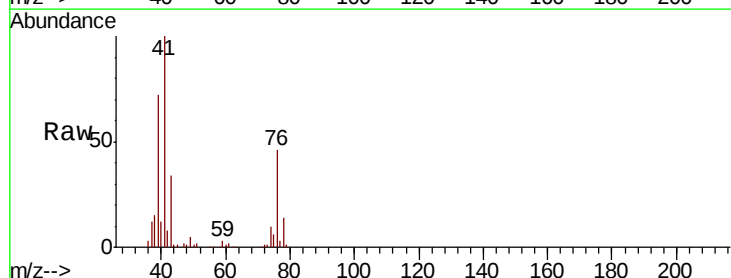
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

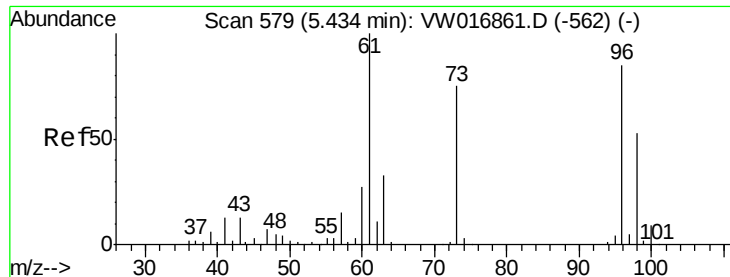
Tot Ion: 76 Resp: 406570
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 54.530 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 43 Resp: 62174
Ion Ratio Lower Upper
43 100
74 28.3 23.8 35.6

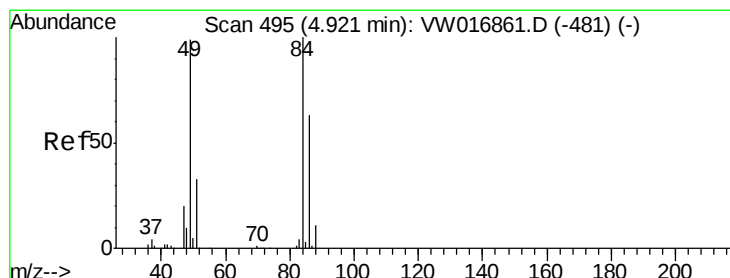
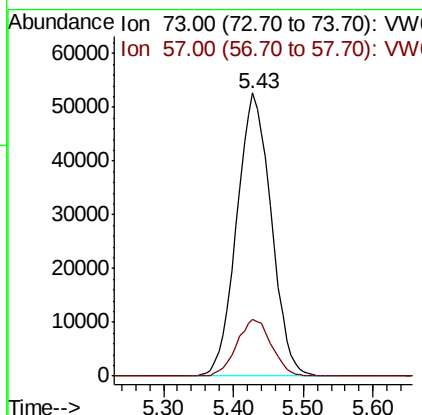
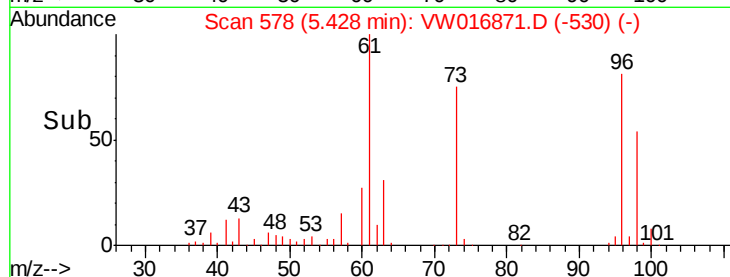
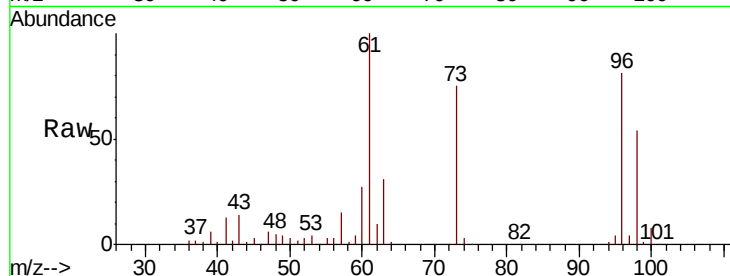




#19
Methvl tert-butvl Ether
Concen: 52.924 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

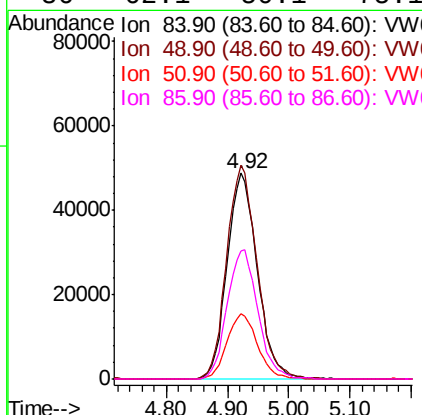
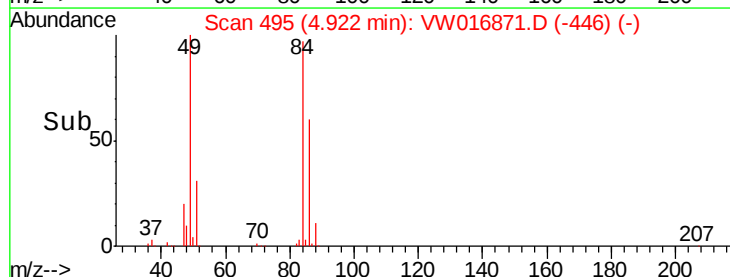
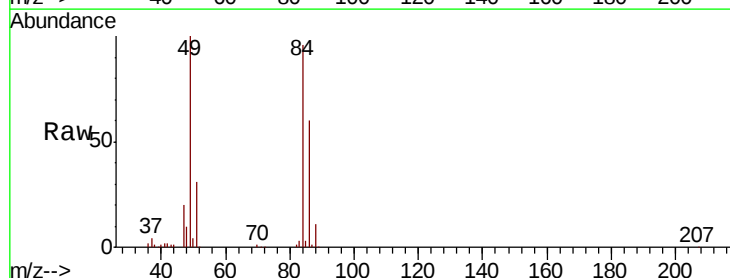
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

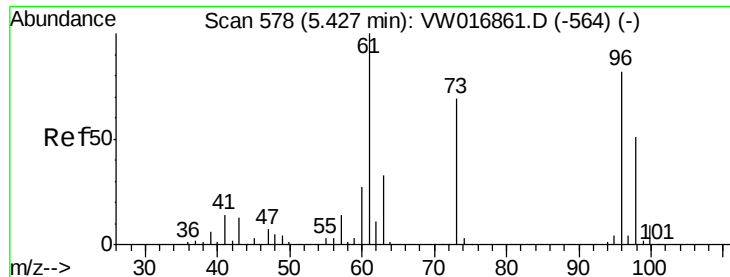
Tot Ion: 73 Resp: 180121
Ion Ratio Lower Upper
73 100
57 20.1 16.1 24.1



#20
Methylene Chloride
Concen: 50.470 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 84 Resp: 165624
Ion Ratio Lower Upper
84 100
49 103.7 79.0 118.6
51 32.0 26.1 39.1
86 62.1 50.1 75.1





#21

trans-1,2-Dichloroethene

Concen: 48.260 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

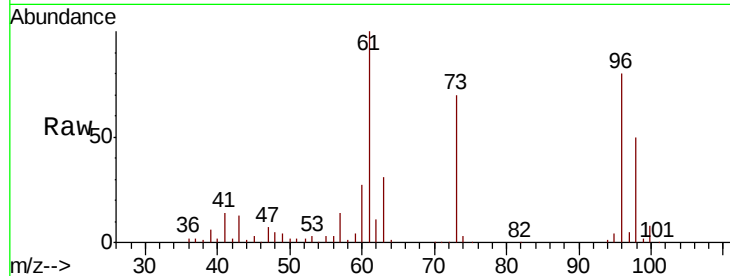
Tot Ion: 96 Resp: 171081

Ion Ratio Lower Upper

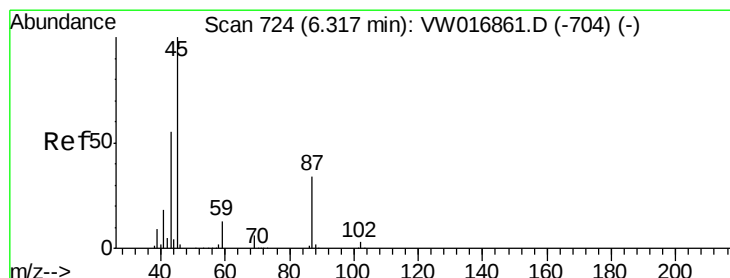
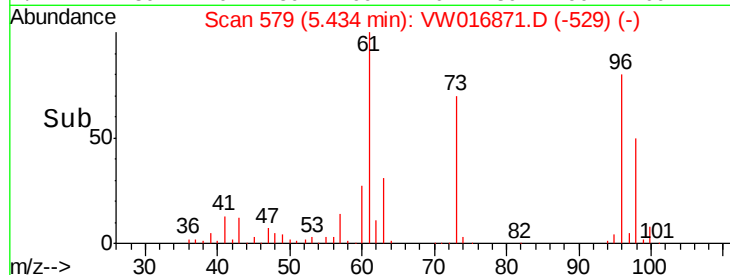
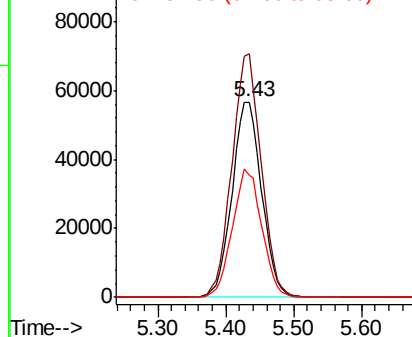
96 100

61 124.6 97.4 146.0

98 62.7 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: 49.463 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Tgt Ion: 45 Resp: 339804

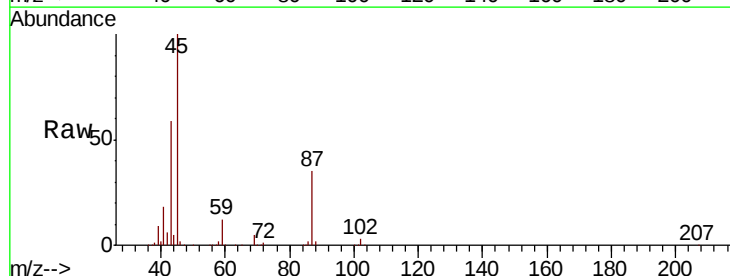
Ion Ratio Lower Upper

45 100

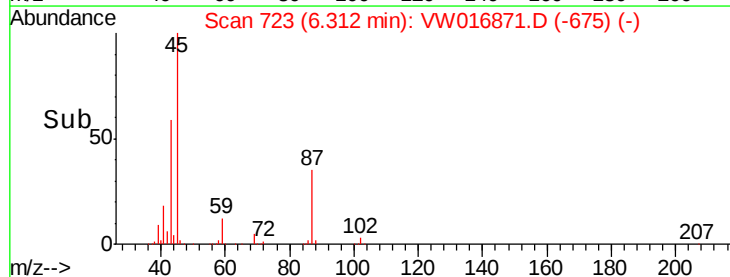
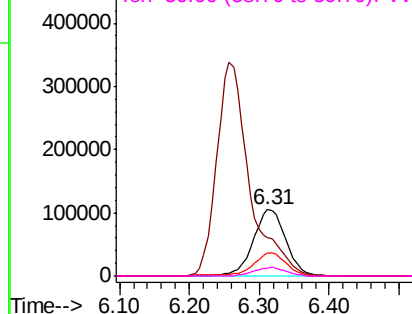
43 58.1 43.8 65.8

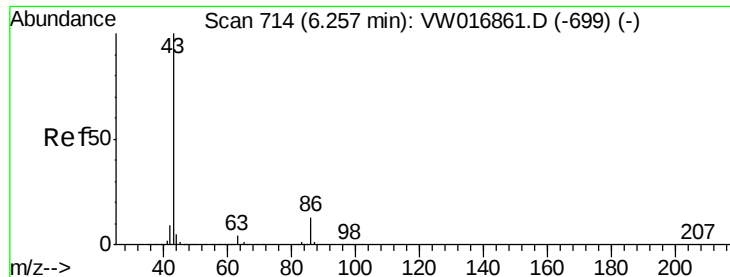
87 34.9 27.6 41.4

59 12.1 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

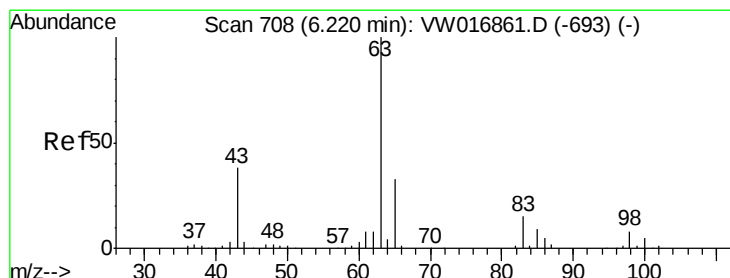
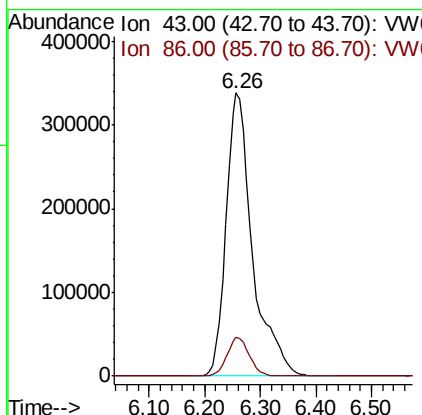
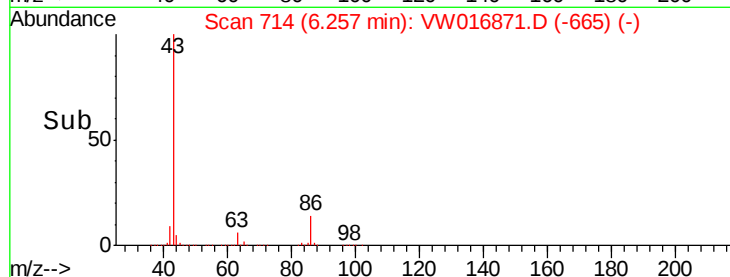
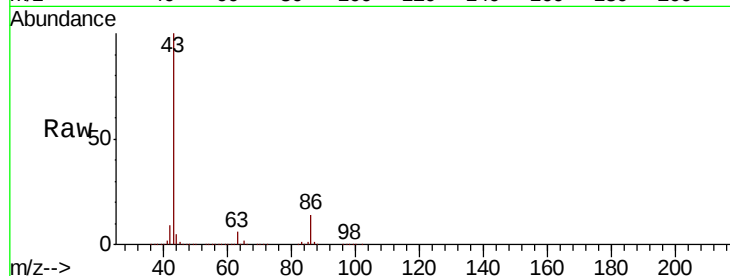




#23
 Vinyl Acetate
 Concen: 251.810 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

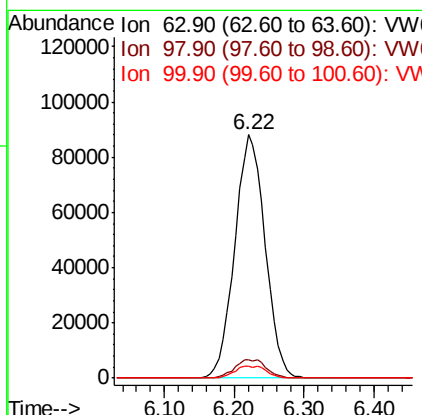
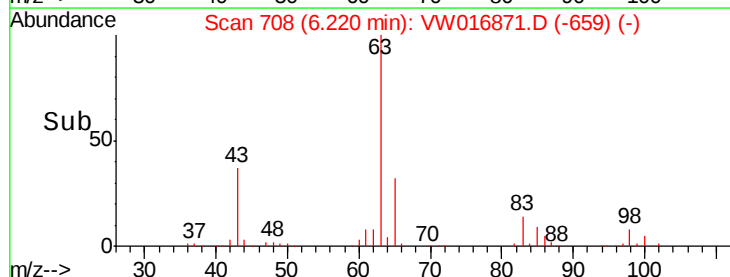
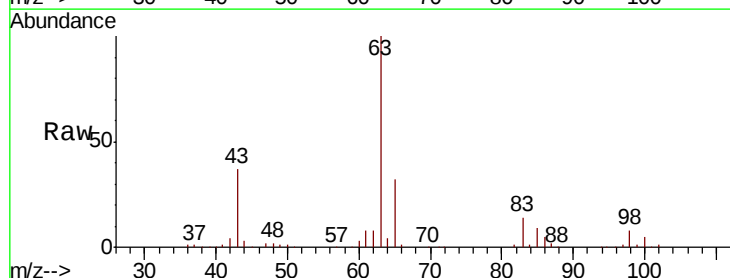
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

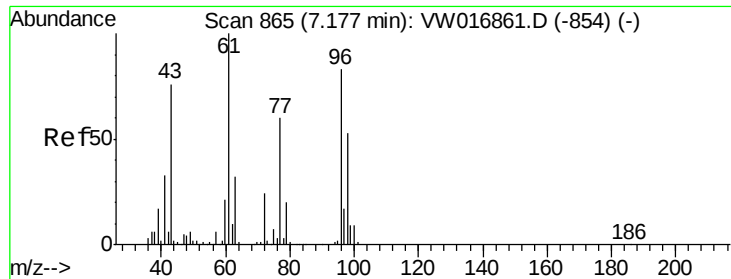
Tot Ion: 43 Resp: 1108471
 Ion Ratio Lower Upper
 43 100
 86 13.8 10.2 15.4



#24
 1,1-Dichloroethane
 Concen: 48.657 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 63 Resp: 265056
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.2 12.6
 100 5.1 2.6 7.8





#25

2-Butanone

Concen: 261.122 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

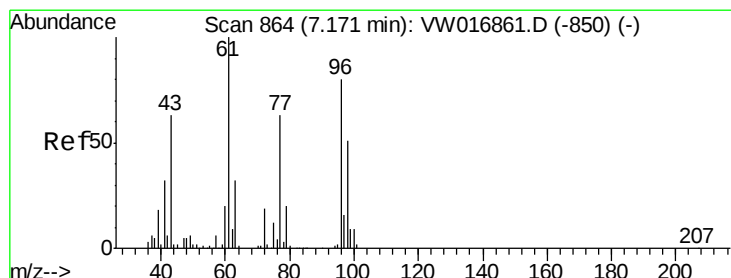
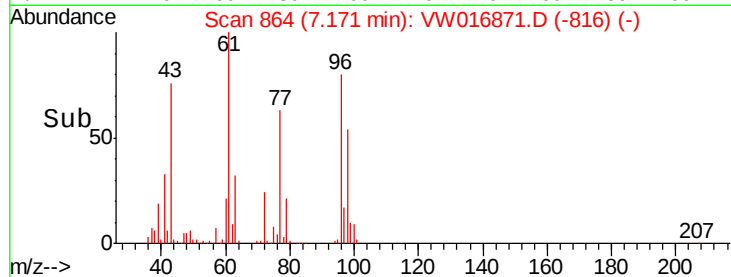
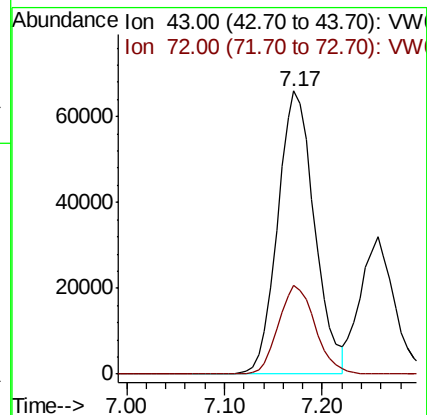
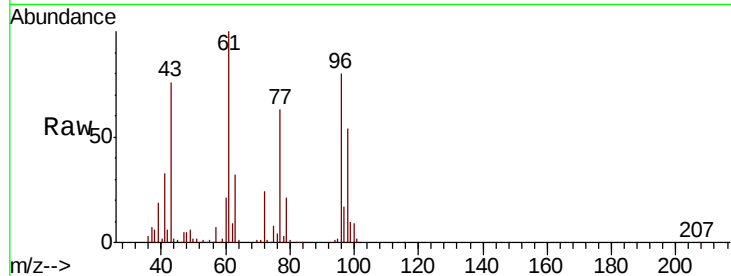
VSTDCCC050EC

Tot Ion: 43 Resp: 173053

Ion Ratio Lower Upper

43 100

72 31.5 25.4 38.2



#26

2,2-Dichloropropane

Concen: 47.727 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016871.D

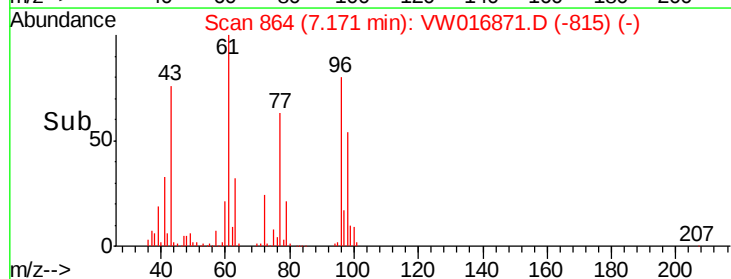
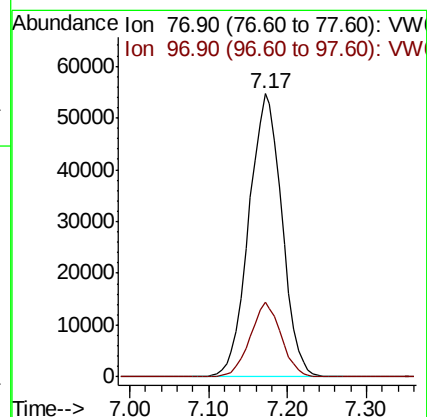
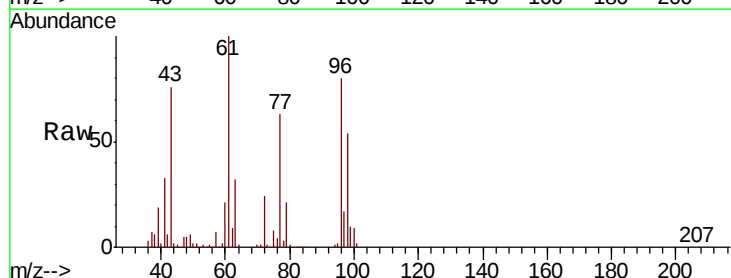
Acq: 09 Oct 2020 20:05

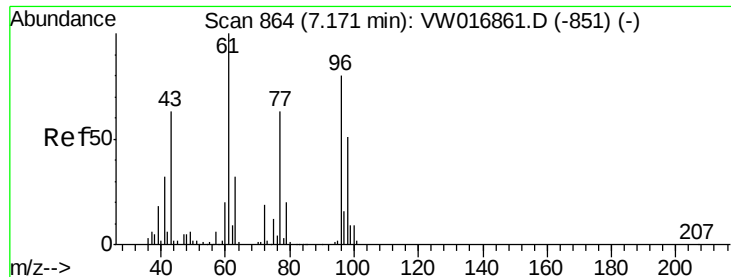
Tgt Ion: 77 Resp: 159068

Ion Ratio Lower Upper

77 100

97 24.6 12.4 37.4

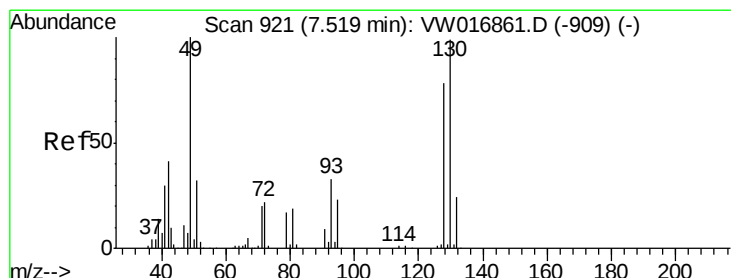
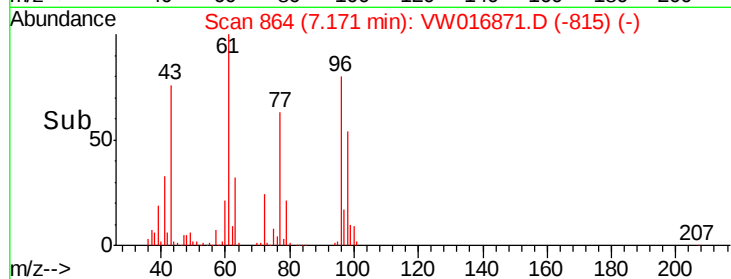
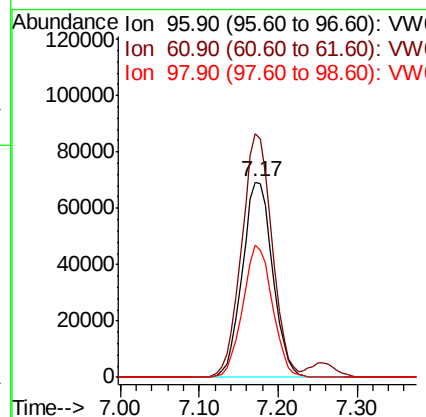
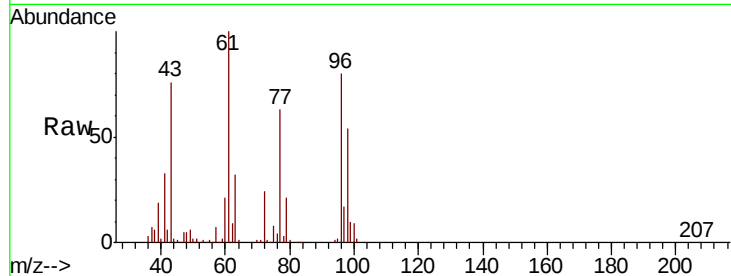




#27
 cis-1,2-Dichloroethene
 Concen: 48.926 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

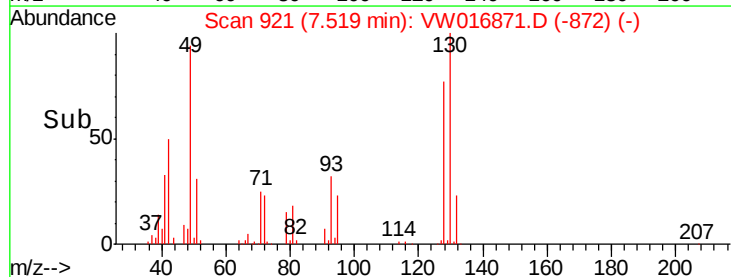
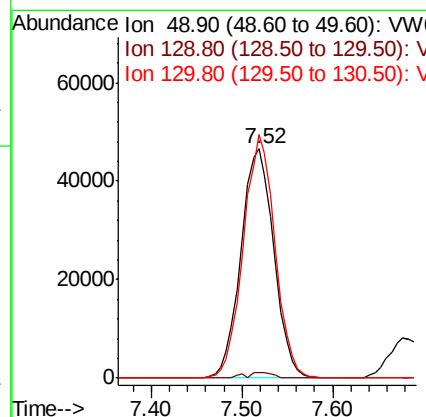
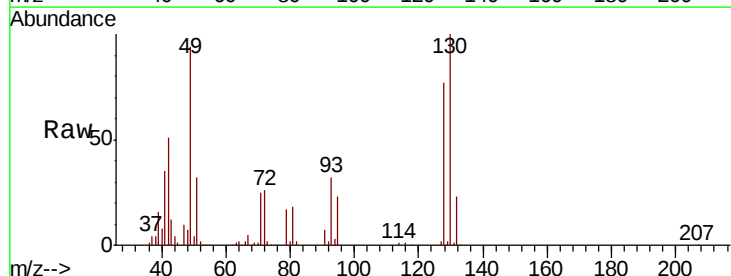
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

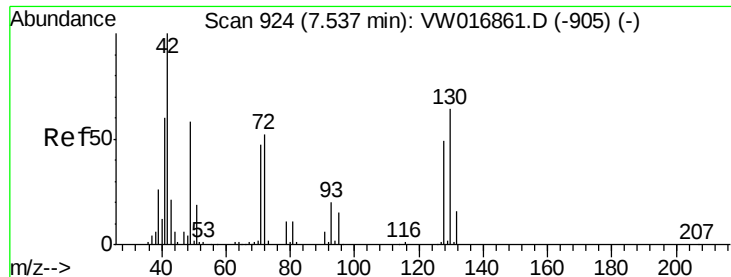
Tot Ion	96	Resp	185763
Ion	Ratio	Lower	Upper
96	100		
61	125.1	0.0	249.6
98	66.0	0.0	129.4



#28
 Bromochloromethane
 Concen: 53.792 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion	49	Resp	117279
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.8
130	101.8	81.3	121.9

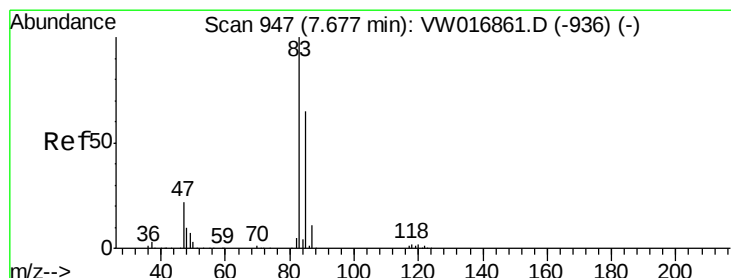
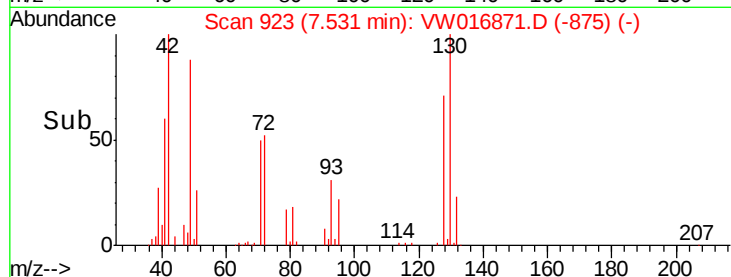
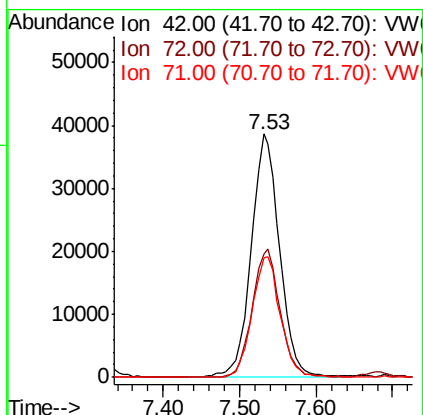
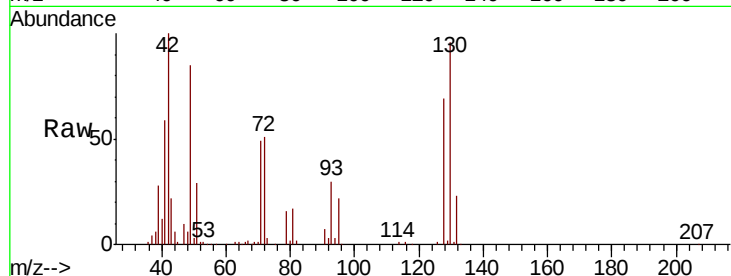




#29
Tetrahydrofuran
Concen: 268.787 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

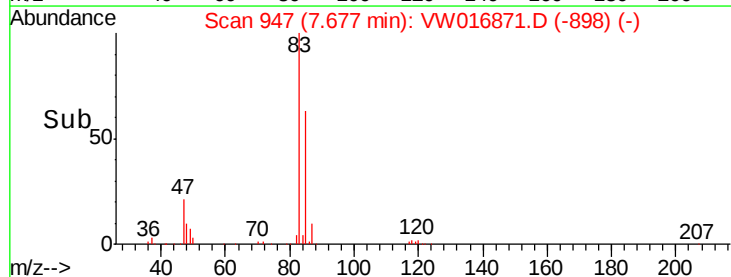
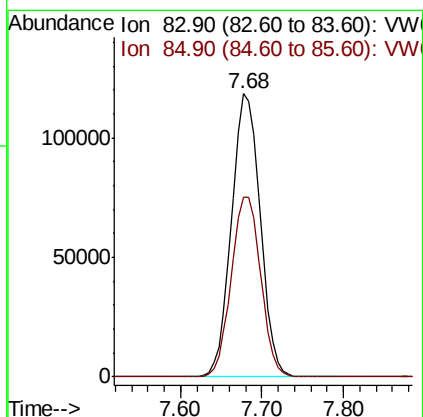
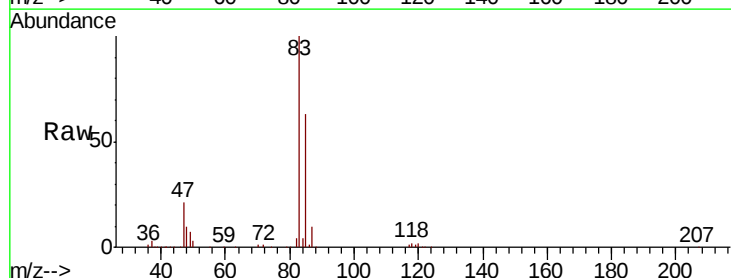
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

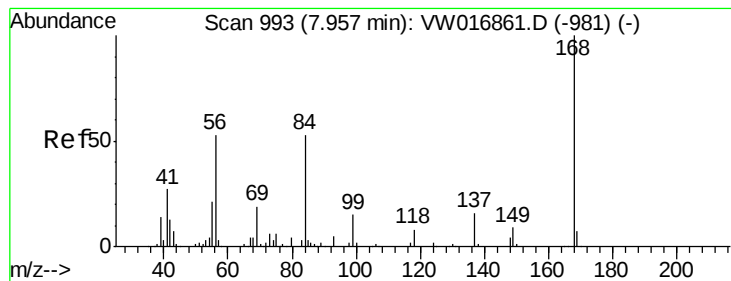
Tot Ion: 42 Resp: 99777
Ion Ratio Lower Upper
42 100
72 52.0 42.0 63.0
71 49.3 39.0 58.6



#30
Chloroform
Concen: 48.560 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 83 Resp: 287577
Ion Ratio Lower Upper
83 100
85 63.3 51.7 77.5





#31

Cyclohexane

Concen: 45.321 ug/l

RT: 7.96 min Scan# 994

Delta R.T. 0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

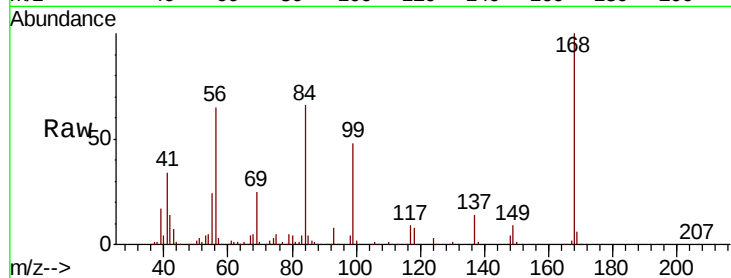
Tot Ion: 56 Resp: 210582

Ion Ratio Lower Upper

56 100

69 37.7 29.3 43.9

84 99.9 80.5 120.7

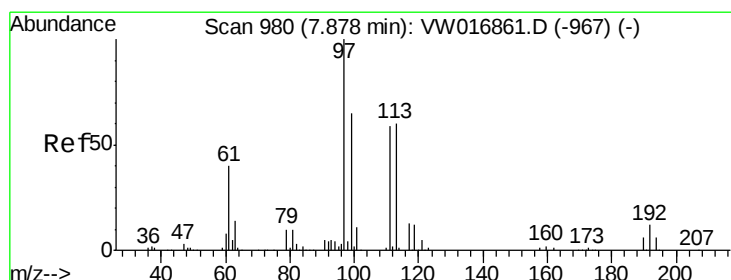
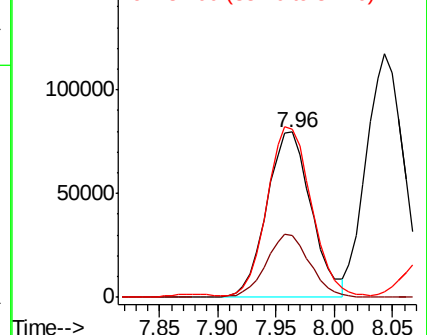
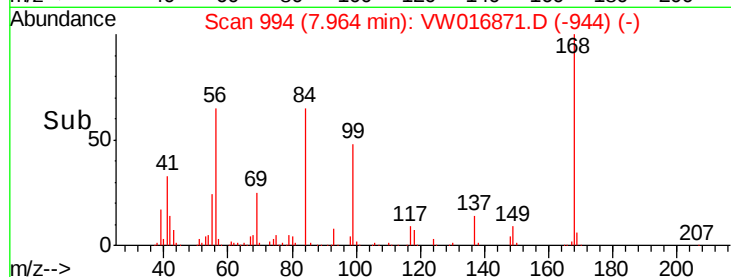


Abundance

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: 49.463 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

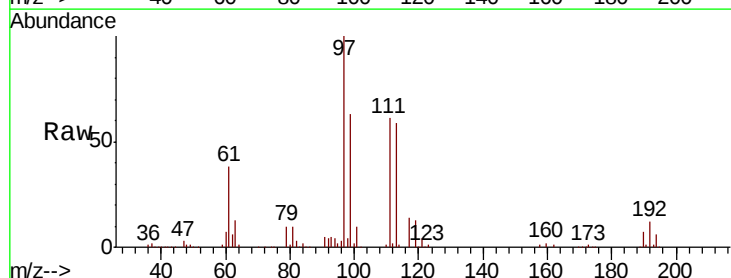
Tgt Ion: 97 Resp: 247076

Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 39.8 31.9 47.9

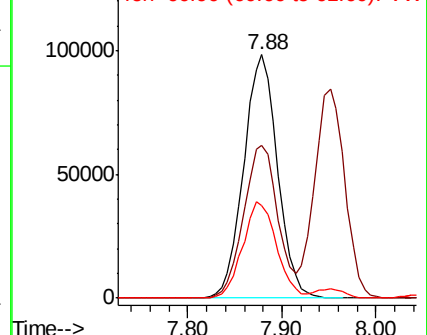
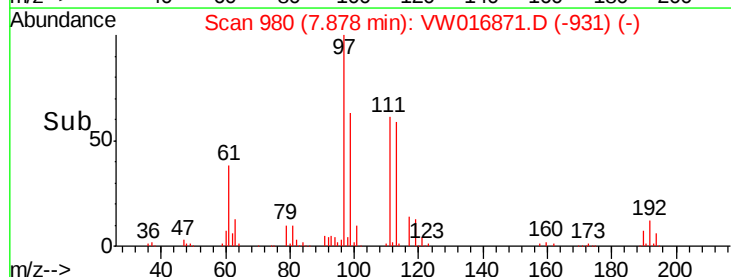


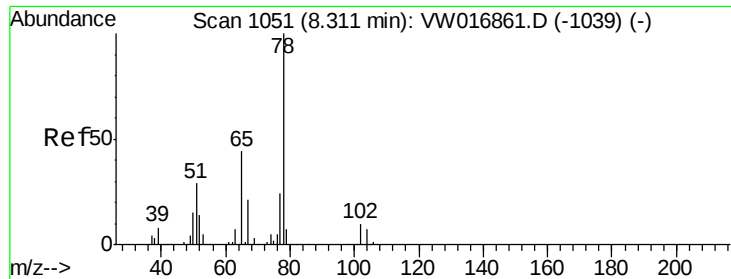
Abundance

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

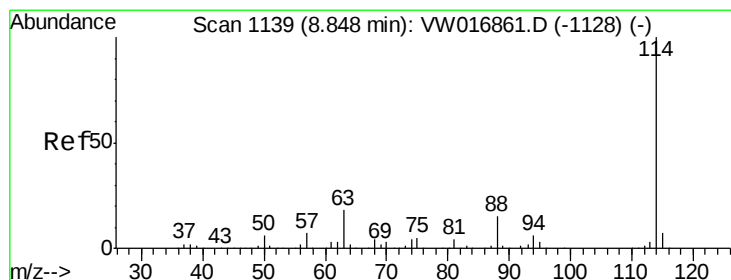
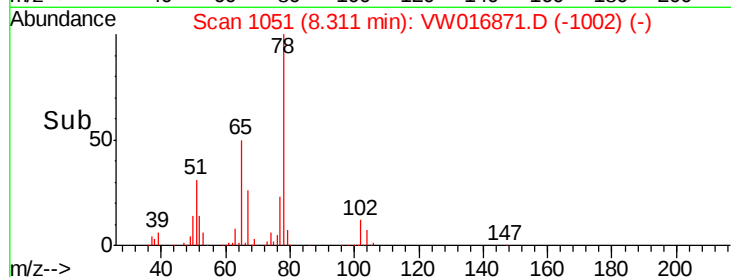
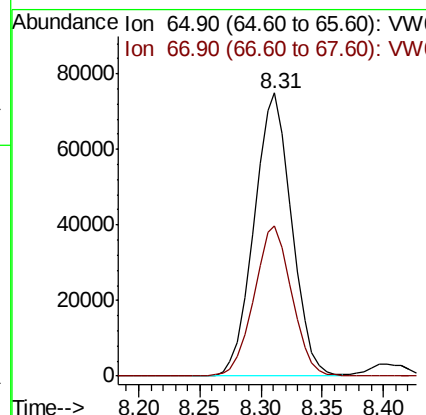
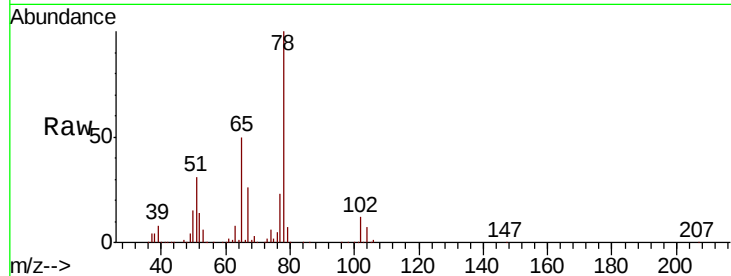




#33
 1,2-Dichloroethane-d4
 Concen: 52.196 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

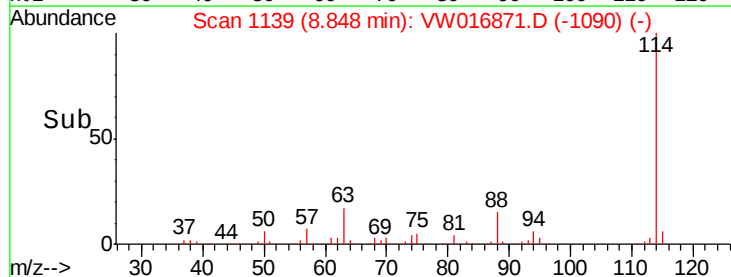
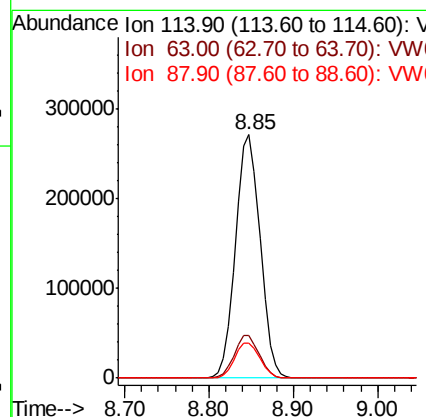
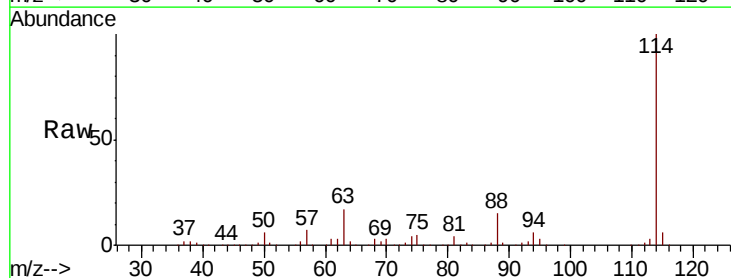
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

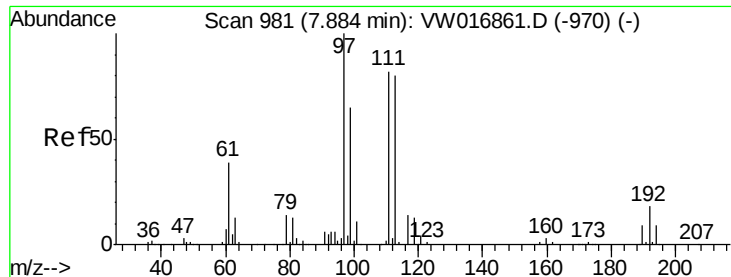
Tot Ion: 65 Resp: 160208
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 114 Resp: 537181
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 35.6
 88 14.5 0.0 30.4

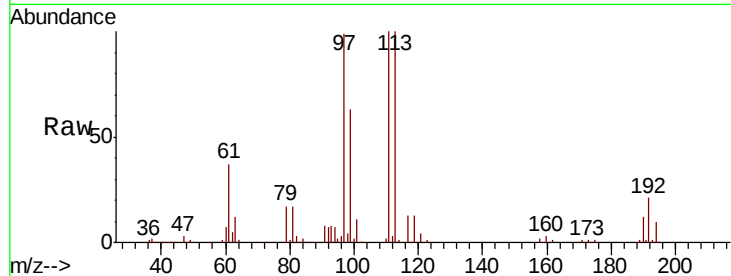




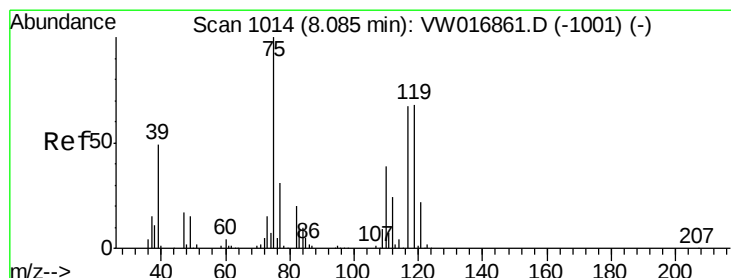
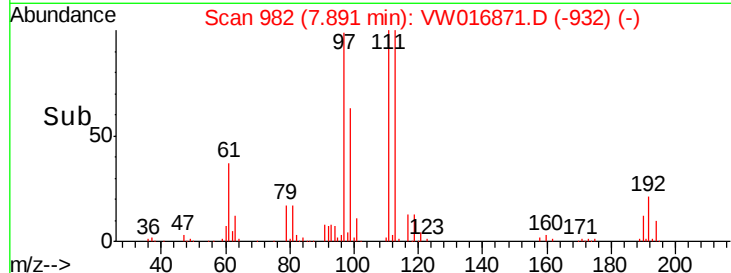
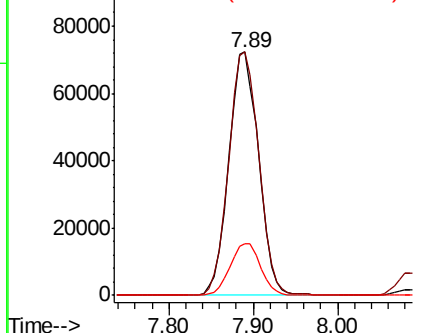
#35
 Dibromofluoromethane
 Concen: 52.653 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:113 Resp: 173361
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.4 122.2
 192 21.7 17.8 26.8

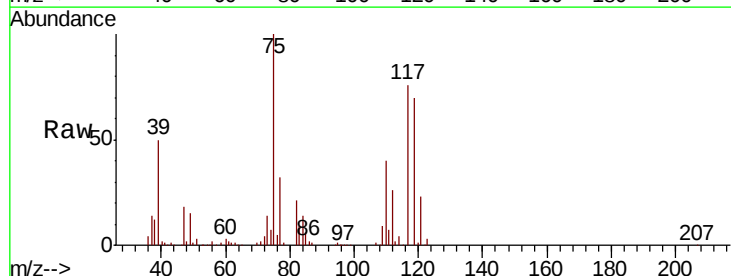


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

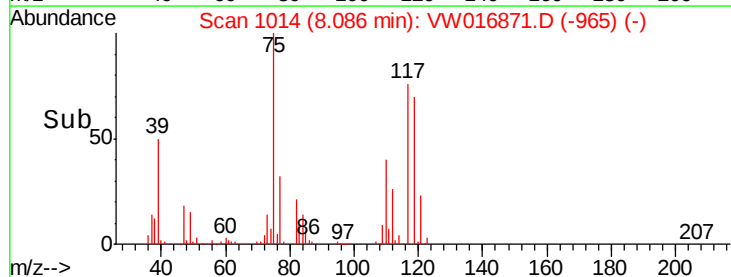
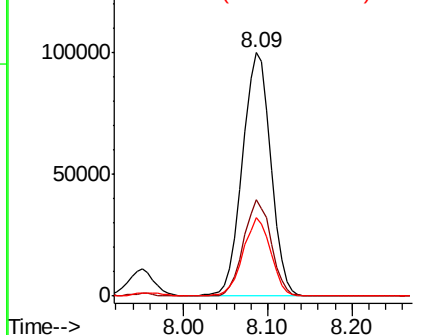


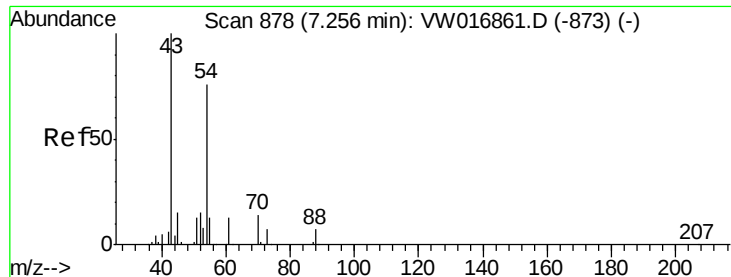
#36
 1,1-Dichloropropene
 Concen: 49.044 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 75 Resp: 227733
 Ion Ratio Lower Upper
 75 100
 110 38.4 19.3 57.9
 77 31.4 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

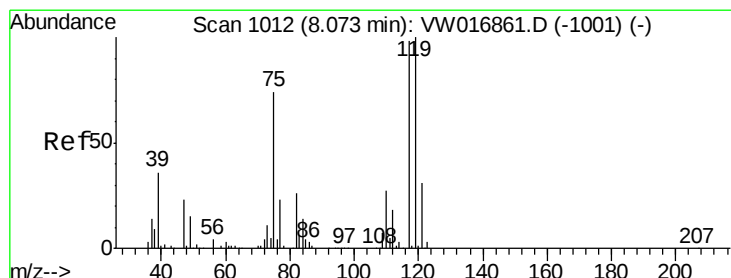
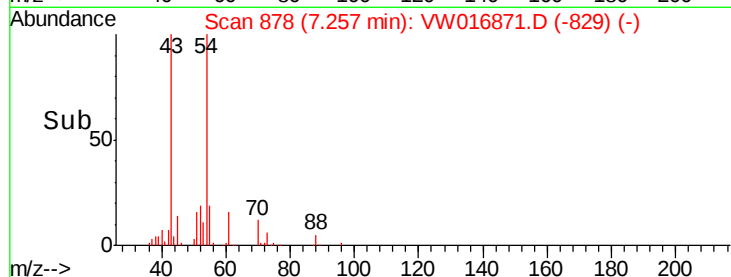
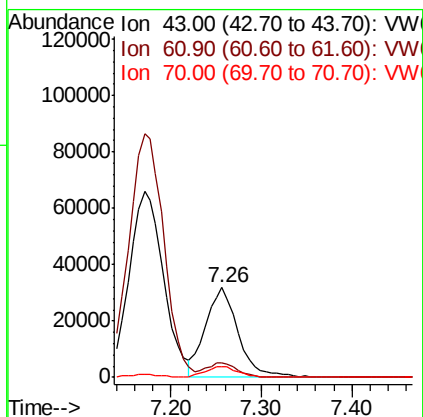
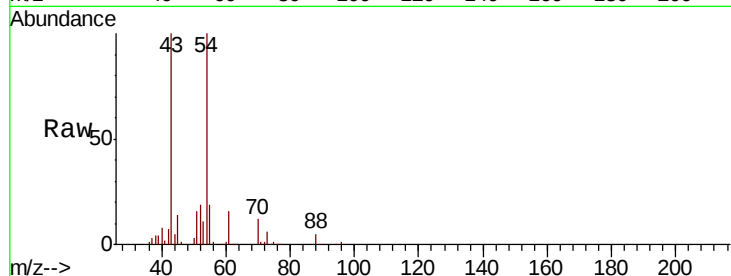




#37
Ethyl Acetate
Concen: 52.016 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

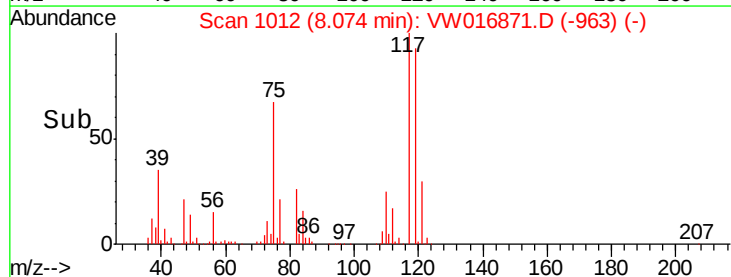
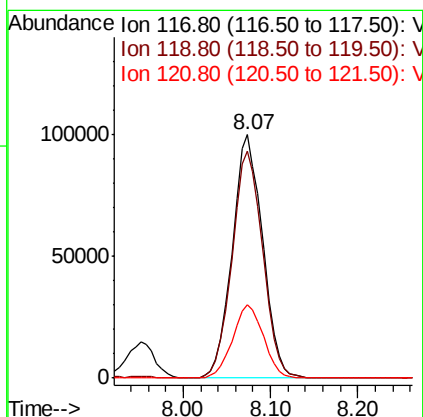
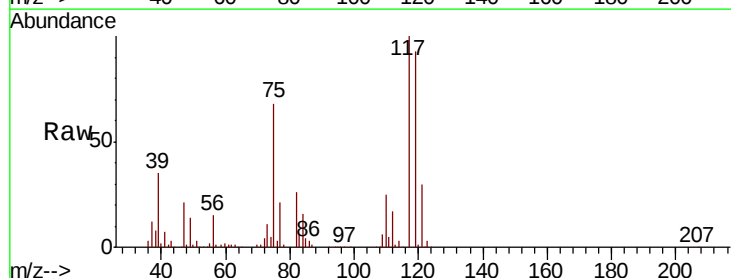
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

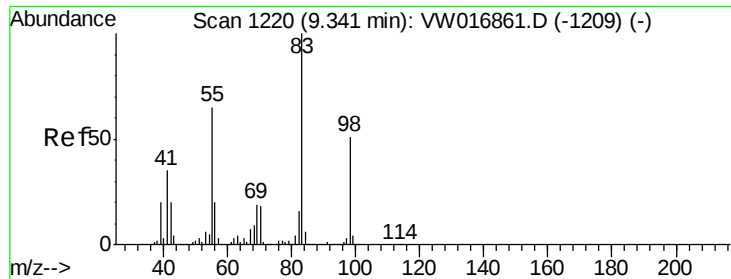
Tot Ion: 43 Resp: 78921
Ion Ratio Lower Upper
43 100
61 16.4 12.0 18.0
70 12.4 9.9 14.9



#38
Carbon Tetrachloride
Concen: 49.867 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 117 Resp: 240781
Ion Ratio Lower Upper
117 100
119 93.3 81.6 122.4
121 30.2 25.7 38.5

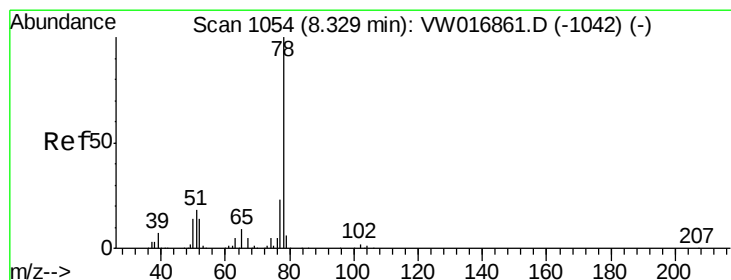
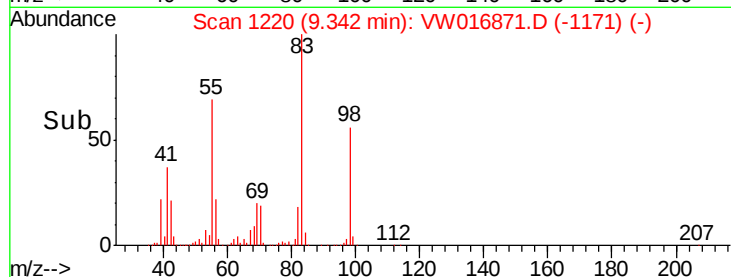
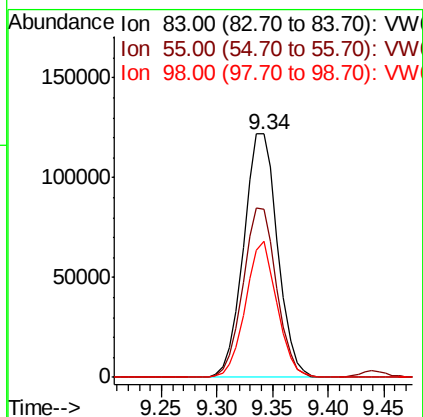
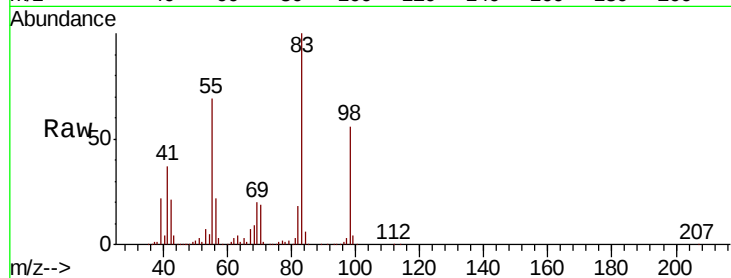




#39
Methvlcvclohexane
Concen: 48.937 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

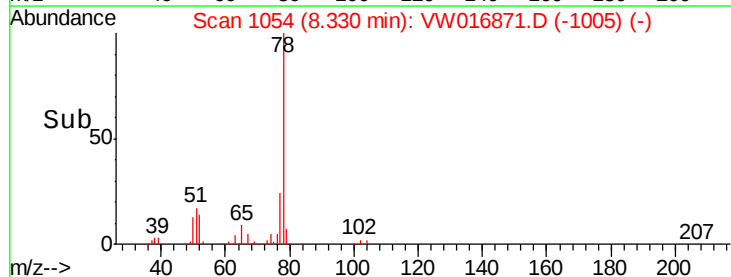
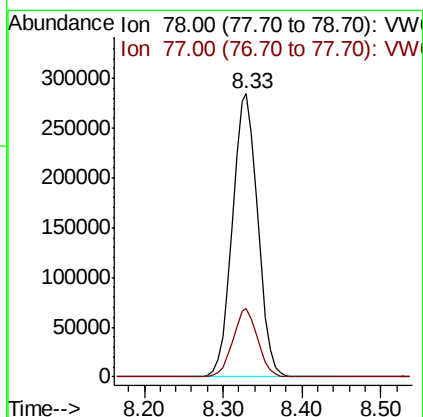
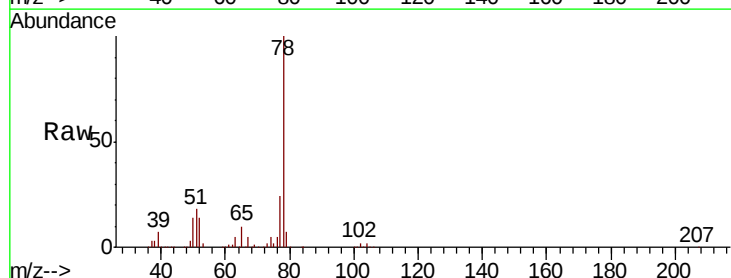
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

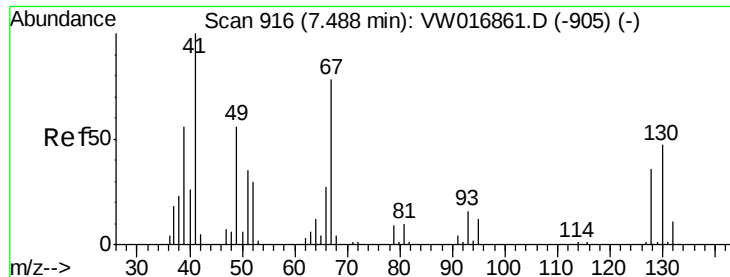
Tot Ion: 83 Resp: 259160
Ion Ratio Lower Upper
83 100
55 69.0 51.7 77.5
98 56.0 41.0 61.4



#40
Benzene
Concen: 48.880 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 78 Resp: 632475
Ion Ratio Lower Upper
78 100
77 24.0 18.5 27.7





#41

Methacrylonitrile

Concen: 51.961 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 46717

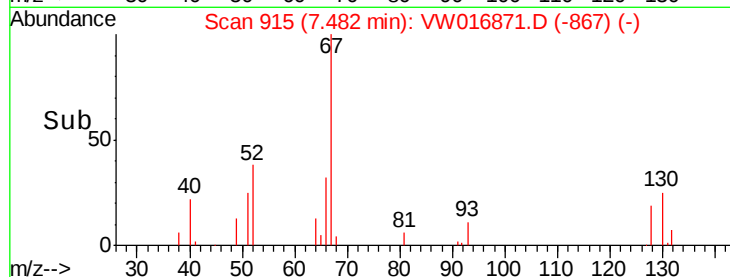
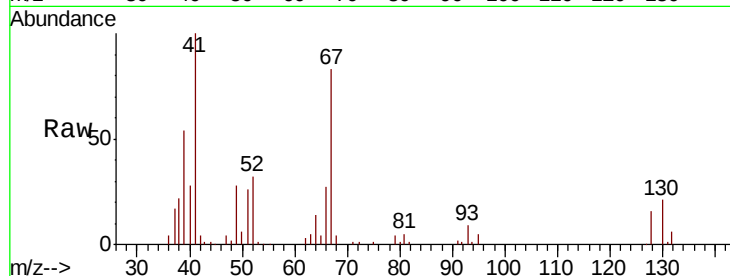
Ion	Ratio	Lower	Upper
41	100		
39	53.3	47.0	70.6
67	81.9	68.6	102.8
52	32.9	28.1	42.1

41 100

39 53.3 47.0 70.6

67 81.9 68.6 102.8

52 32.9 28.1 42.1

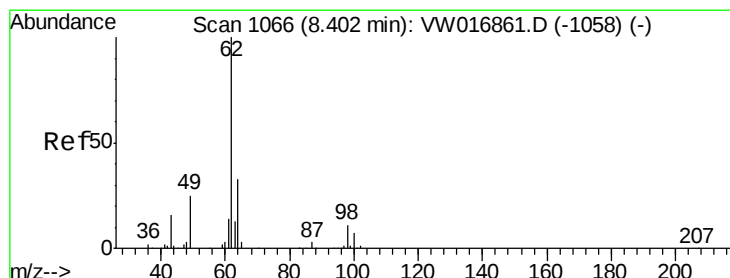
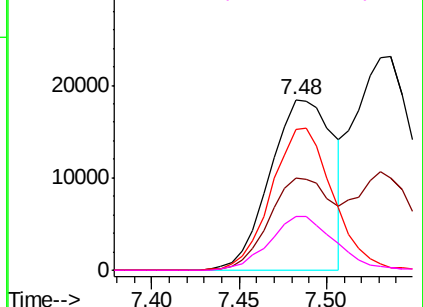


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 49.277 ug/l

RT: 8.40 min Scan# 1066

Delta R.T. 0.00 min

Lab File: VW016871.D

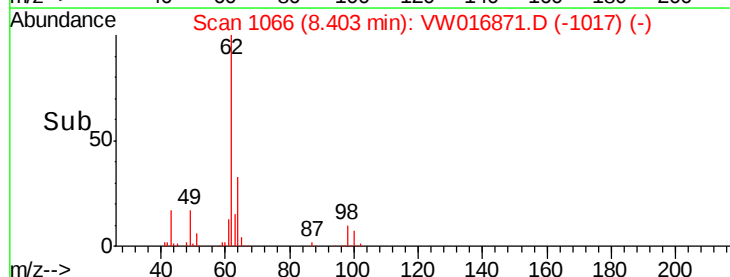
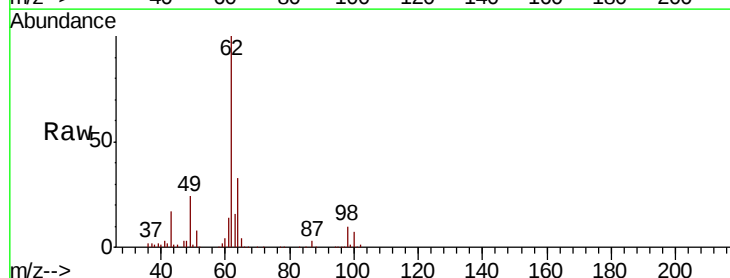
Acq: 09 Oct 2020 20:05

Tgt Ion: 62 Resp: 174409

Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	21.0

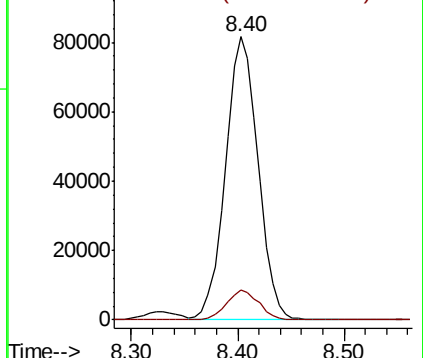
62 100

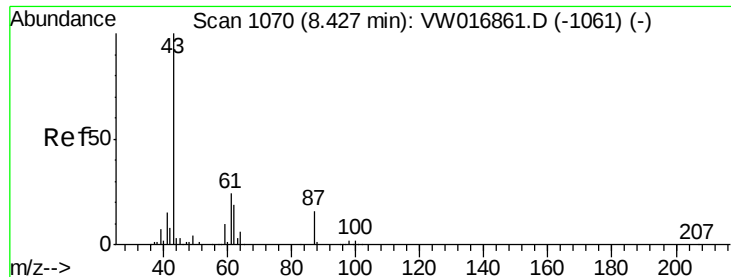
98 10.5 0.0 21.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.240 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

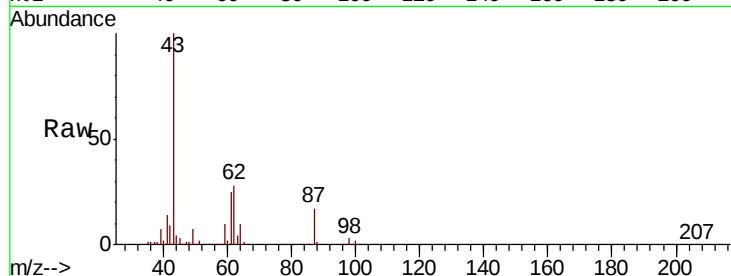
Tot Ion: 43 Resp: 151838

Ion Ratio Lower Upper

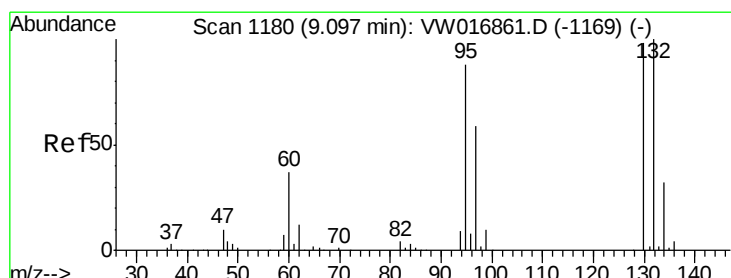
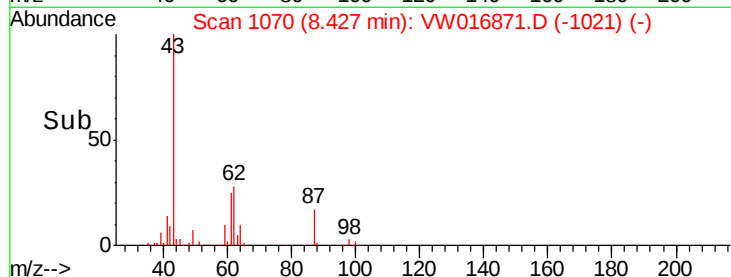
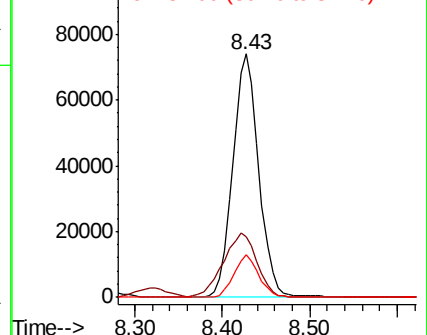
43 100

61 34.3 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: 48.788 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VW016871.D

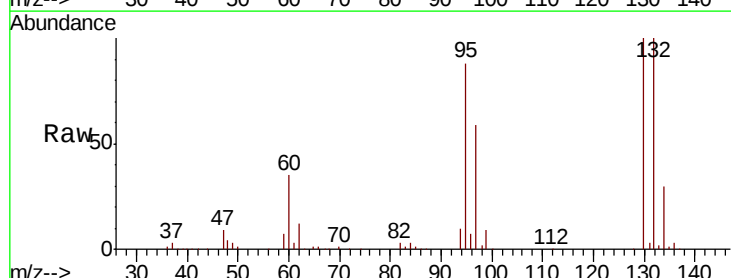
Acq: 09 Oct 2020 20:05

Tgt Ion: 130 Resp: 195392

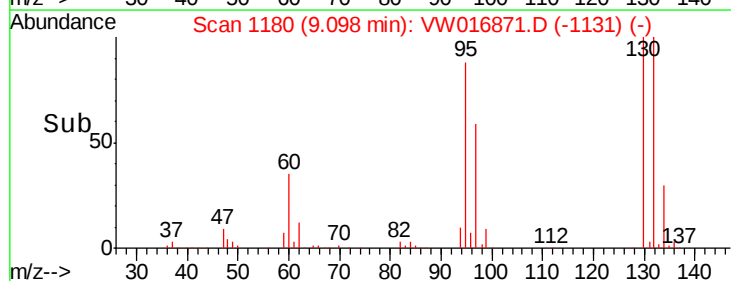
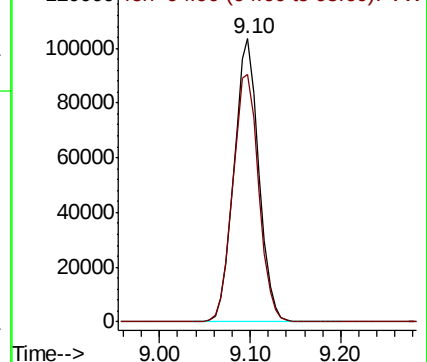
Ion Ratio Lower Upper

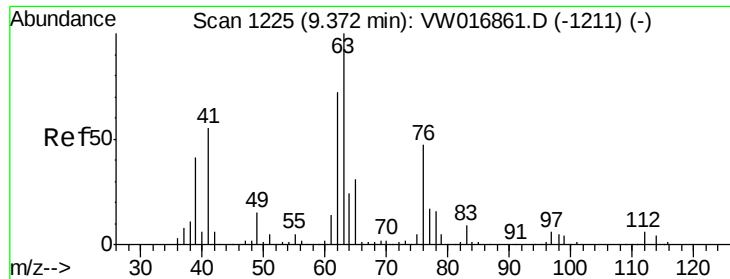
130 100

95 87.5 0.0 180.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

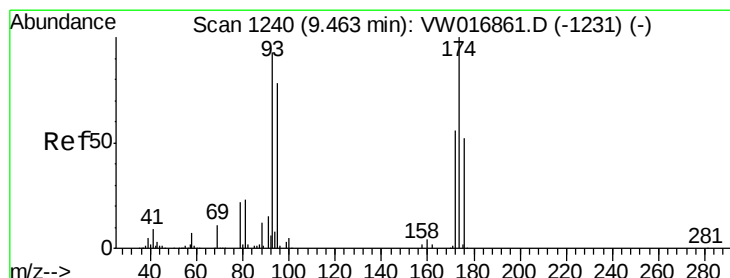
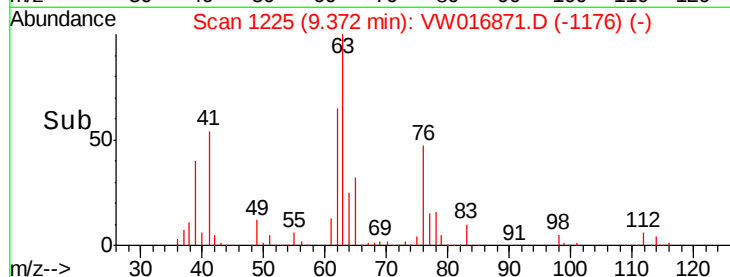
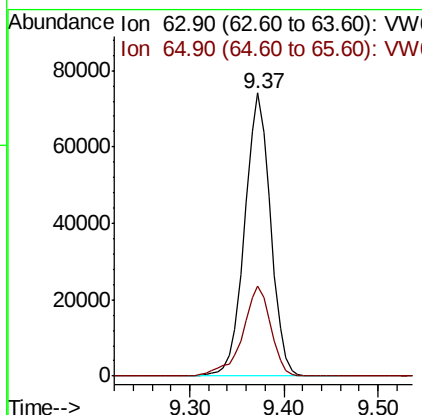
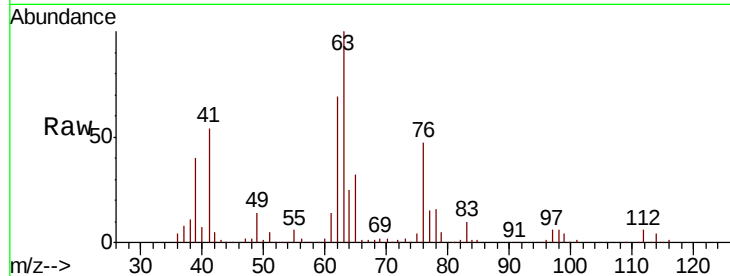




#45
 1,2-Dichloropropane
 Concen: 48.283 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

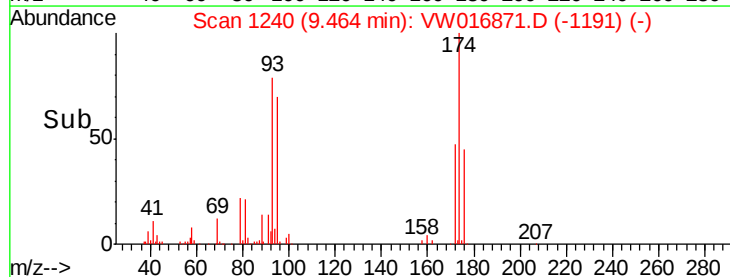
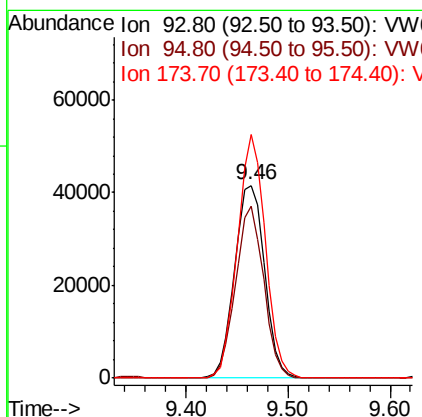
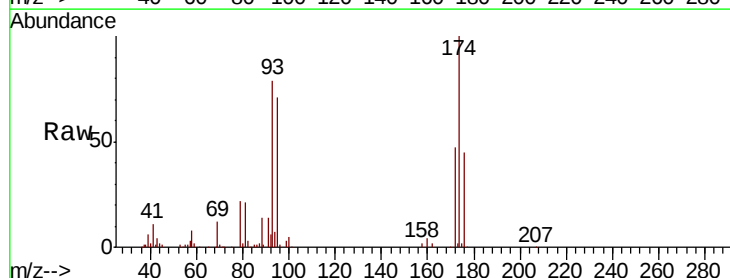
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

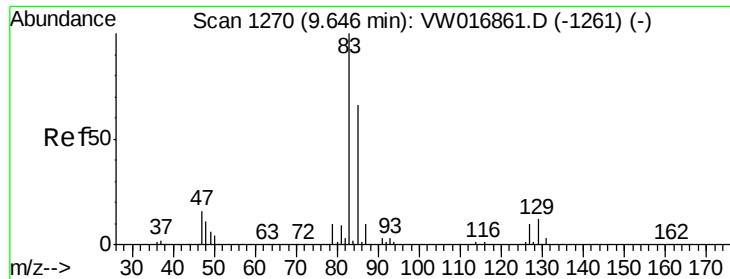
Tot Ion: 63 Resp: 142471
 Ion Ratio Lower Upper
 63 100
 65 32.0 25.1 37.7



#46
 Dibromomethane
 Concen: 50.188 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 93 Resp: 84705
 Ion Ratio Lower Upper
 93 100
 95 83.7 66.5 99.7
 174 117.8 91.0 136.6





#47

Bromodichloromethane

Concen: 49.449 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

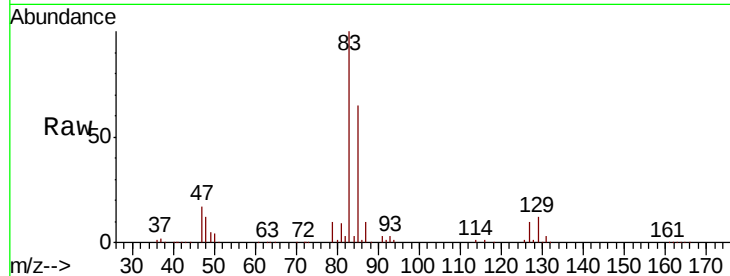
Tot Ion: 83 Resp: 207512

Ion Ratio Lower Upper

83 100

85 65.0 52.7 79.1

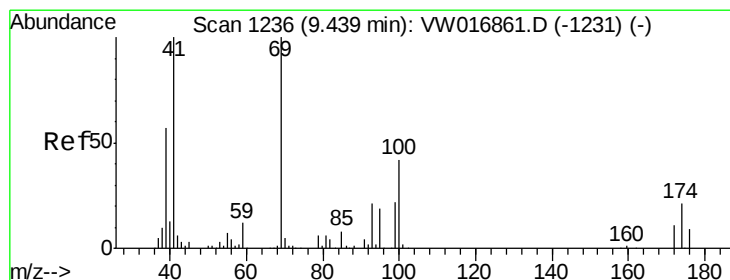
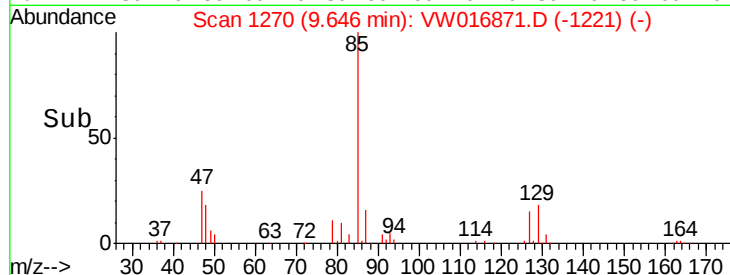
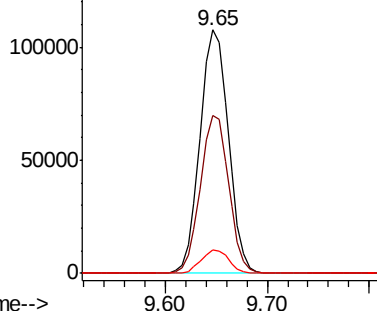
127 9.6 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 53.344 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

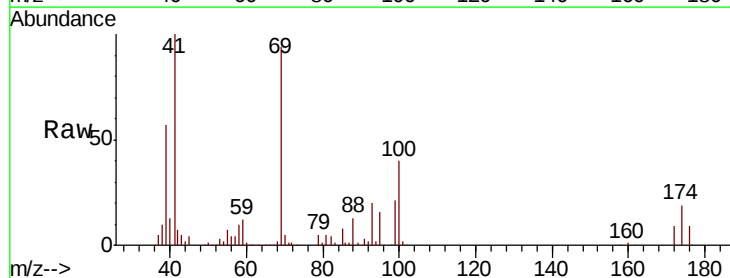
Tgt Ion: 41 Resp: 71449

Ion Ratio Lower Upper

41 100

69 102.9 83.5 125.3

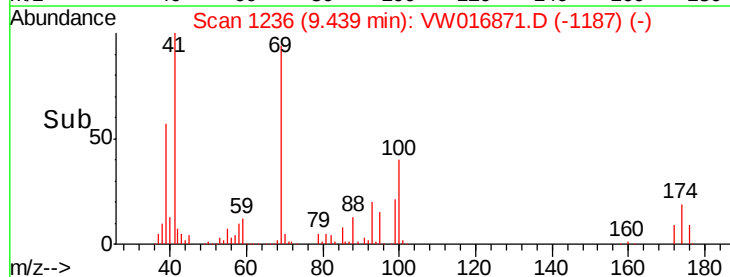
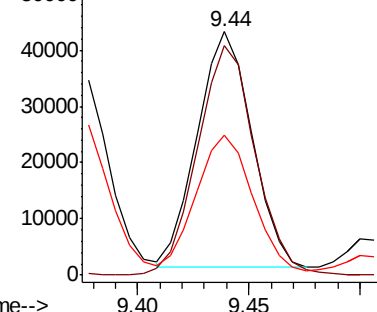
39 63.1 50.9 76.3

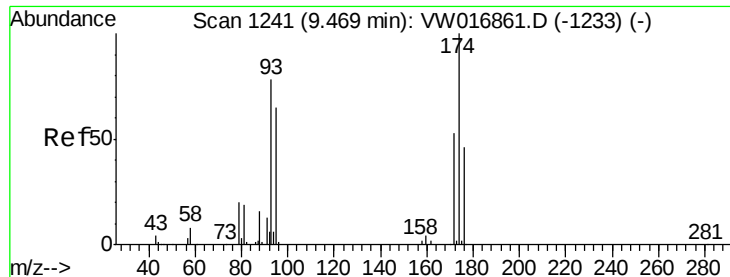


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1086.210 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.02 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

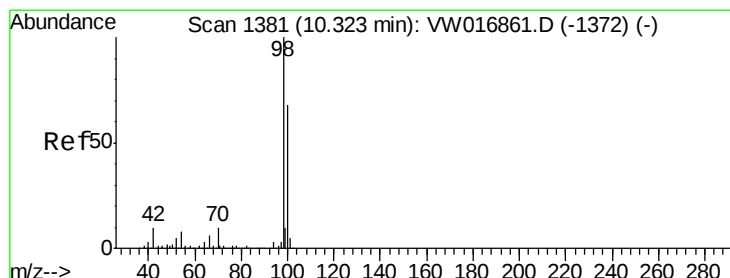
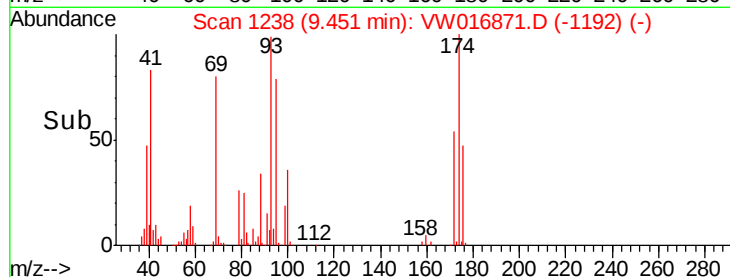
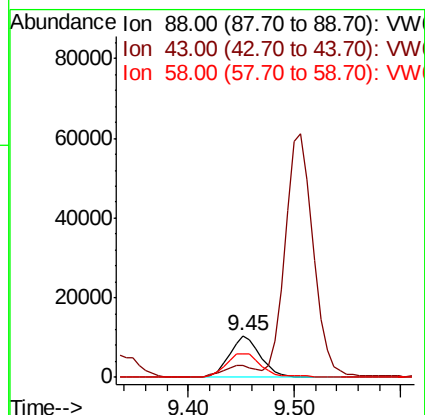
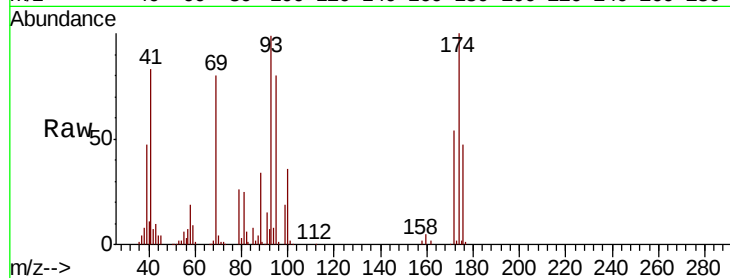
Tot Ion: 88 Resp: 21087

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 63.1 54.0 81.0



#50

Toluene-d8

Concen: 53.259 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.01 min

Lab File: VW016871.D

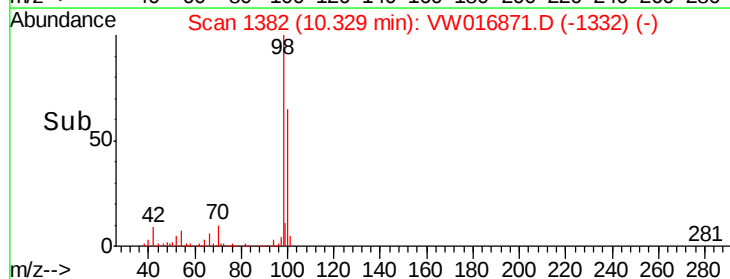
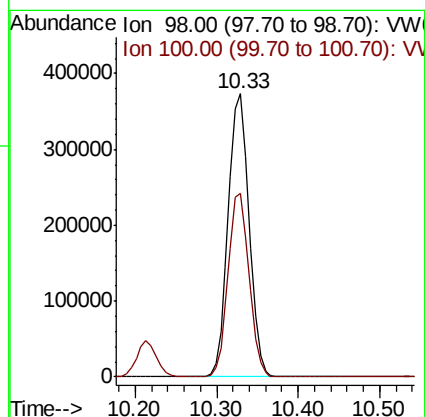
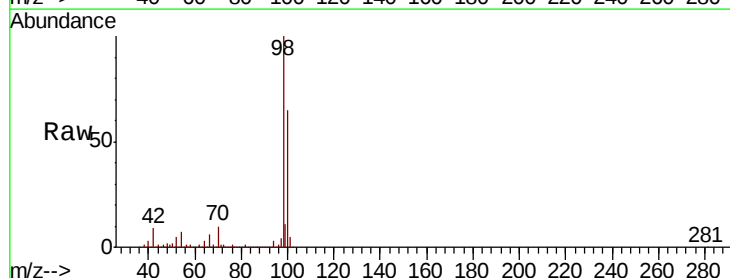
Acq: 09 Oct 2020 20:05

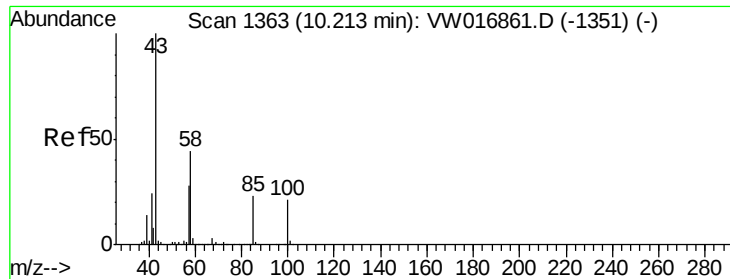
Tgt Ion: 98 Resp: 657501

Ion Ratio Lower Upper

98 100

100 65.0 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 258.560 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

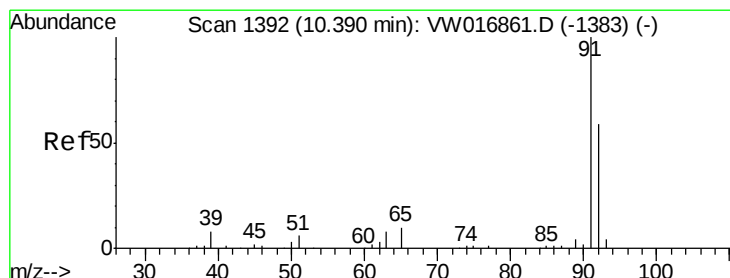
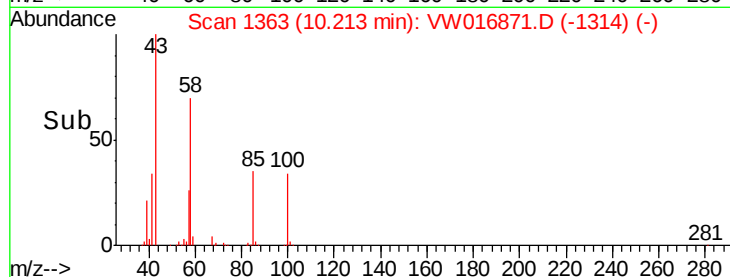
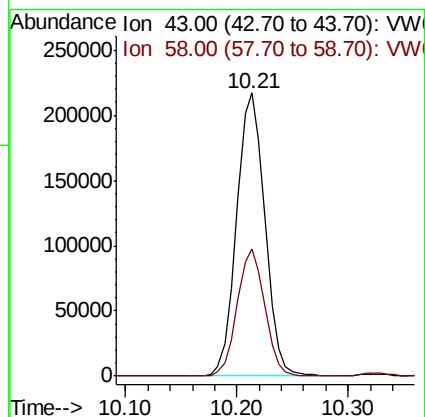
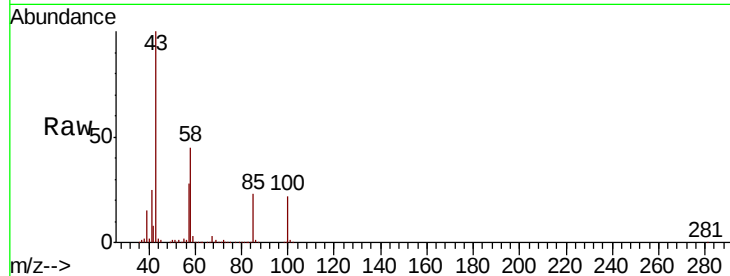
VSTDCCC050EC

Tot Ion: 43 Resp: 380192

Ion Ratio Lower Upper

43 100

58 44.0 34.7 52.1



#52

Toluene

Concen: 49.462 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016871.D

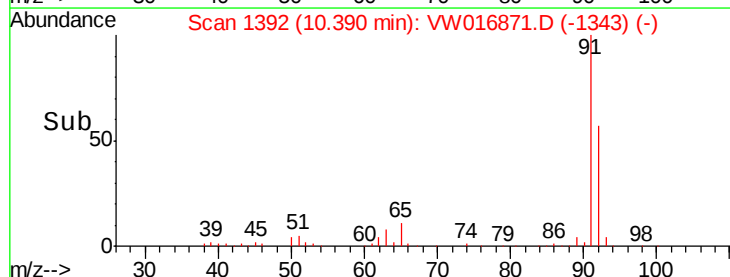
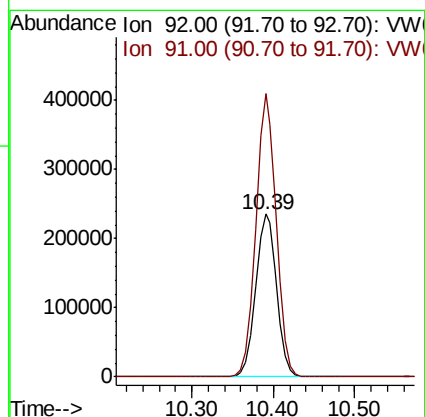
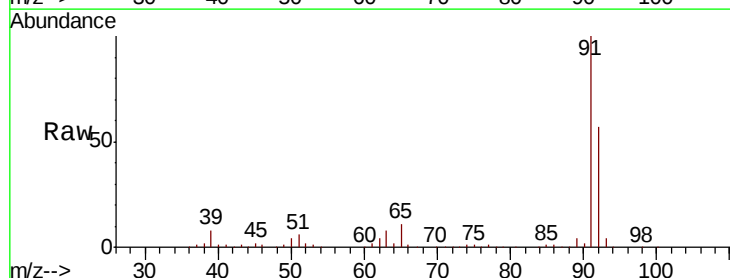
Acq: 09 Oct 2020 20:05

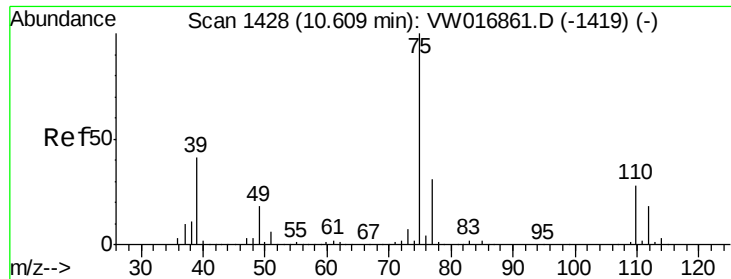
Tgt Ion: 92 Resp: 423069

Ion Ratio Lower Upper

92 100

91 170.0 134.7 202.1

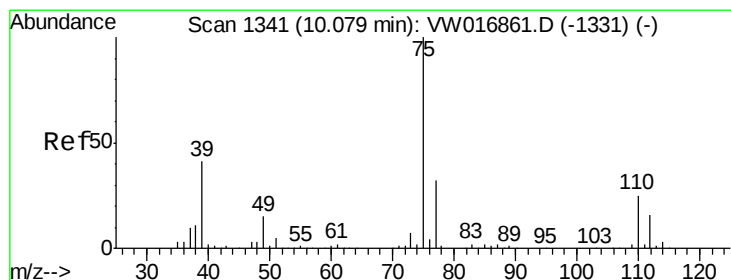
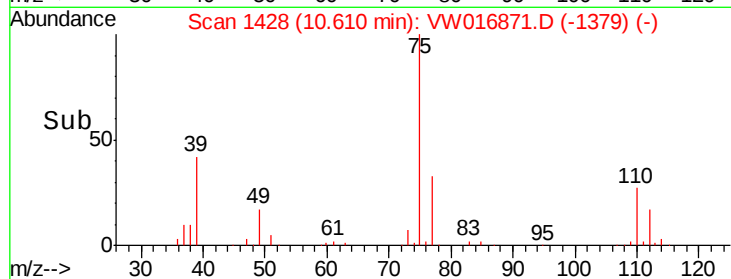
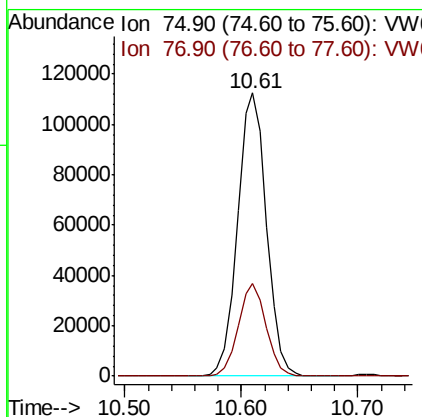
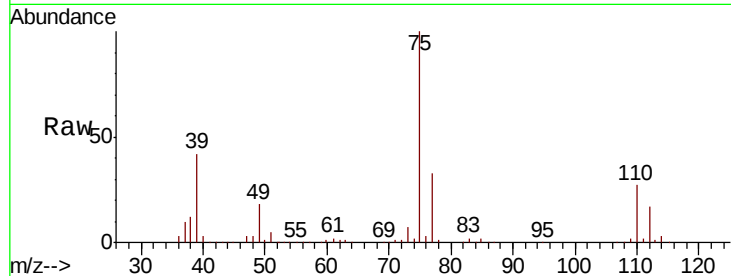




#53
t-1,3-Dichloropropene
Concen: 50.718 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

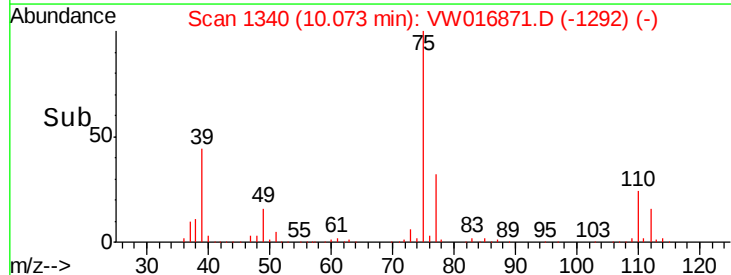
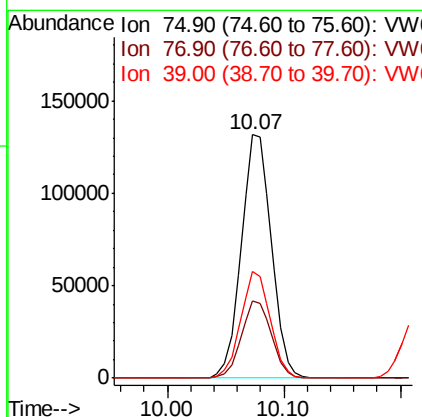
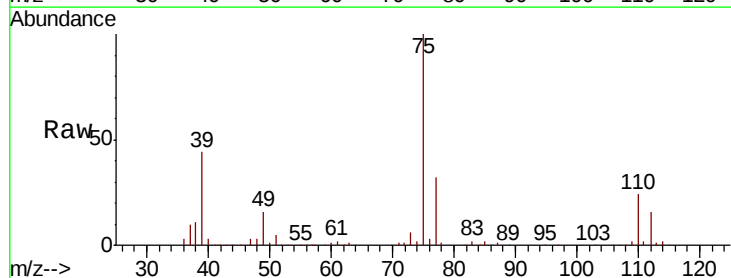
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

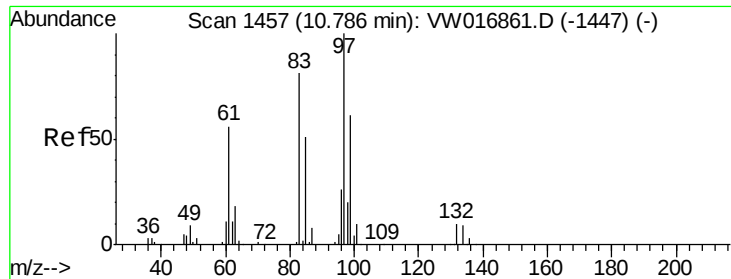
Tot Ion: 75 Resp: 193762
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2



#54
cis-1,3-Dichloropropene
Concen: 50.948 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 75 Resp: 237739
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 43.6 32.9 49.3

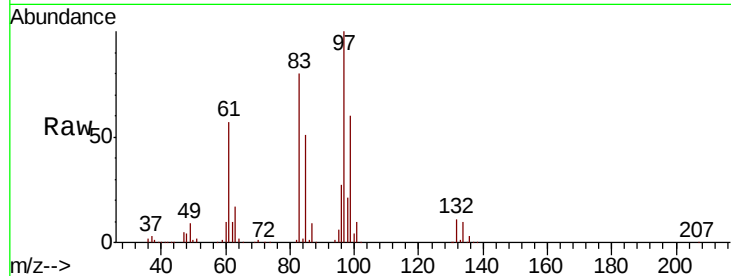




#55
 1,1,2-Trichloroethane
 Concen: 49.914 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	119910
Ion	Ratio	Lower	Upper
97	100		
83	79.5	64.6	97.0
85	51.0	40.6	61.0
99	59.7	49.0	73.6



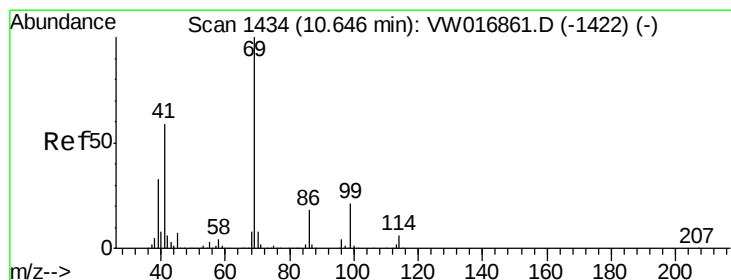
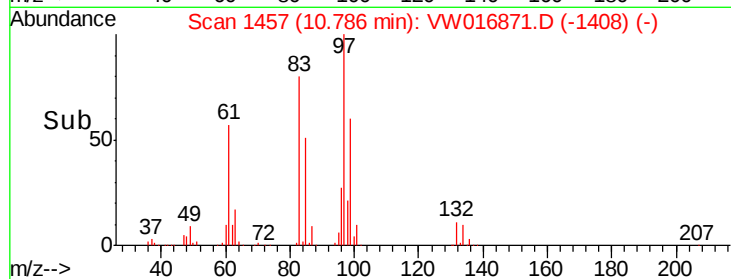
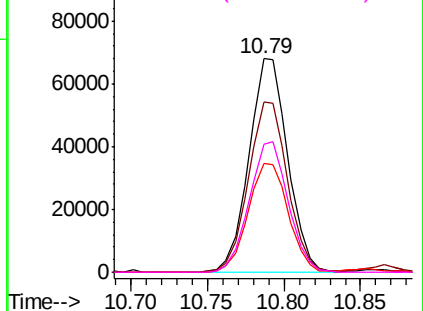
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

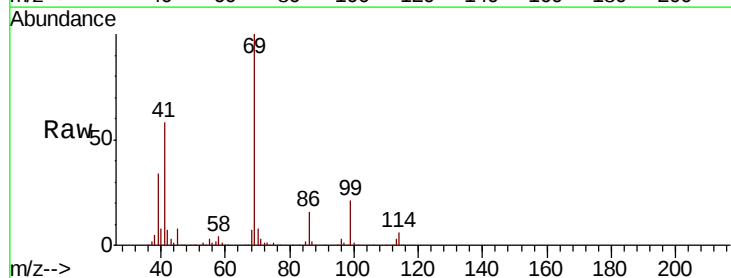
Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 52.901 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion:	69	Resp:	138252
Ion	Ratio	Lower	Upper
69	100		
41	57.3	46.3	69.5
39	32.5	25.9	38.9

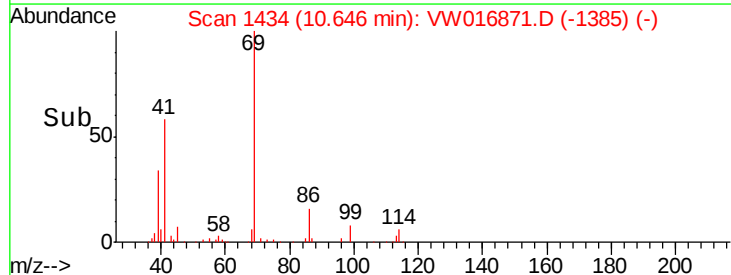
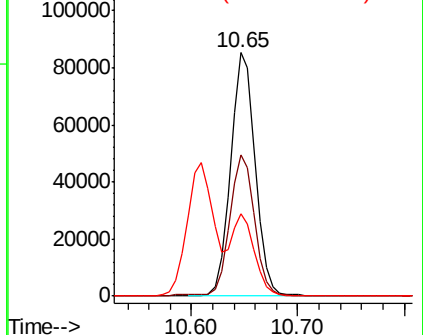


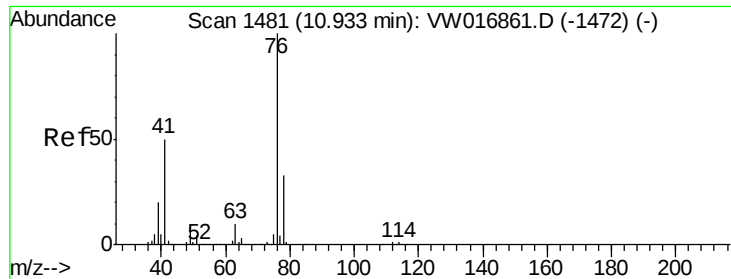
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

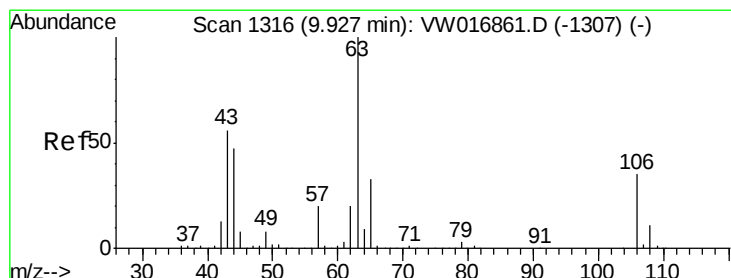
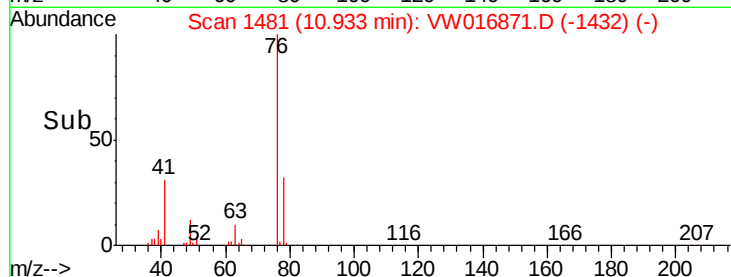
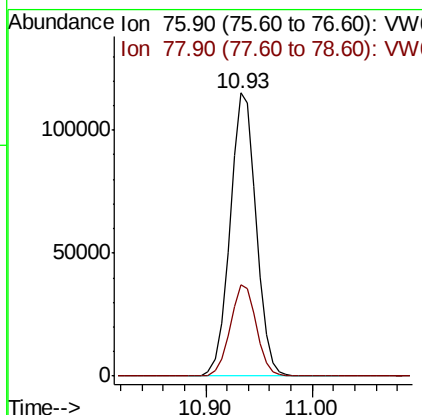
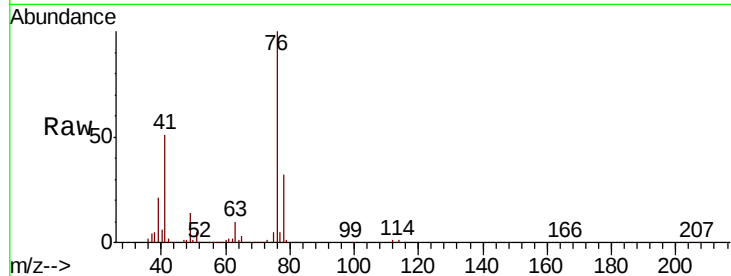




#57
 1,3-Dichloropropane
 Concen: 49.636 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

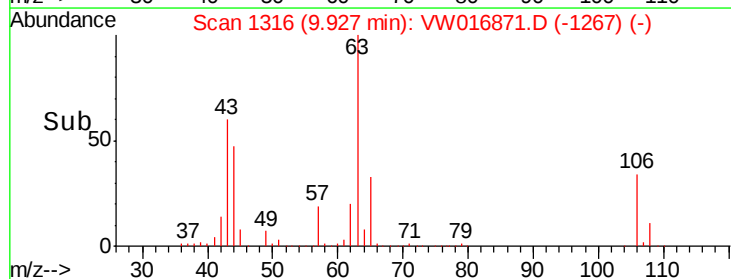
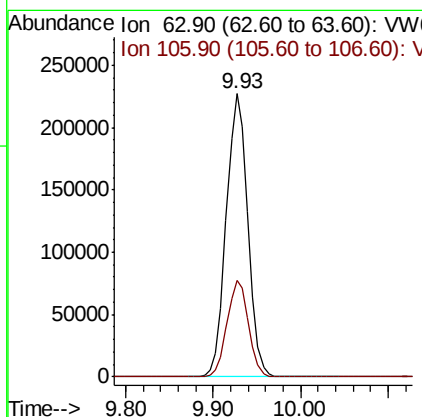
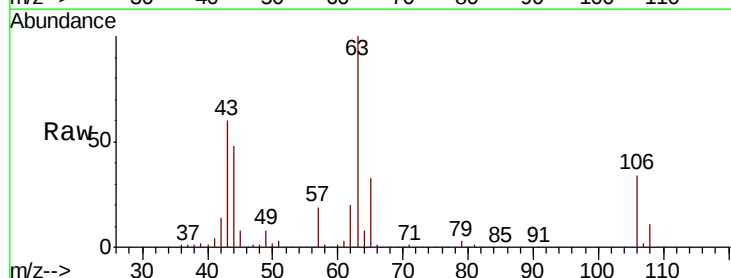
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

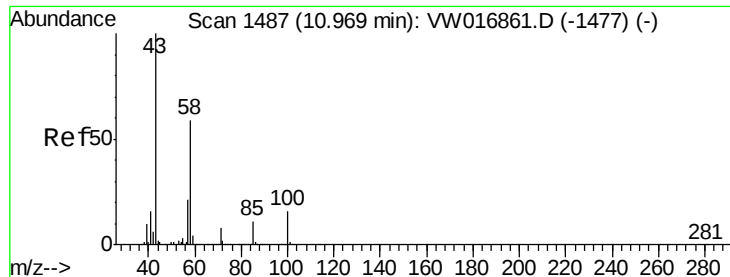
Tot Ion: 76 Resp: 197282
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 267.441 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion: 63 Resp: 387310
 Ion Ratio Lower Upper
 63 100
 106 33.9 27.0 40.4





#59

2-Hexanone

Concen: 265.351 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

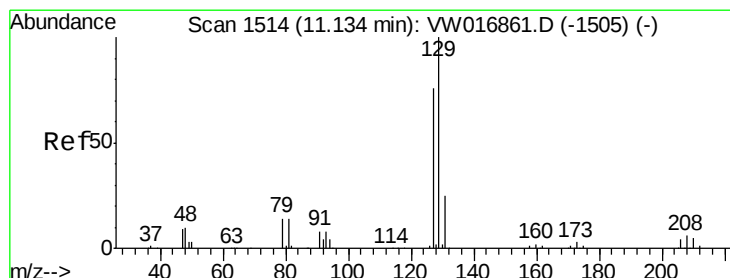
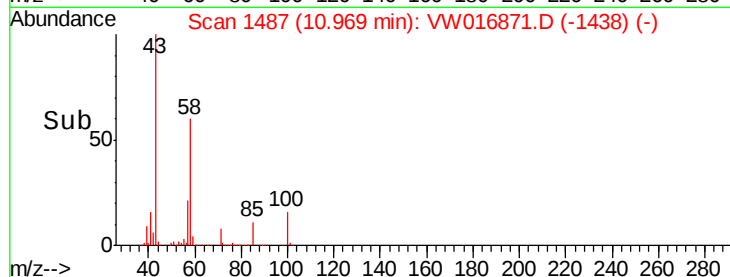
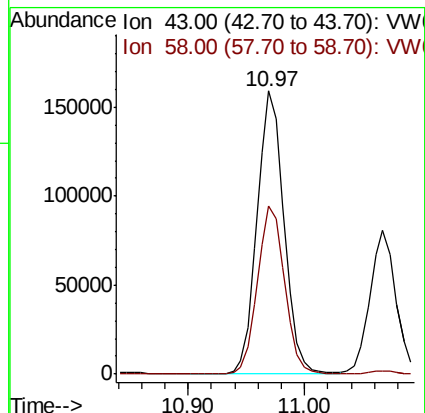
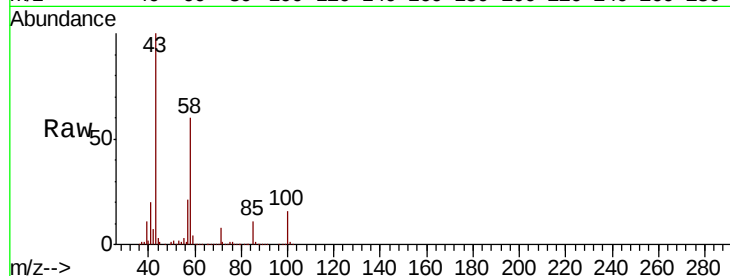
VSTDCCC050EC

Tot Ion: 43 Resp: 258157

Ion Ratio Lower Upper

43 100

58 60.0 29.5 88.5



#60

Dibromochloromethane

Concen: 50.638 ug/l

RT: 11.13 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VW016871.D

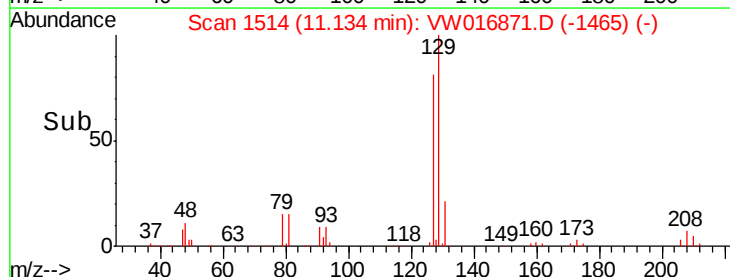
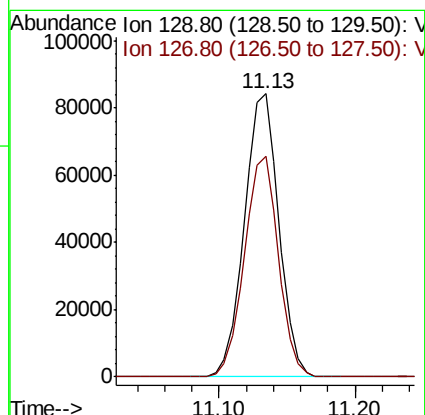
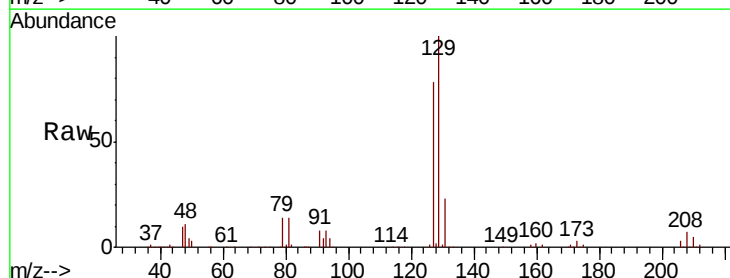
Acq: 09 Oct 2020 20:05

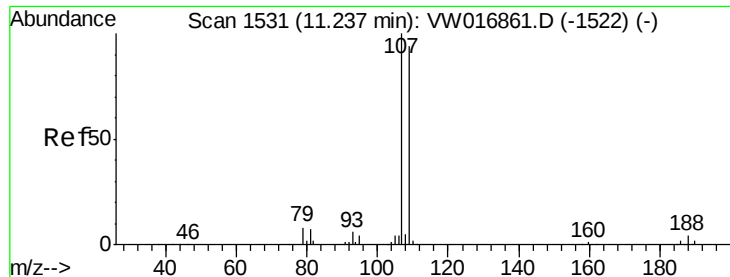
Tgt Ion: 129 Resp: 149209

Ion Ratio Lower Upper

129 100

127 77.3 38.9 116.6

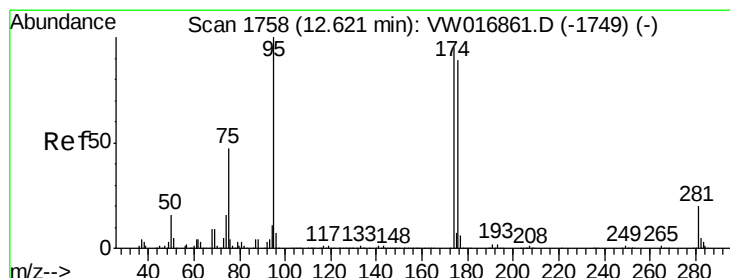
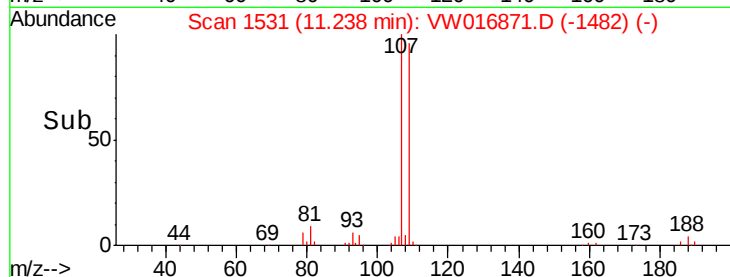
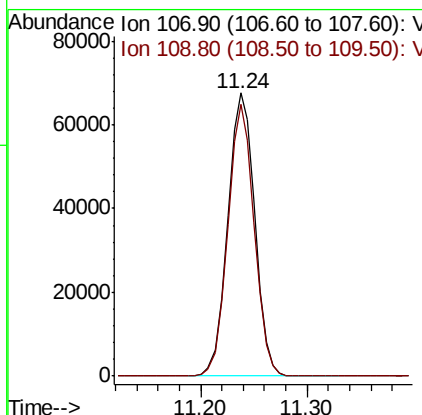
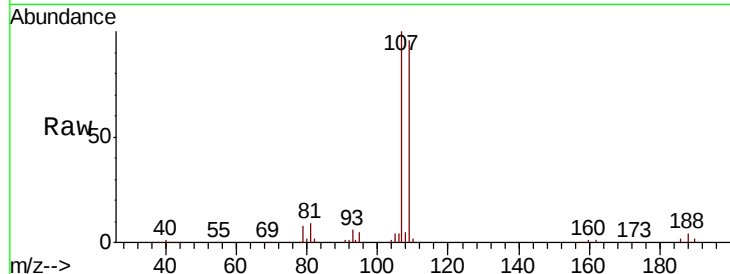




#61
1,2-Dibromoethane
Concen: 50.337 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

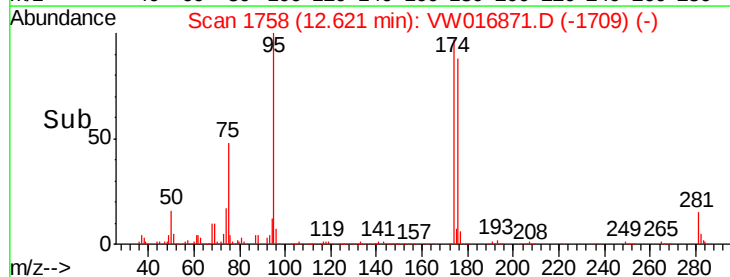
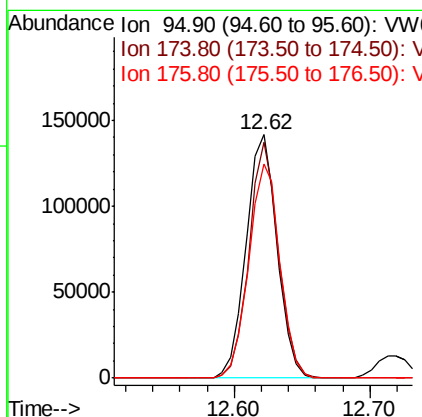
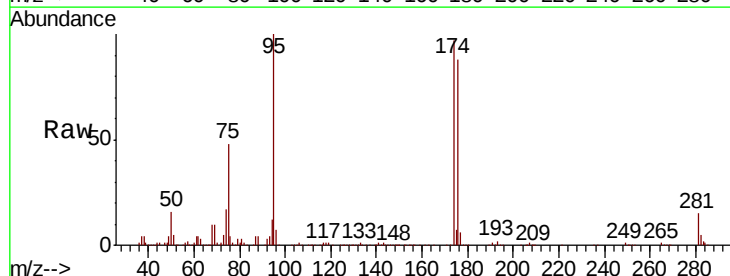
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

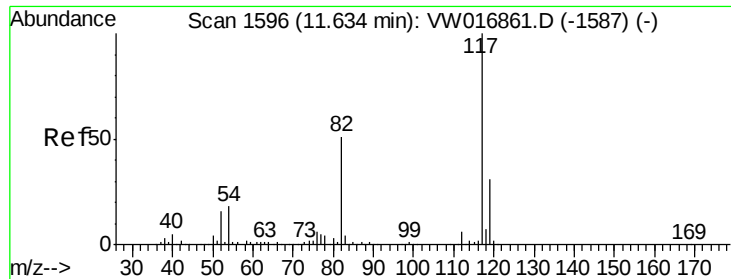
Tot Ion: 107 Resp: 119756
Ion Ratio Lower Upper
107 100
109 93.6 74.7 112.1



#62
4-Bromofluorobenzene
Concen: 53.185 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 95 Resp: 226415
Ion Ratio Lower Upper
95 100
174 92.0 0.0 180.6
176 88.5 0.0 177.6

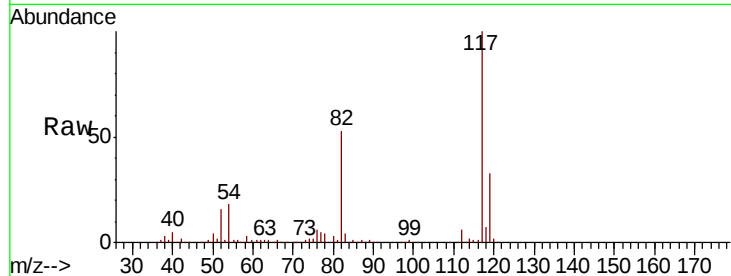




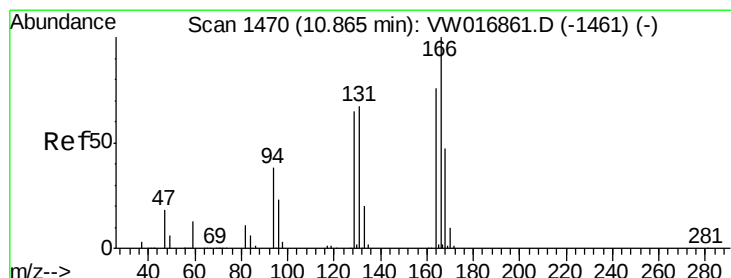
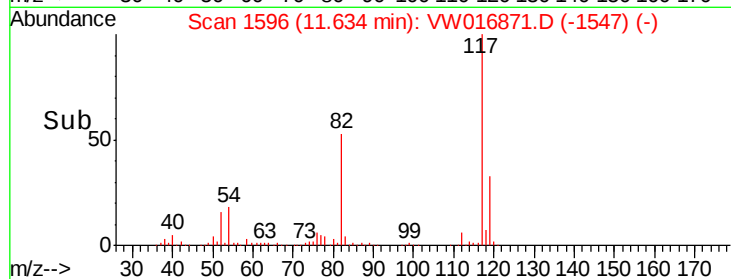
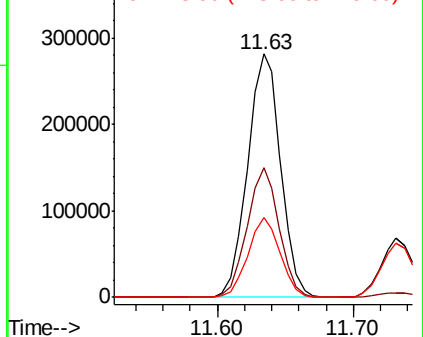
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 477356
Ion Ratio Lower Upper
117 100
82 53.5 40.7 61.1
119 32.7 25.0 37.4

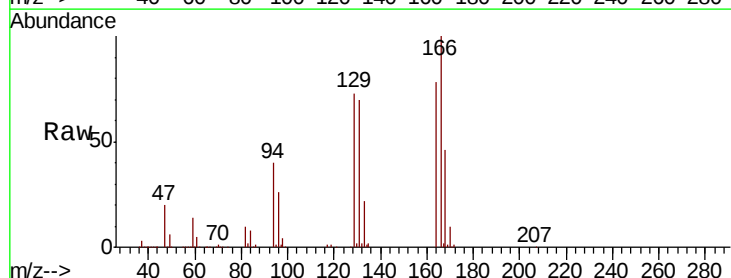


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

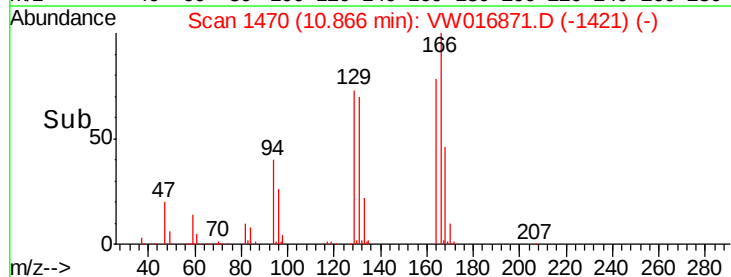
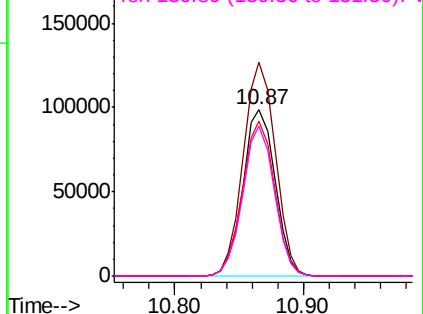


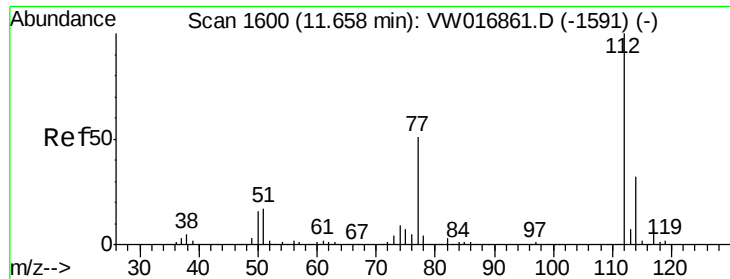
#64
Tetrachloroethene
Concen: 50.221 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion:164 Resp: 170802
Ion Ratio Lower Upper
164 100
166 128.4 105.3 157.9
129 93.2 68.8 103.2
131 89.9 71.0 106.6



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

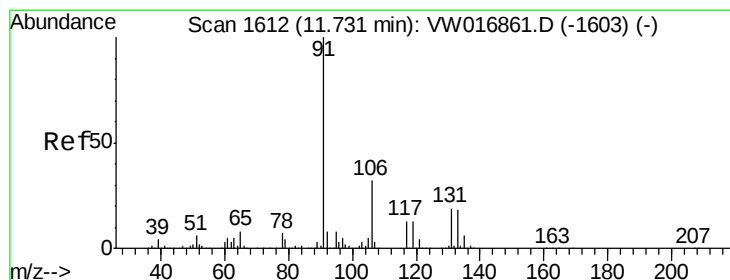
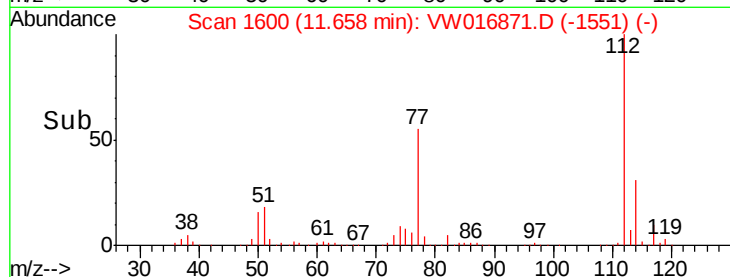
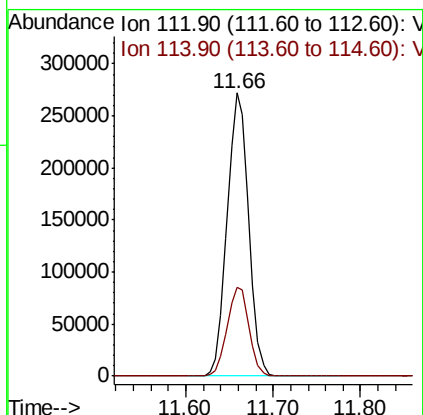
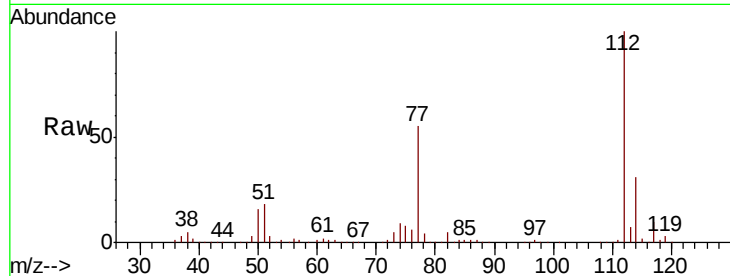




#65
Chlorobenzene
Concen: 49.477 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

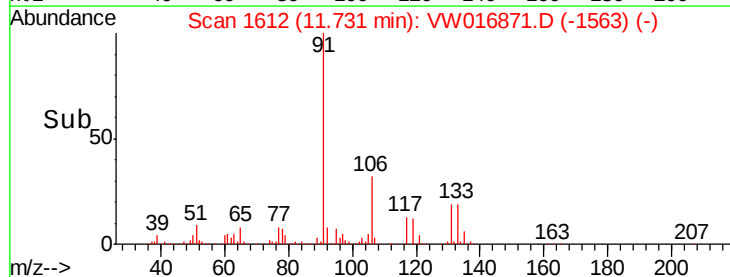
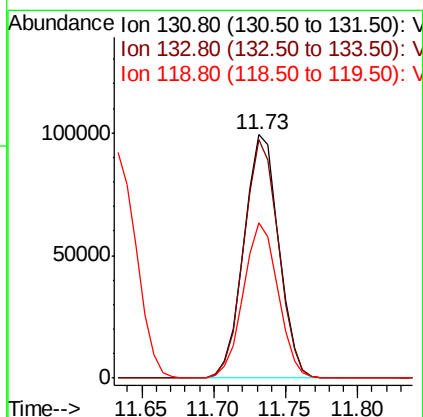
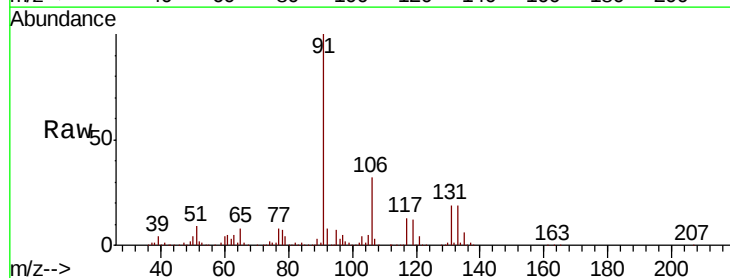
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

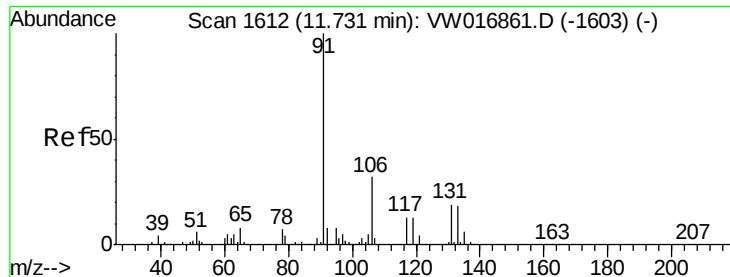
Tot Ion:112 Resp: 463253
Ion Ratio Lower Upper
112 100
114 31.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.152 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion:131 Resp: 166064
Ion Ratio Lower Upper
131 100
133 97.3 48.1 144.3
119 63.4 32.5 97.4

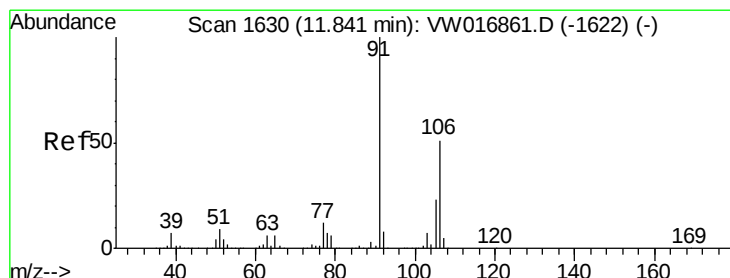
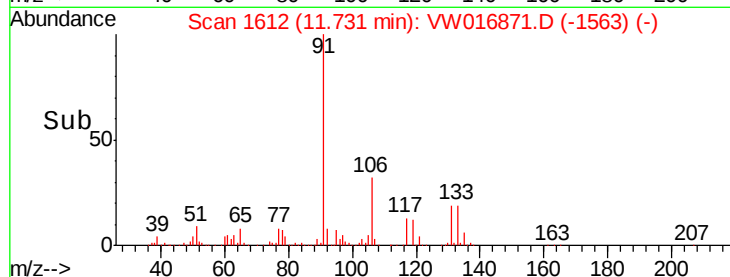
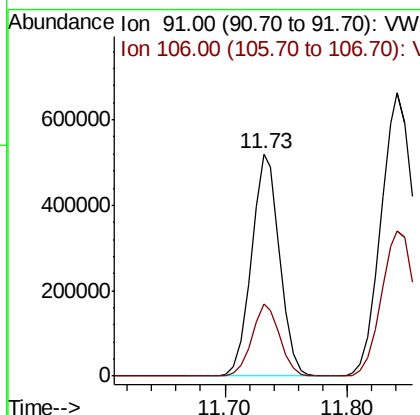
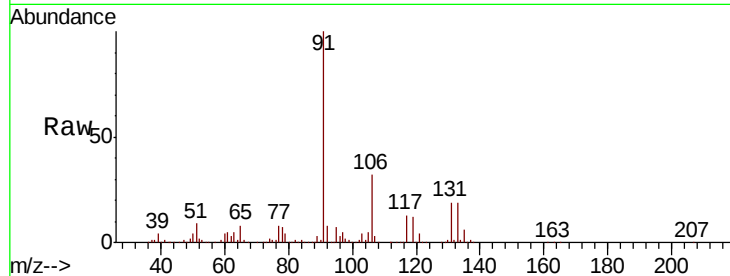




#67
Ethyl Benzene
Concen: 50.802 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

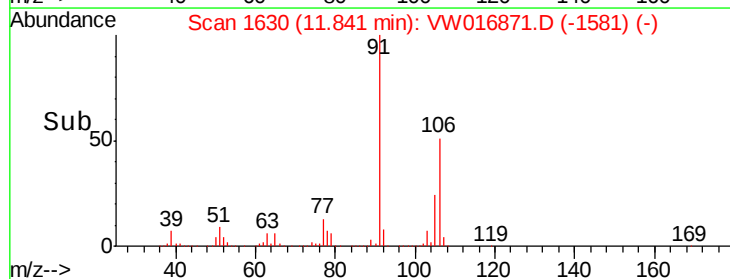
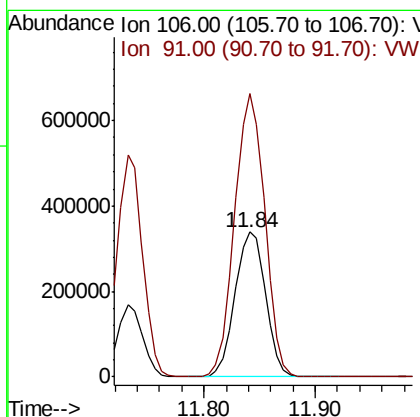
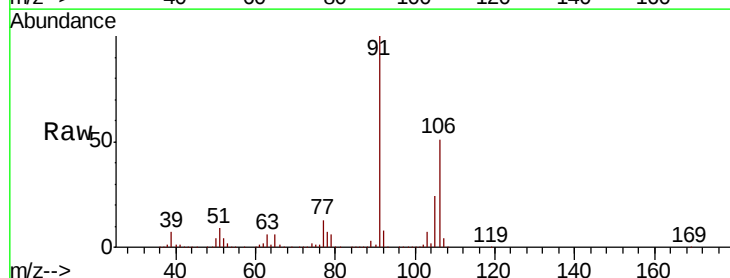
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

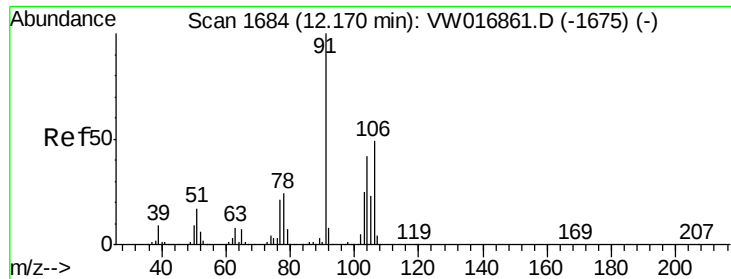
Tot Ion: 91 Resp: 828872
Ion Ratio Lower Upper
91 100
106 32.5 25.9 38.9



#68
m/p-Xylenes
Concen: 100.908 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 106 Resp: 640323
Ion Ratio Lower Upper
106 100
91 194.1 157.4 236.0

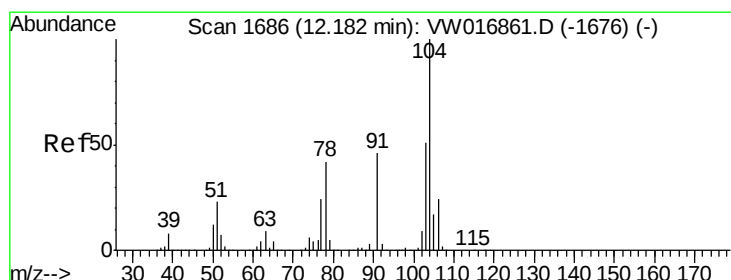
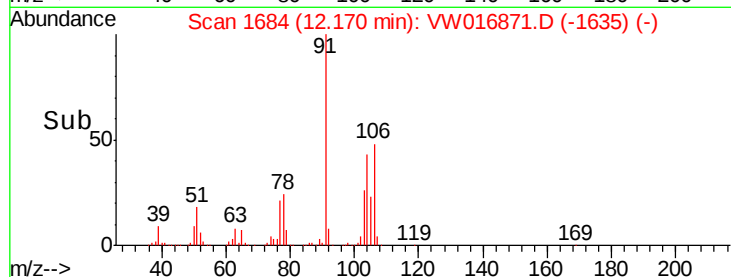
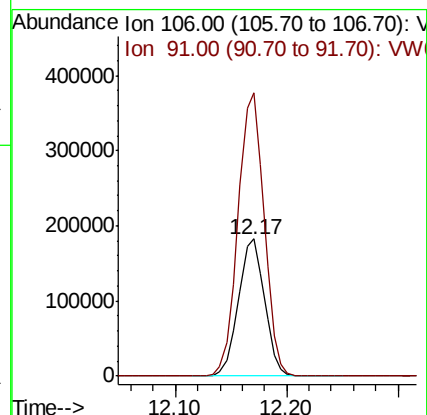
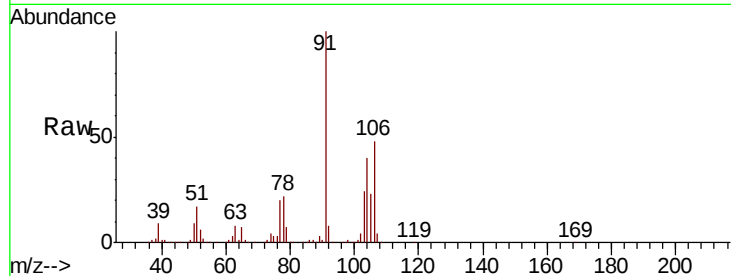




#69
o-Xylene
Concen: 50.868 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

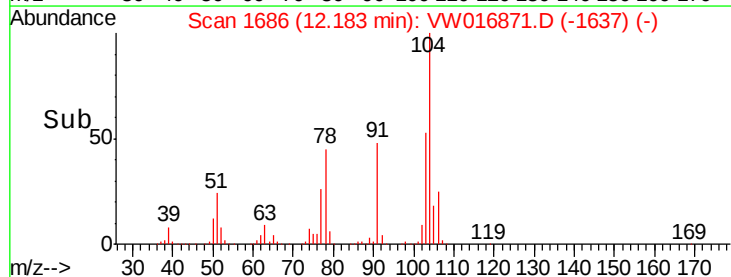
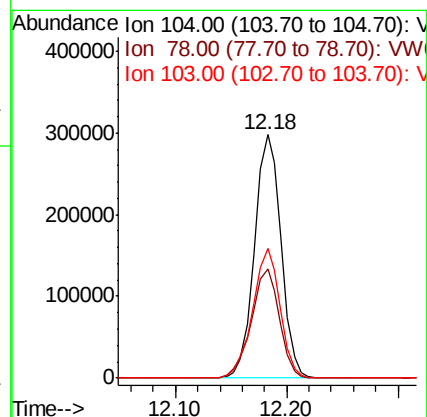
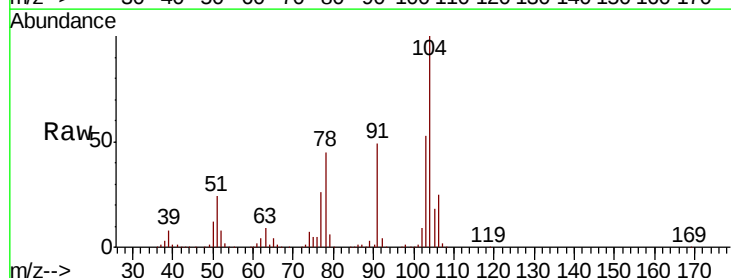
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

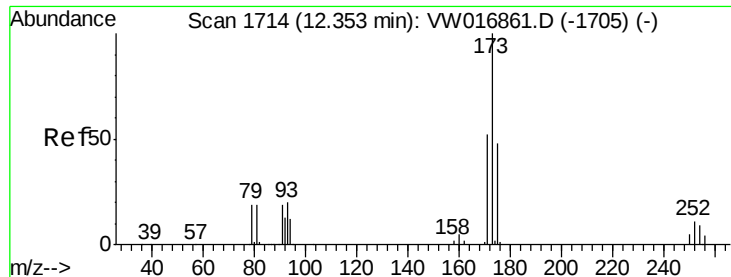
Tot Ion:106 Resp: 296215
Ion Ratio Lower Upper
106 100
91 206.5 103.6 310.9



#70
Styrene
Concen: 50.920 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion:104 Resp: 493502
Ion Ratio Lower Upper
104 100
78 47.6 37.6 56.4
103 55.0 43.6 65.4





#71

Bromoform

Concen: 52.456 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

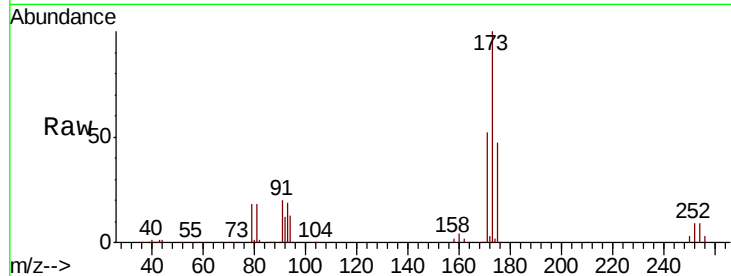
Tot Ion:173 Resp: 87200

Ion Ratio Lower Upper

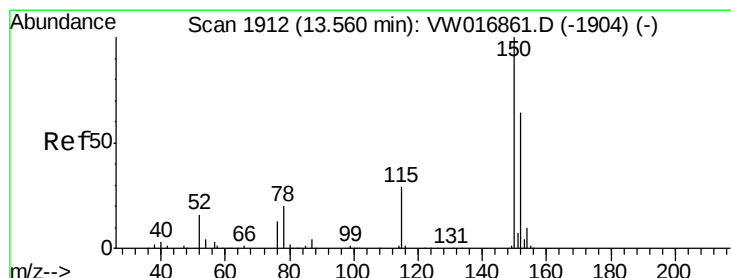
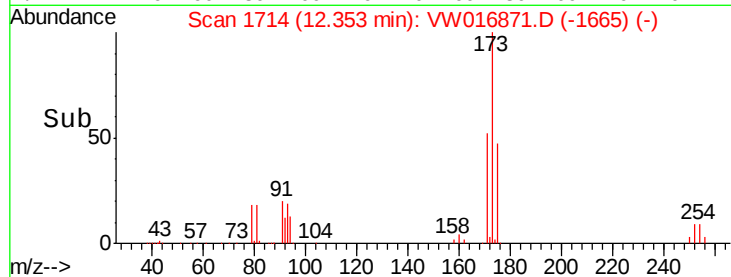
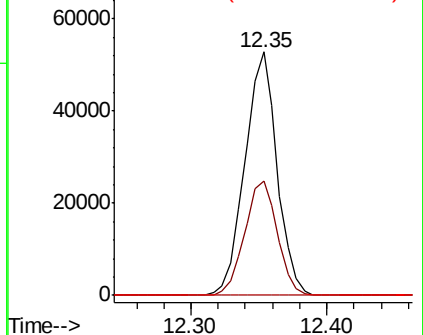
173 100

175 47.9 24.7 74.1

254 0.1 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: VW016871.D

Acq: 09 Oct 2020 20:05

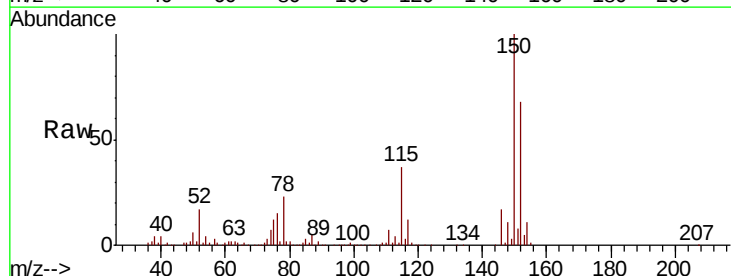
Tgt Ion:152 Resp: 242138

Ion Ratio Lower Upper

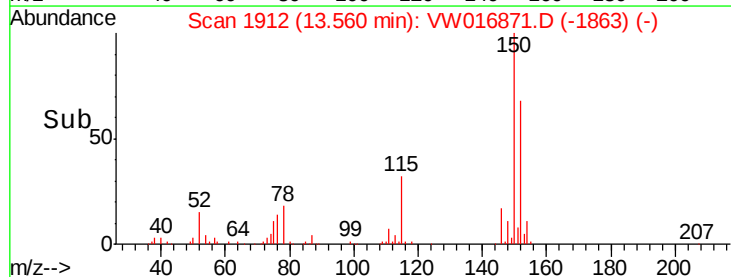
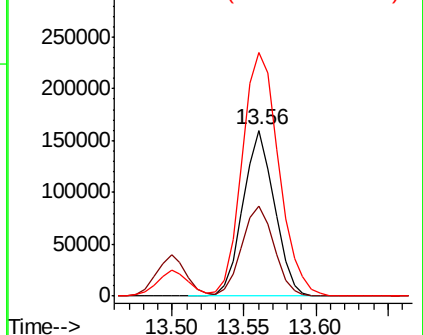
152 100

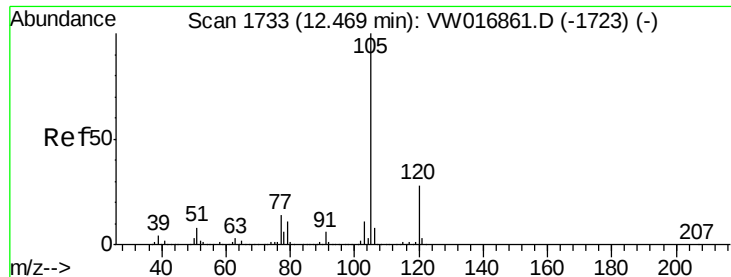
115 55.4 27.9 83.7

150 171.5 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: 52.023 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

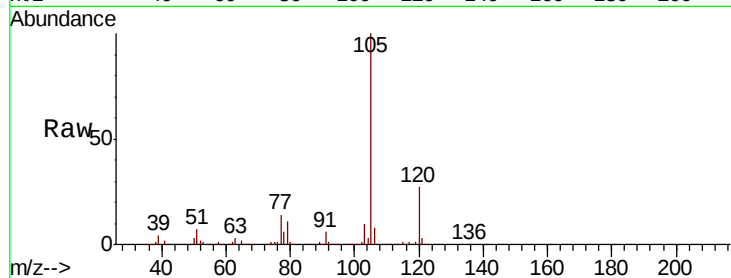
VSTDCCC050EC

Tot Ion:105 Resp: 837268

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

12.47

600000

500000

400000

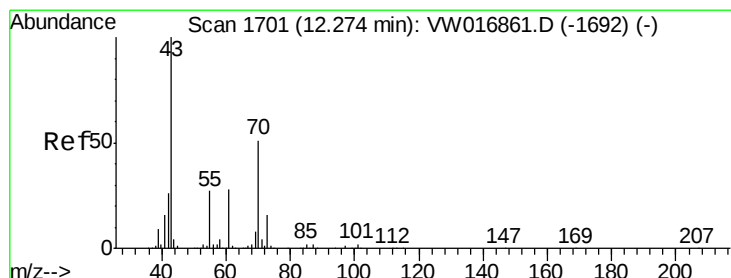
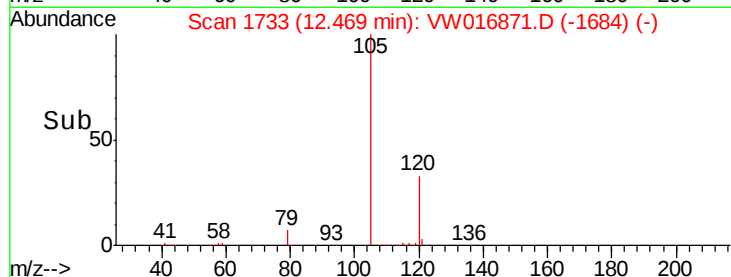
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 52.778 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Tgt Ion: 43 Resp: 136437

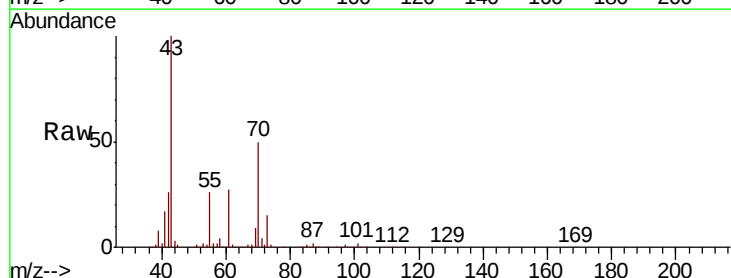
Ion Ratio Lower Upper

43 100

70 51.0 40.2 60.4

55 27.2 21.4 32.0

61 26.9 21.4 32.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

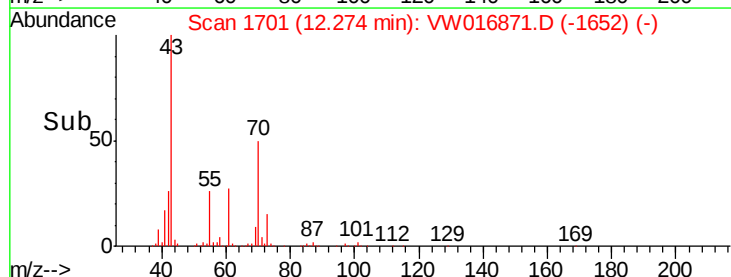
12.27

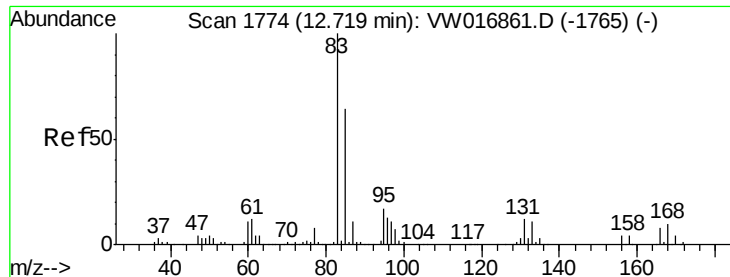
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 51.497 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

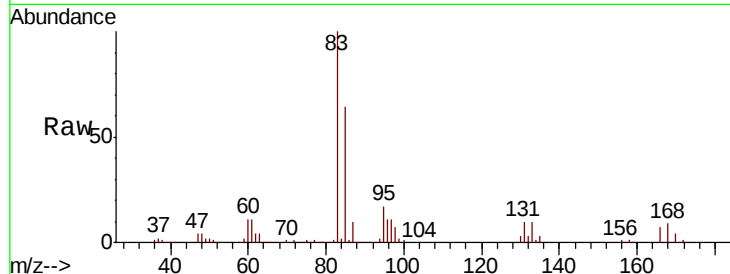
Tot Ion: 83 Resp: 130039

Ion Ratio Lower Upper

83 100

131 12.2 6.1 18.3

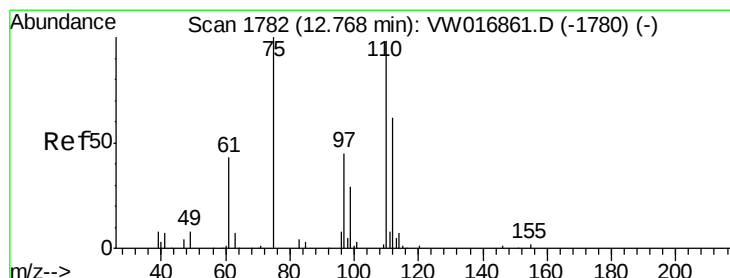
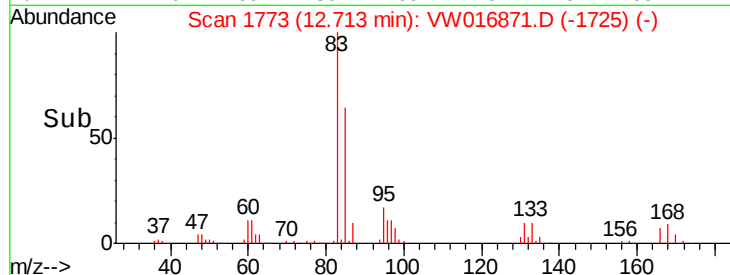
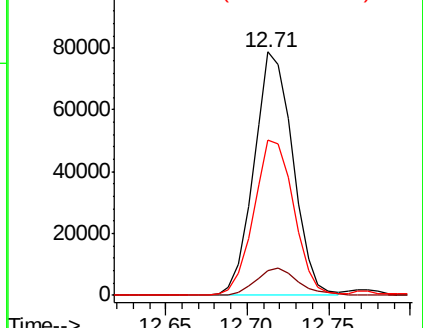
85 65.6 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 89.782 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW016871.D

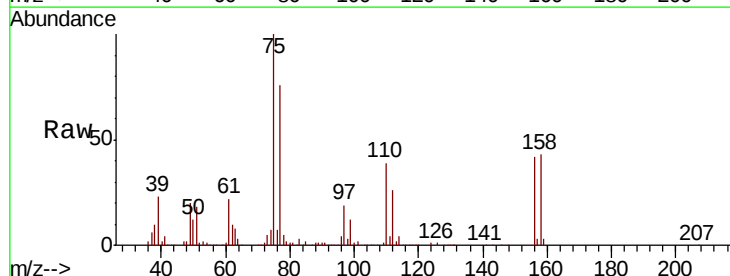
Acq: 09 Oct 2020 20:05

Tgt Ion: 75 Resp: 162213

Ion Ratio Lower Upper

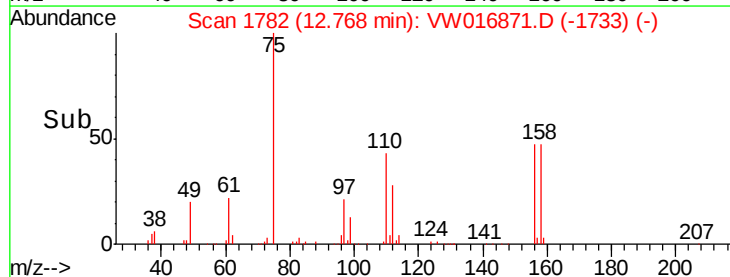
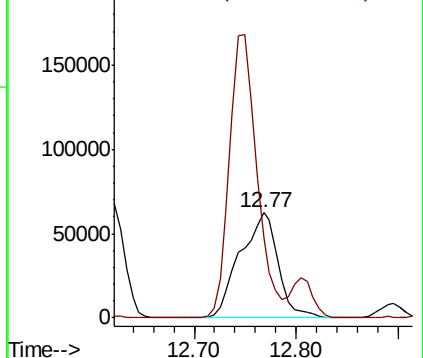
75 100

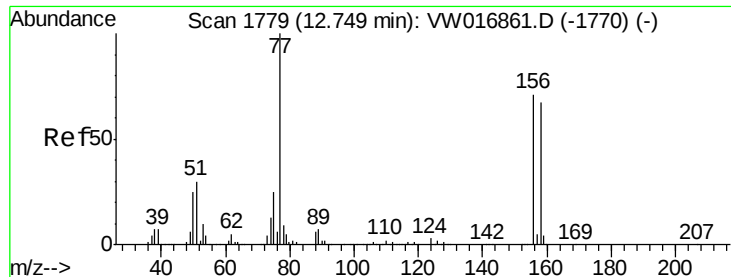
77 194.4 178.8 536.3



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.298 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

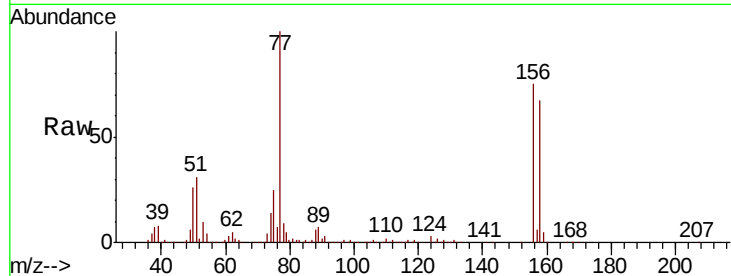
Tot Ion:156 Resp: 204081

Ion Ratio Lower Upper

156 100

77 154.5 79.0 237.2

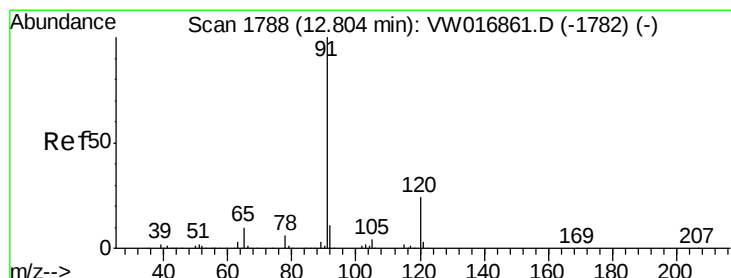
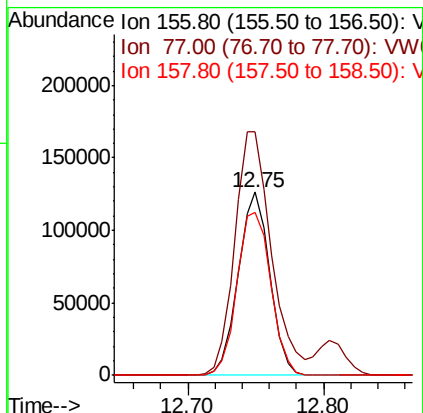
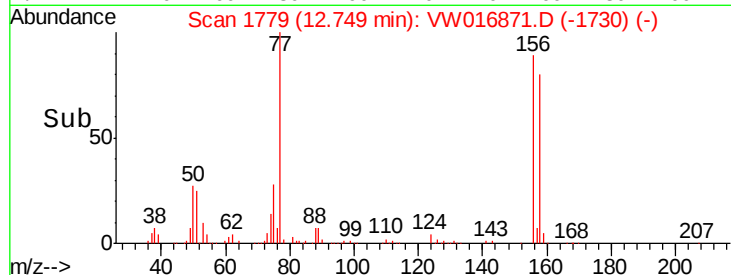
158 95.6 47.0 141.2



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: 51.379 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW016871.D

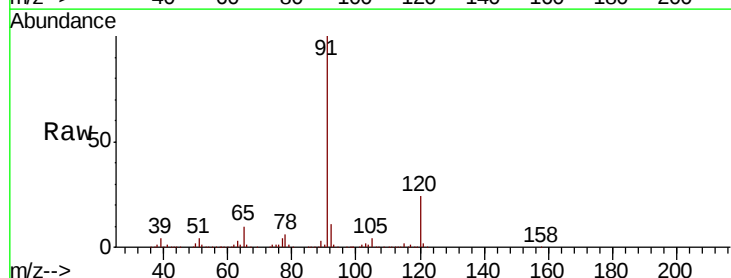
Acq: 09 Oct 2020 20:05

Tgt Ion: 91 Resp: 953625

Ion Ratio Lower Upper

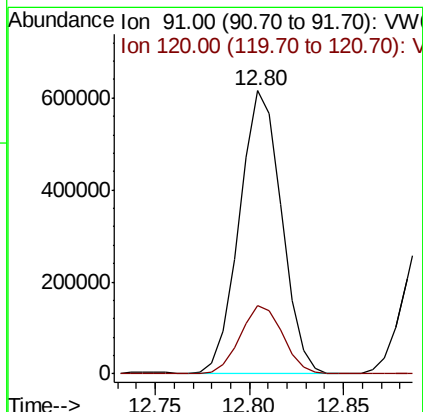
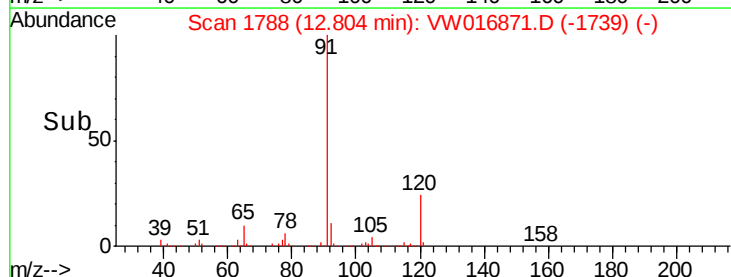
91 100

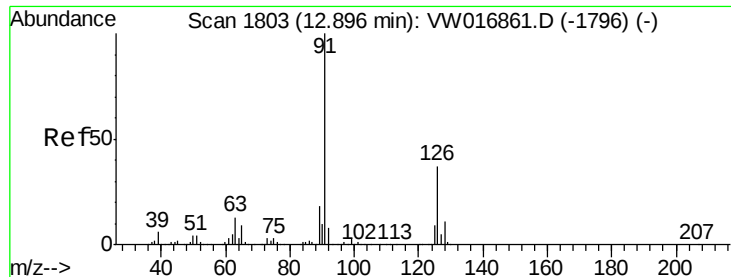
120 24.4 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.763 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

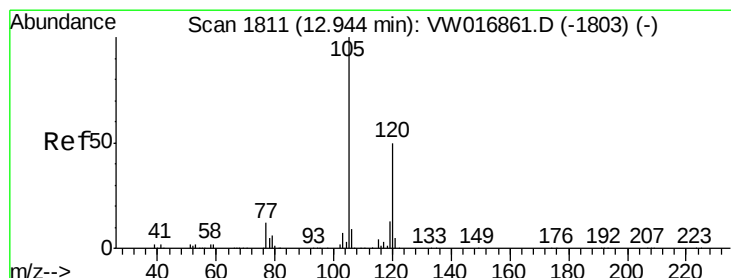
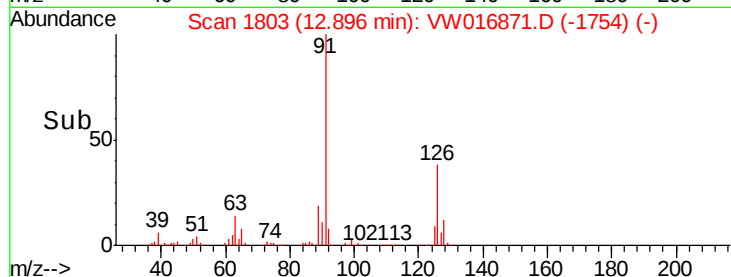
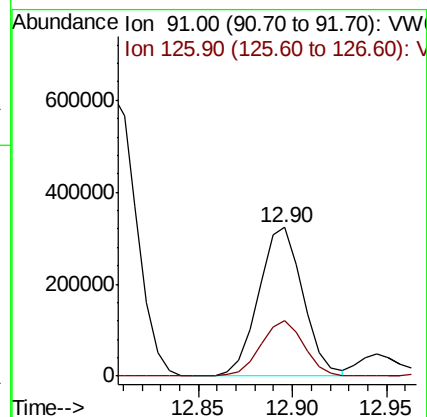
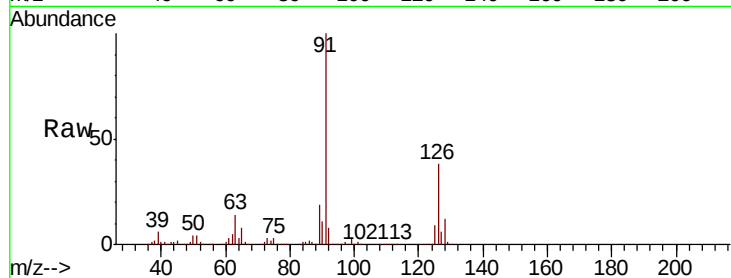
VSTDCCC050EC

Tot Ion: 91 Resp: 526887

Ion Ratio Lower Upper

91 100

126 36.6 17.9 53.8



#80

1,3,5-Trimethylbenzene

Concen: 51.724 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016871.D

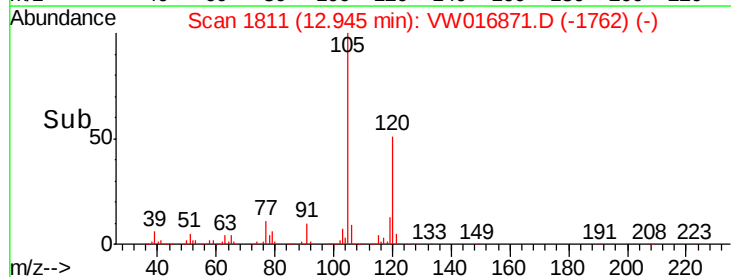
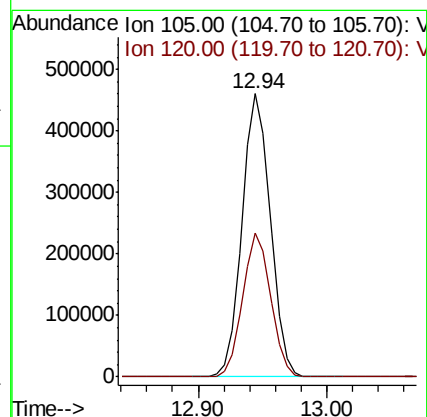
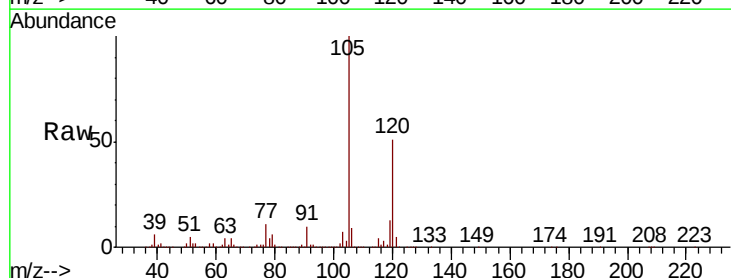
Acq: 09 Oct 2020 20:05

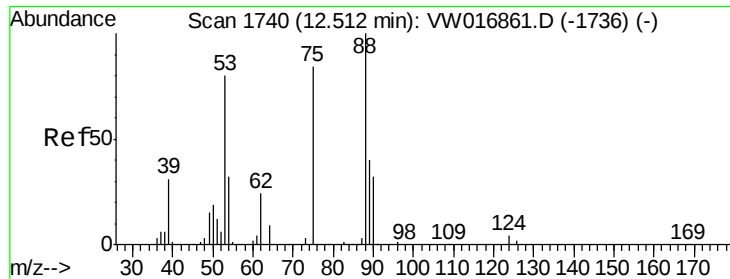
Tgt Ion:105 Resp: 697635

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.8

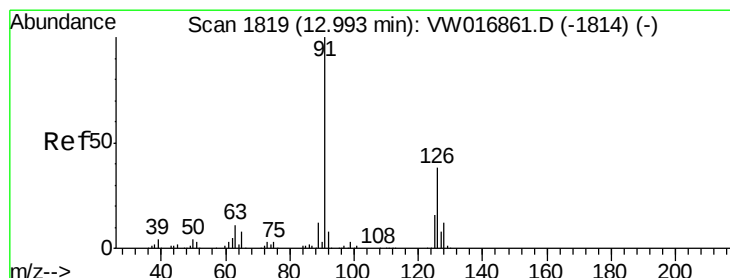
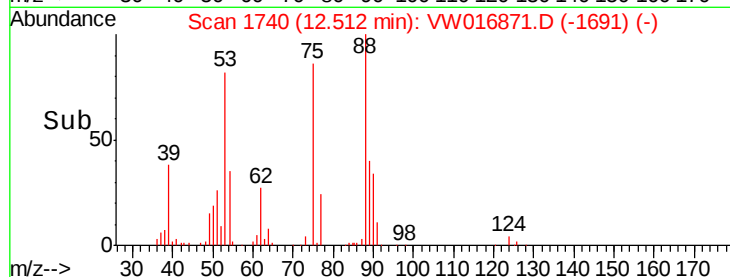
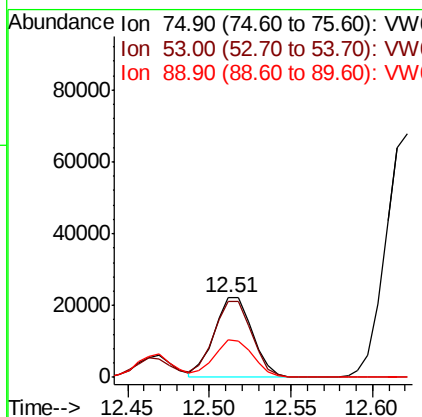
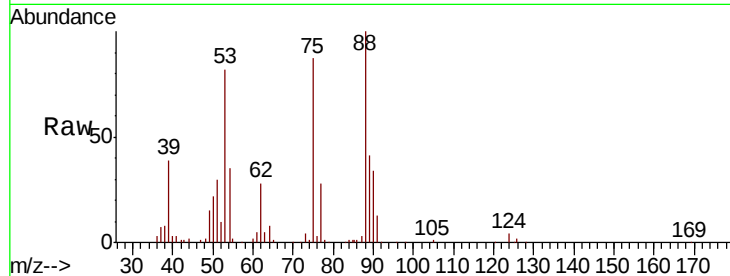




#81
trans-1,4-Dichloro-2-butene
Concen: 54.535 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

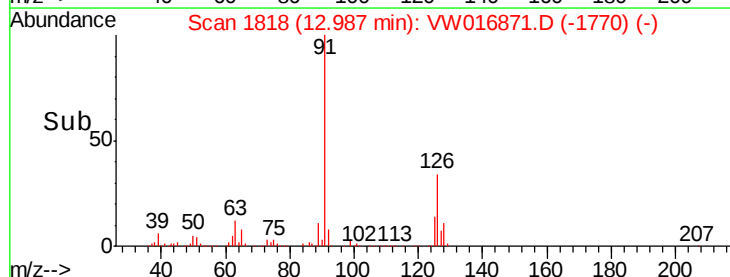
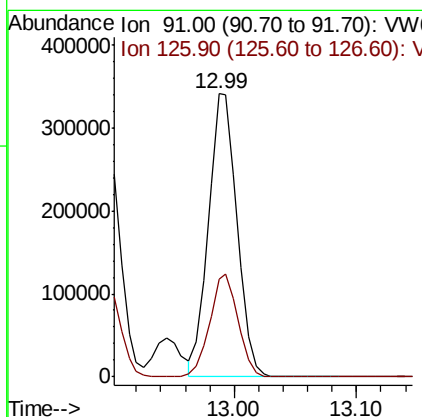
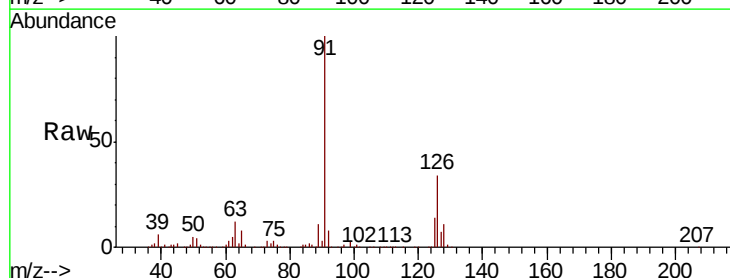
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

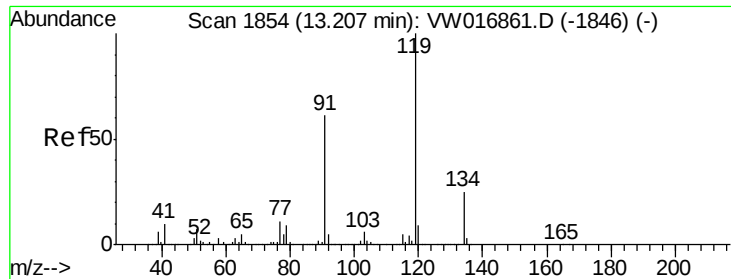
Tot Ion: 75 Resp: 36657
Ion Ratio Lower Upper
75 100
53 95.3 77.0 115.4
89 47.3 38.7 58.1



#82
4-Chlorotoluene
Concen: 50.560 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion: 91 Resp: 552629
Ion Ratio Lower Upper
91 100
126 36.0 18.1 54.3

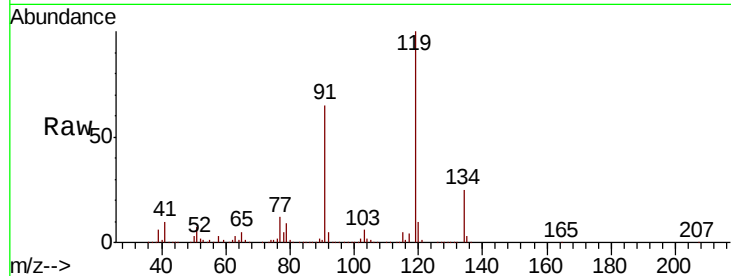




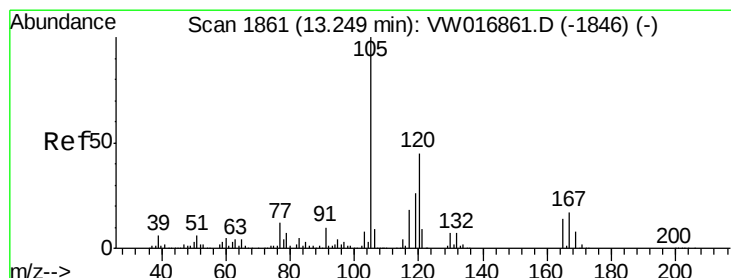
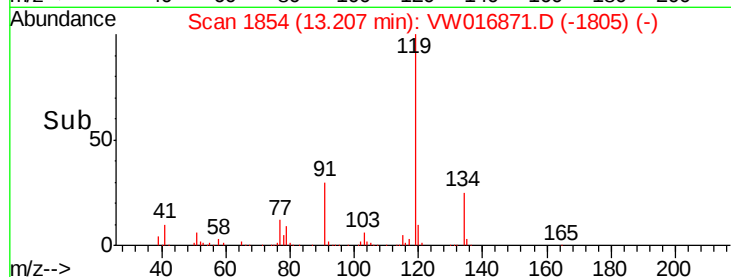
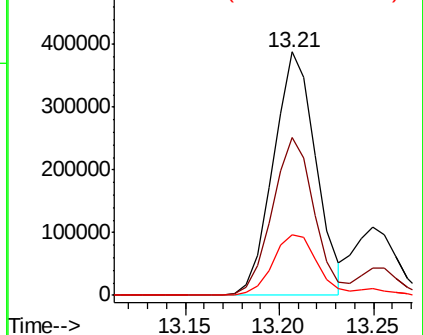
#83
tert-Butylbenzene
Concen: 51.795 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 606745
Ion Ratio Lower Upper
119 100
91 64.4 31.3 93.9
134 26.0 14.0 42.0

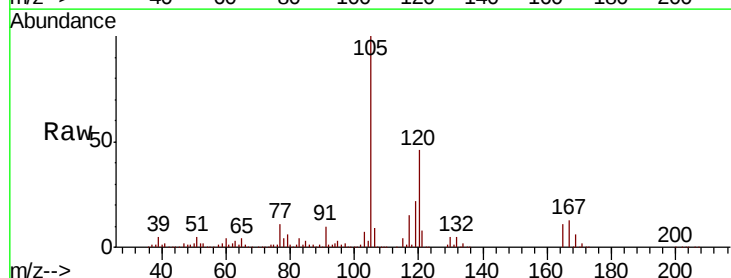


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

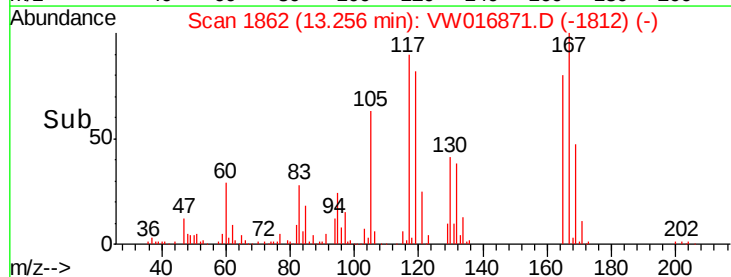
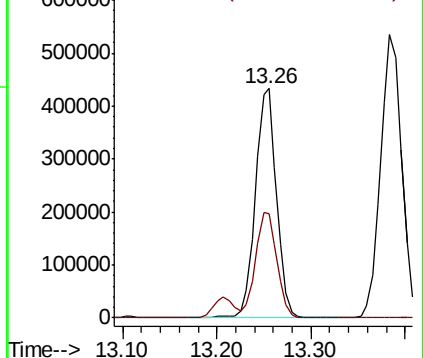


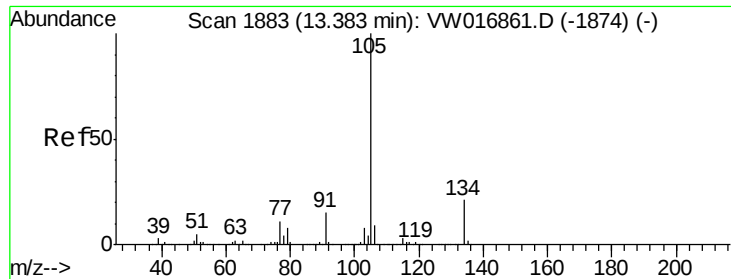
#84
1,2,4-Trimethylbenzene
Concen: 50.971 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion:105 Resp: 685028
Ion Ratio Lower Upper
105 100
120 46.4 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.800 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

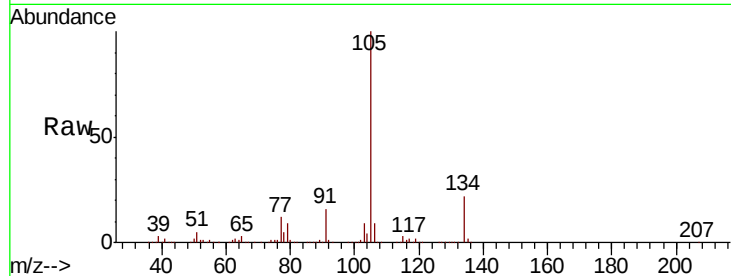
VSTDCCC050EC

Tot Ion:105 Resp: 828324

Ion Ratio Lower Upper

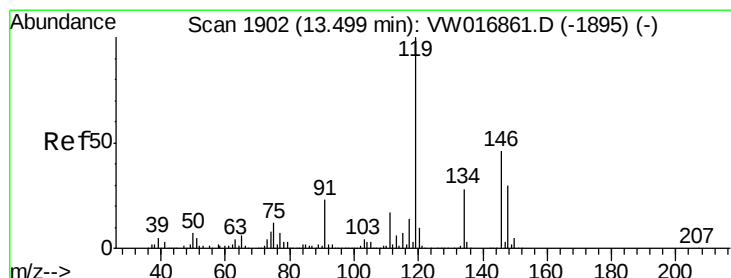
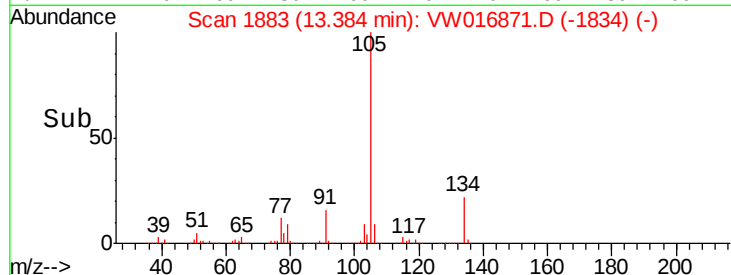
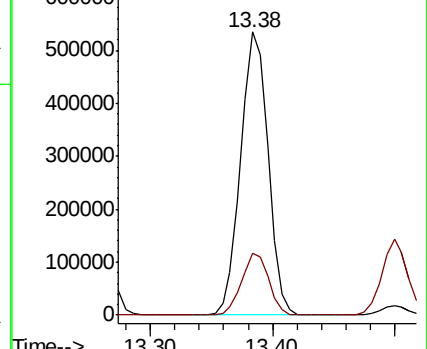
105 100

134 21.4 10.6 31.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.429 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

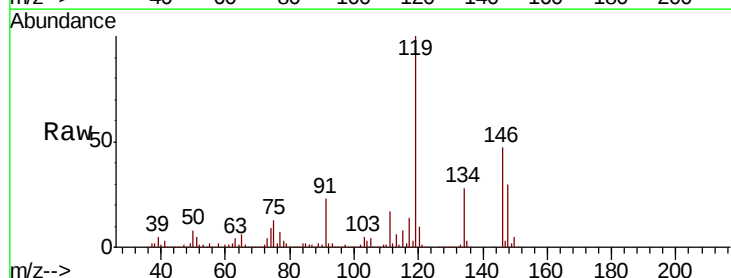
Tgt Ion:119 Resp: 780862

Ion Ratio Lower Upper

119 100

134 26.7 13.8 41.3

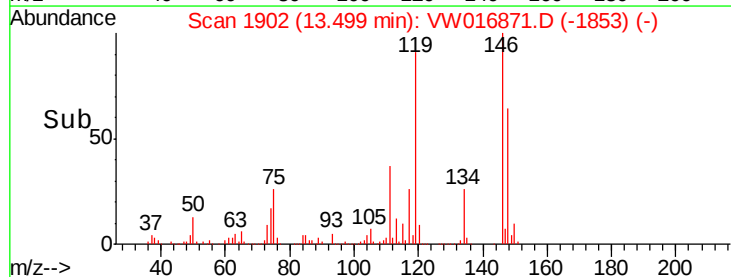
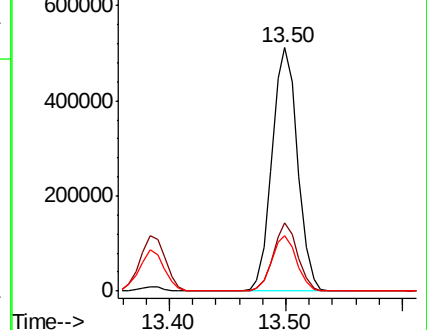
91 22.2 11.3 33.9

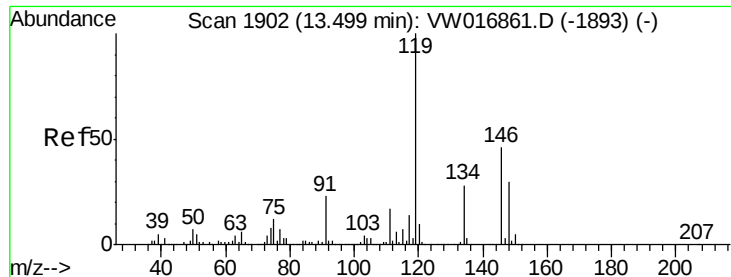


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

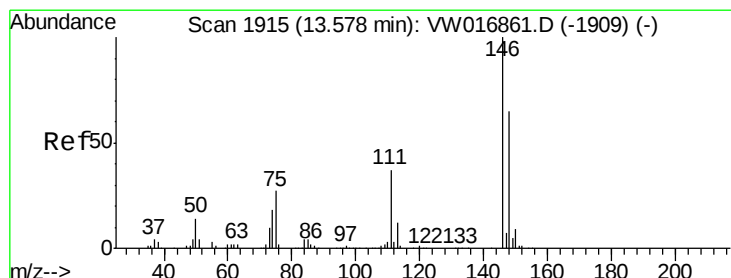
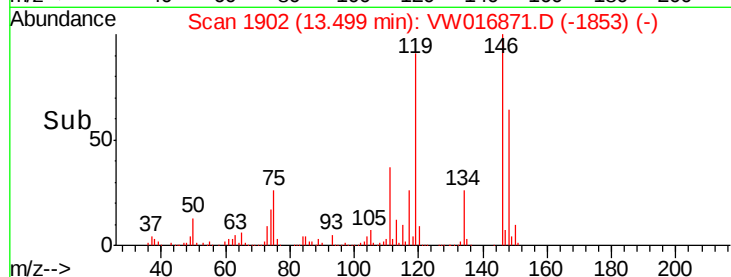
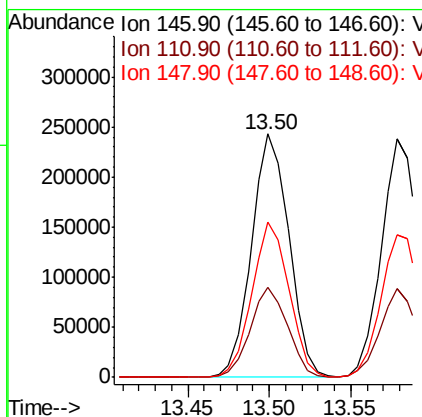
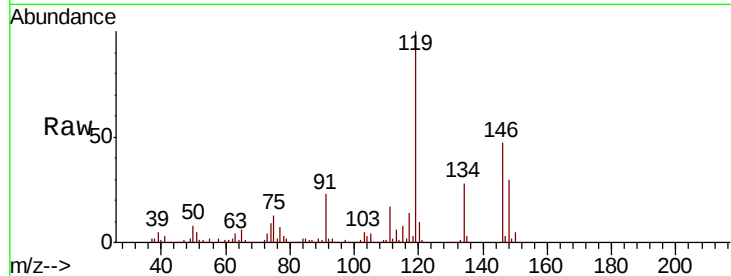




#87
 1,3-Dichlorobenzene
 Concen: 50.584 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

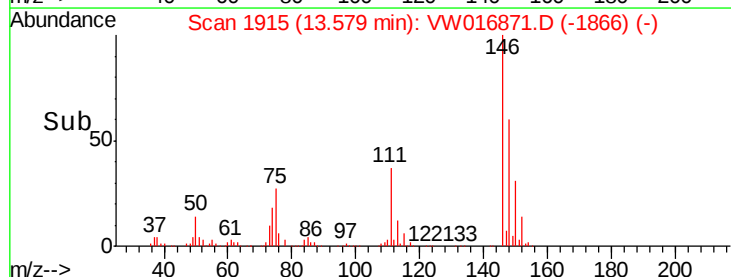
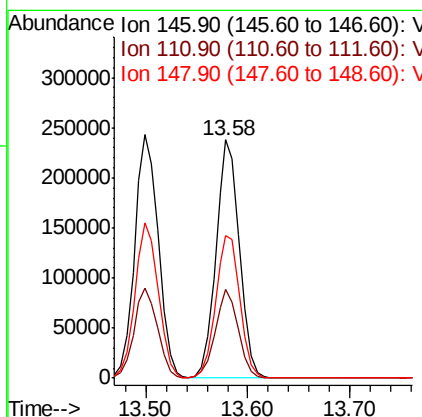
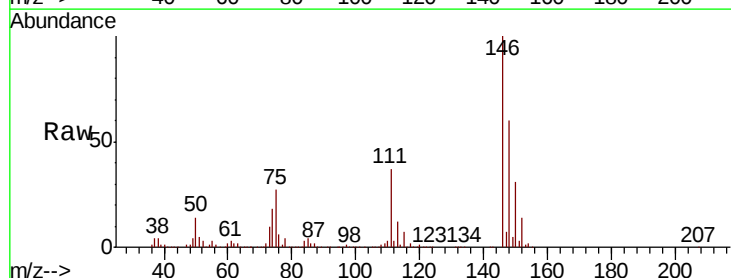
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

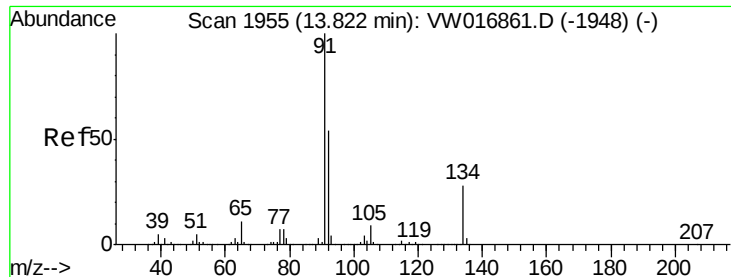
Tot Ion:146 Resp: 389159
 Ion Ratio Lower Upper
 146 100
 111 36.8 19.1 57.5
 148 63.1 32.5 97.4



#88
 1,4-Dichlorobenzene
 Concen: 50.156 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion:146 Resp: 380247
 Ion Ratio Lower Upper
 146 100
 111 36.7 18.5 55.5
 148 62.1 31.8 95.4





#89

n-Butylbenzene

Concen: 50.068 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016871.D

Acq: 09 Oct 2020 20:05

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

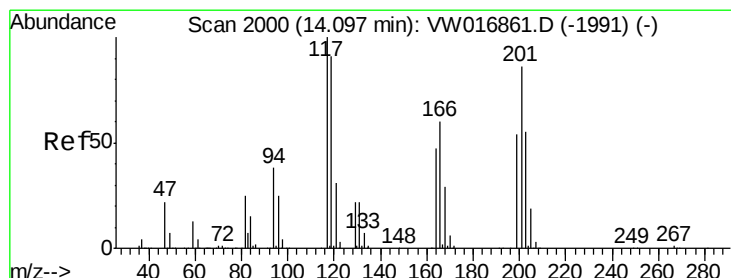
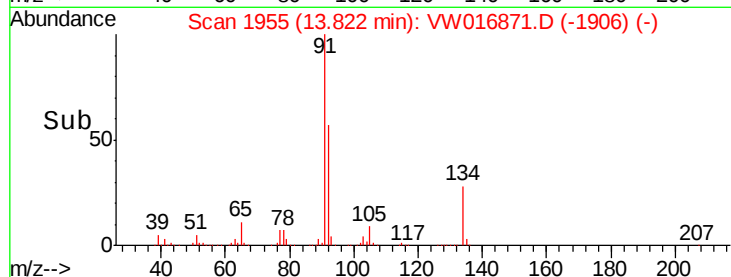
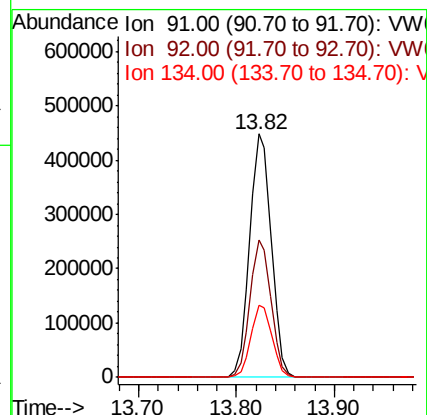
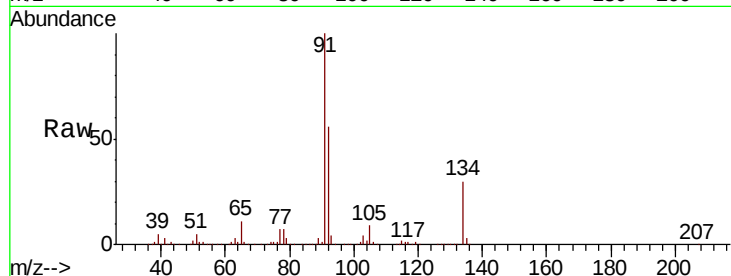
Tot Ion: 91 Resp: 684843

Ion Ratio Lower Upper

91 100

92 55.2 26.6 79.7

134 29.0 14.3 42.9



#90

Hexachloroethane

Concen: 52.051 ug/l

RT: 14.10 min Scan# 2000

Delta R.T. 0.00 min

Lab File: VW016871.D

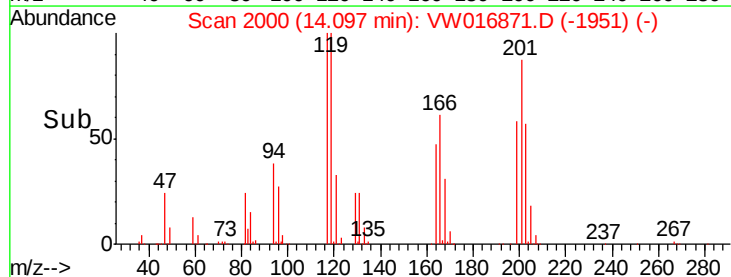
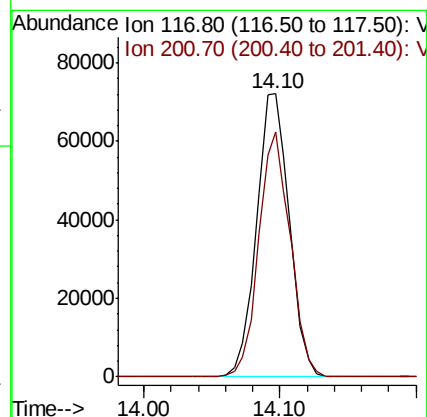
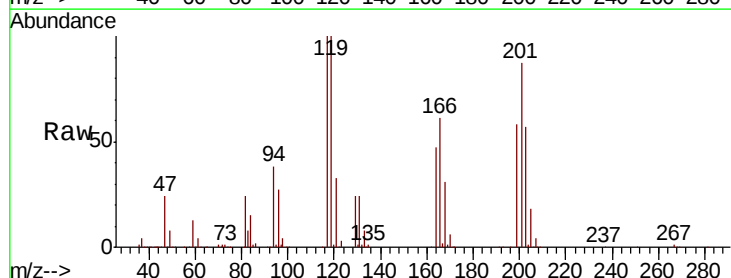
Acq: 09 Oct 2020 20:05

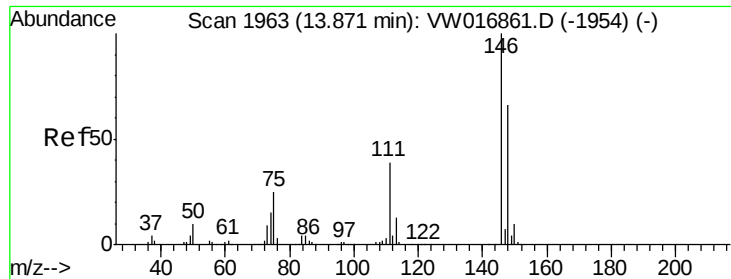
Tgt Ion: 117 Resp: 121947

Ion Ratio Lower Upper

117 100

201 83.1 41.9 125.7

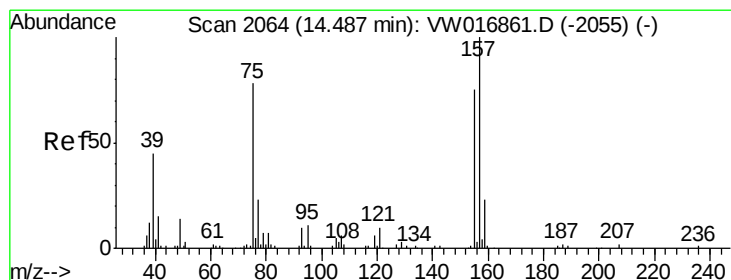
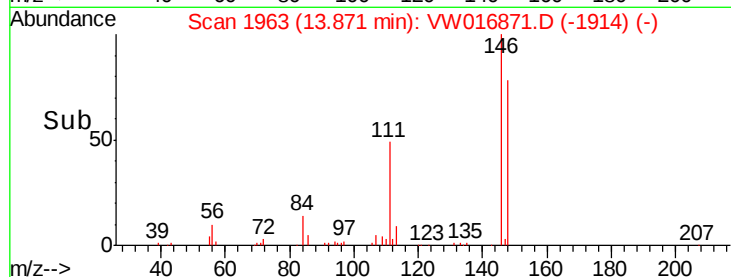
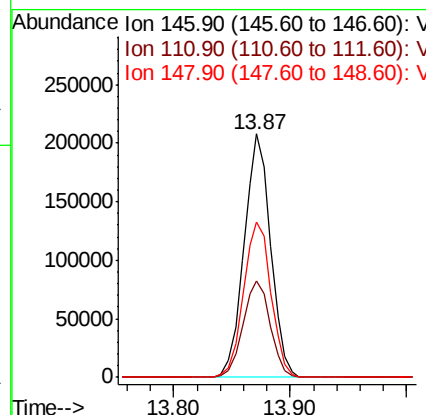
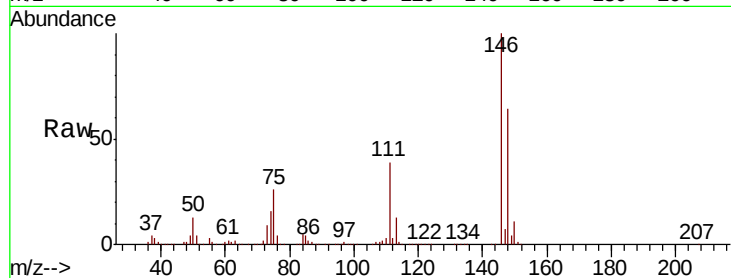




#91
 1,2-Dichlorobenzene
 Concen: 49.733 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

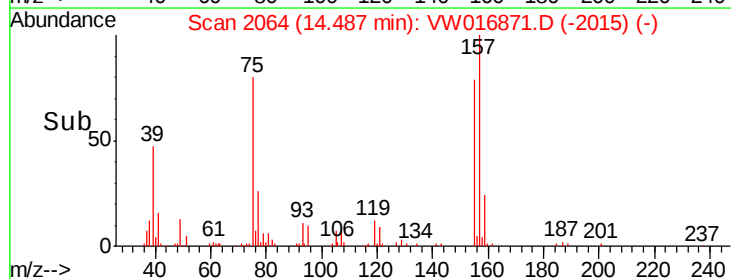
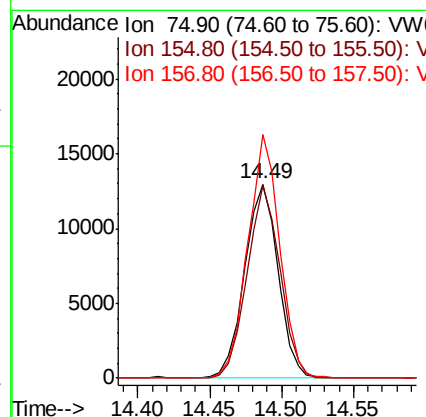
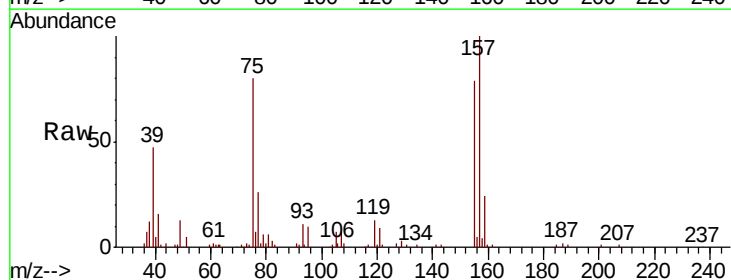
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

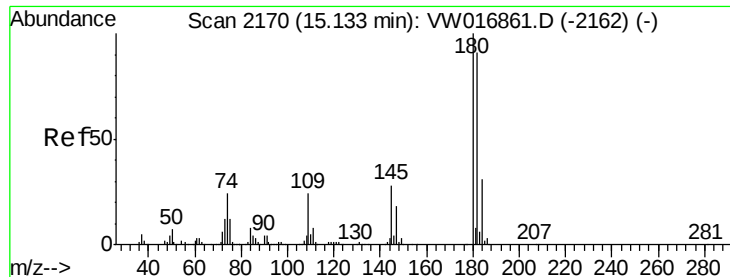
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.3
148	66.3	33.1	99.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.837 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.4	47.6	142.8
157	119.6	62.2	186.6

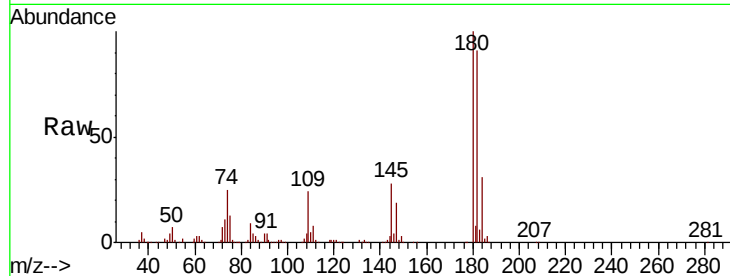




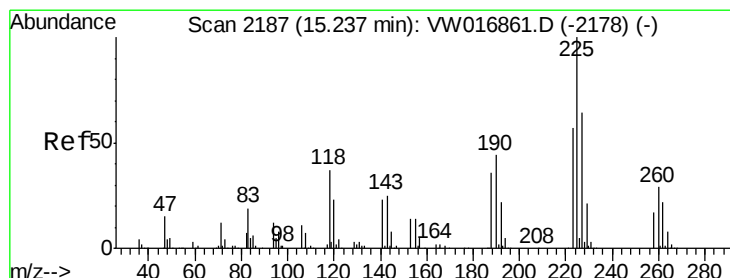
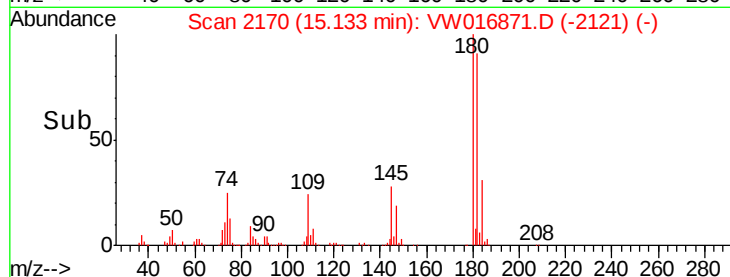
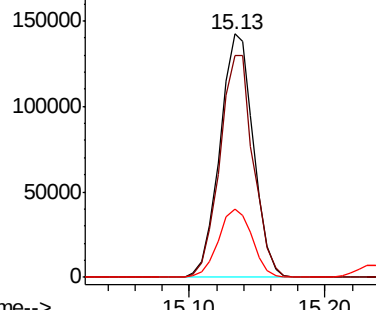
#93
 1,2,4-Trichlorobenzene
 Concen: 53.567 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 245339
 Ion Ratio Lower Upper
 180 100
 182 91.4 48.3 144.9
 145 28.3 14.9 44.5

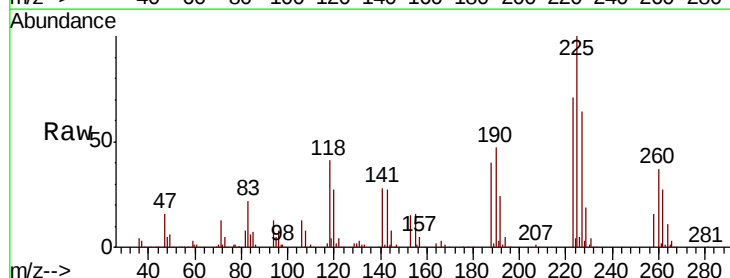


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

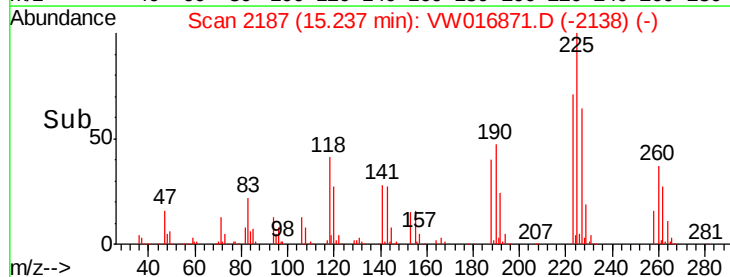
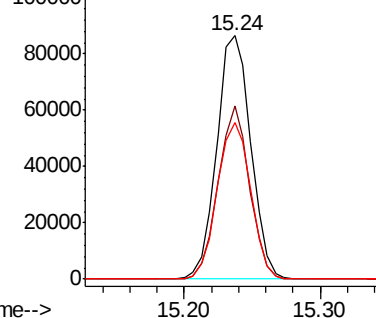


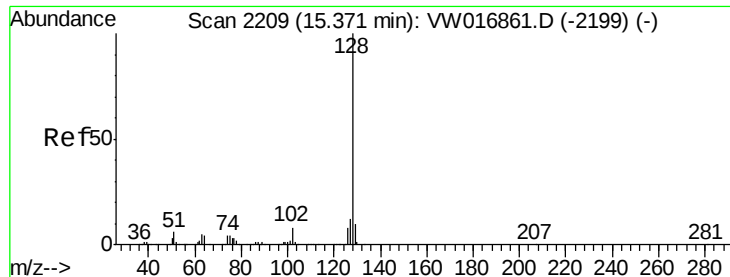
#94
 Hexachlorobutadiene
 Concen: 51.031 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016871.D
 Acq: 09 Oct 2020 20:05

Tgt Ion:225 Resp: 151511
 Ion Ratio Lower Upper
 225 100
 223 65.8 31.9 95.7
 227 63.7 33.0 99.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

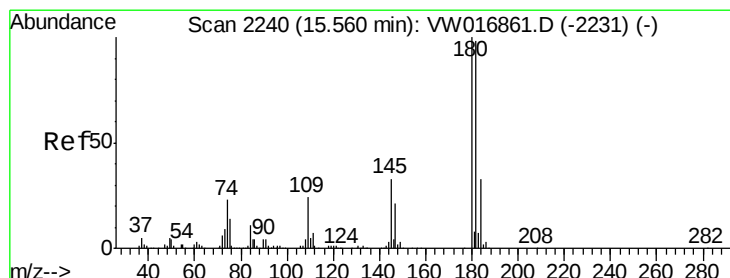
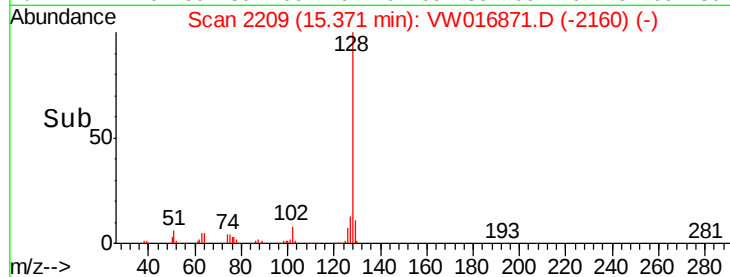
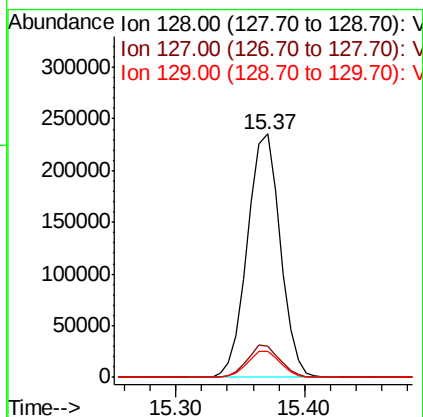
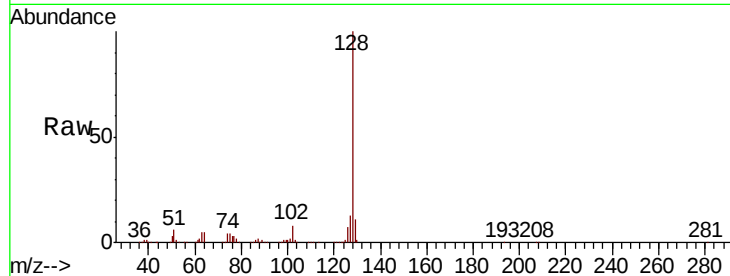




#95
Naphthalene
Concen: 55.937 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 416370
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.929 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016871.D
Acq: 09 Oct 2020 20:05

Tgt Ion:180 Resp: 206905
Ion Ratio Lower Upper
180 100
182 97.0 49.4 148.2
145 31.3 16.3 48.9

