

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
 Data File : VW014739.D
 Acq On : 24 Jan 2020 11:52
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jan 24 12:40:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	725781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1098749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	957323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	464477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	356703	55.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.32%	
35) Dibromofluoromethane	7.88	113	335190	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.32	98	1404852	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.62	95	471552	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	251140	58.55	ug/l	100
3) Chloromethane	2.21	50	292346	55.41	ug/l	100
4) Vinyl Chloride	2.36	62	482185	61.72	ug/l	100
5) Bromomethane	2.78	94	272952	57.61	ug/l	100
6) Chloroethane	2.92	64	272564	61.57	ug/l	100
7) Trichlorofluoromethane	3.26	101	238350	61.45	ug/l	100
8) Diethyl Ether	3.67	74	190852	51.67	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	368256	52.64	ug/l	100
10) Methyl Iodide	4.27	142	533007	50.94	ug/l	100
11) Tert butyl alcohol	5.16	59	114590	212.42	ug/l	100
12) 1,1-Dichloroethene	4.04	96	385025	52.61	ug/l	100
13) Acrolein	3.89	56	115257	216.94	ug/l	100
14) Allyl chloride	4.66	41	642940	56.72	ug/l	100
15) Acrylonitrile	5.36	53	436967	261.86	ug/l	100
16) Acetone	4.11	43	418063	236.94	ug/l	100
17) Carbon Disulfide	4.38	76	1224499	54.99	ug/l	100
18) Methyl Acetate	4.67	43	193312	45.94	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	494693	54.54	ug/l	100
20) Methylene Chloride	4.91	84	403956	47.96	ug/l	100
21) trans-1,2-Dichloroethene	5.42	96	410705	52.84	ug/l	100
22) Diisopropyl ether	6.31	45	1206461	56.84	ug/l	100
23) Vinyl Acetate	6.25	43	3581569	283.23	ug/l	100
24) 1,1-Dichloroethane	6.21	63	725929	54.54	ug/l	100
25) 2-Butanone	7.17	43	575877	254.01	ug/l	100
26) 2,2-Dichloropropane	7.16	77	387225	52.50	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	426450	52.32	ug/l	100
28) Bromochloromethane	7.51	49	274627	53.14	ug/l	100
29) Tetrahydrofuran	7.52	42	367341	260.15	ug/l	100
30) Chloroform	7.67	83	672560	54.12	ug/l	100
31) Cyclohexane	7.95	56	717775	52.02	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	541760	54.26	ug/l	100
36) 1,1-Dichloropropene	8.08	75	578375	53.80	ug/l	100
37) Ethyl Acetate	7.24	43	245899	51.73	ug/l	100
38) Carbon Tetrachloride	8.06	117	498486	53.49	ug/l	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	708687	51.79	ug/l	100
40) Benzene	8.32	78	1616357	53.18	ug/l	100
41) Methacrylonitrile	7.48	41	141168	52.93	ug/l	100
42) 1,2-Dichloroethane	8.40	62	433151	54.74	ug/l	100
43) Isopropyl Acetate	8.42	43	459692	52.85	ug/l	100
44) Trichloroethene	9.09	130	412534	50.60	ug/l	100
45) 1,2-Dichloropropane	9.37	63	401622	53.79	ug/l	100
46) Dibromomethane	9.46	93	187896	51.74	ug/l	100
47) Bromodichloromethane	9.64	83	493999	54.34	ug/l	100
48) Methyl methacrylate	9.43	41	215532	51.29	ug/l	100
49) 1,4-Dioxane	9.44	88	67702	1017.90	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	1195465	265.90	ug/l	100
52) Toluene	10.38	92	995357	52.36	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	492901	52.95	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	608416	53.25	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	268494	50.79	ug/l	100
56) Ethyl methacrylate	10.64	69	363692	53.21	ug/l	100
57) 1,3-Dichloropropane	10.93	76	489082	52.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	574280	273.95	ug/l	100
59) 2-Hexanone	10.96	43	817713	265.58	ug/l	100
60) Dibromochloromethane	11.13	129	303021	50.81	ug/l	100
61) 1,2-Dibromoethane	11.23	107	249121	49.94	ug/l	100
64) Tetrachloroethene	10.86	164	337083	48.76	ug/l	100
65) Chlorobenzene	11.65	112	1000551	50.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	341949	51.61	ug/l	100
67) Ethyl Benzene	11.73	91	1867463	52.44	ug/l	100
68) m/p-Xylenes	11.83	106	1407752	103.53	ug/l	100
69) o-Xylene	12.16	106	646190	51.49	ug/l	100
70) Styrene	12.18	104	1108073	52.27	ug/l	100
71) Bromoform	12.35	173	174614	49.16	ug/l	# 100
73) Isopropylbenzene	12.46	105	1744592	50.93	ug/l	100
74) N-amyl acetate	12.27	43	417758	54.51	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	303980	49.81	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	395640	91.09	ug/l	33
77) Bromobenzene	12.74	156	405877	51.00	ug/l	100
78) n-propylbenzene	12.80	91	2139411	52.72	ug/l	100
79) 2-Chlorotoluene	12.89	91	1199626	51.99	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1501552	51.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	101207	51.88	ug/l	100
82) 4-Chlorotoluene	12.99	91	1252850	52.19	ug/l	100
83) tert-Butylbenzene	13.21	119	1295954	51.39	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1506009	52.32	ug/l	100
85) sec-Butylbenzene	13.38	105	1814720	51.84	ug/l	100
86) p-Isopropyltoluene	13.49	119	1673355	52.39	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	786622	50.79	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	764749	50.15	ug/l	100
89) n-Butylbenzene	13.82	91	1598593	53.75	ug/l	100
90) Hexachloroethane	14.09	117	285178	51.30	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	690261	50.70	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	48461	50.28	ug/l	100

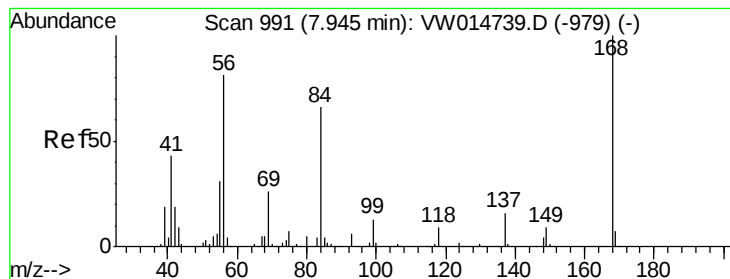
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	469187	51.50	ug/l	100
94) Hexachlorobutadiene	15.24	225	309702	50.32	ug/l	100
95) Naphthalene	15.36	128	820044	53.39	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	408267	51.51	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

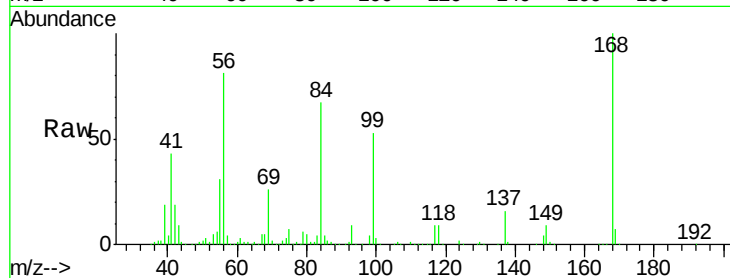
VSTDICCC050

Tgt Ion:168 Resp: 725781

Ion Ratio Lower Upper

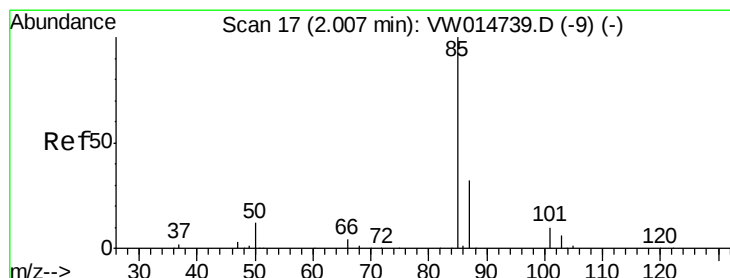
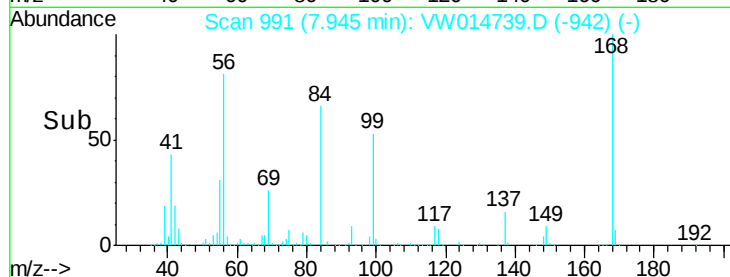
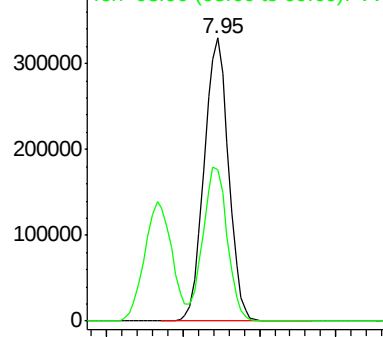
168 100

99 53.3 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 58.55 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW014739.D

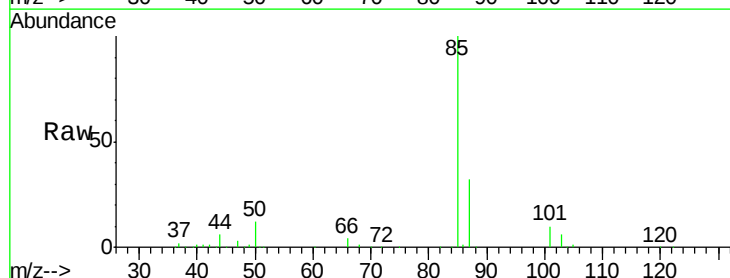
Acq: 24 Jan 2020 11:52

Tgt Ion: 85 Resp: 251140

Ion Ratio Lower Upper

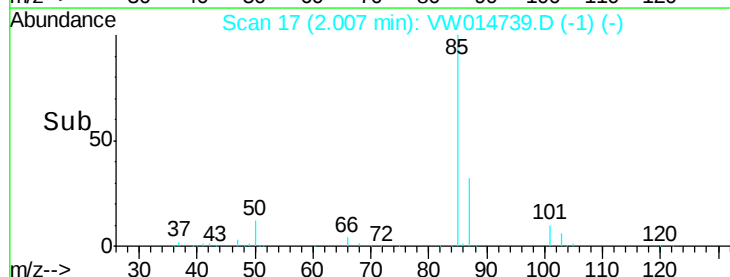
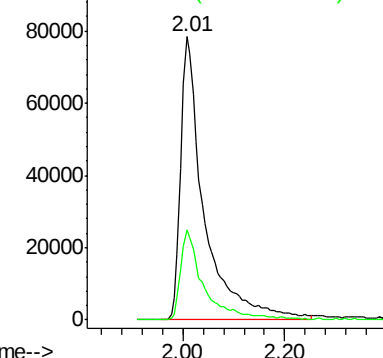
85 100

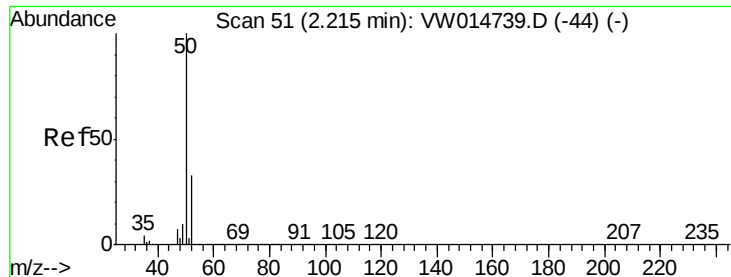
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 55.41 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

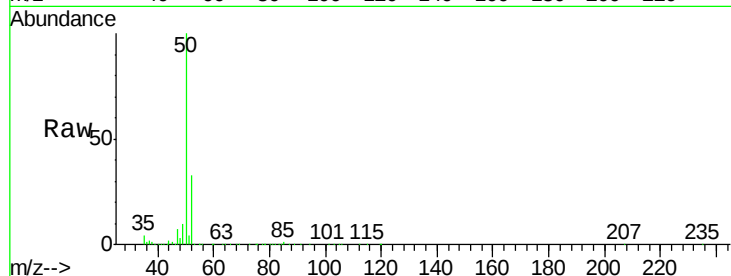
VSTDICCC050

Tgt Ion: 50 Resp: 292346

Ion Ratio Lower Upper

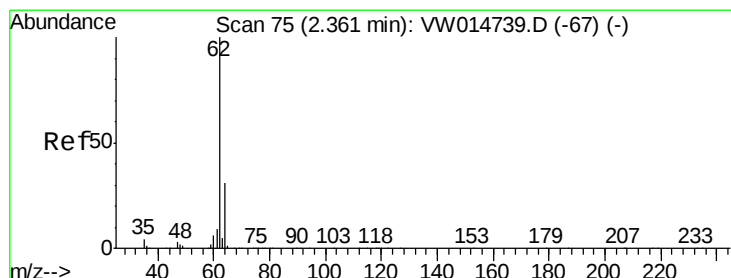
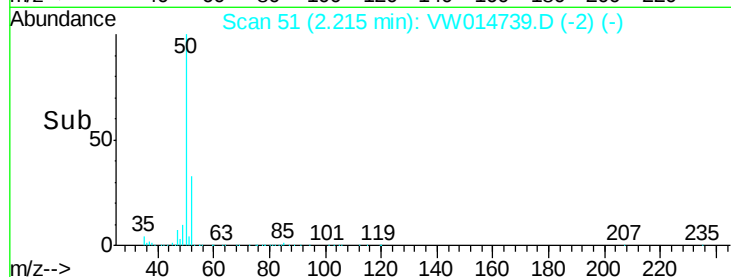
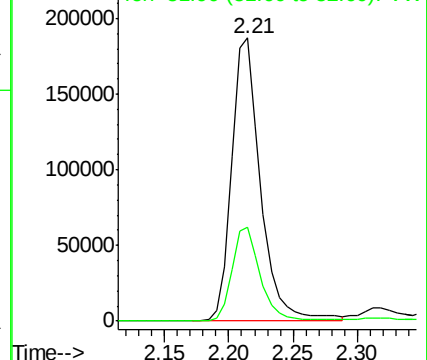
50 100

52 33.4 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 61.72 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW014739.D

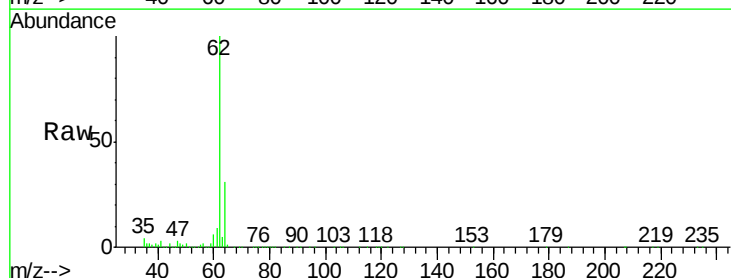
Acq: 24 Jan 2020 11:52

Tgt Ion: 62 Resp: 482185

Ion Ratio Lower Upper

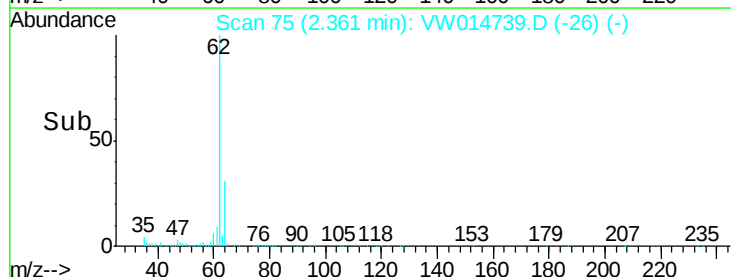
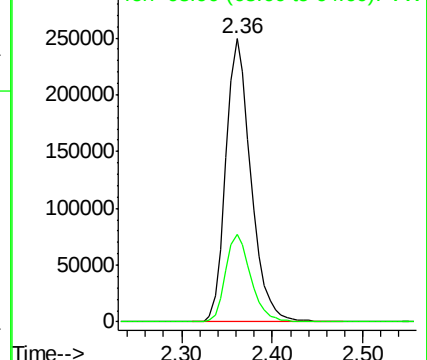
62 100

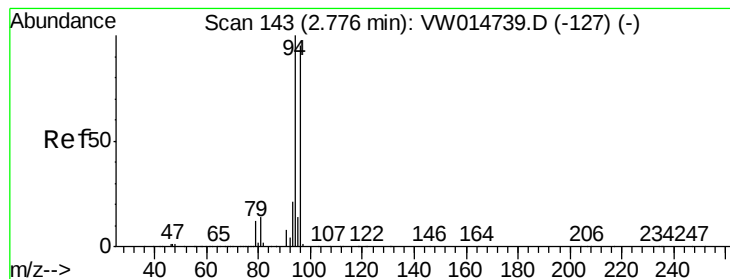
64 30.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 57.61 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

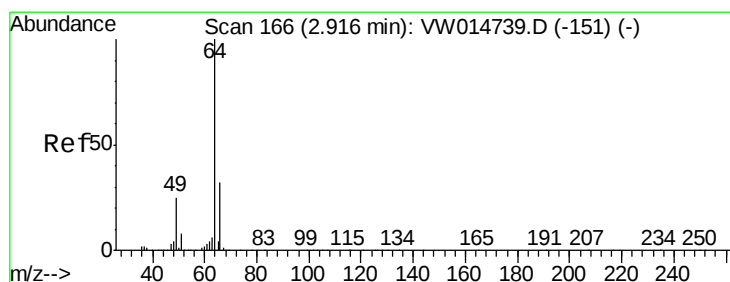
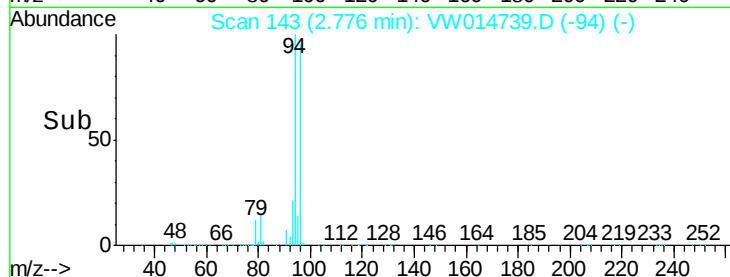
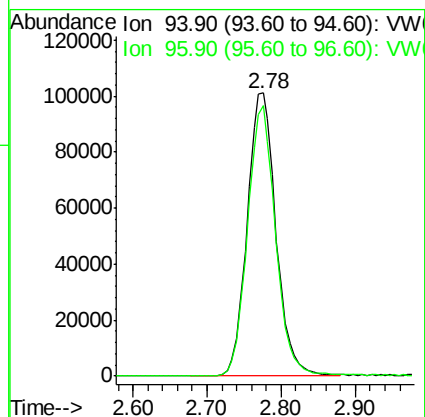
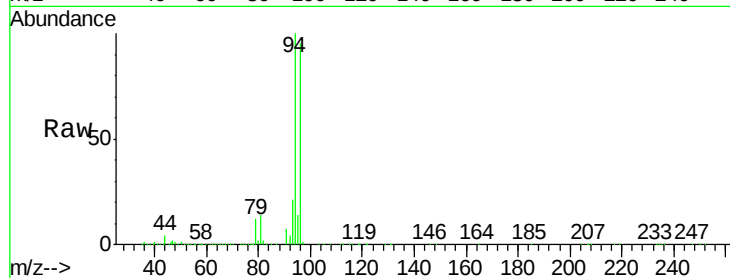
VSTDICCC050

Tgt Ion: 94 Resp: 272952

Ion Ratio Lower Upper

94 100

96 95.3 76.2 114.4



#6

Chloroethane

Concen: 61.57 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW014739.D

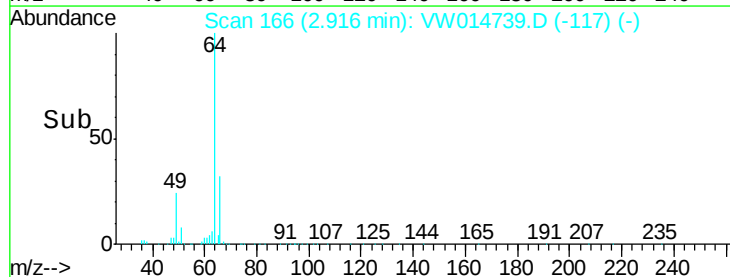
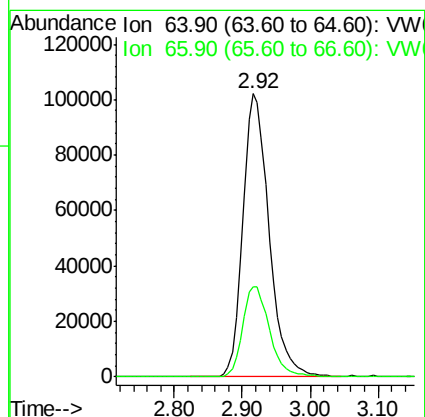
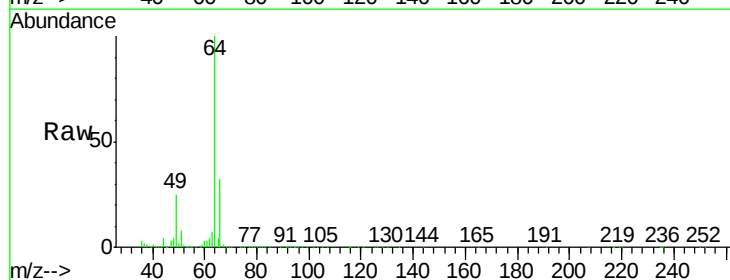
Acq: 24 Jan 2020 11:52

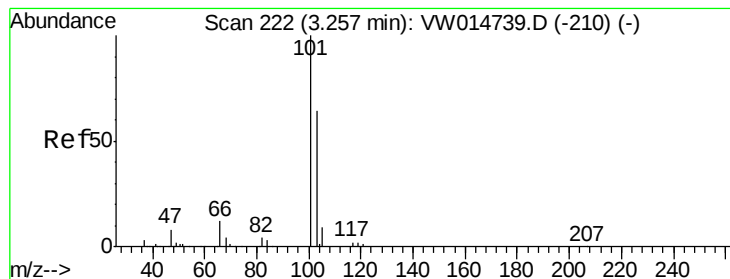
Tgt Ion: 64 Resp: 272564

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3





#7

Trichlorofluoromethane

Concen: 61.45 ug/l

RT: 3.26 min Scan# 222

Delta R.T. 0.00 min

Lab File: VW014739.D

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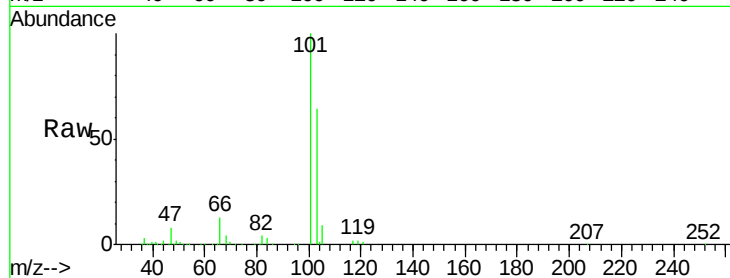
VSTDICCC050

Tgt Ion:101 Resp: 238350

Ion Ratio Lower Upper

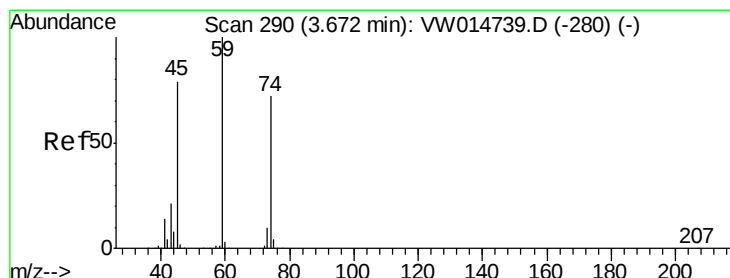
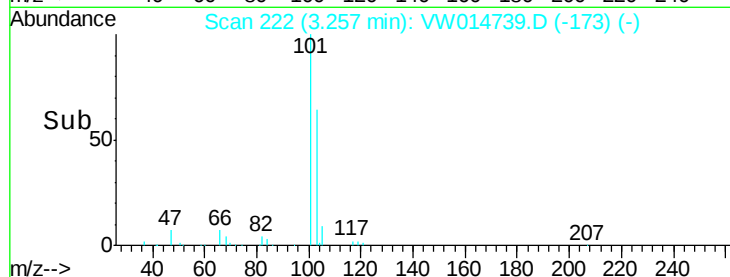
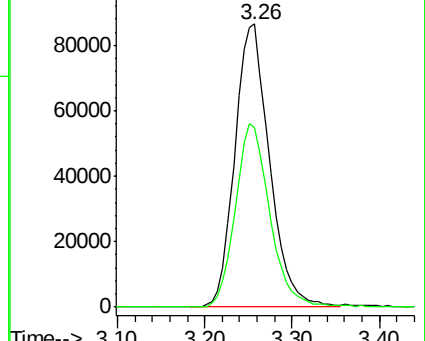
101 100

103 63.5 50.8 76.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.67 ug/l

RT: 3.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VW014739.D

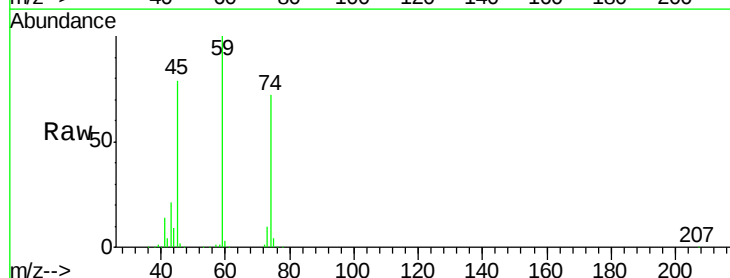
Acq: 24 Jan 2020 11:52

Tgt Ion: 74 Resp: 190852

Ion Ratio Lower Upper

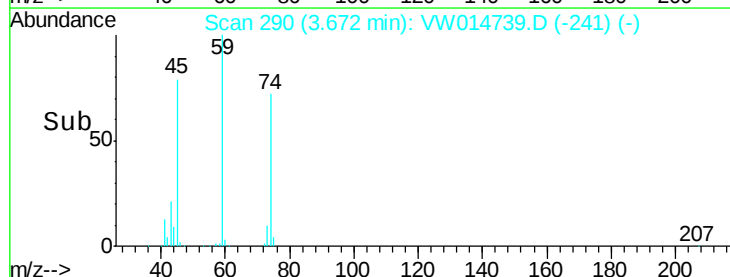
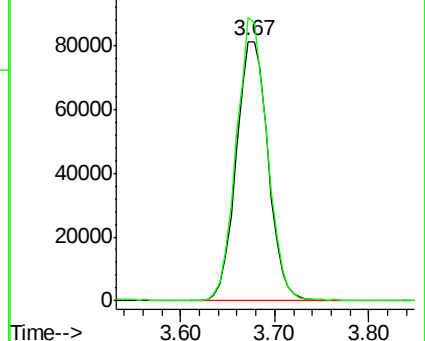
74 100

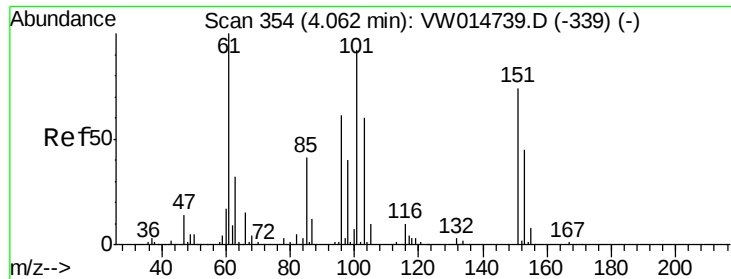
45 105.4 52.7 158.1



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.64 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

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VSTDICCC050

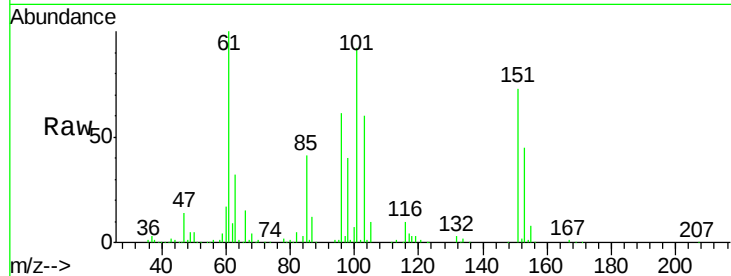
Tgt Ion:101 Resp: 368256

Ion Ratio Lower Upper

101 100

85 43.0 34.4 51.6

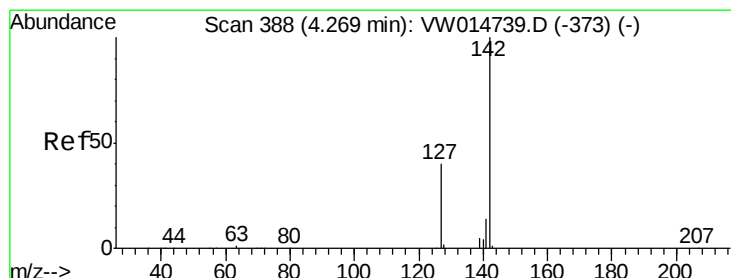
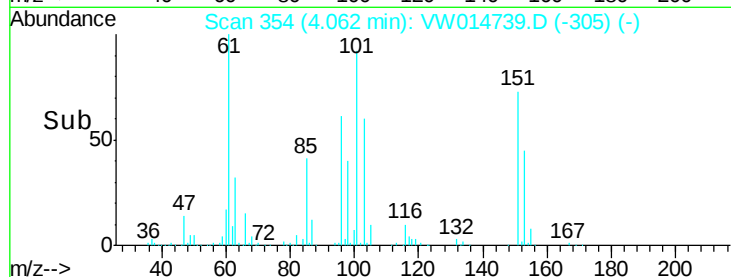
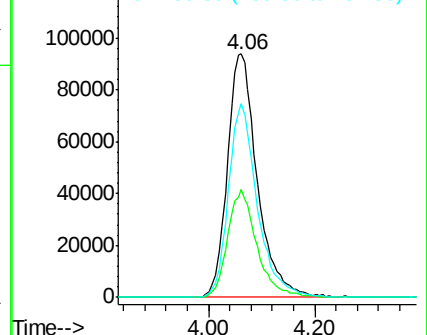
151 76.9 61.5 92.3



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: 50.94 ug/l

RT: 4.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

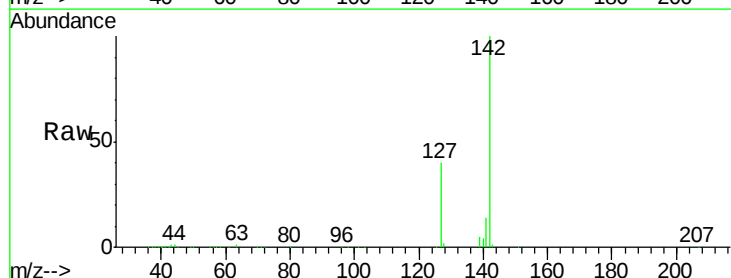
Tgt Ion:142 Resp: 533007

Ion Ratio Lower Upper

142 100

127 41.5 33.2 49.8

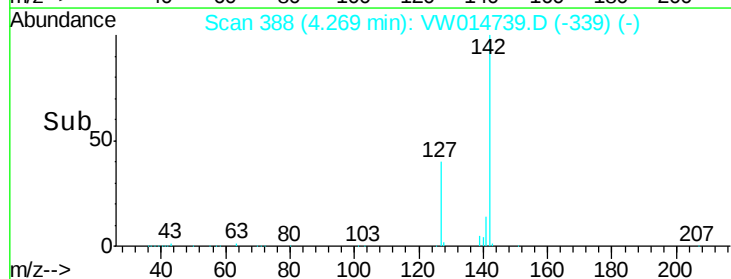
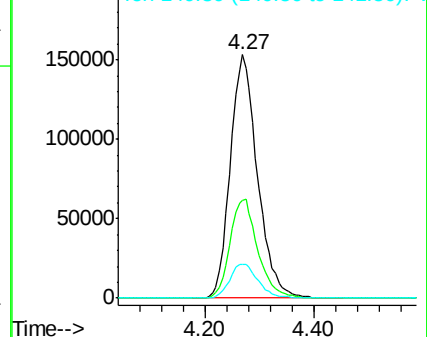
141 14.7 11.8 17.6

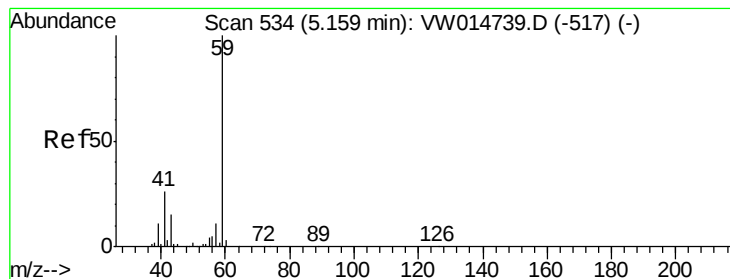


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



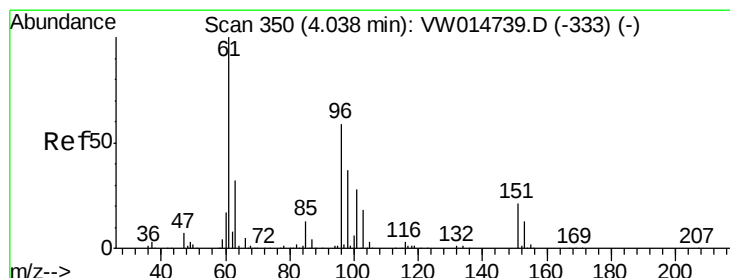
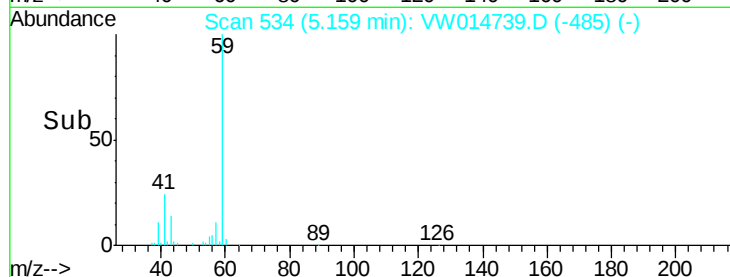
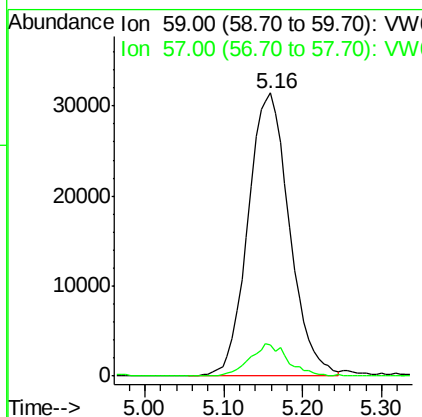
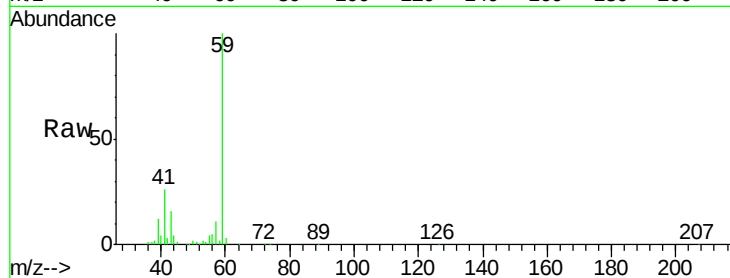


#11

Tert butyl alcohol
 Concen: 212.42 ug/l
 RT: 5.16 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

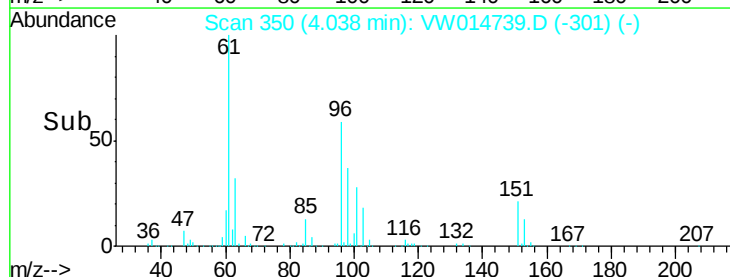
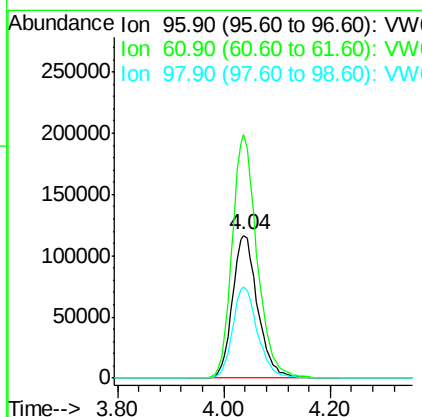
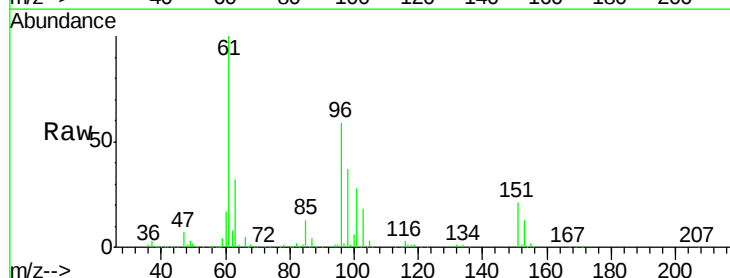
Tgt Ion: 59 Resp: 114590
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.6 12.8

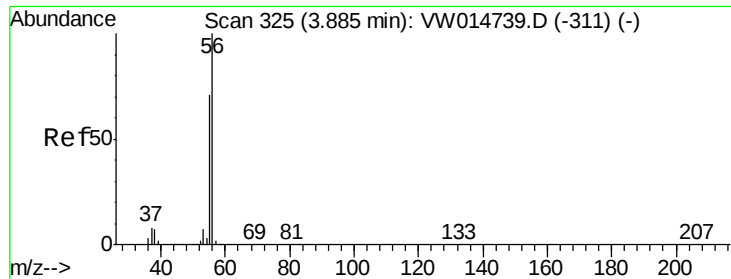


#12

1,1-Dichloroethene
 Concen: 52.61 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion: 96 Resp: 385025
 Ion Ratio Lower Upper
 96 100
 61 170.4 136.3 204.5
 98 63.8 51.0 76.6

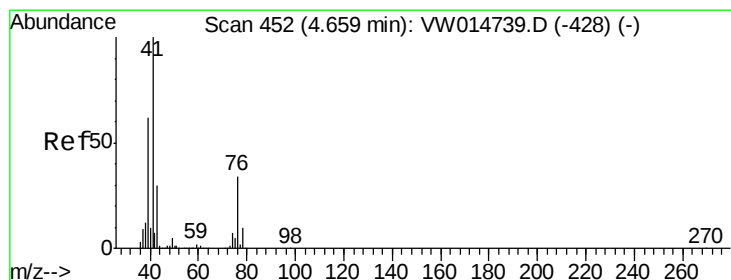
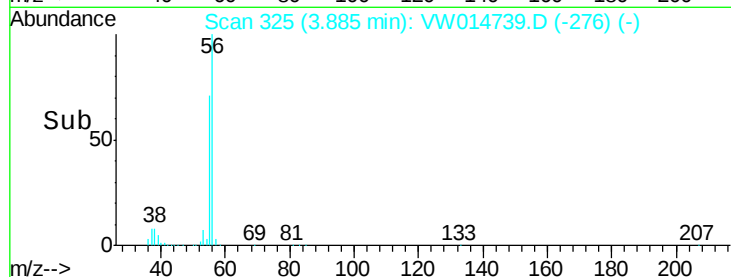
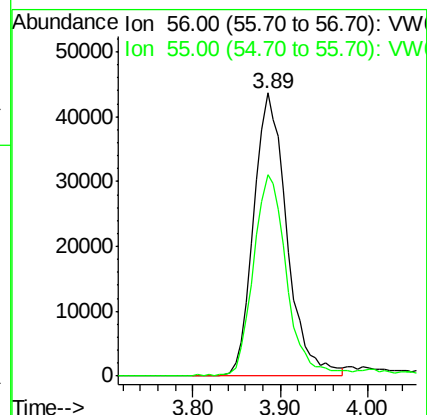
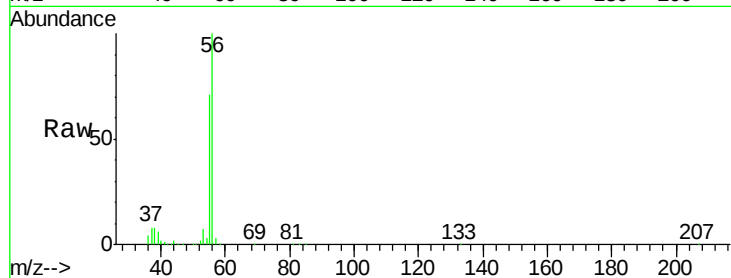




#13
Acrolein
Concen: 216.94 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

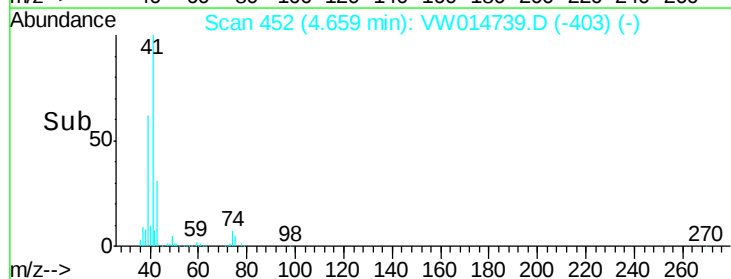
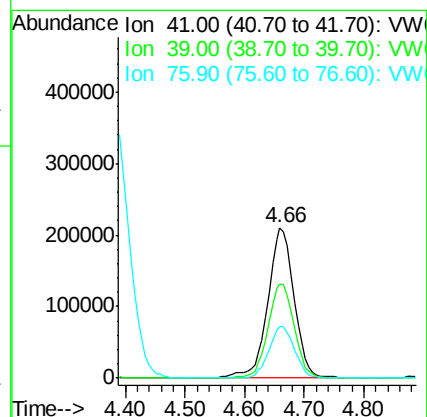
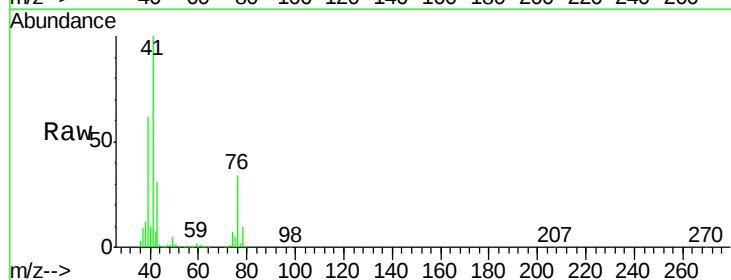
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

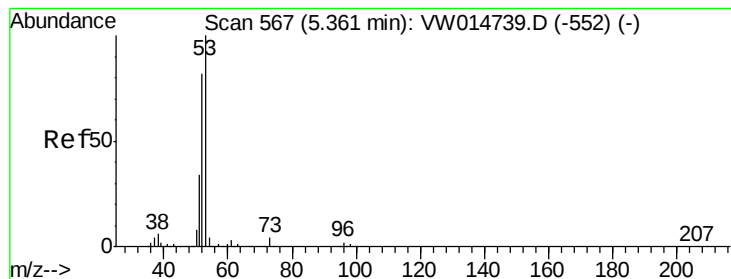
Tgt Ion: 56 Resp: 115257
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 56.72 ug/l
RT: 4.66 min Scan# 452
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion: 41 Resp: 642940
Ion Ratio Lower Upper
41 100
39 62.5 50.0 75.0
76 33.4 26.7 40.1





#15

Acrylonitrile

Concen: 261.86 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

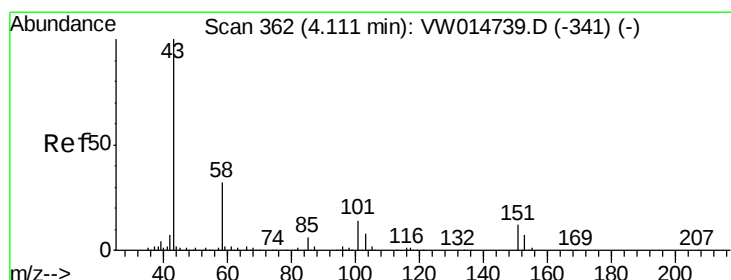
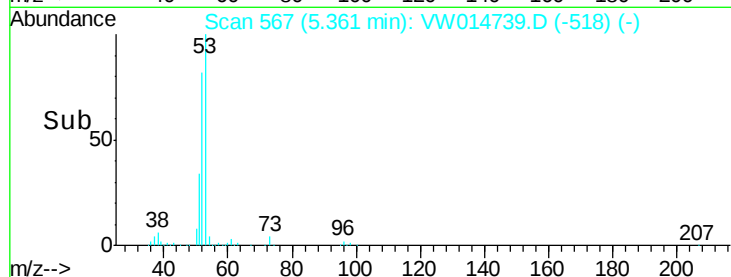
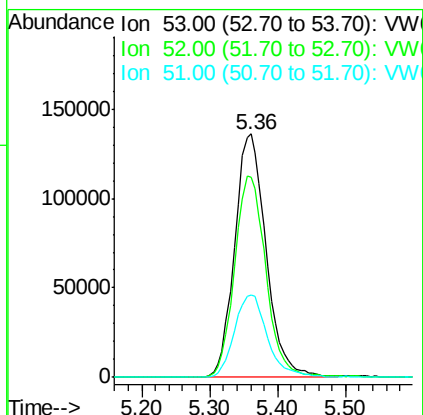
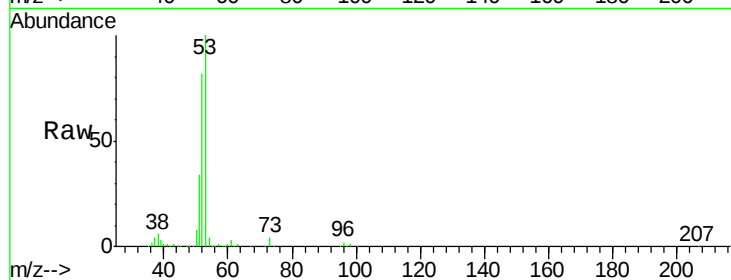
Tgt Ion: 53 Resp: 436967

Ion Ratio Lower Upper

53 100

52 82.5 66.0 99.0

51 35.8 28.6 43.0



#16

Acetone

Concen: 236.94 ug/l

RT: 4.11 min Scan# 362

Delta R.T. 0.00 min

Lab File: VW014739.D

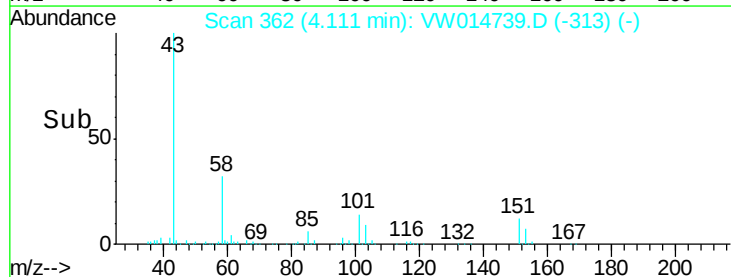
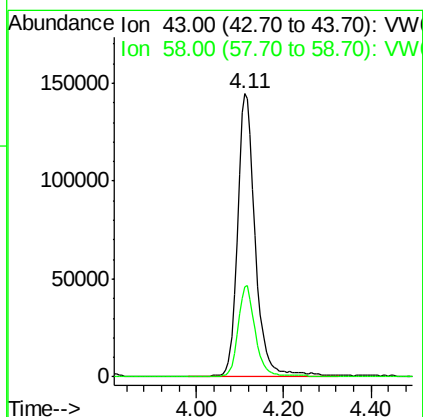
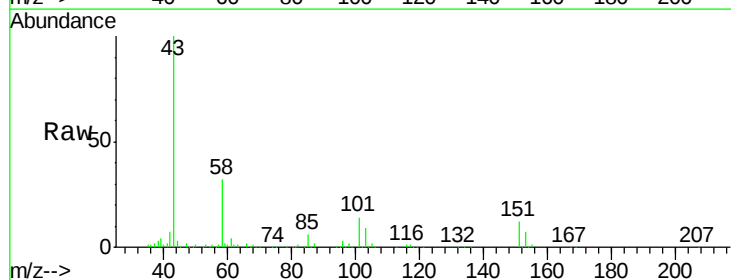
Acq: 24 Jan 2020 11:52

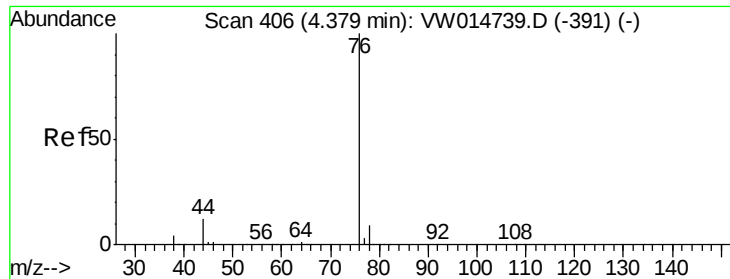
Tgt Ion: 43 Resp: 418063

Ion Ratio Lower Upper

43 100

58 32.0 25.6 38.4

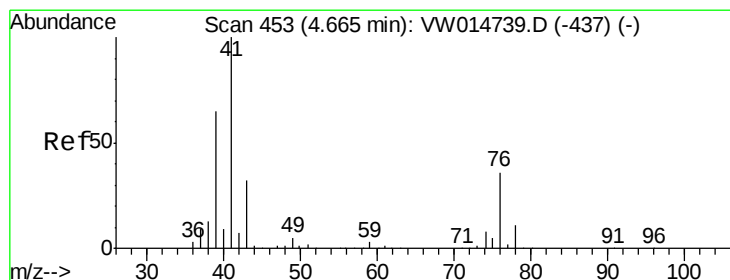
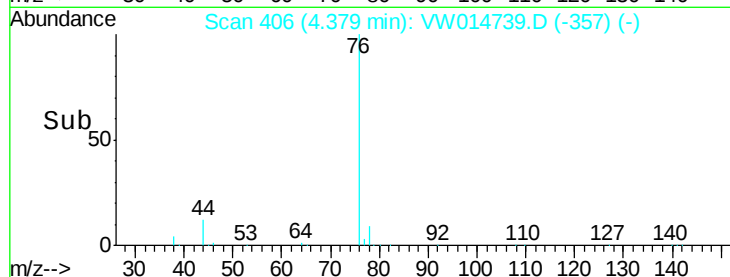
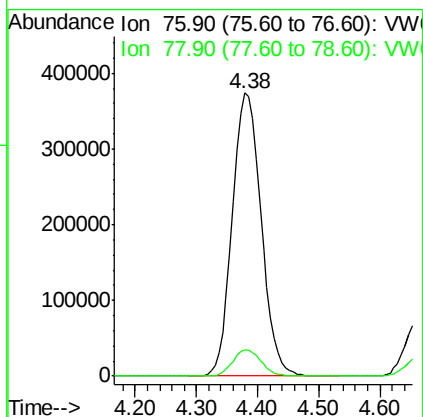
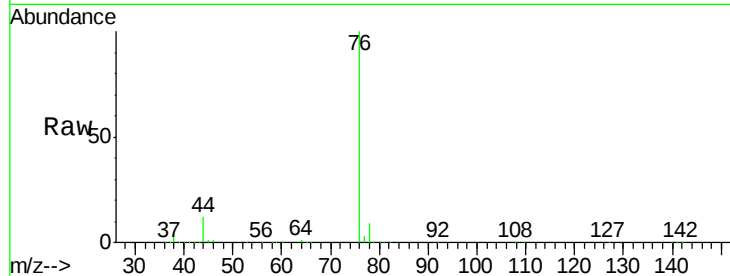




#17
Carbon Disulfide
Concen: 54.99 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

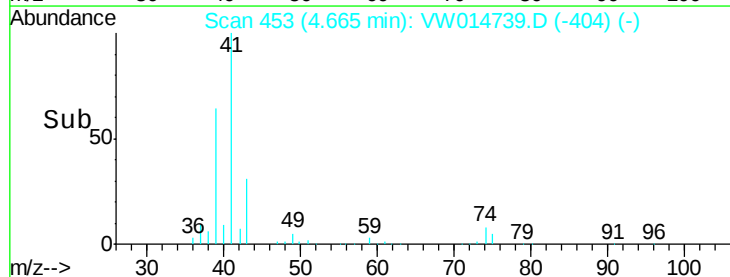
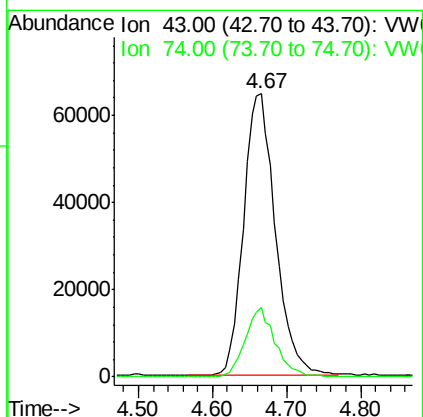
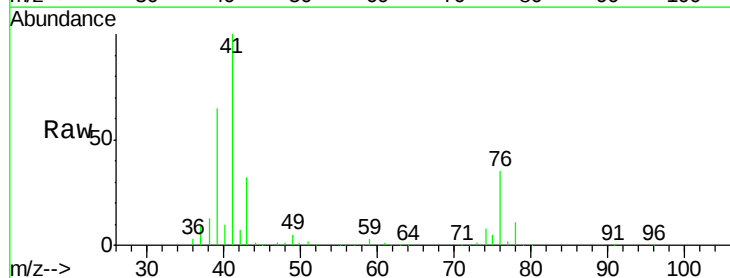
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

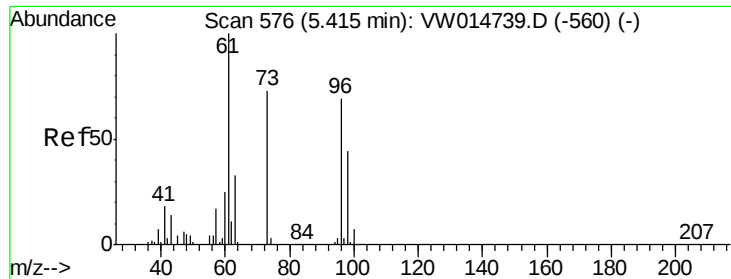
Tgt Ion: 76 Resp: 1224499
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 45.94 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion: 43 Resp: 193312
Ion Ratio Lower Upper
43 100
74 23.0 18.4 27.6

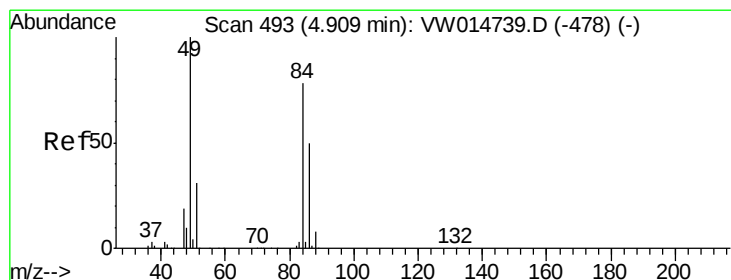
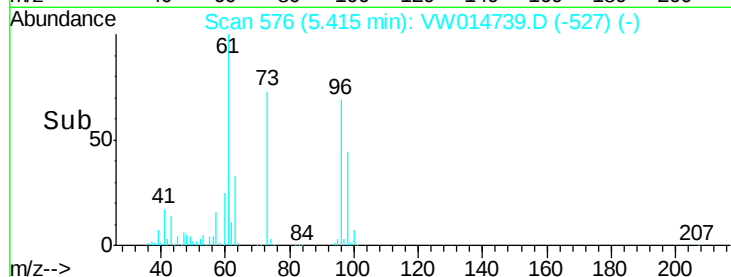
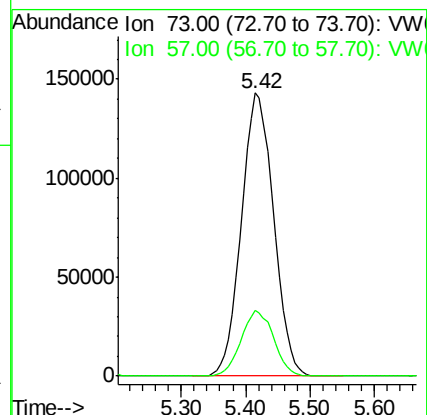
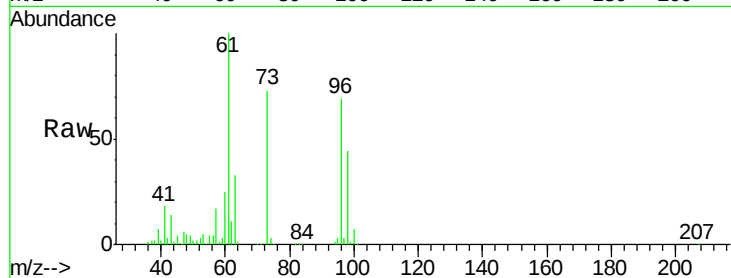




#19
Methyl tert-butyl Ether
Concen: 54.54 ug/l
RT: 5.42 min Scan# 576
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

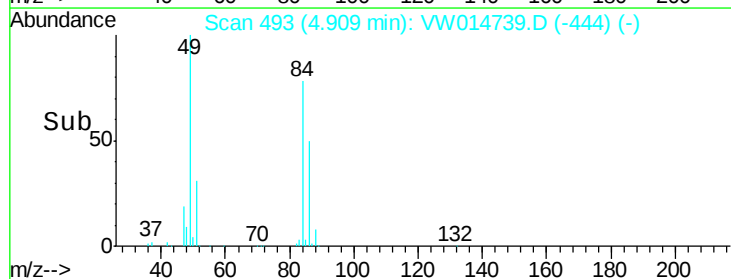
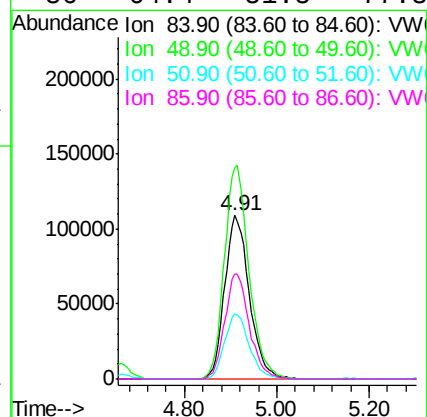
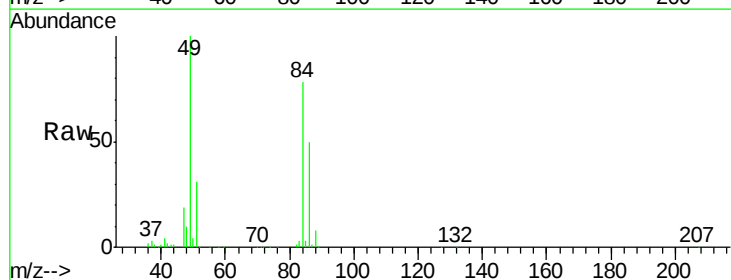
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

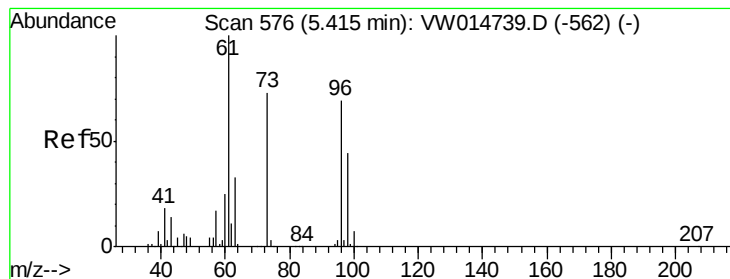
Tgt Ion: 73 Resp: 494693
Ion Ratio Lower Upper
73 100
57 23.1 18.5 27.7



#20
Methylene Chloride
Concen: 47.96 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion: 84 Resp: 403956
Ion Ratio Lower Upper
84 100
49 128.9 103.1 154.7
51 40.1 32.1 48.1
86 64.4 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 52.84 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

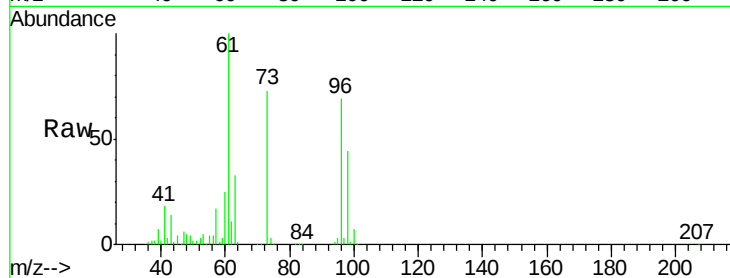
Tgt Ion: 96 Resp: 410705

Ion Ratio Lower Upper

96 100

61 145.1 116.1 174.1

98 64.5 51.6 77.4

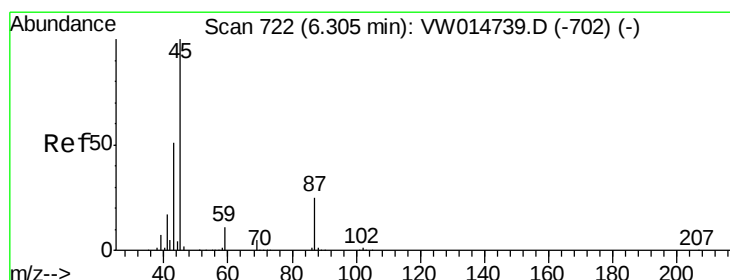
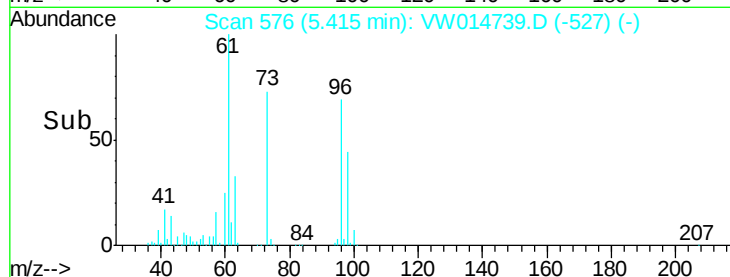
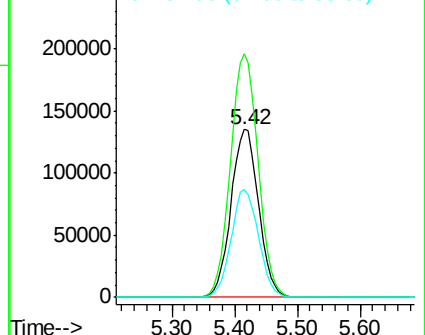


Abundance

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: 56.84 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Tgt Ion: 45 Resp: 1206461

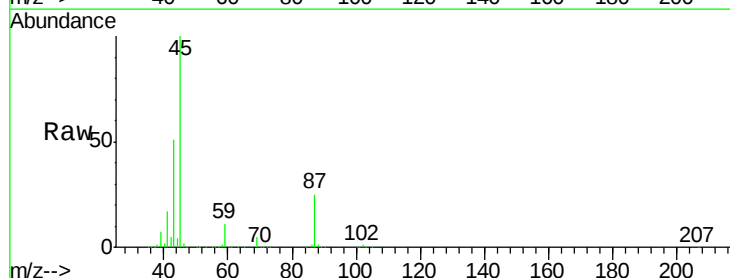
Ion Ratio Lower Upper

45 100

43 51.1 40.9 61.3

87 25.4 20.3 30.5

59 11.4 9.1 13.7



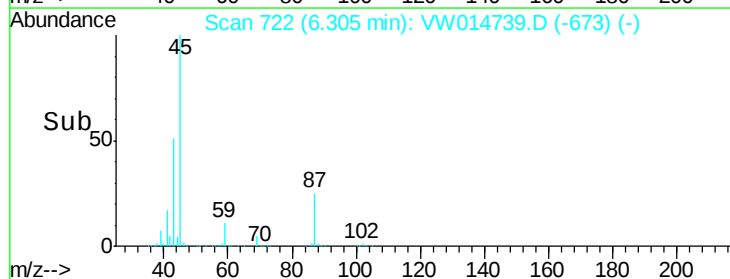
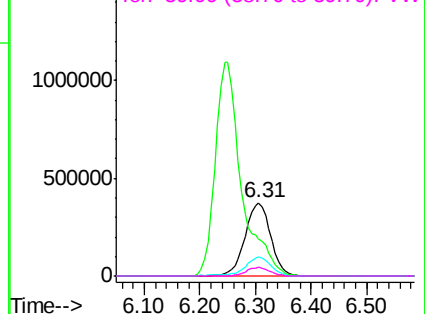
Abundance

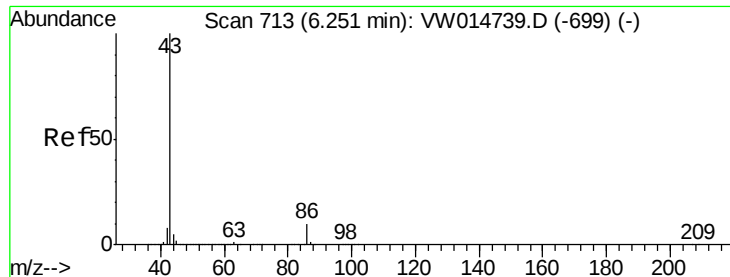
Ion 45.00 (44.70 to 45.70): VW

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: 283.23 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

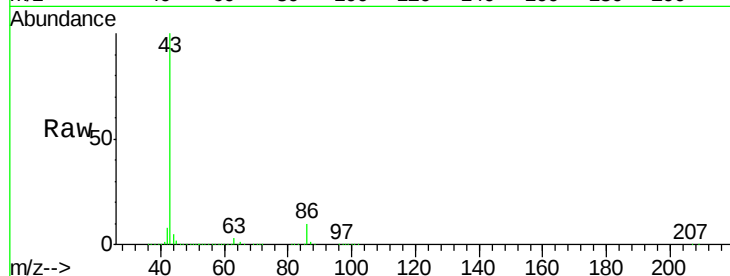
VSTDICCC050

Tgt Ion: 43 Resp: 3581569

Ion Ratio Lower Upper

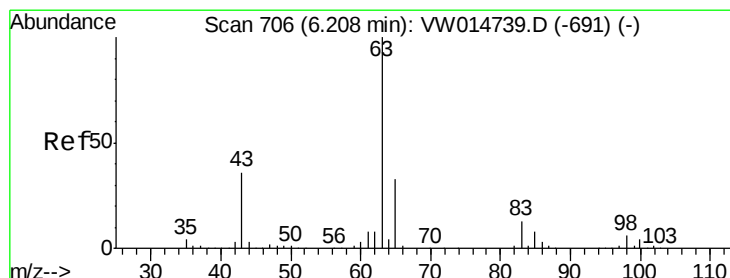
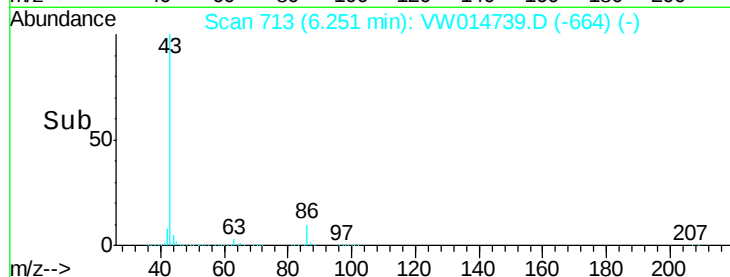
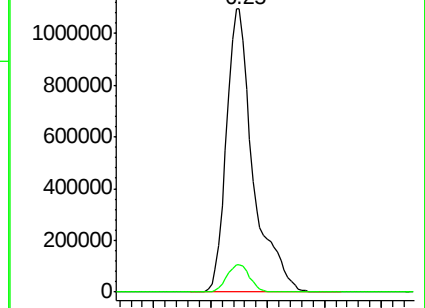
43 100

86 9.9 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 54.54 ug/l

RT: 6.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

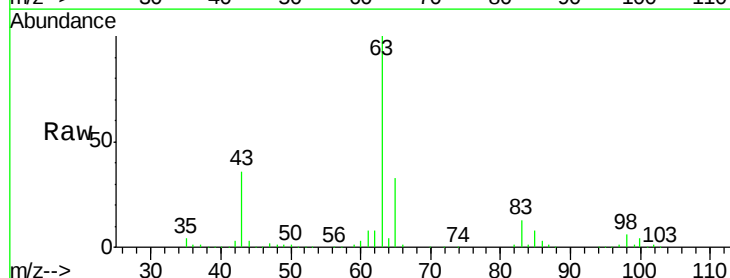
Tgt Ion: 63 Resp: 725929

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.8

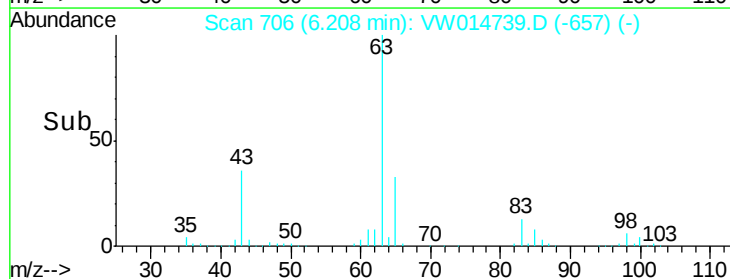
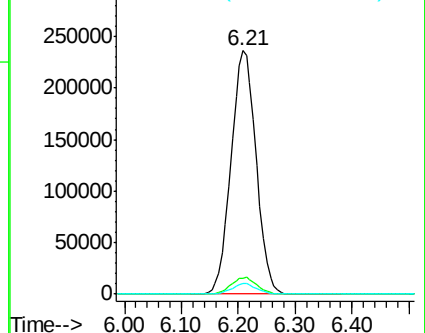
100 4.3 2.1 6.5

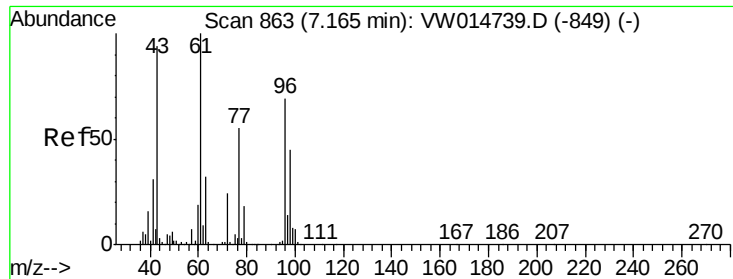


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 254.01 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

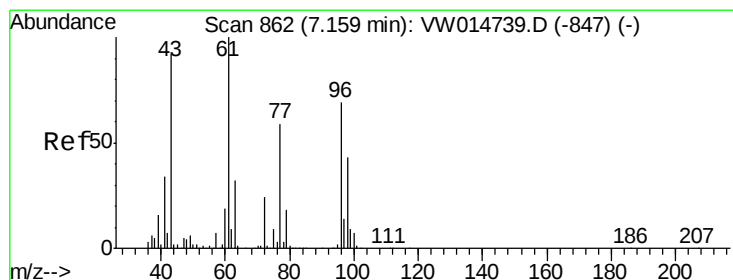
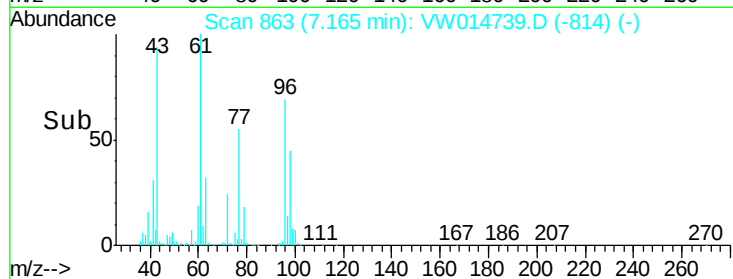
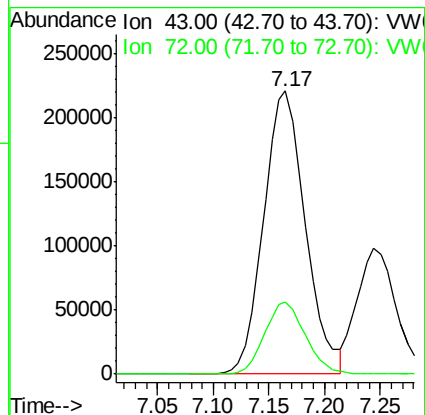
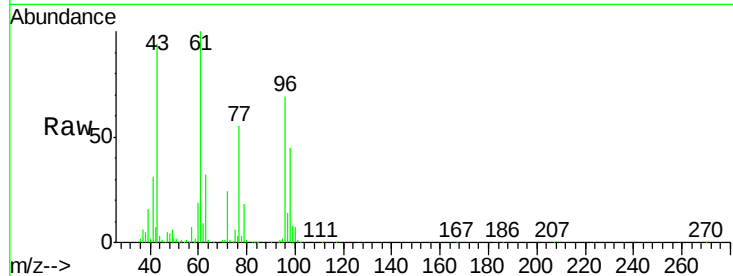
VSTDICCC050

Tgt Ion: 43 Resp: 575877

Ion Ratio Lower Upper

43 100

72 25.3 20.2 30.4



#26

2,2-Dichloropropane

Concen: 52.50 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW014739.D

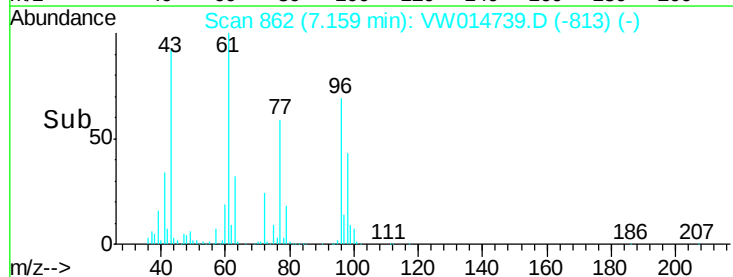
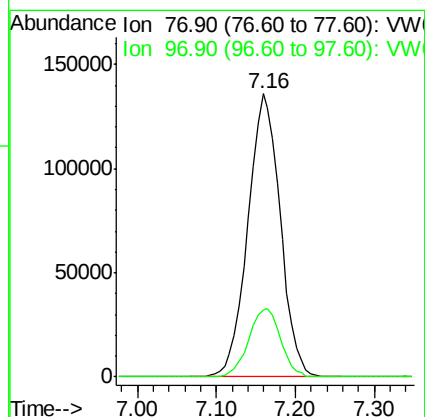
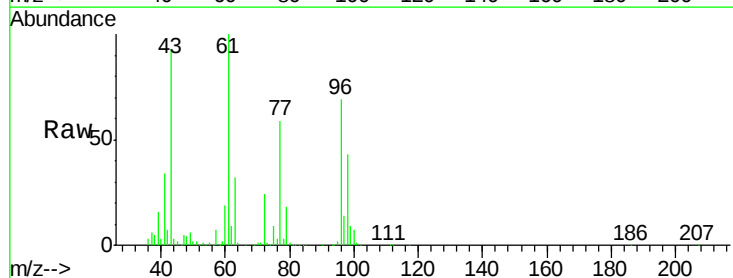
Acq: 24 Jan 2020 11:52

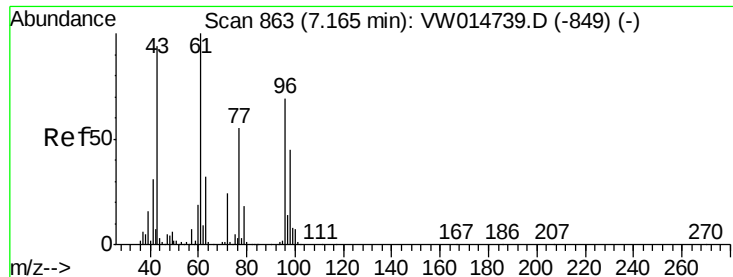
Tgt Ion: 77 Resp: 387225

Ion Ratio Lower Upper

77 100

97 23.9 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 52.32 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

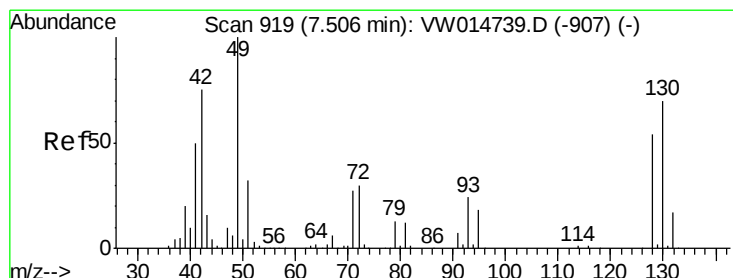
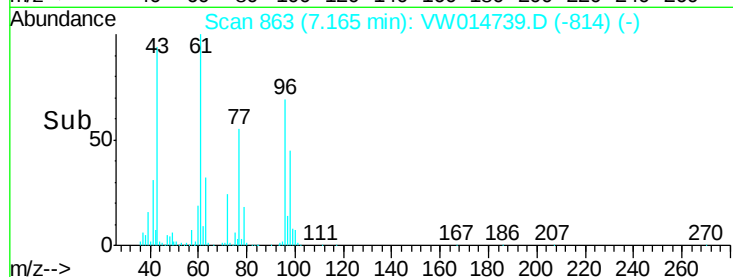
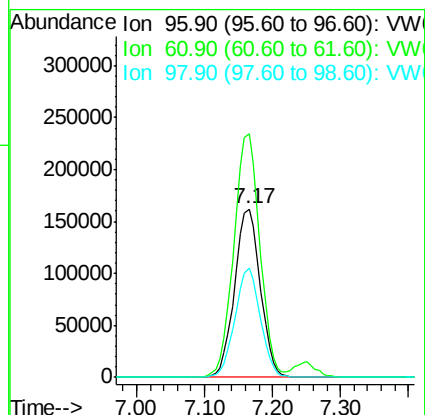
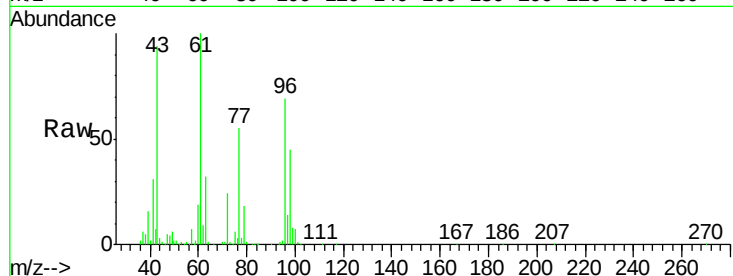
Tgt Ion: 96 Resp: 426450

Ion Ratio Lower Upper

96 100

61 146.1 0.0 292.2

98 63.8 0.0 127.6



#28

Bromochloromethane

Concen: 53.14 ug/l

RT: 7.51 min Scan# 919

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

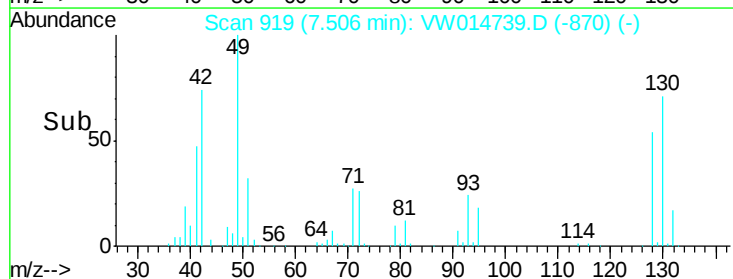
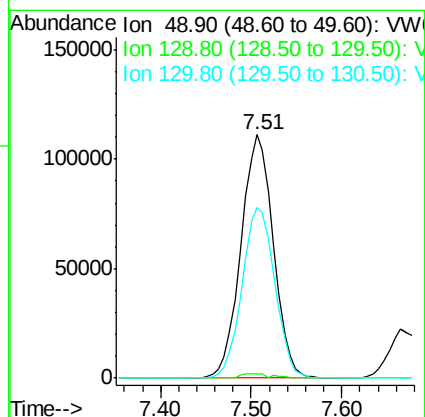
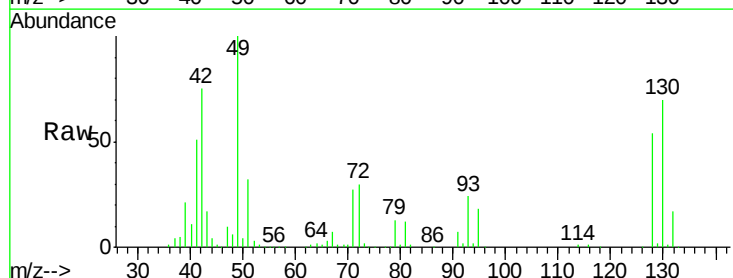
Tgt Ion: 49 Resp: 274627

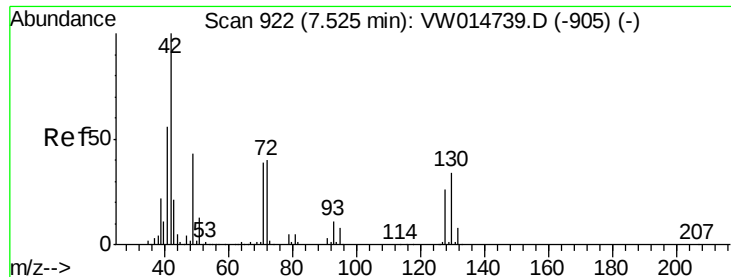
Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.6

130 70.9 56.7 85.1

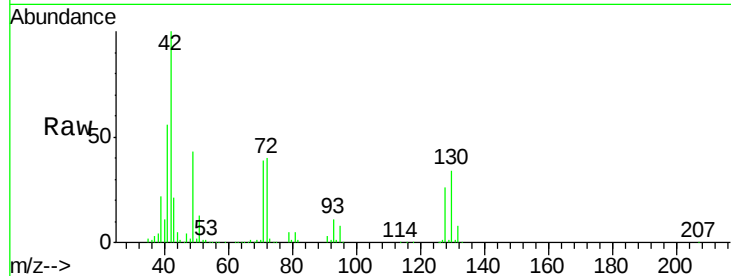




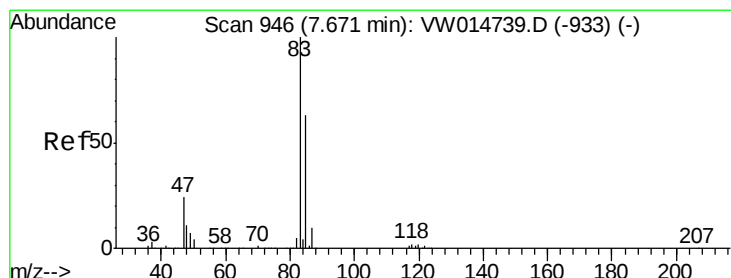
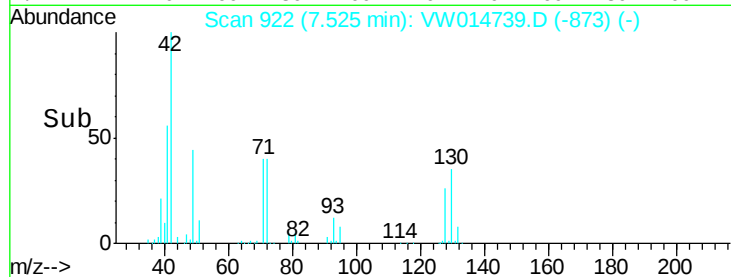
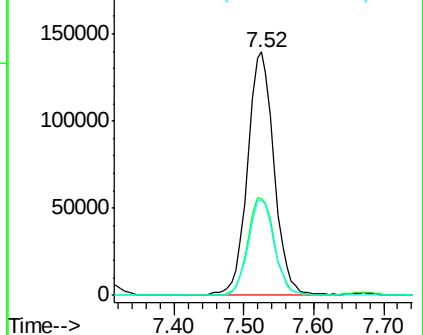
#29
Tetrahydrofuran
Concen: 260.15 ug/l
RT: 7.52 min Scan# 922
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion: 42 Resp: 367341
Ion Ratio Lower Upper
42 100
72 40.4 32.3 48.5
71 38.7 31.0 46.4

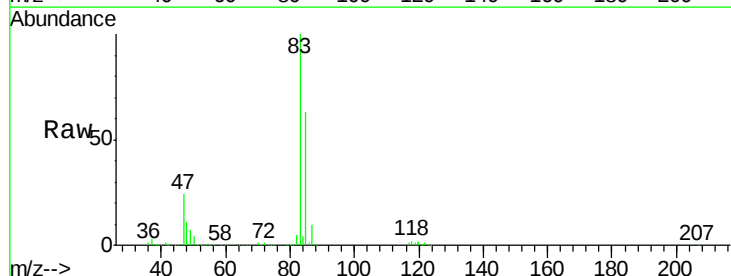


Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW

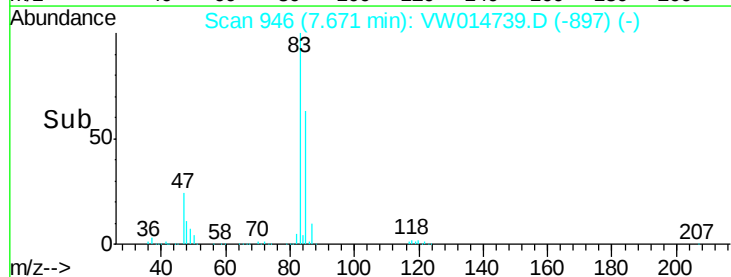
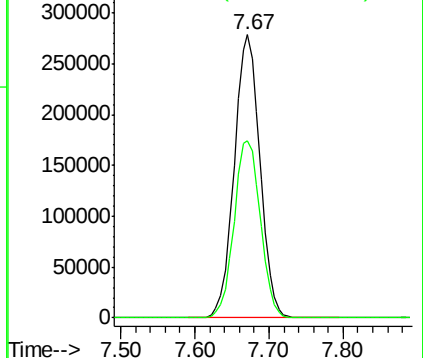


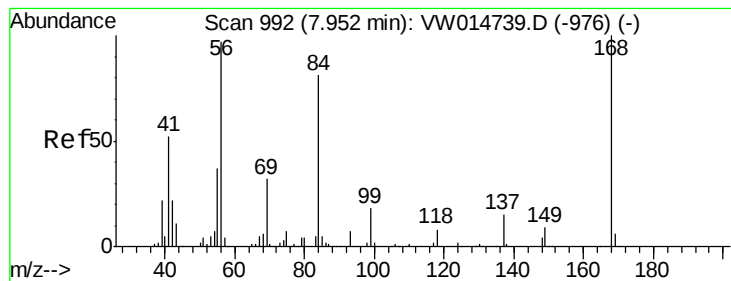
#30
Chloroform
Concen: 54.12 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion: 83 Resp: 672560
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1



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





#31

Cyclohexane

Concen: 52.02 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

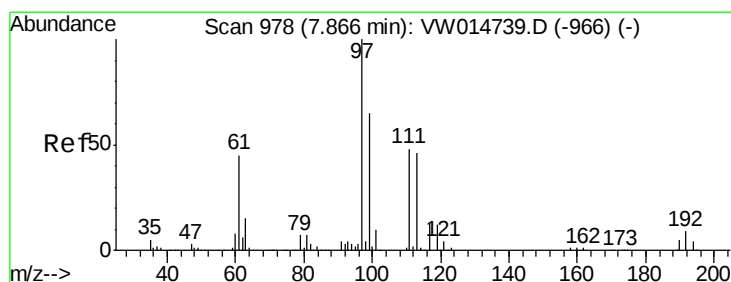
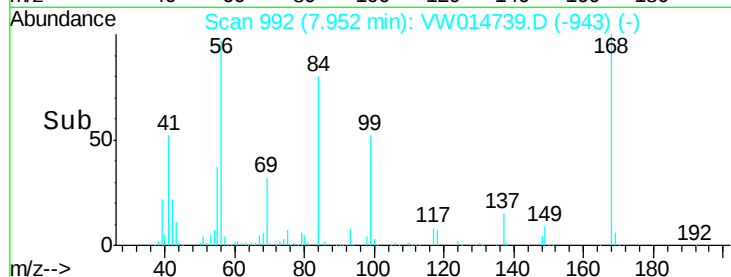
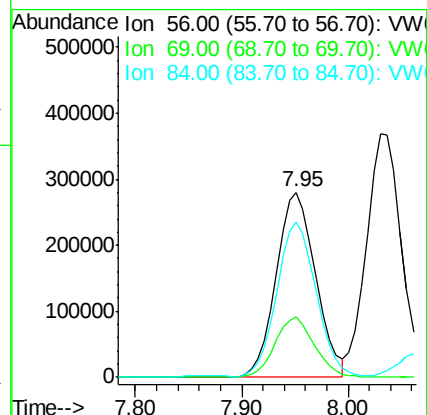
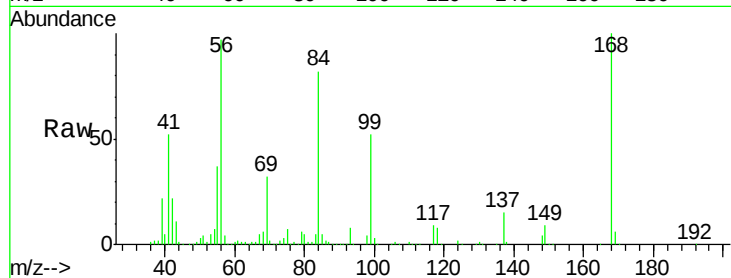
Tgt Ion: 56 Resp: 717775

Ion Ratio Lower Upper

56 100

69 32.5 26.0 39.0

84 83.2 66.6 99.8



#32

1,1,1-Trichloroethane

Concen: 54.26 ug/l

RT: 7.87 min Scan# 978

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

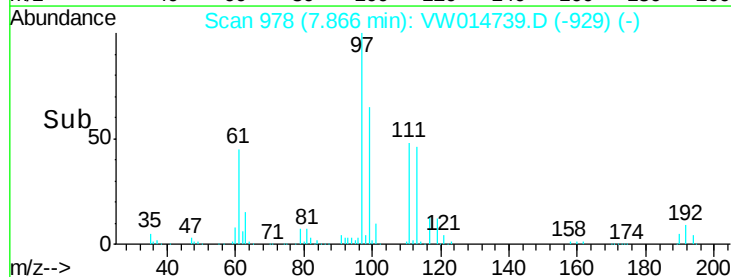
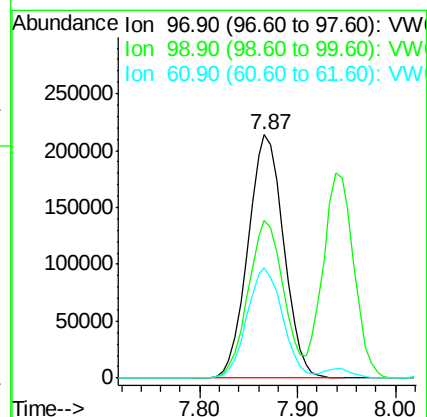
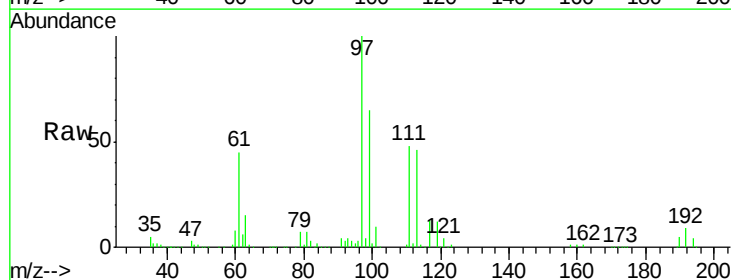
Tgt Ion: 97 Resp: 541760

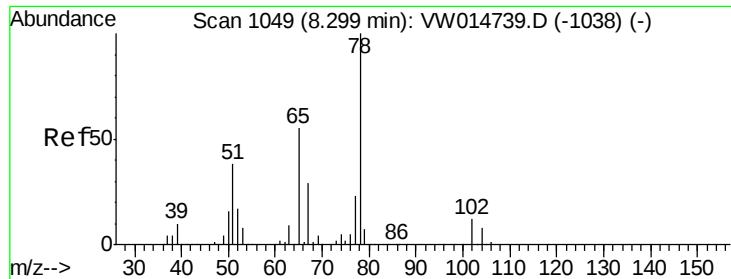
Ion Ratio Lower Upper

97 100

99 65.3 52.2 78.4

61 45.3 36.2 54.4

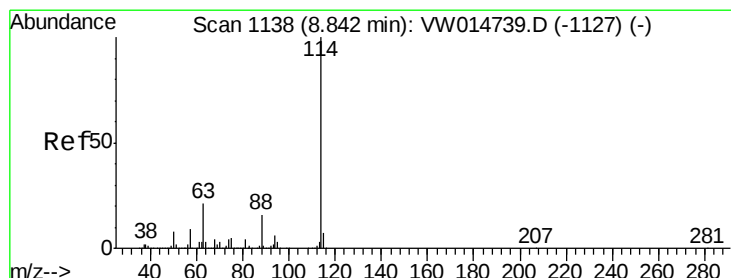
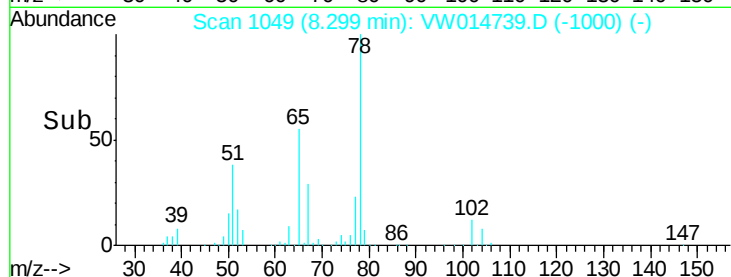
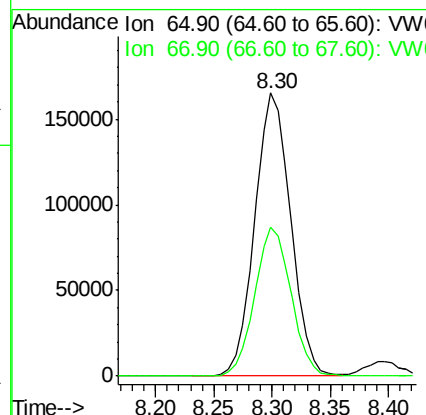
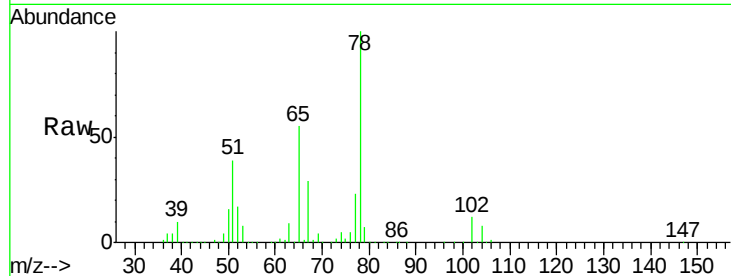




#33
 1,2-Dichloroethane-d4
 Concen: 55.16 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

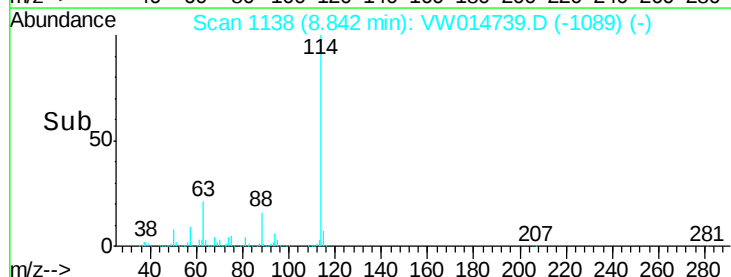
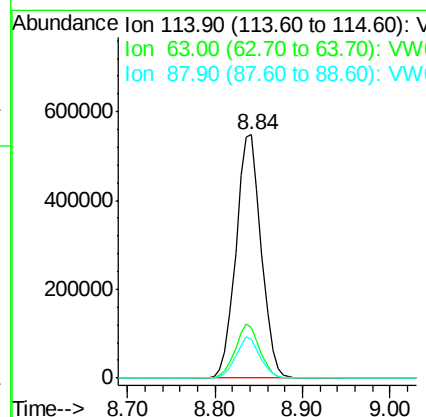
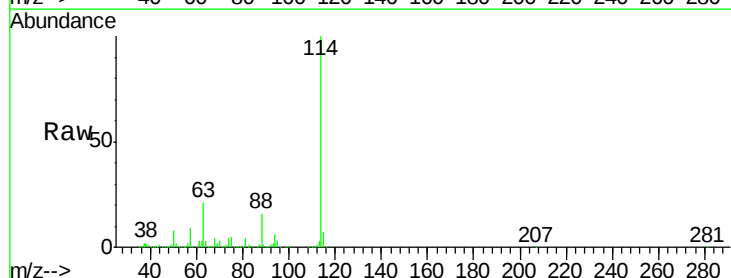
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

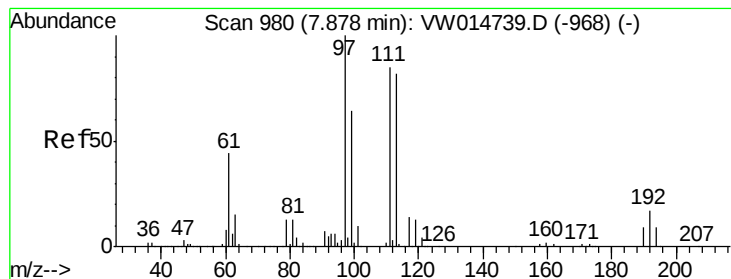
Tgt Ion: 65 Resp: 356703
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion: 114 Resp: 1098749
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 16.1 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.89 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

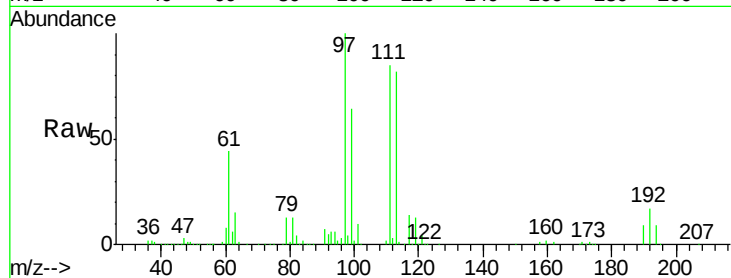
Tgt Ion: 113 Resp: 335190

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

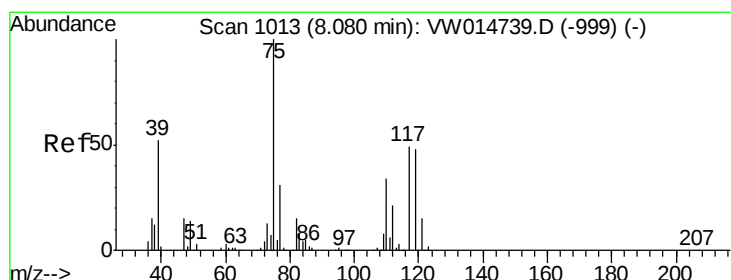
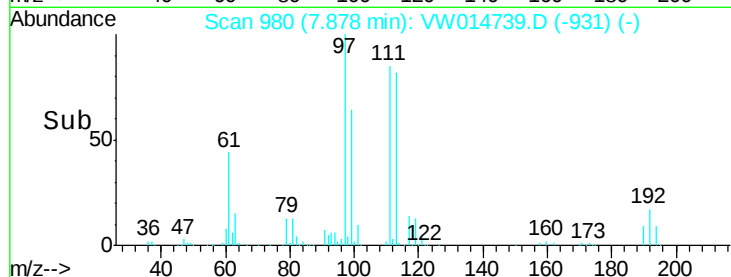
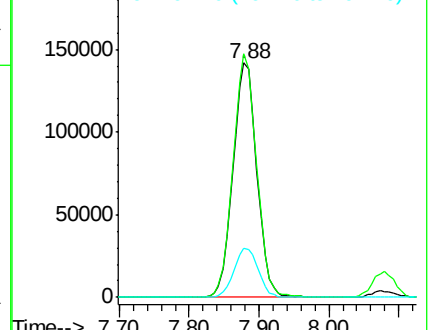
192 21.3 17.0 25.6



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: 53.80 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

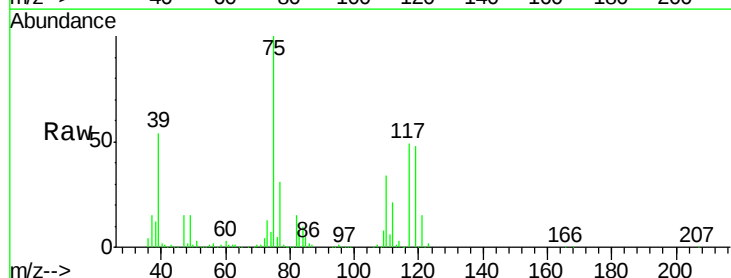
Tgt Ion: 75 Resp: 578375

Ion Ratio Lower Upper

75 100

110 34.1 17.1 51.2

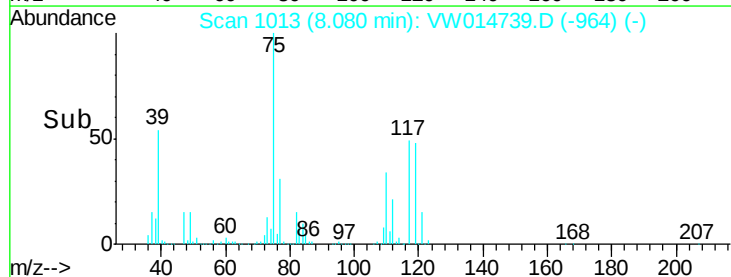
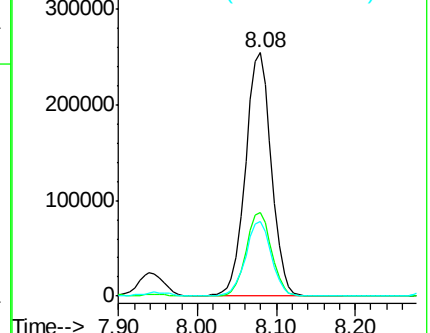
77 31.0 24.8 37.2

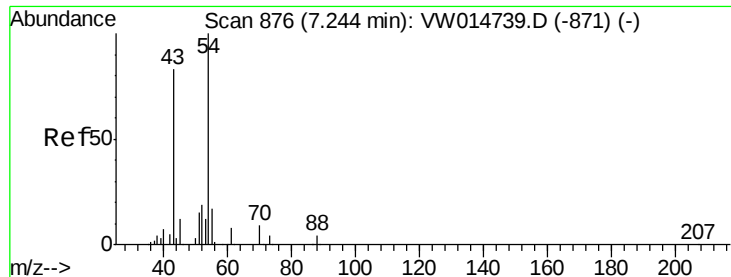


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

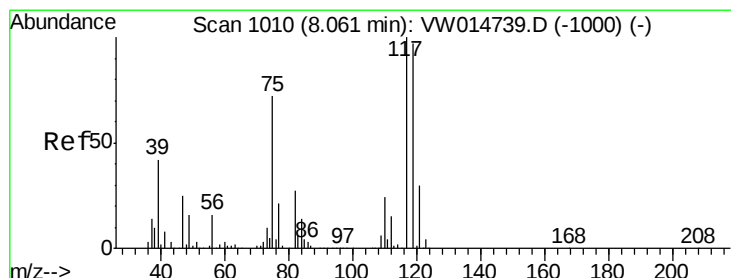
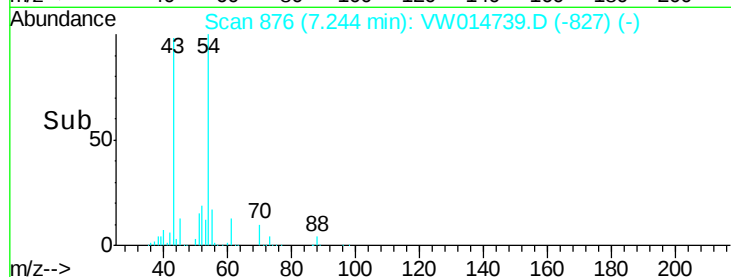
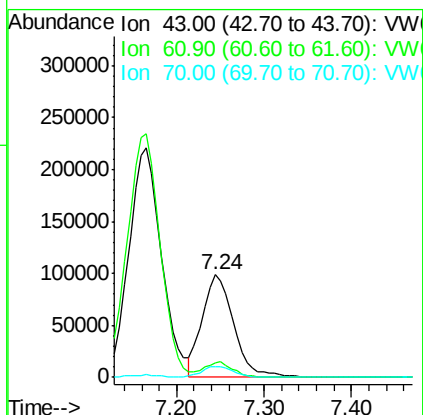
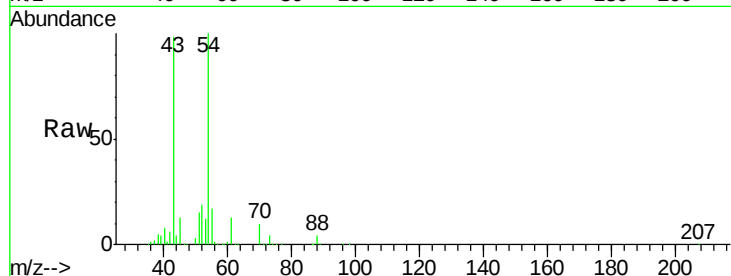




#37
Ethyl Acetate
Concen: 51.73 ug/l
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

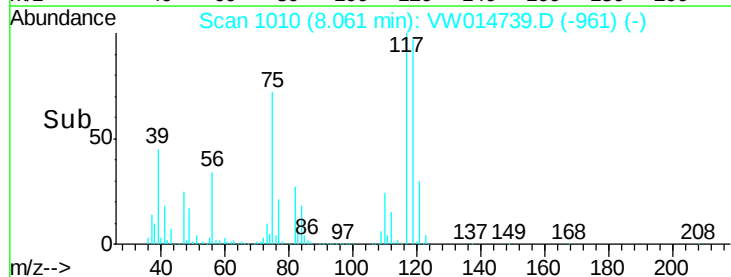
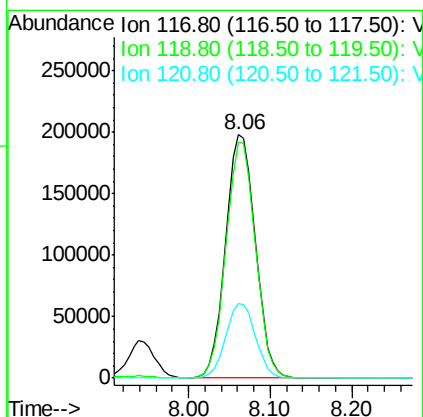
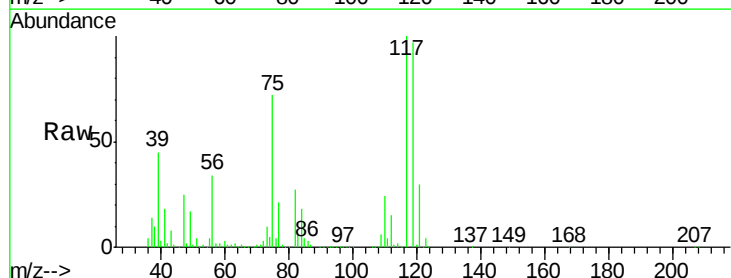
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

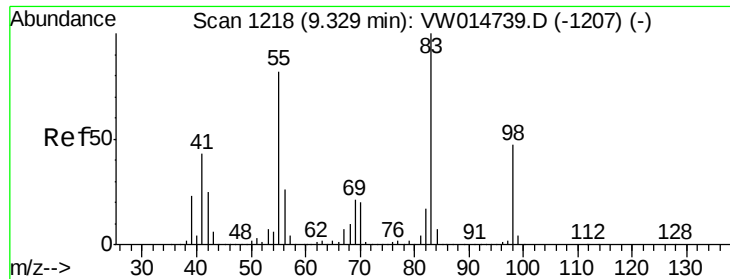
Tgt Ion: 43 Resp: 245899
Ion Ratio Lower Upper
43 100
61 13.4 10.7 16.1
70 10.6 8.5 12.7



#38
Carbon Tetrachloride
Concen: 53.49 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion: 117 Resp: 498486
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 30.4 24.3 36.5

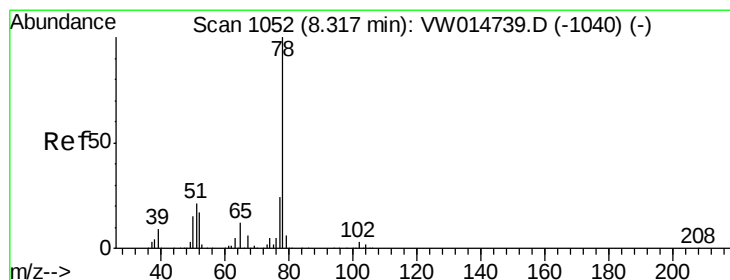
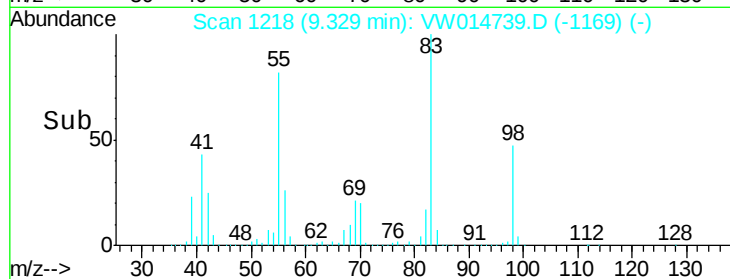
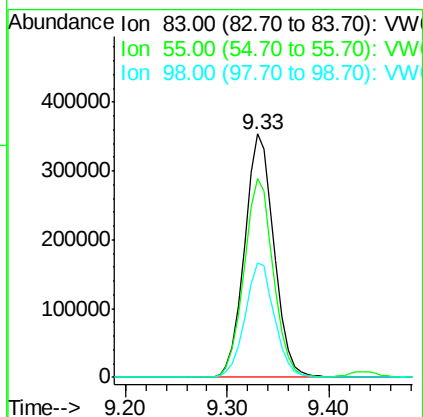
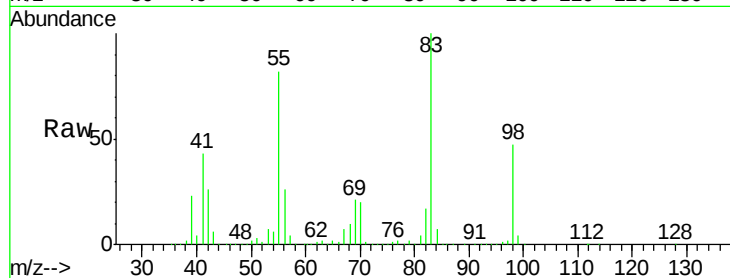




#39
Methylcyclohexane
Concen: 51.79 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

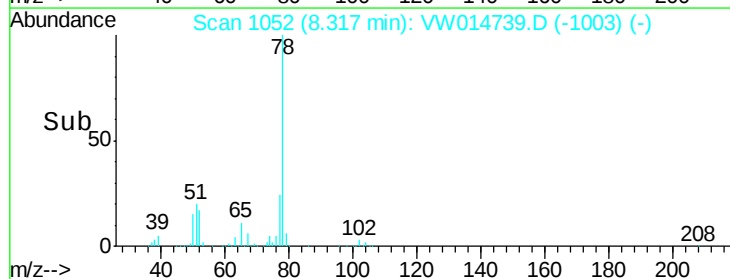
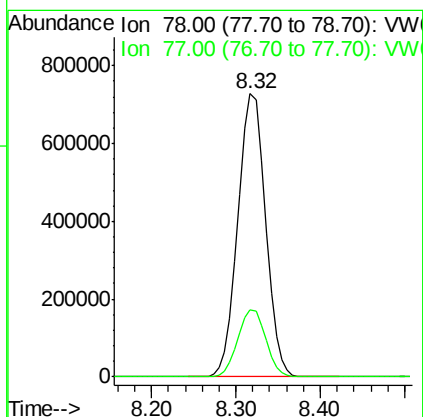
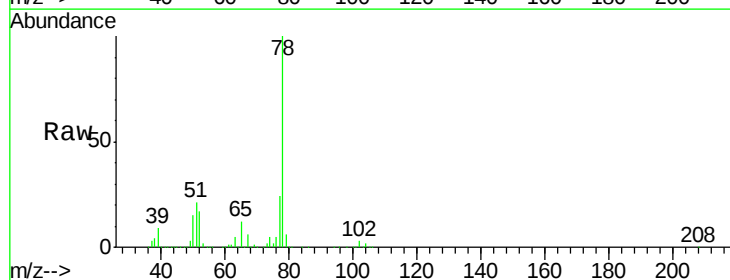
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

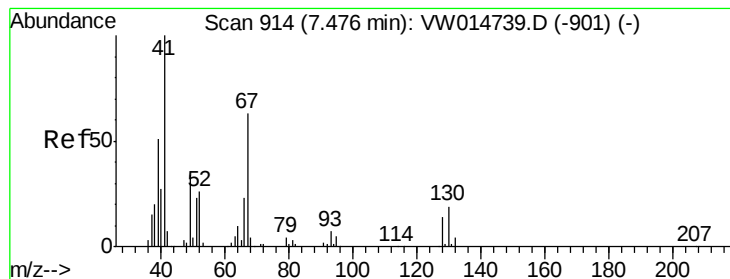
Tgt Ion: 83 Resp: 708687
Ion Ratio Lower Upper
83 100
55 81.5 65.2 97.8
98 47.0 37.6 56.4



#40
Benzene
Concen: 53.18 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion: 78 Resp: 1616357
Ion Ratio Lower Upper
78 100
77 23.9 19.1 28.7





#41

Methacrylonitrile

Concen: 52.93 ug/l

RT: 7.48 min Scan# 914

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

Tgt Ion: 41 Resp: 141168

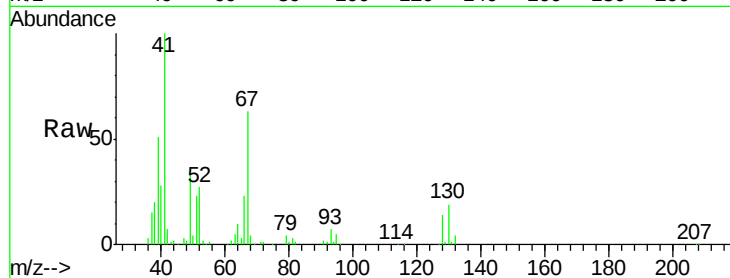
Ion Ratio Lower Upper

41 100

39 56.6 45.3 67.9

67 71.2 57.0 85.4

52 28.8 23.0 34.6

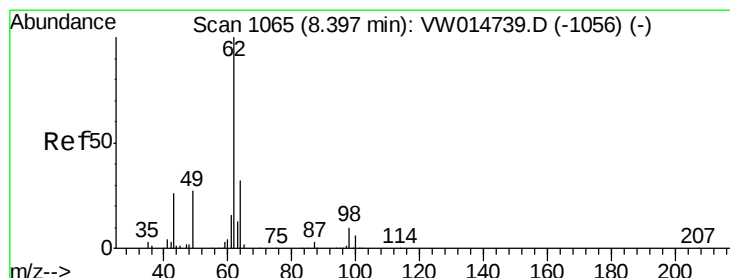
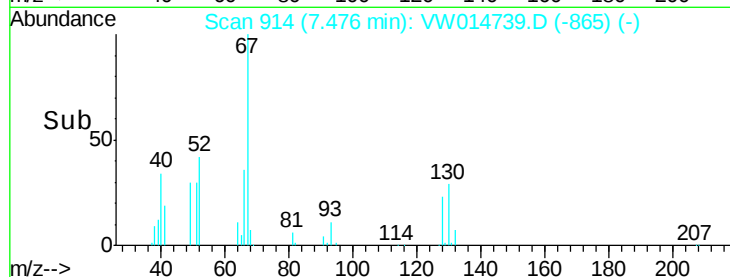
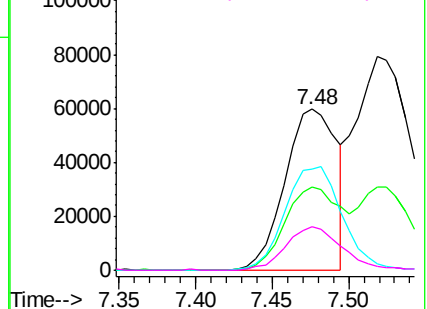


Abundance Ion 41.00 (40.70 to 41.70): VW

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: 54.74 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

Lab File: VW014739.D

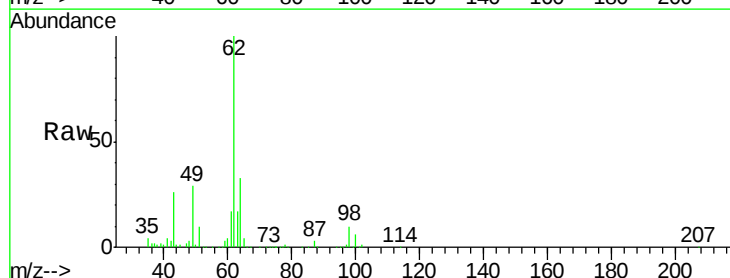
Acq: 24 Jan 2020 11:52

Tgt Ion: 62 Resp: 433151

Ion Ratio Lower Upper

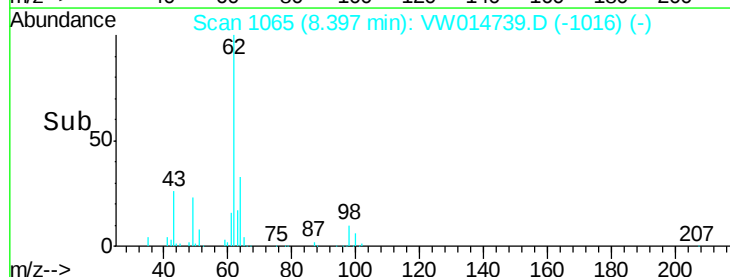
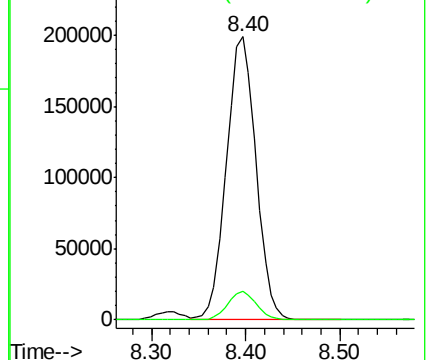
62 100

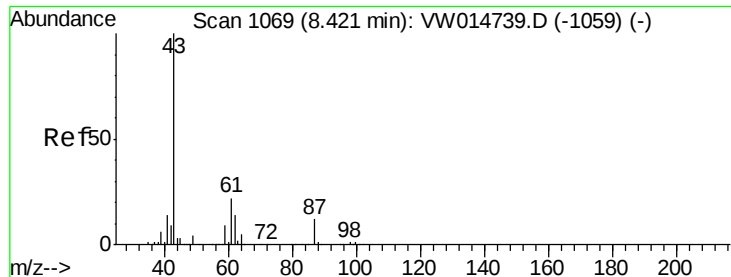
98 9.8 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 52.85 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

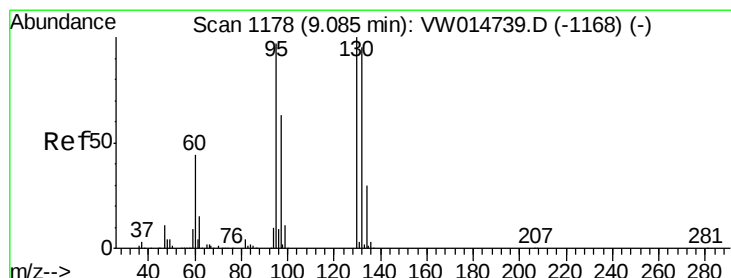
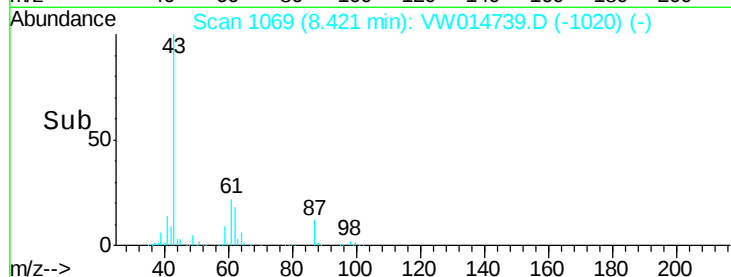
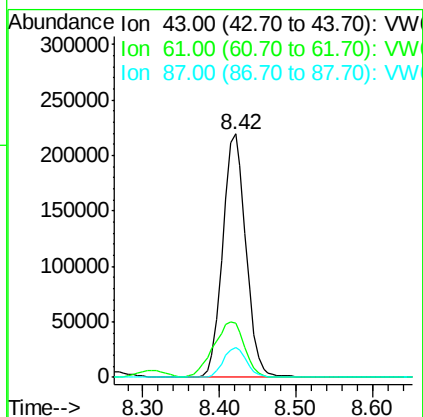
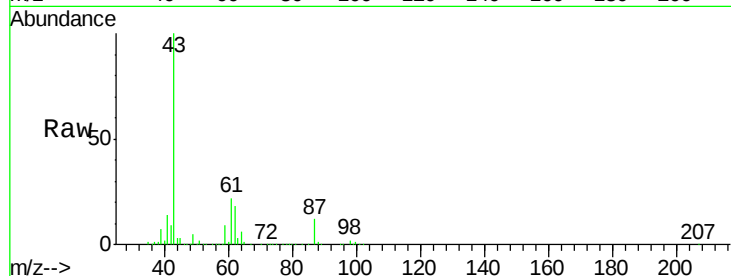
Tgt Ion: 43 Resp: 459692

Ion Ratio Lower Upper

43 100

61 30.5 24.4 36.6

87 12.2 9.8 14.6



#44

Trichloroethene

Concen: 50.60 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW014739.D

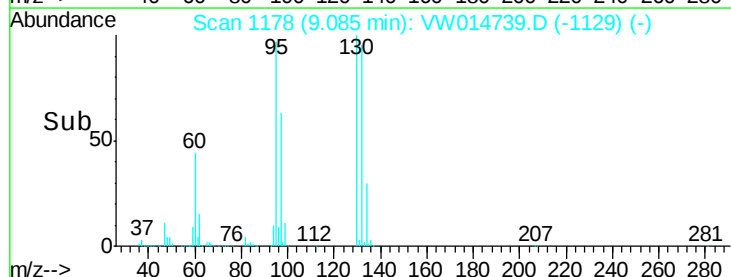
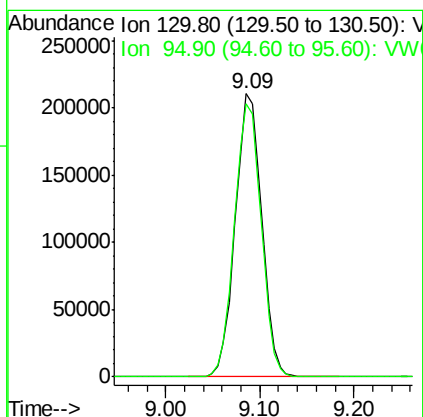
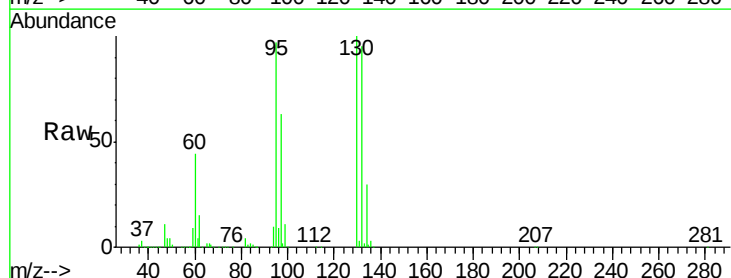
Acq: 24 Jan 2020 11:52

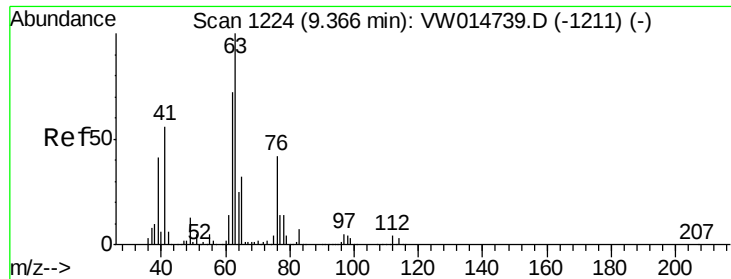
Tgt Ion: 130 Resp: 412534

Ion Ratio Lower Upper

130 100

95 96.6 0.0 193.2

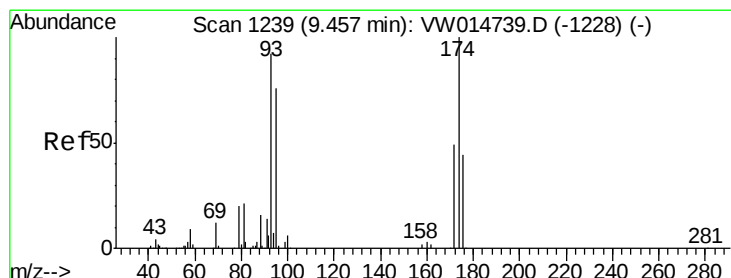
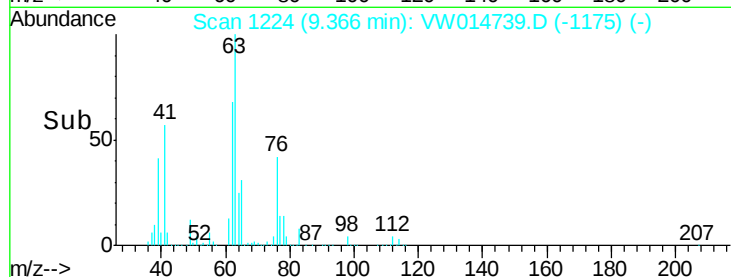
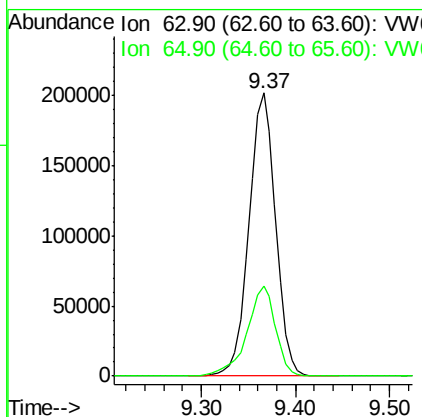
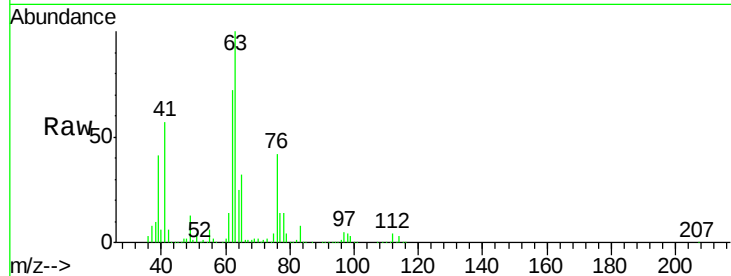




#45
 1,2-Dichloropropane
 Concen: 53.79 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

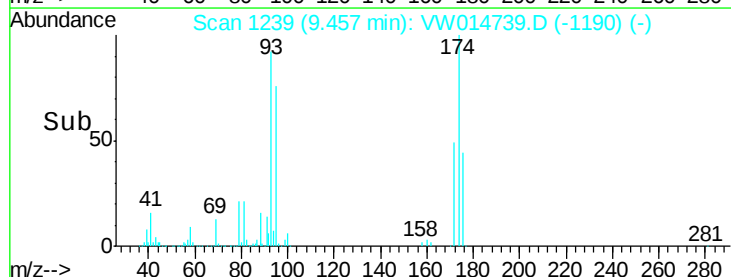
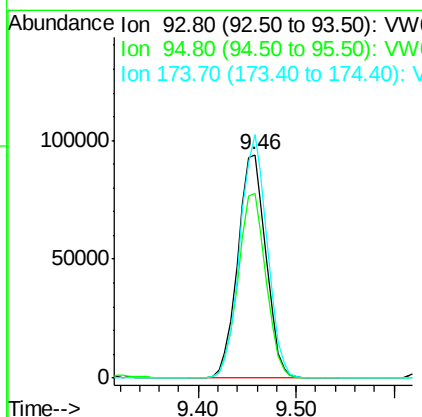
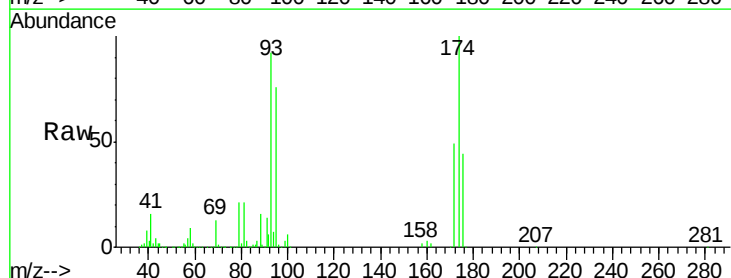
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

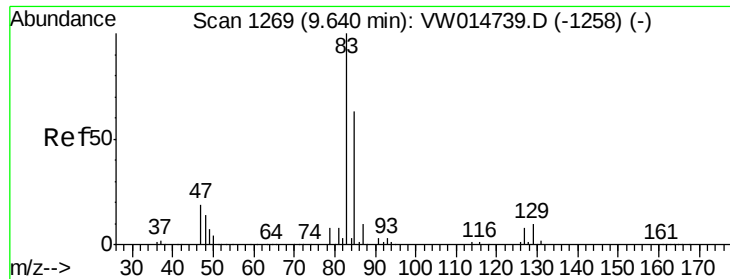
Tgt Ion: 63 Resp: 401622
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.3 37.9



#46
 Dibromomethane
 Concen: 51.74 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion: 93 Resp: 187896
 Ion Ratio Lower Upper
 93 100
 95 81.8 65.4 98.2
 174 105.2 84.2 126.2





#47

Bromodichloromethane

Concen: 54.34 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

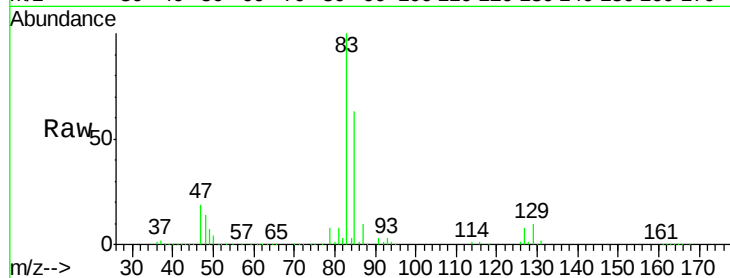
Tgt Ion: 83 Resp: 493999

Ion Ratio Lower Upper

83 100

85 62.6 50.1 75.1

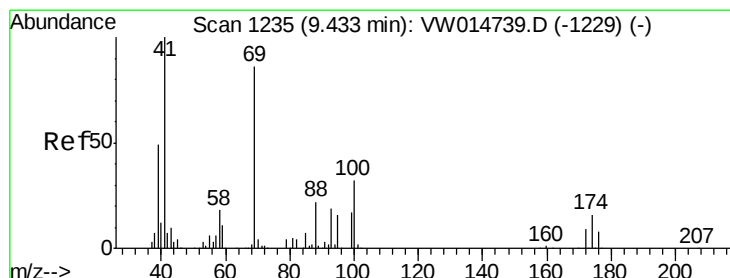
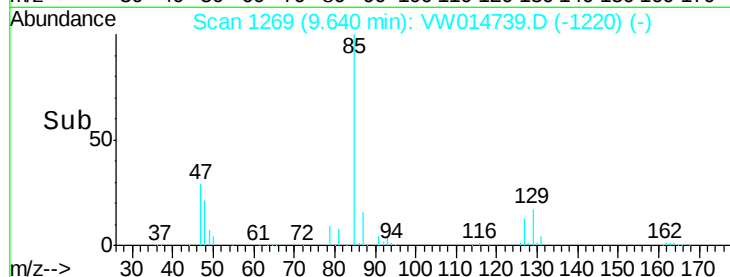
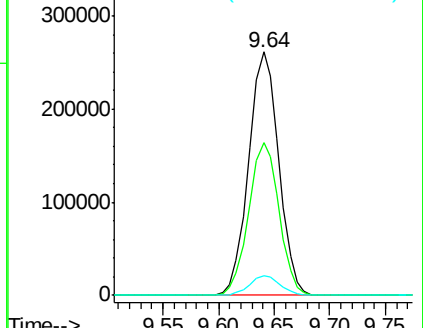
127 8.1 6.5 9.7



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): V



#48

Methyl methacrylate

Concen: 51.29 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

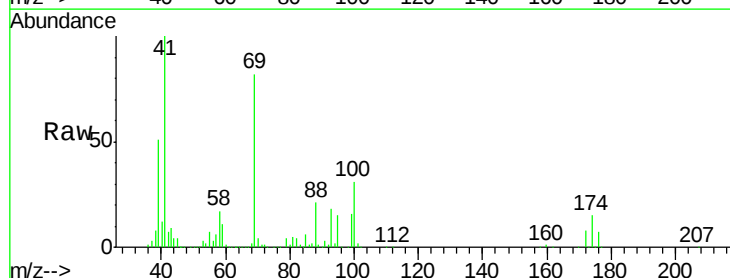
Tgt Ion: 41 Resp: 215532

Ion Ratio Lower Upper

41 100

69 87.0 69.6 104.4

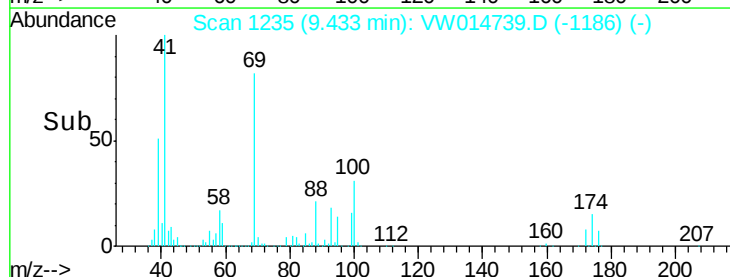
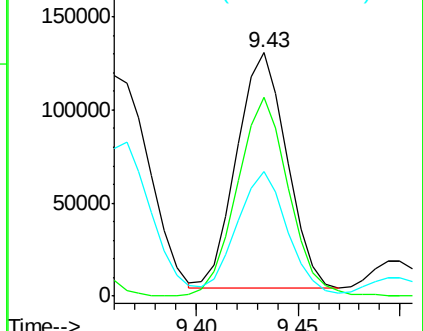
39 50.3 40.2 60.4

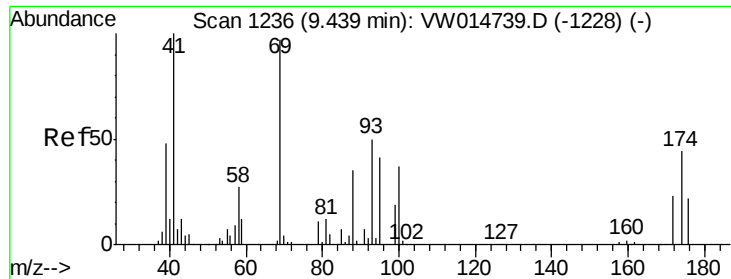


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW

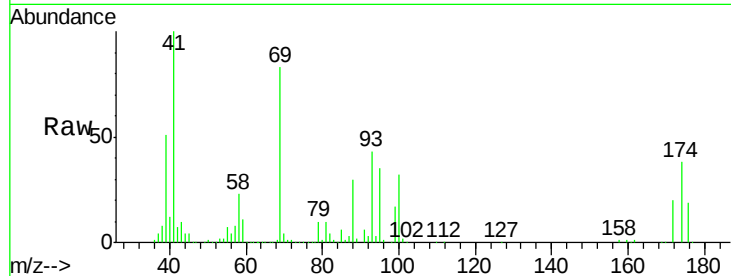




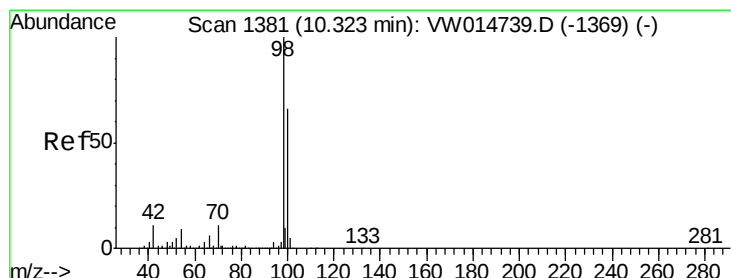
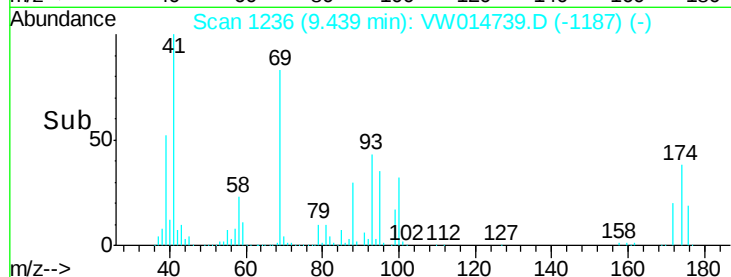
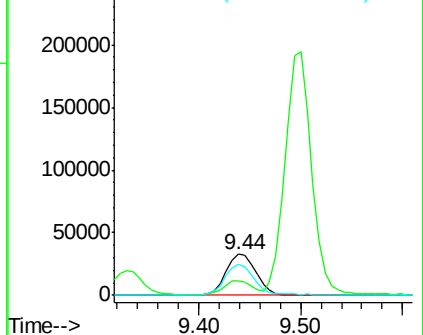
#49
 1,4-Dioxane
 Concen: 1017.90 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 88 Resp: 67702
 Ion Ratio Lower Upper
 88 100
 43 33.9 27.1 40.7
 58 73.4 58.7 88.1

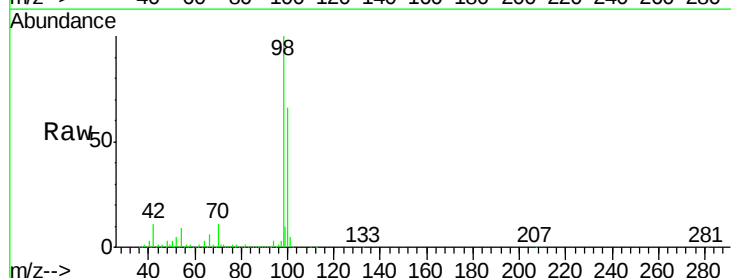


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

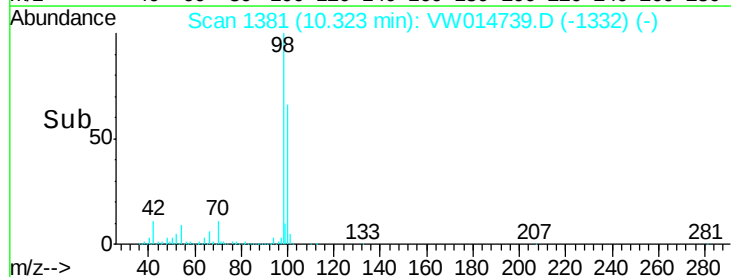
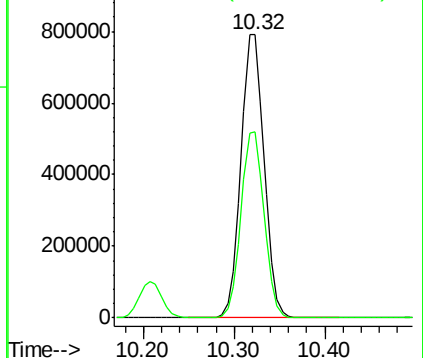


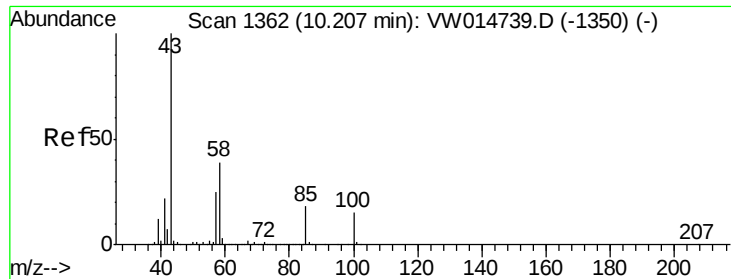
#50
 Toluene-d8
 Concen: 52.99 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion: 98 Resp: 1404852
 Ion Ratio Lower Upper
 98 100
 100 65.8 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW

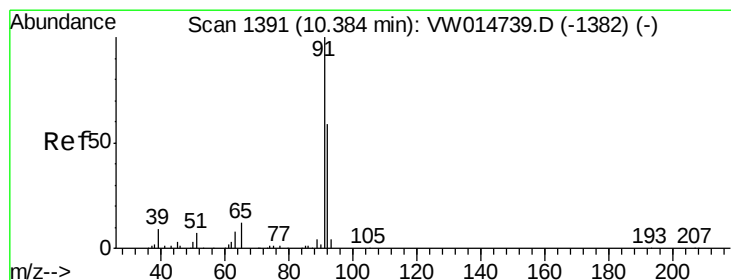
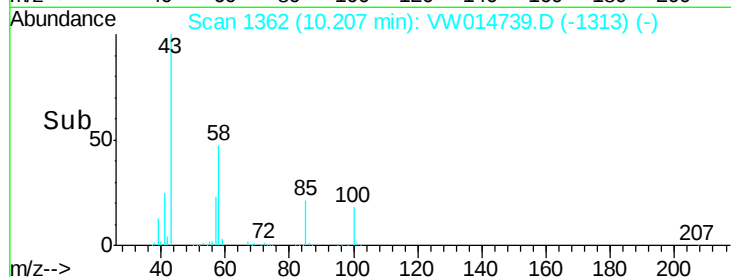
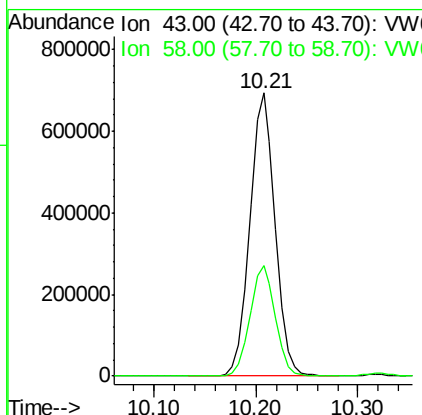
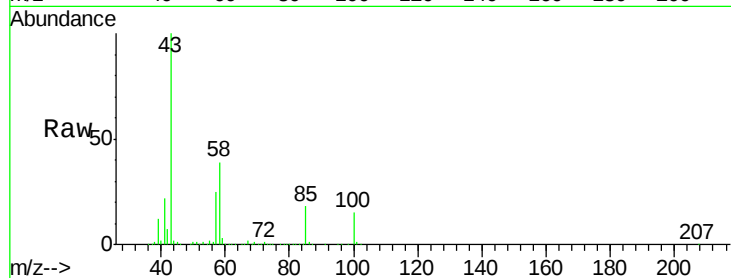




#51
 4-Methyl-2-Pentanone
 Concen: 265.90 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

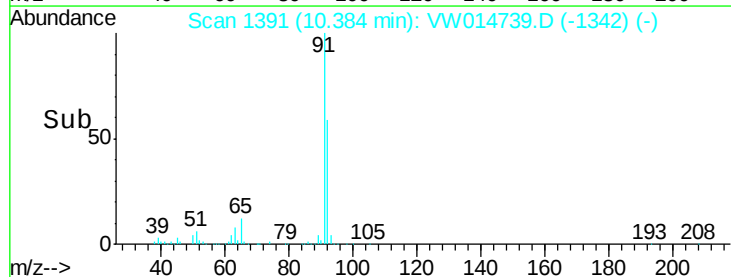
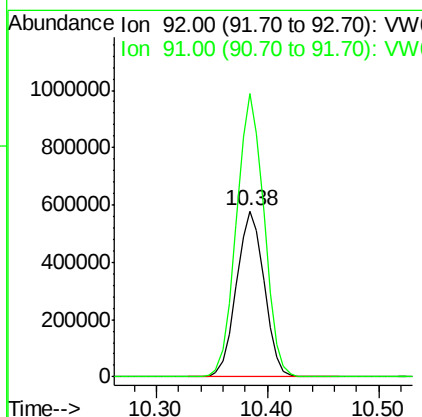
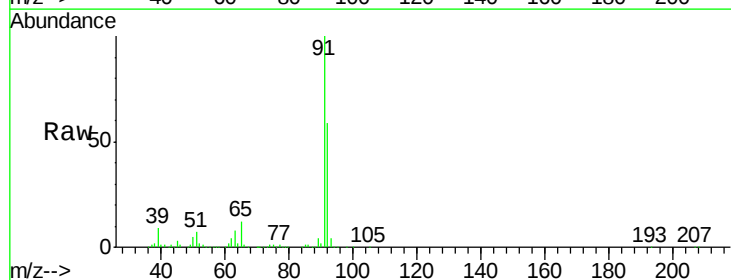
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

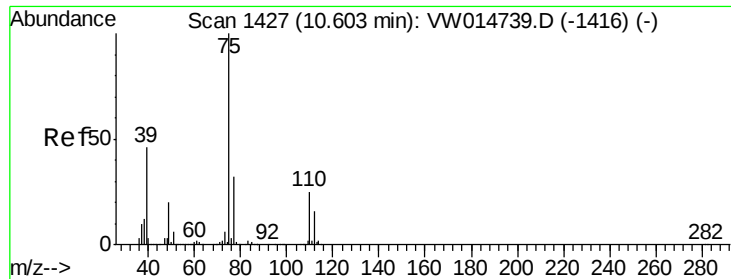
Tgt Ion: 43 Resp: 1195465
 Ion Ratio Lower Upper
 43 100
 58 39.2 31.4 47.0



#52
 Toluene
 Concen: 52.36 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion: 92 Resp: 995357
 Ion Ratio Lower Upper
 92 100
 91 169.8 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 52.95 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

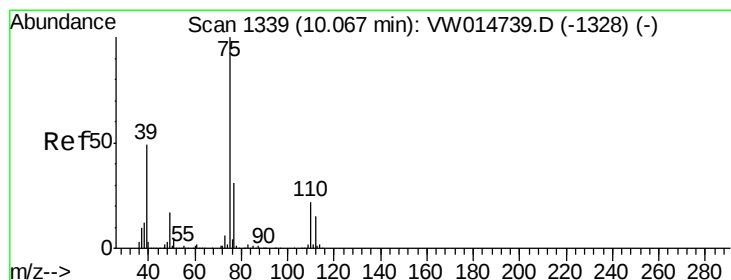
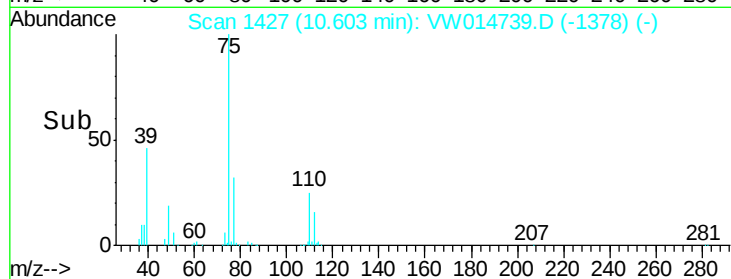
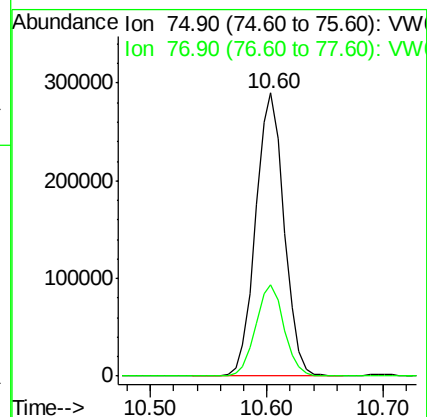
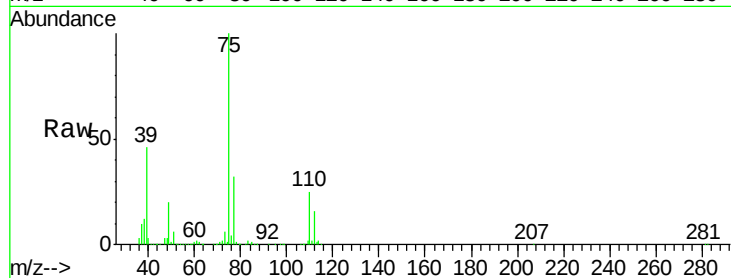
VSTDICCC050

Tgt Ion: 75 Resp: 492901

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 53.25 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

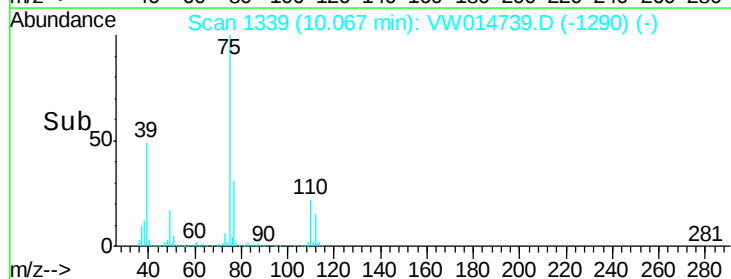
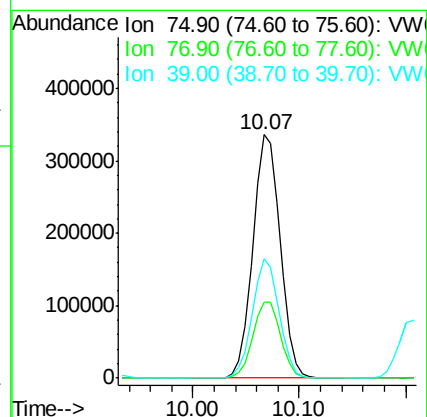
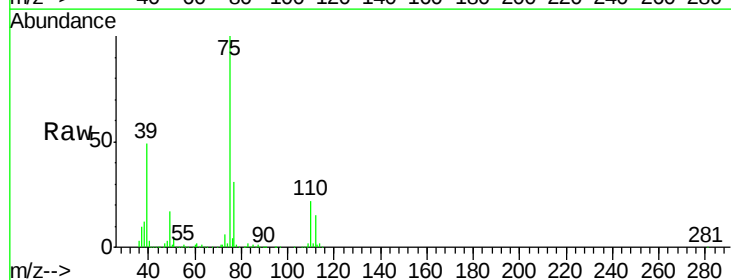
Tgt Ion: 75 Resp: 608416

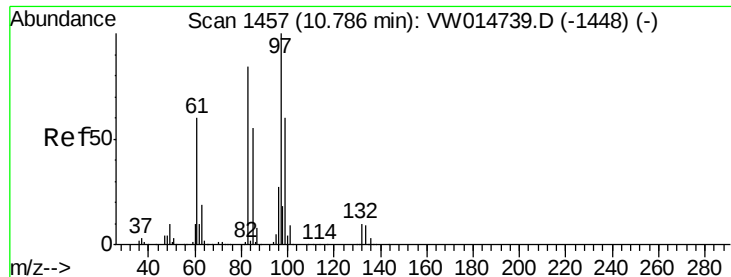
Ion Ratio Lower Upper

75 100

77 31.2 25.0 37.4

39 48.8 39.0 58.6

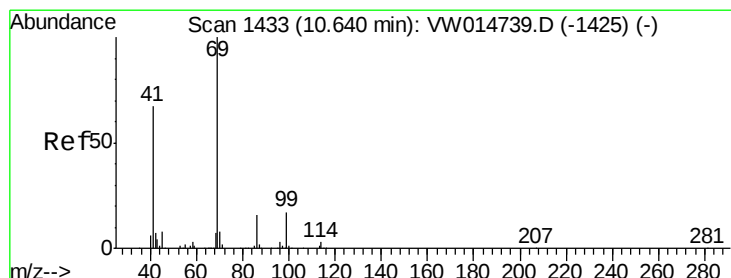
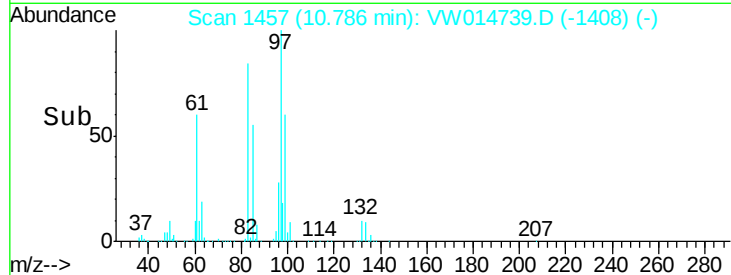
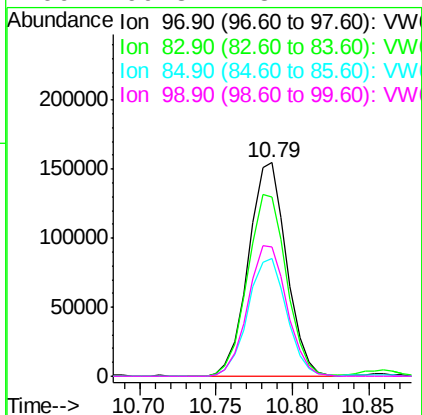
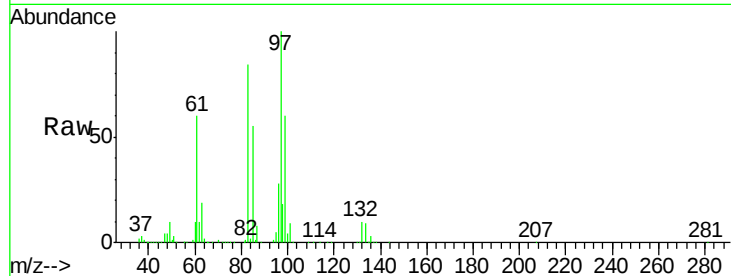




#55
 1,1,2-Trichloroethane
 Concen: 50.79 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

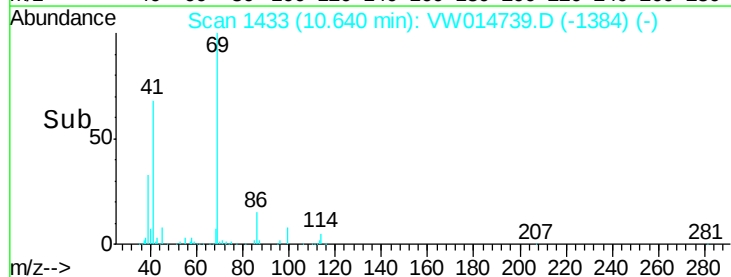
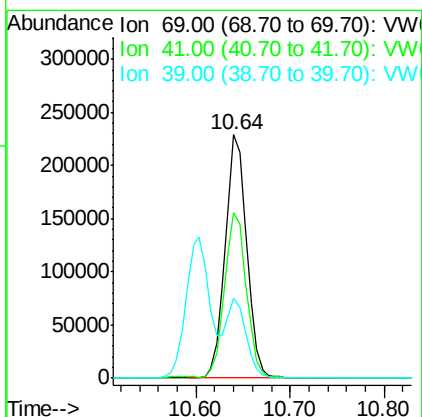
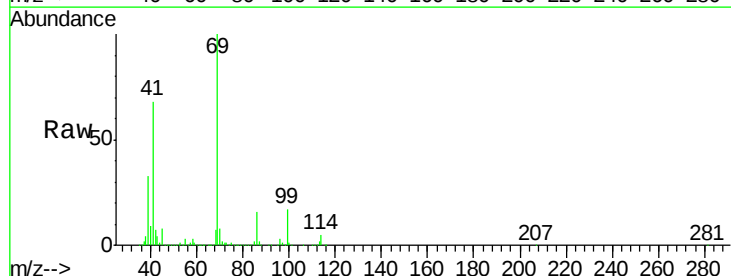
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

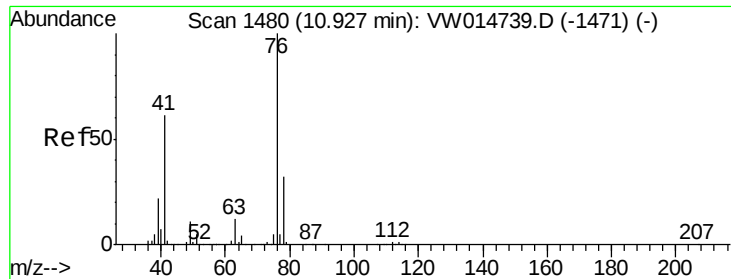
Tgt Ion:	97	Resp:	268494
Ion	Ratio	Lower	Upper
97	100		
83	83.9	67.1	100.7
85	55.2	44.2	66.2
99	60.3	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 53.21 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion:	69	Resp:	363692
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.4	81.6
39	28.0	22.4	33.6

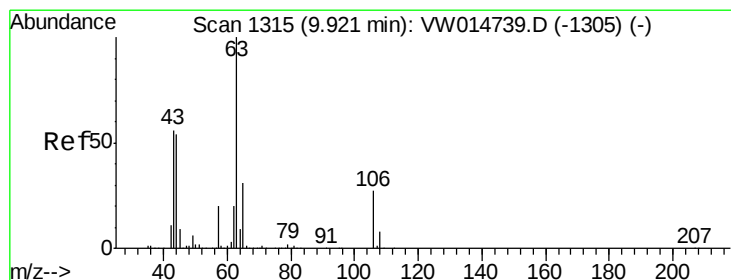
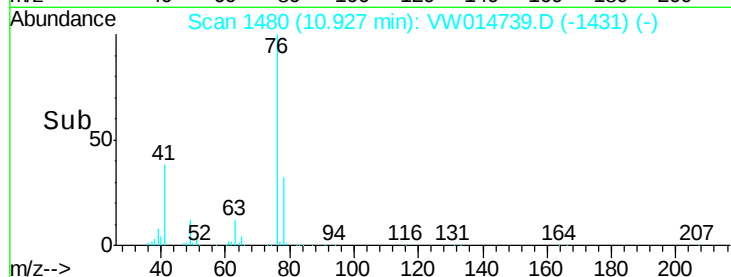
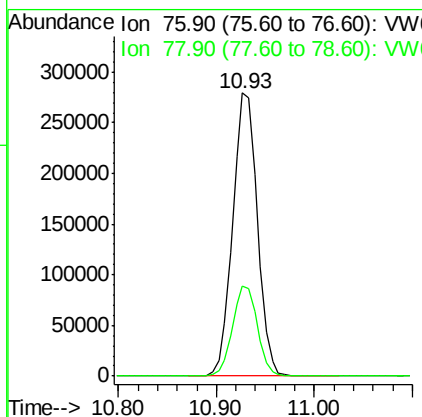
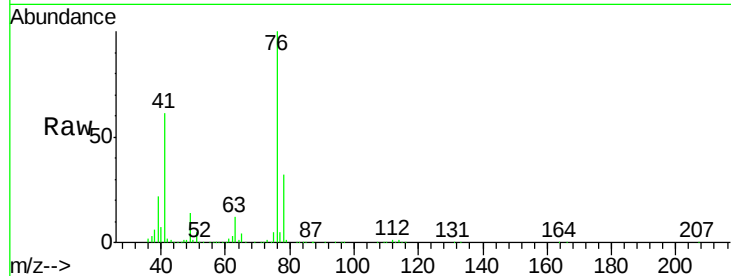




#57
 1,3-Dichloropropane
 Concen: 52.29 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

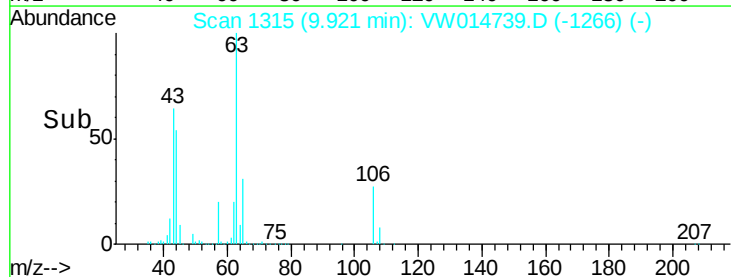
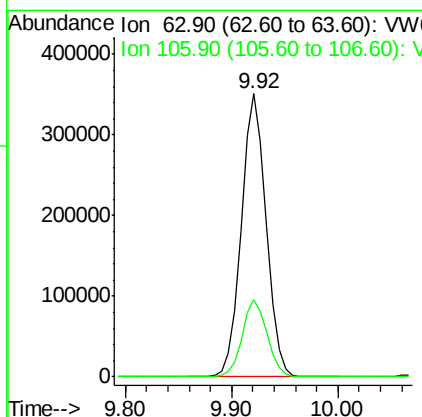
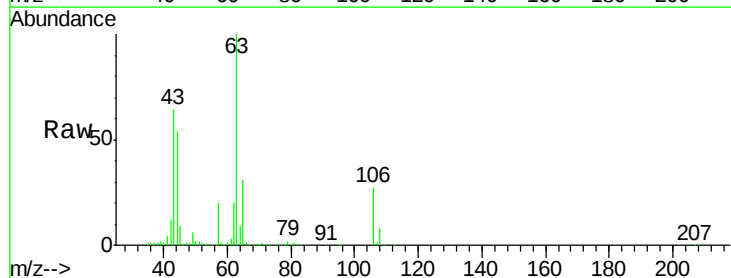
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

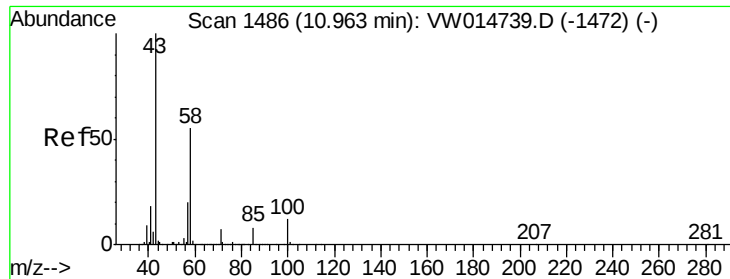
Tgt Ion: 76 Resp: 489082
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 273.95 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion: 63 Resp: 574280
 Ion Ratio Lower Upper
 63 100
 106 27.3 21.8 32.8





#59

2-Hexanone

Concen: 265.58 ug/l

RT: 10.96 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampled :

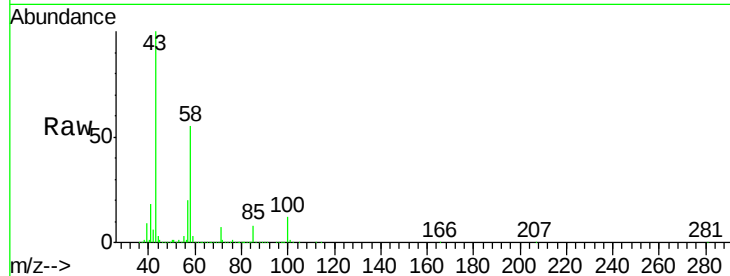
VSTDICCC050

Tgt Ion: 43 Resp: 817713

Ion Ratio Lower Upper

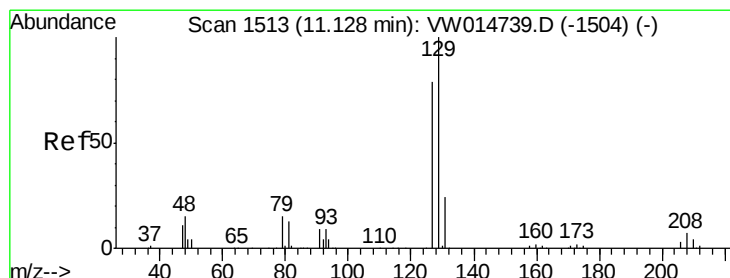
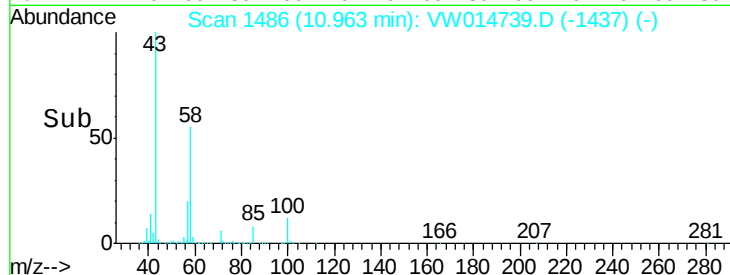
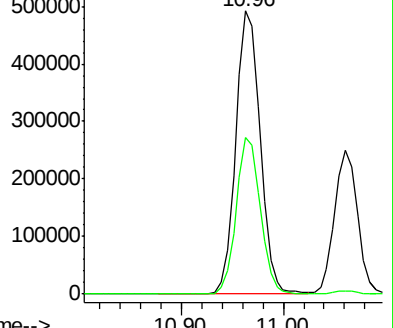
43 100

58 54.5 27.3 81.8



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#60

Dibromochloromethane

Concen: 50.81 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW014739.D

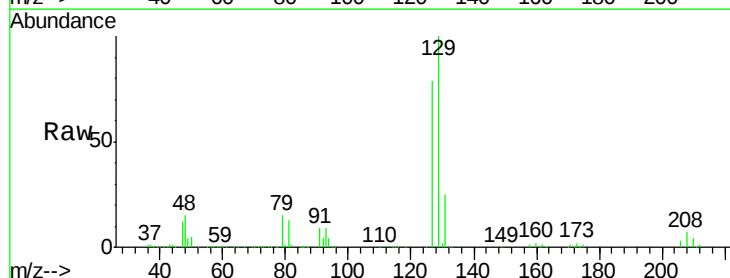
Acq: 24 Jan 2020 11:52

Tgt Ion: 129 Resp: 303021

Ion Ratio Lower Upper

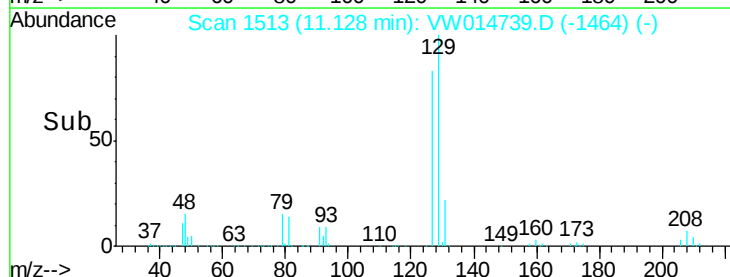
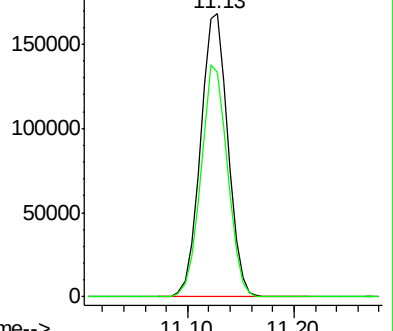
129 100

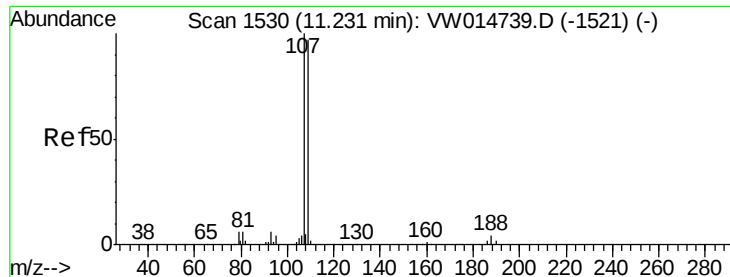
127 79.7 39.9 119.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

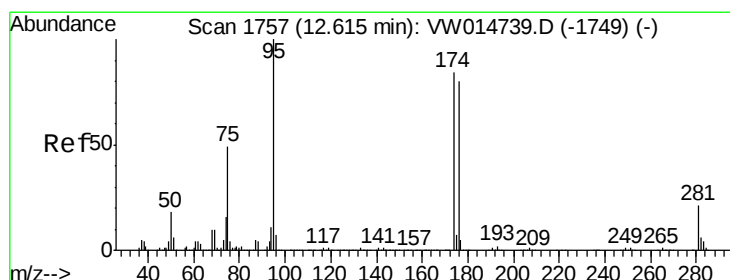
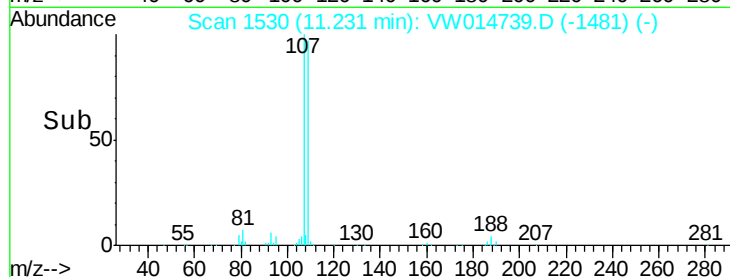
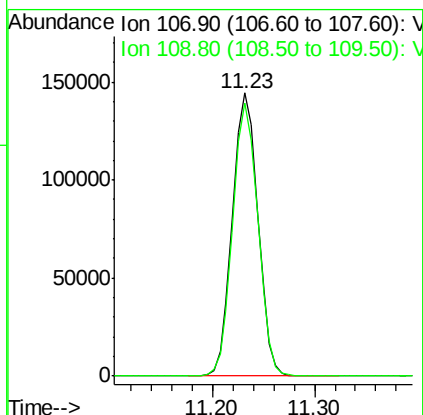
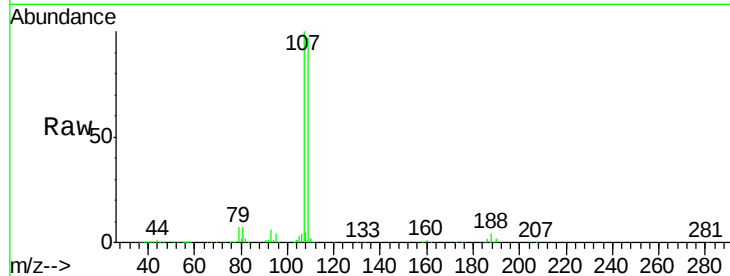




#61
 1,2-Dibromoethane
 Concen: 49.94 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

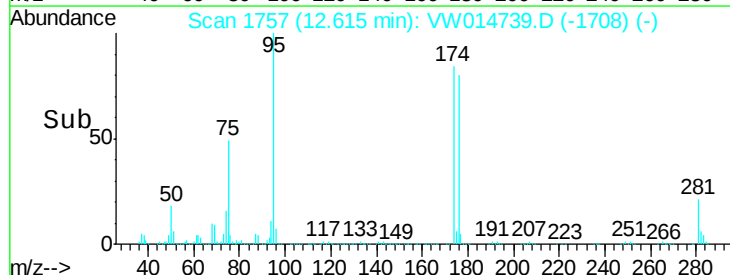
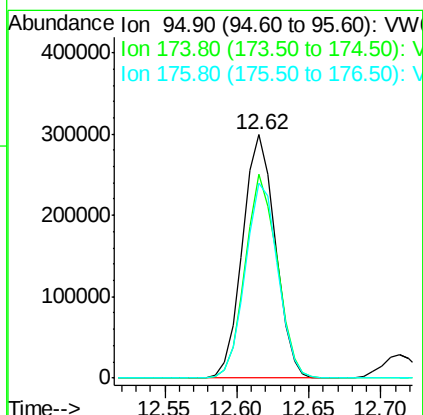
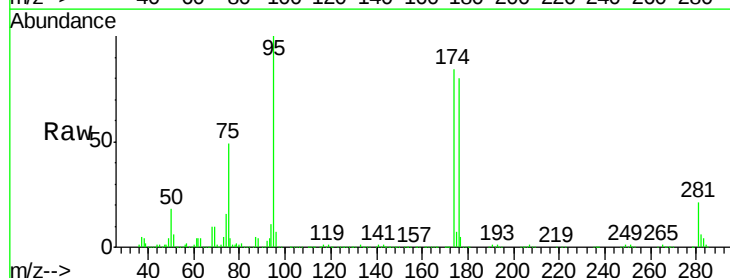
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

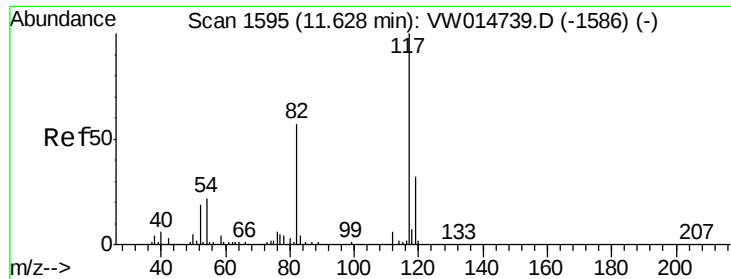
Tgt Ion: 107 Resp: 249121
 Ion Ratio Lower Upper
 107 100
 109 95.9 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 52.56 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion: 95 Resp: 471552
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 163.0
 176 79.6 0.0 159.2

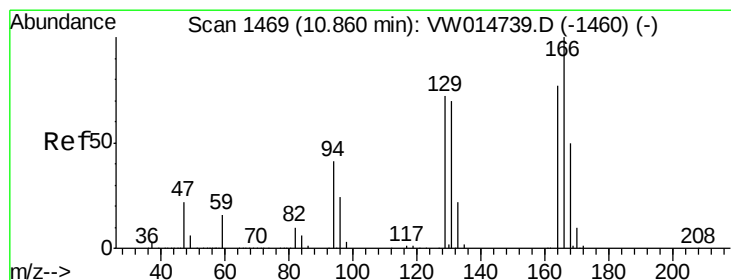
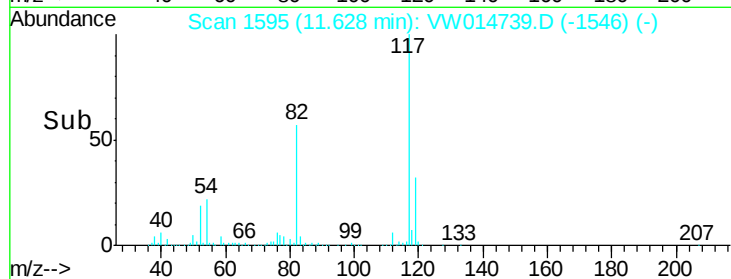
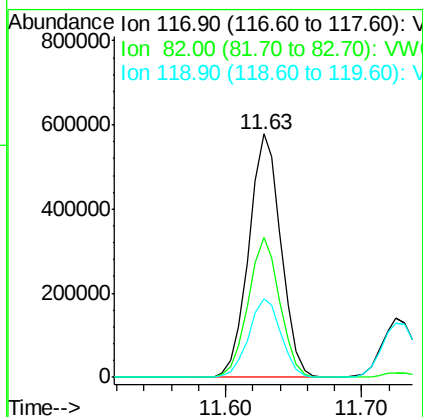
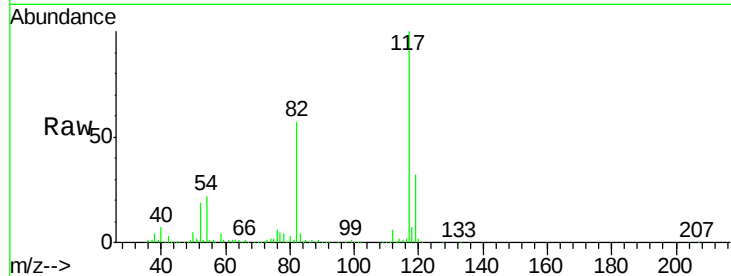




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

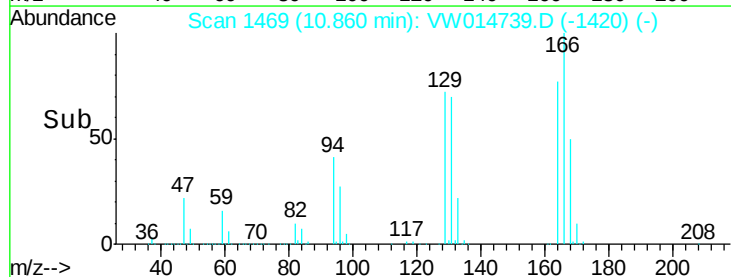
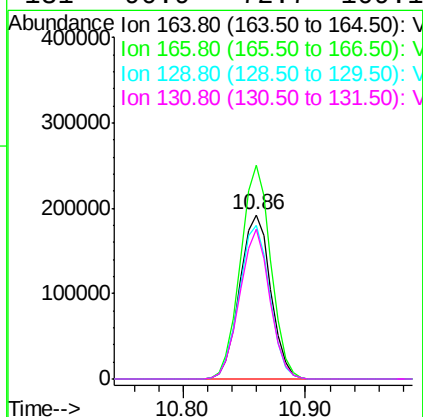
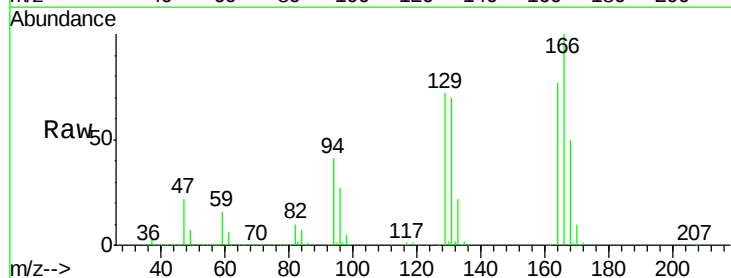
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

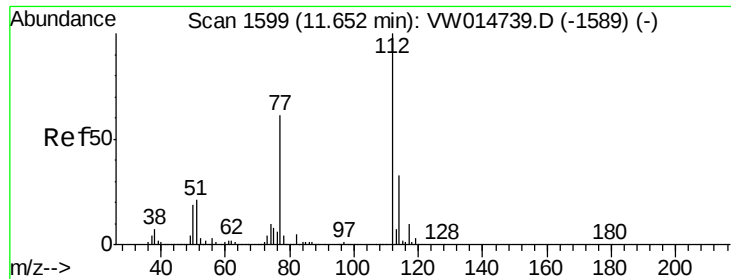
Tgt Ion:117 Resp: 957323
Ion Ratio Lower Upper
117 100
82 57.4 45.9 68.9
119 32.1 25.7 38.5



#64
Tetrachloroethene
Concen: 48.76 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion:164 Resp: 337083
Ion Ratio Lower Upper
164 100
166 130.0 104.0 156.0
129 93.7 75.0 112.4
131 90.9 72.7 109.1

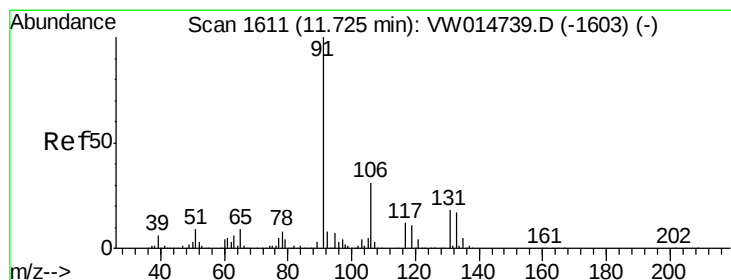
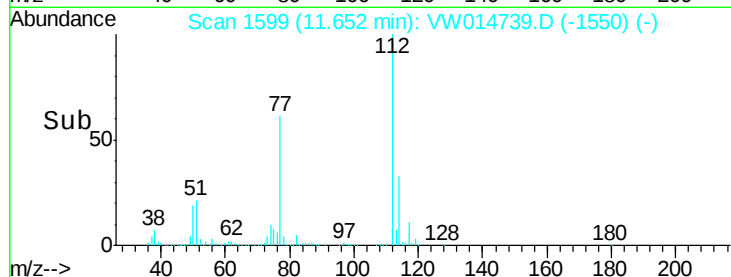
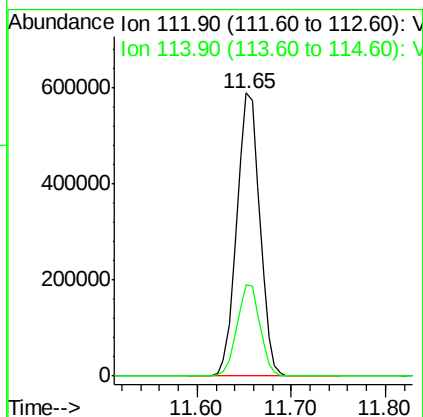
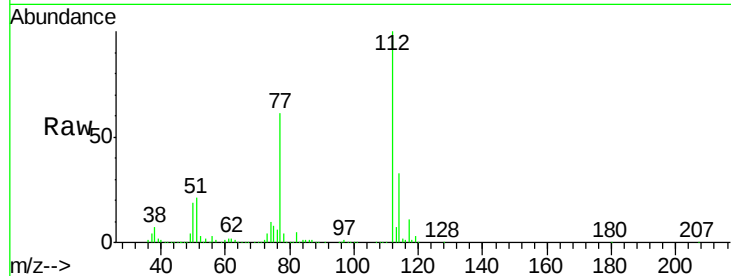




#65
Chlorobenzene
Concen: 50.83 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

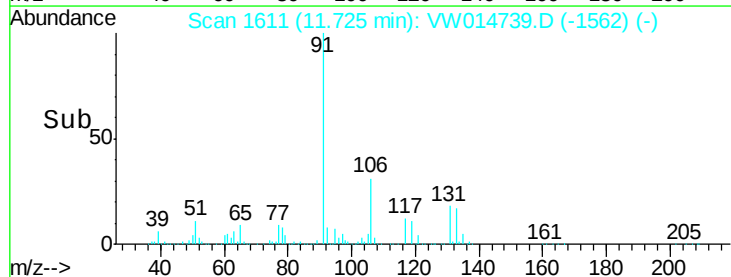
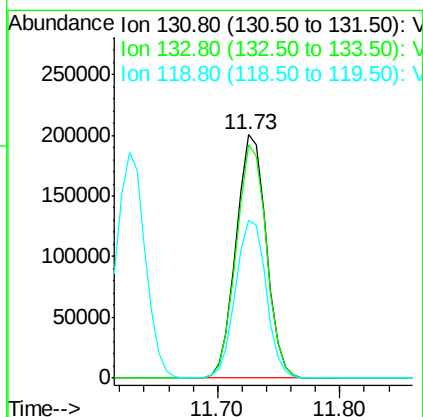
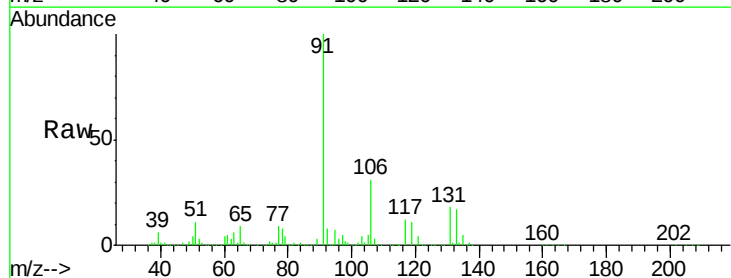
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

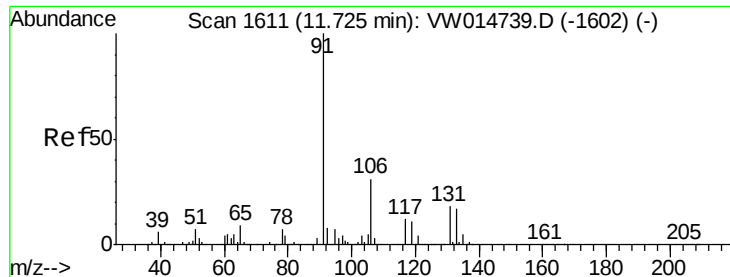
Tgt Ion:112 Resp: 1000551
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 51.61 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion:131 Resp: 341949
Ion Ratio Lower Upper
131 100
133 96.1 48.0 144.2
119 65.9 33.0 98.9

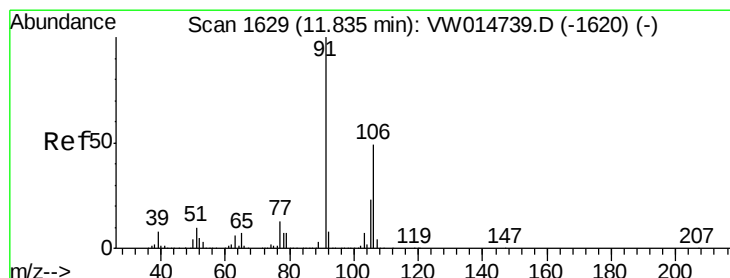
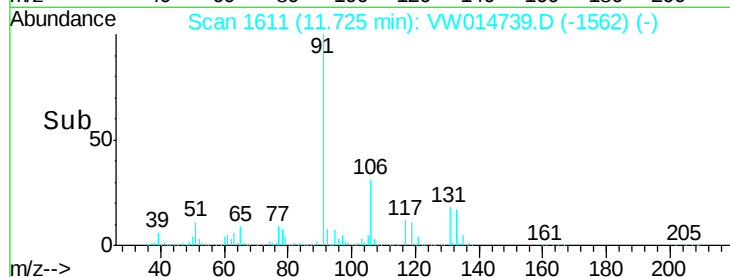
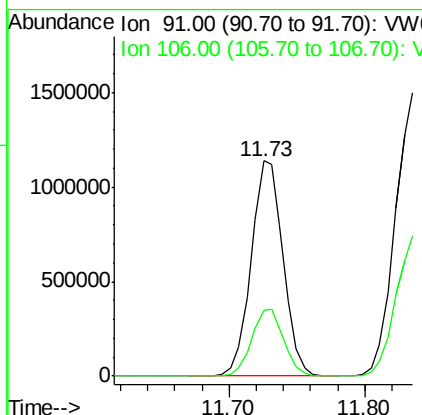
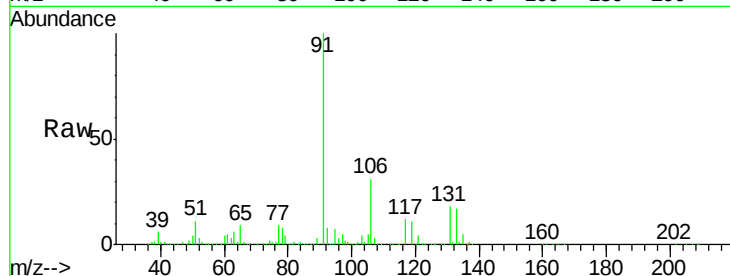




#67
Ethyl Benzene
Concen: 52.44 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

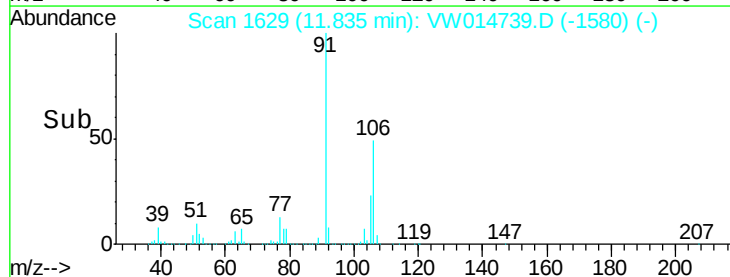
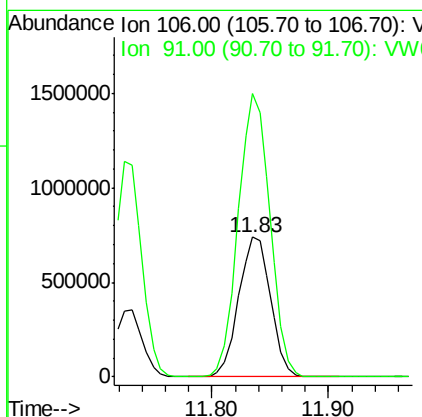
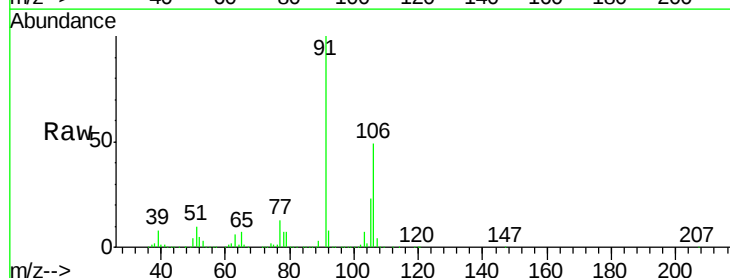
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

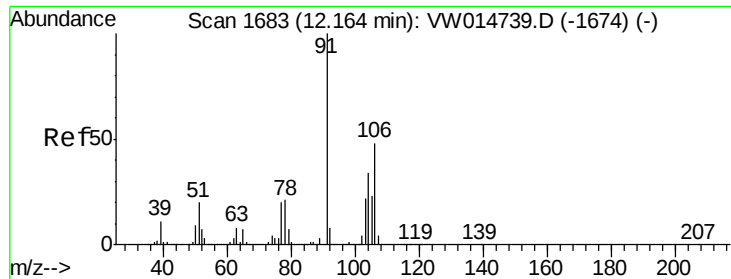
Tgt Ion: 91 Resp: 1867463
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 103.53 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion: 106 Resp: 1407752
Ion Ratio Lower Upper
106 100
91 201.7 161.4 242.0

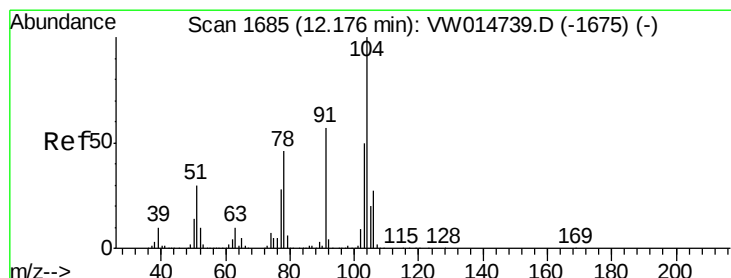
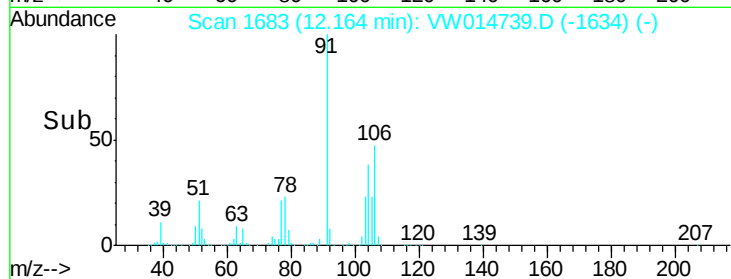
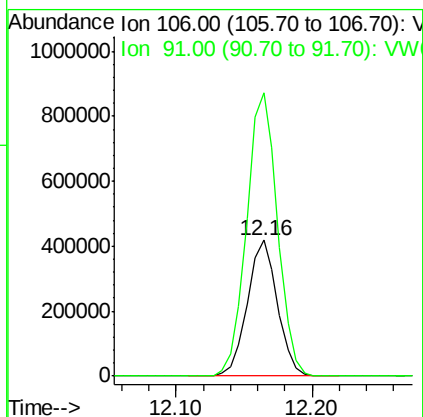
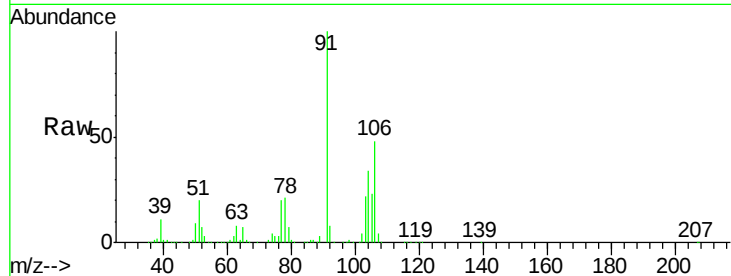




#69
o-Xylene
Concen: 51.49 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

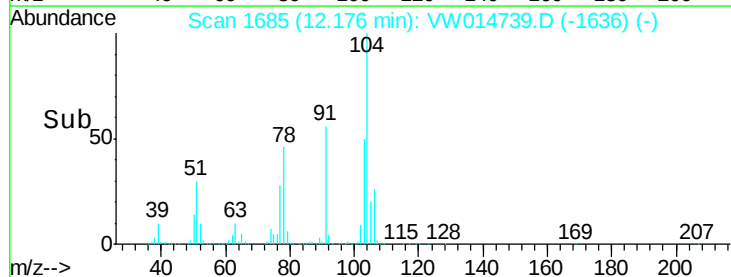
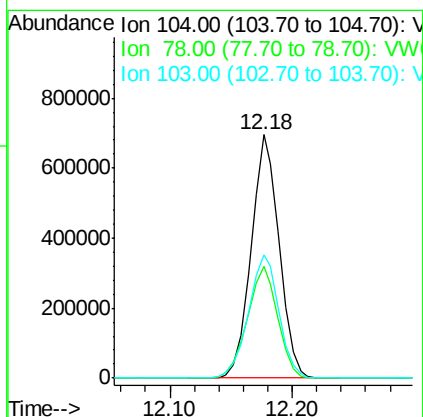
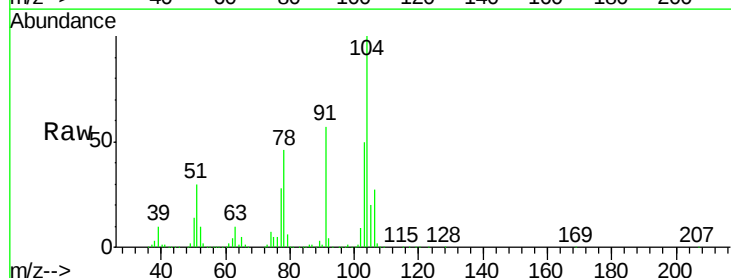
Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

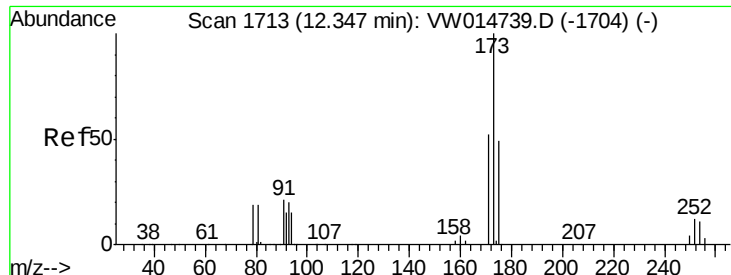
Tgt Ion:106 Resp: 646190
Ion Ratio Lower Upper
106 100
91 214.2 107.1 321.3



#70
Styrene
Concen: 52.27 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion:104 Resp: 1108073
Ion Ratio Lower Upper
104 100
78 49.8 39.8 59.8
103 55.0 44.0 66.0





#71

Bromoform

Concen: 49.16 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

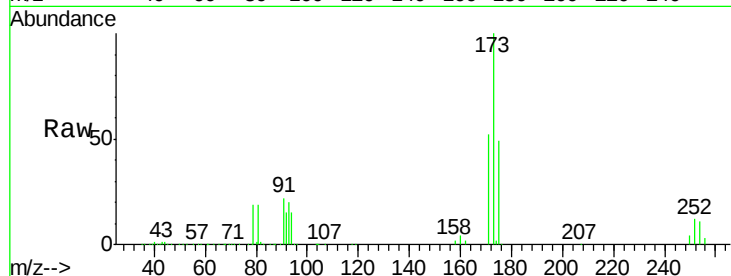
Tgt Ion:173 Resp: 174614

Ion Ratio Lower Upper

173 100

175 48.8 24.4 73.2

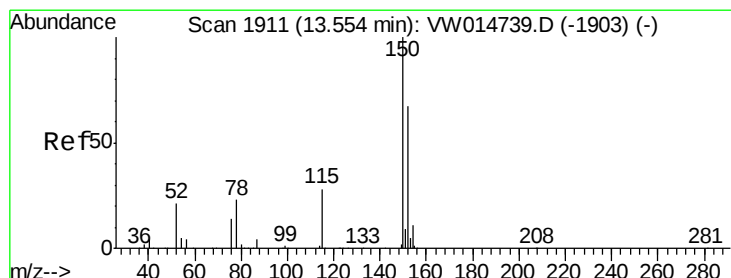
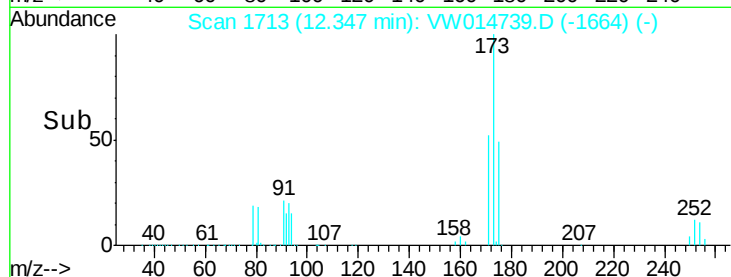
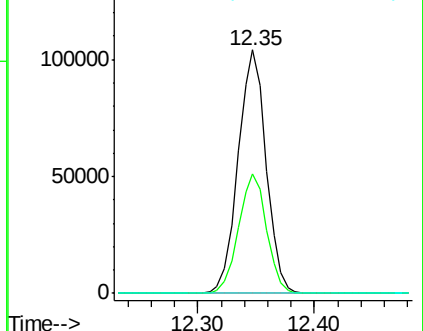
254 0.1 0.1 0.1#



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: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

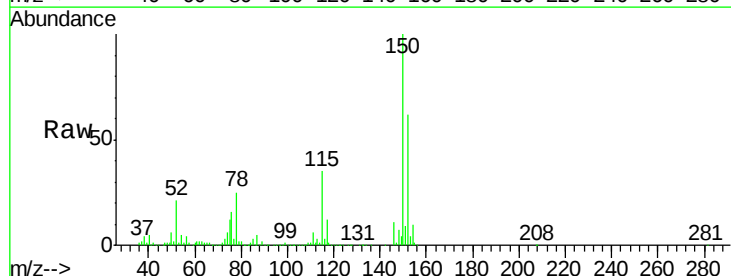
Tgt Ion:152 Resp: 464477

Ion Ratio Lower Upper

152 100

115 58.1 29.0 87.1

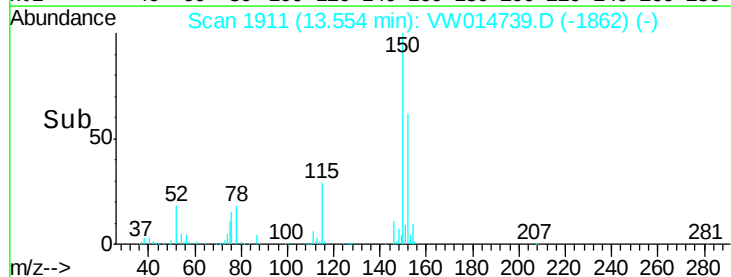
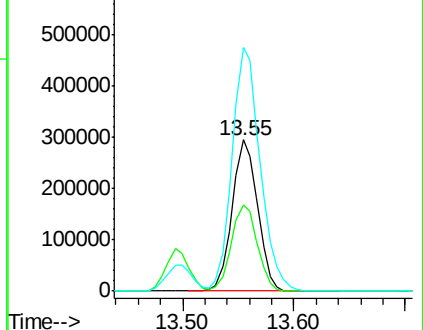
150 177.0 0.0 354.0

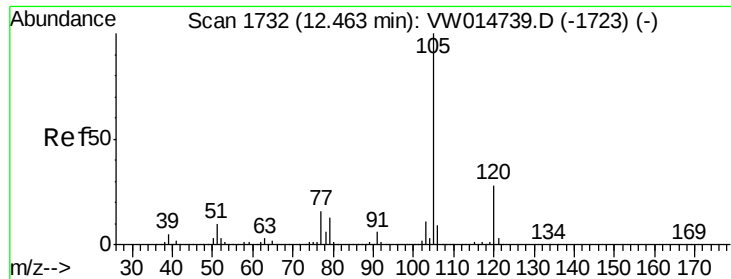


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.93 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

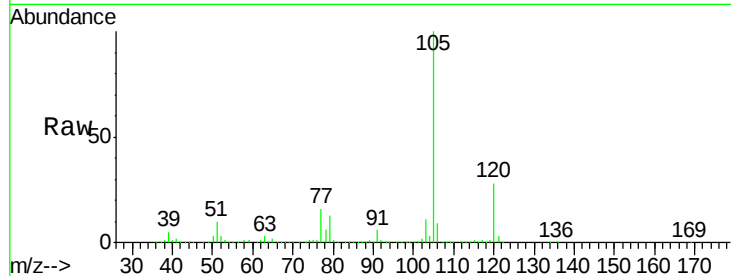
VSTDICCC050

Tgt Ion:105 Resp: 1744592

Ion Ratio Lower Upper

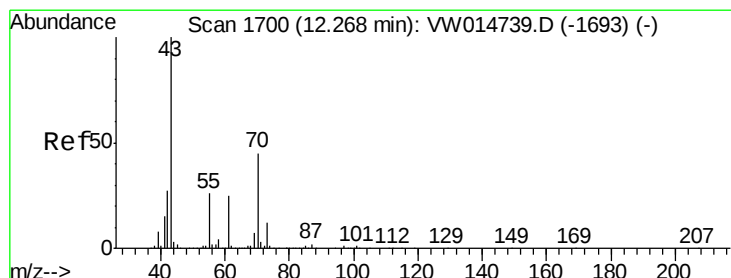
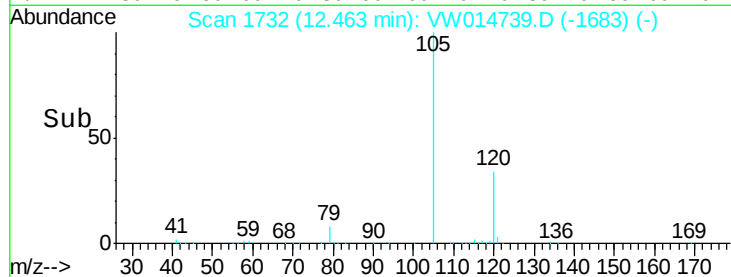
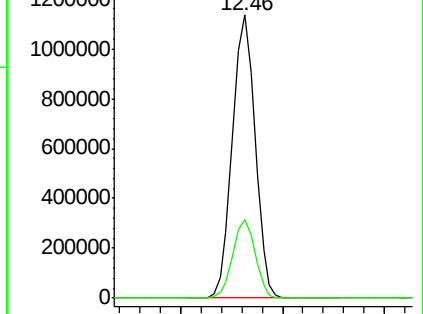
105 100

120 27.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.51 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Tgt Ion: 43 Resp: 417758

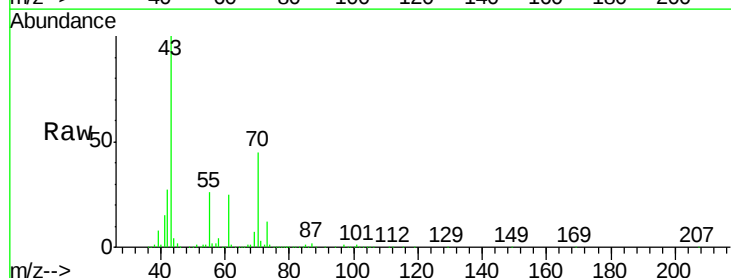
Ion Ratio Lower Upper

43 100

70 43.3 34.6 52.0

55 25.7 20.6 30.8

61 24.3 19.4 29.2

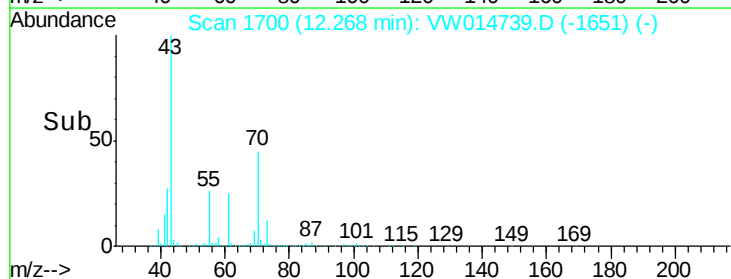
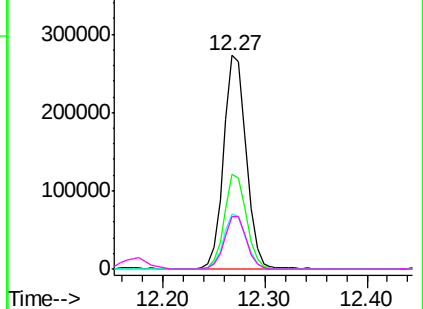


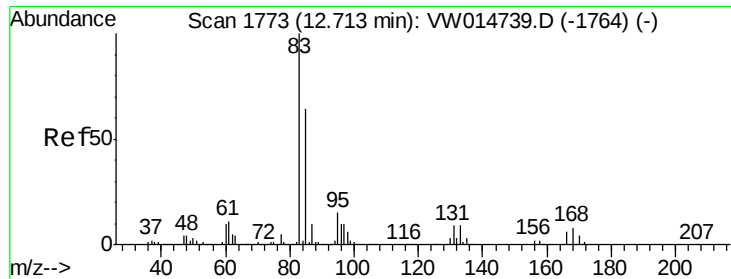
Abundance Ion 43.00 (42.70 to 43.70): VW

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





#75

1,1,2,2-Tetrachloroethane

Concen: 49.81 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

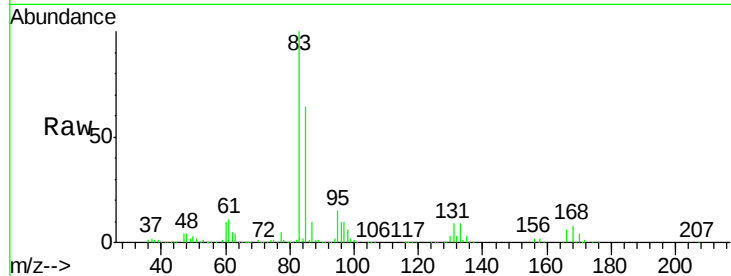
Tgt Ion: 83 Resp: 303980

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

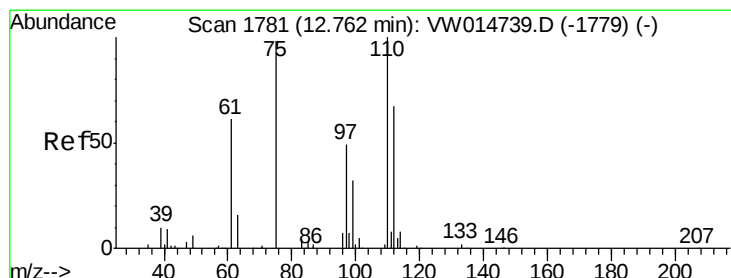
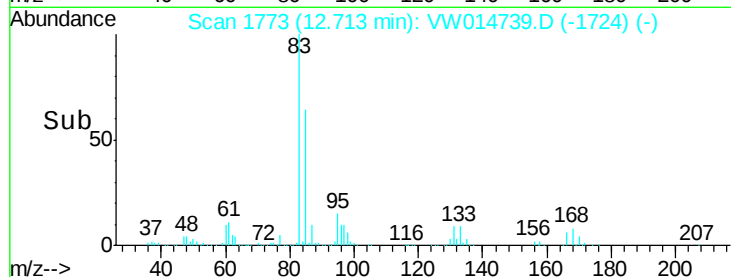
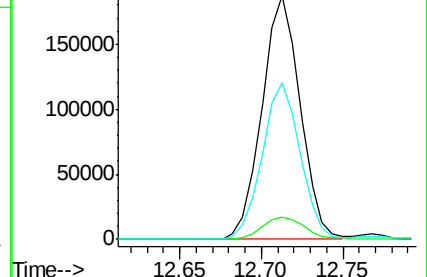
85 64.0 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 91.09 ug/l

RT: 12.76 min Scan# 1781

Delta R.T. 0.00 min

Lab File: VW014739.D

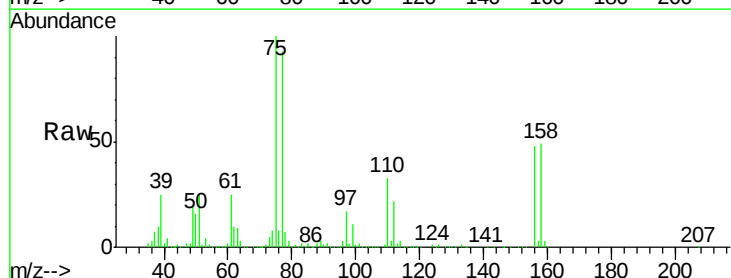
Acq: 24 Jan 2020 11:52

Tgt Ion: 75 Resp: 395640

Ion Ratio Lower Upper

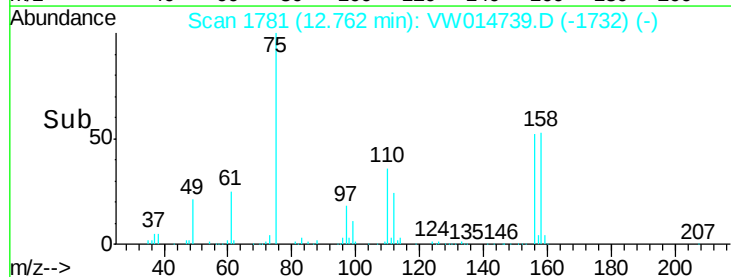
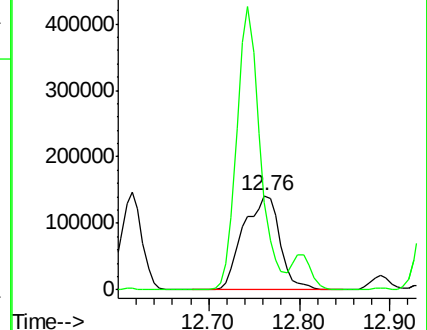
75 100

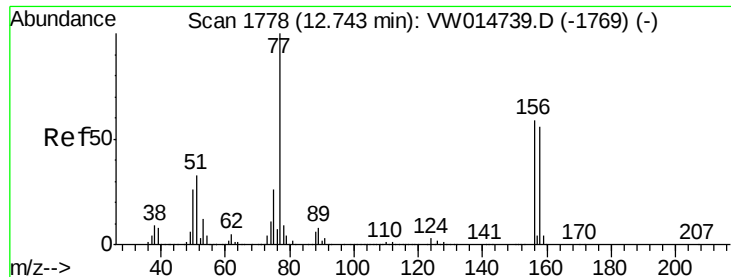
77 193.9 167.9 503.9



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 51.00 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampled :

VSTDICCC050

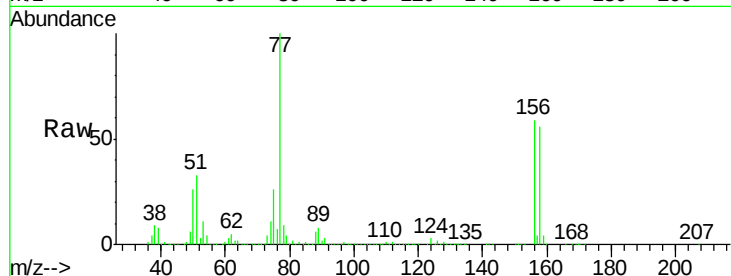
Tgt Ion:156 Resp: 405877

Ion Ratio Lower Upper

156 100

77 189.0 94.5 283.5

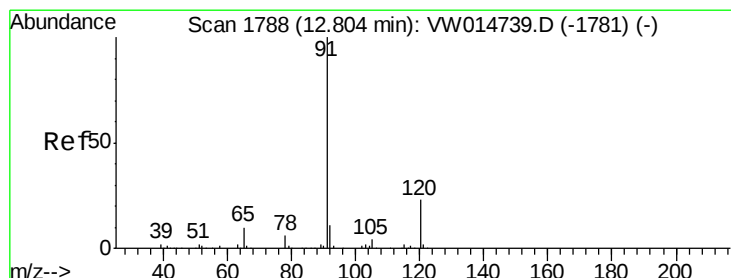
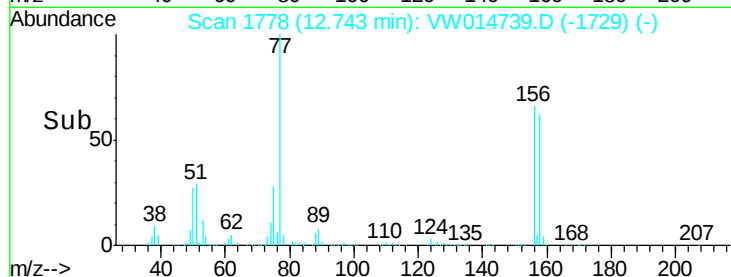
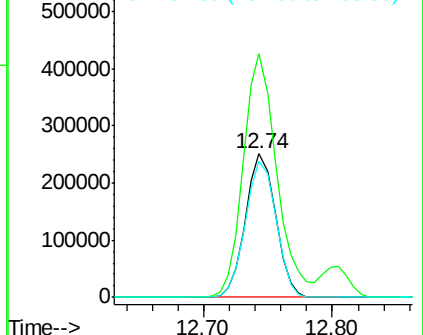
158 96.5 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.72 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW014739.D

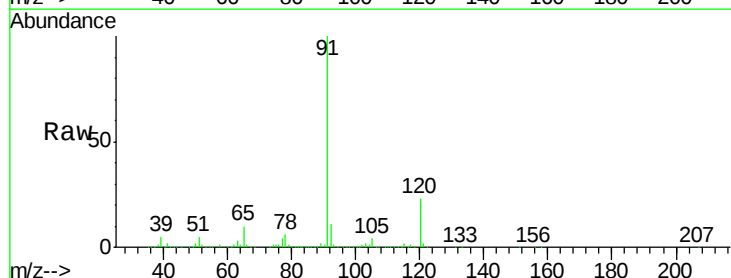
Acq: 24 Jan 2020 11:52

Tgt Ion: 91 Resp: 2139411

Ion Ratio Lower Upper

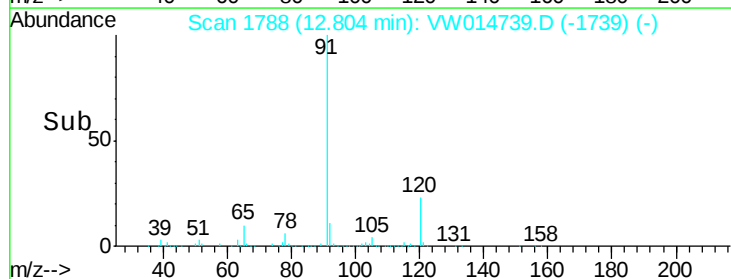
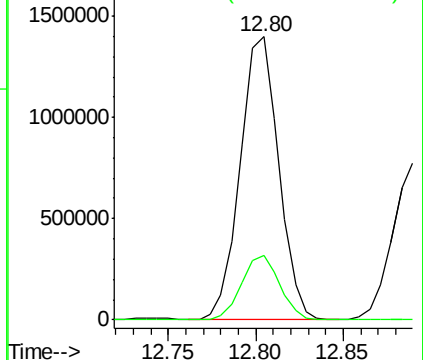
91 100

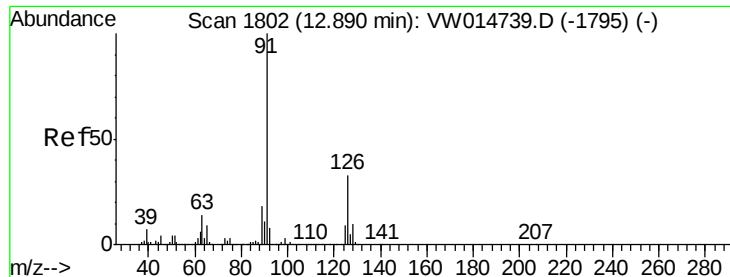
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.99 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

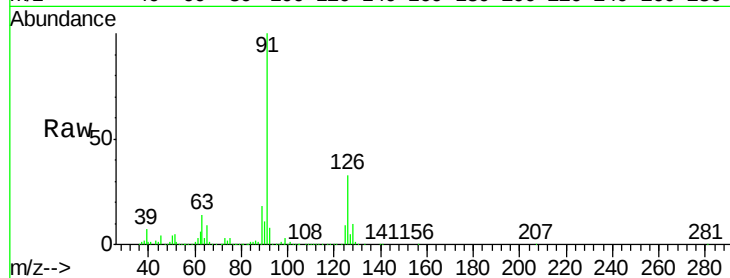
VSTDICCC050

Tgt Ion: 91 Resp: 1199626

Ion Ratio Lower Upper

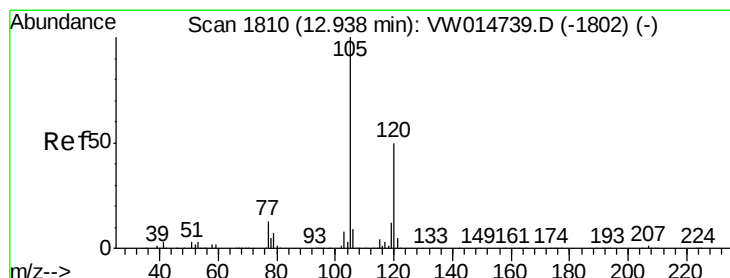
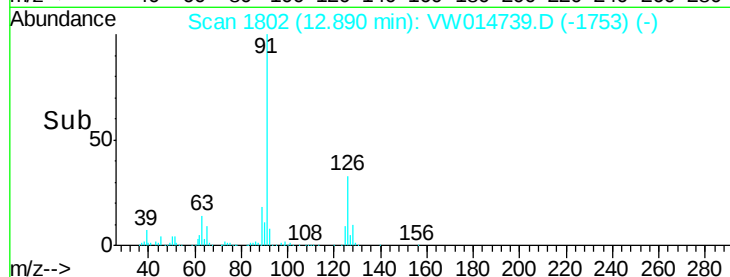
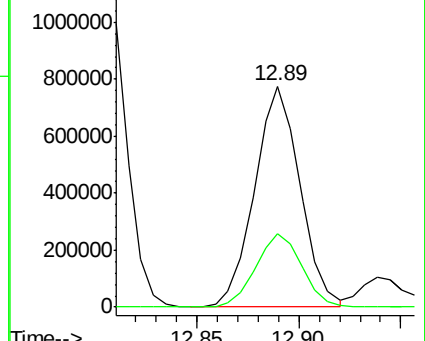
91 100

126 33.7 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.96 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW014739.D

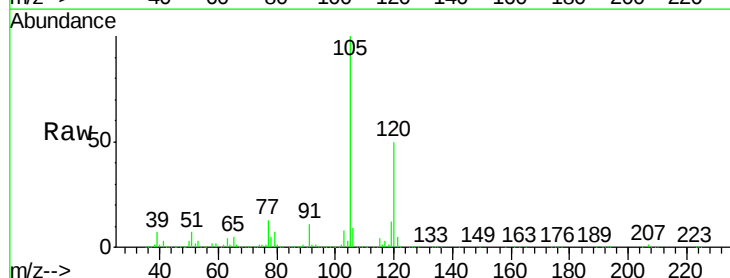
Acq: 24 Jan 2020 11:52

Tgt Ion: 105 Resp: 1501552

Ion Ratio Lower Upper

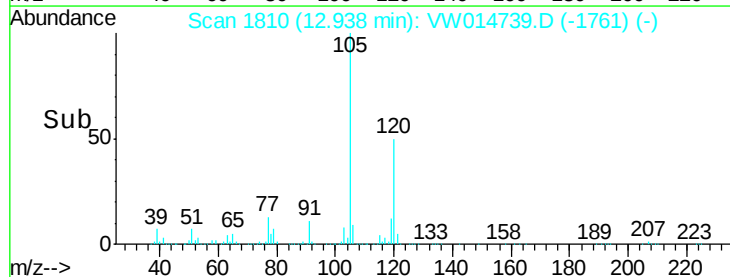
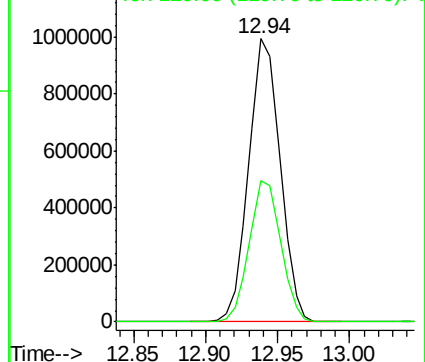
105 100

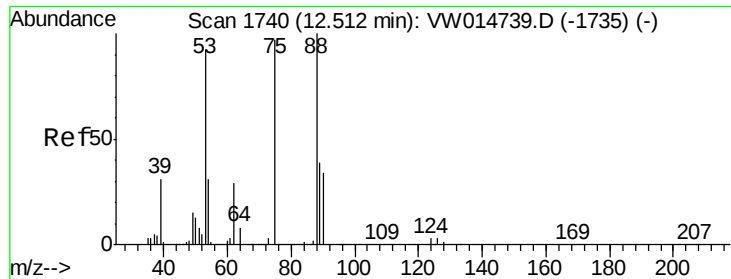
120 50.0 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 51.88 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

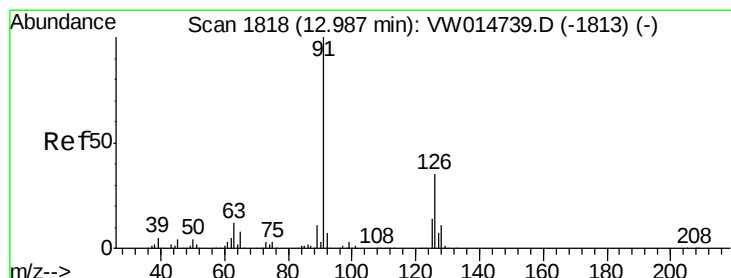
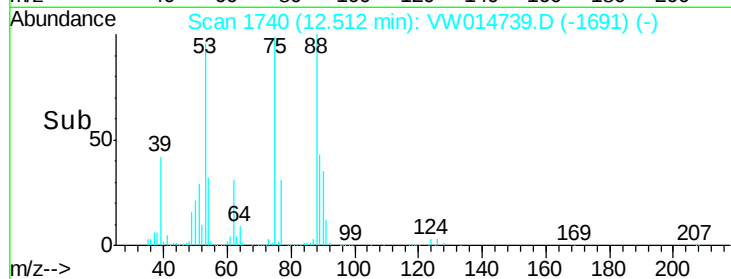
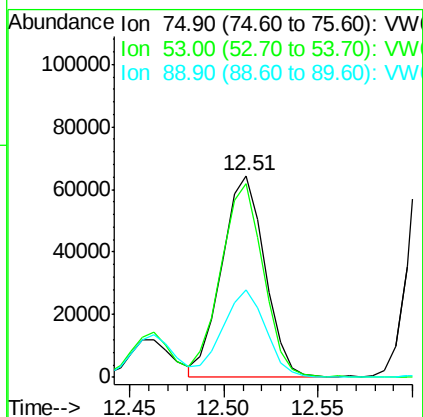
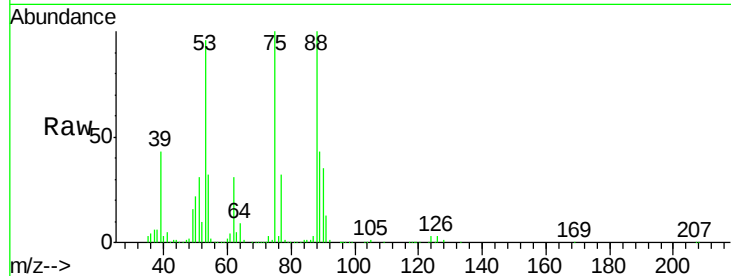
Tgt Ion: 75 Resp: 101207

Ion Ratio Lower Upper

75 100

53 96.2 77.0 115.4

89 44.0 35.2 52.8



#82

4-Chlorotoluene

Concen: 52.19 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. 0.00 min

Lab File: VW014739.D

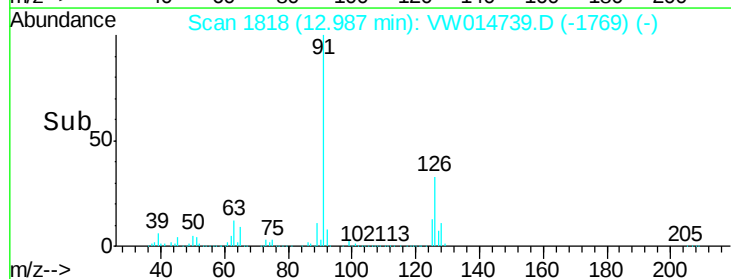
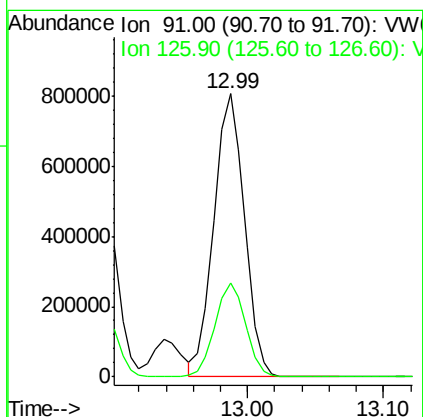
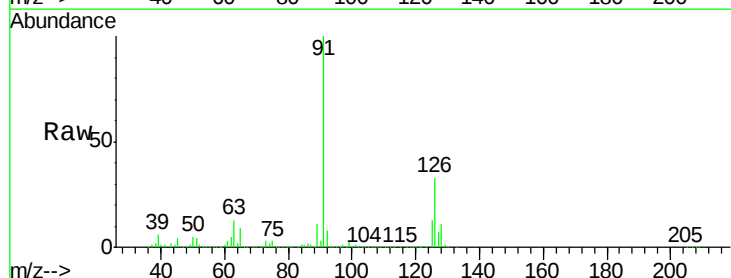
Acq: 24 Jan 2020 11:52

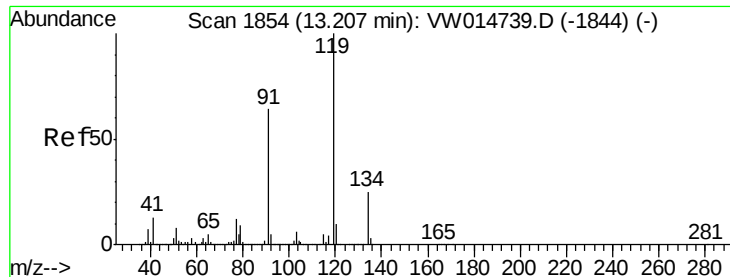
Tgt Ion: 91 Resp: 1252850

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.1





#83

tert-Butylbenzene

Concen: 51.39 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

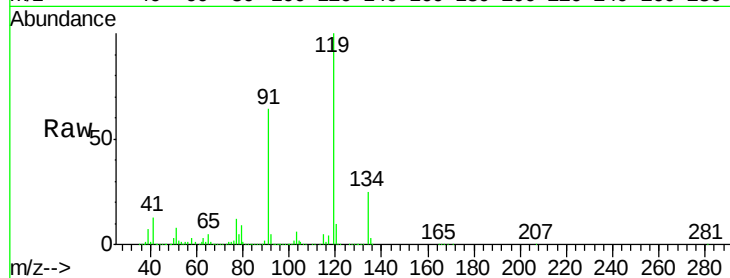
Tgt Ion:119 Resp: 1295954

Ion Ratio Lower Upper

119 100

91 64.2 32.1 96.3

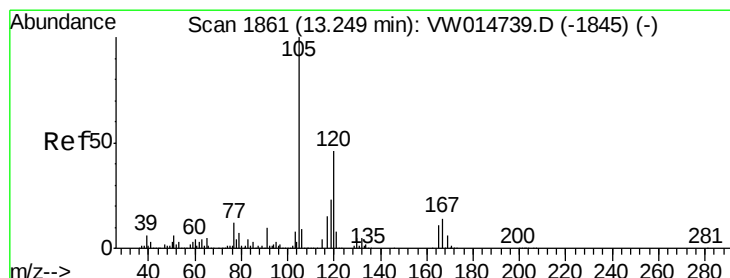
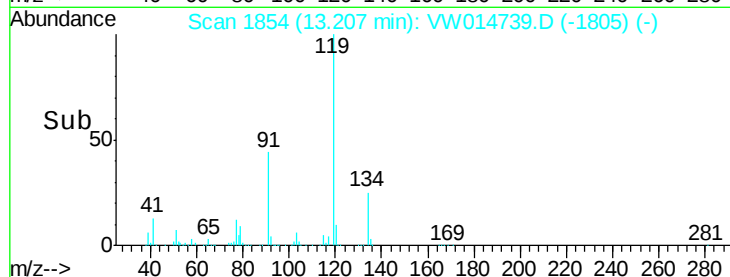
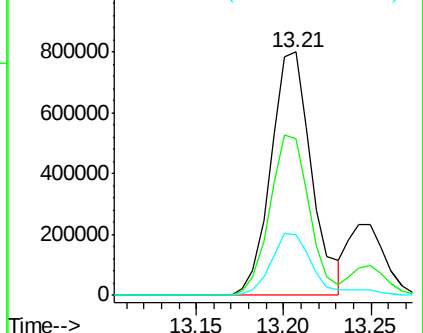
134 26.8 13.4 40.2



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: 52.32 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW014739.D

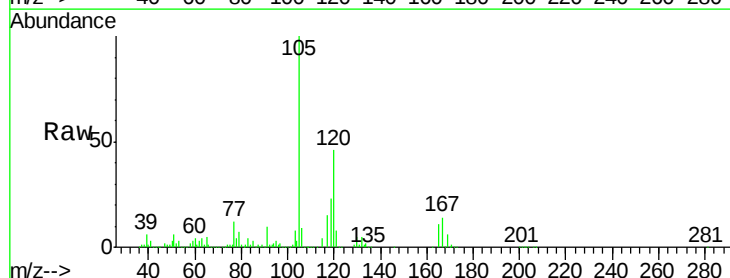
Acq: 24 Jan 2020 11:52

Tgt Ion:105 Resp: 1506009

Ion Ratio Lower Upper

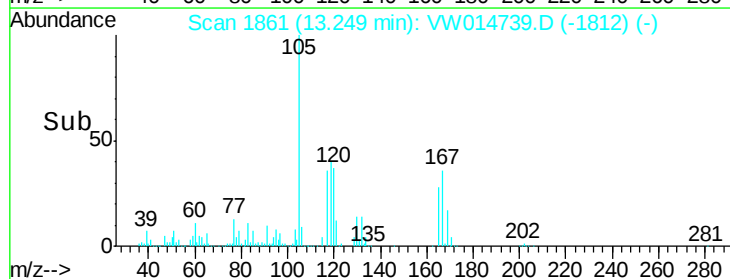
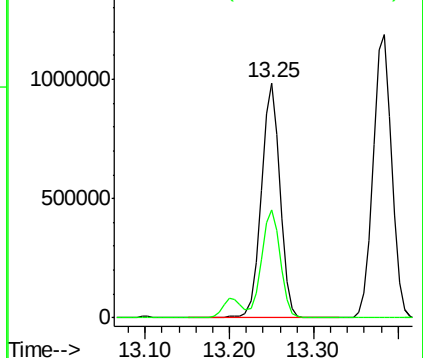
105 100

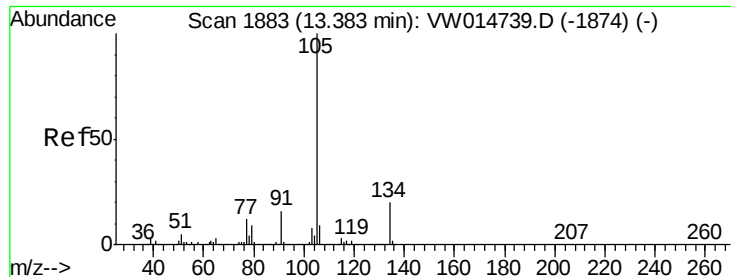
120 46.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

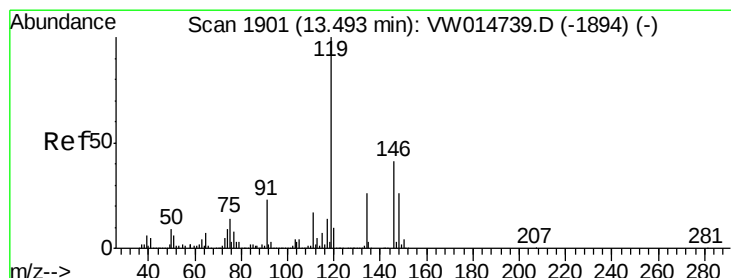
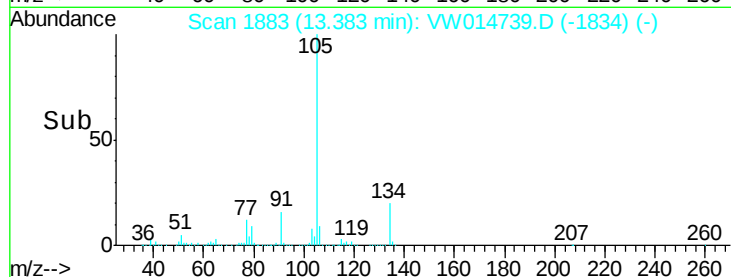
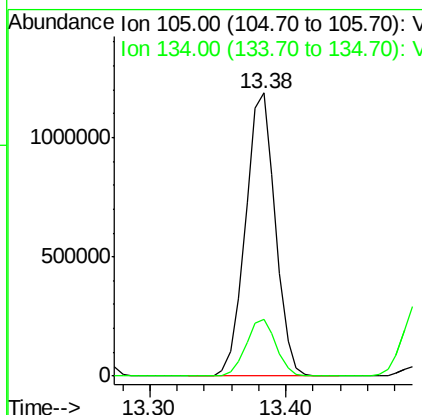
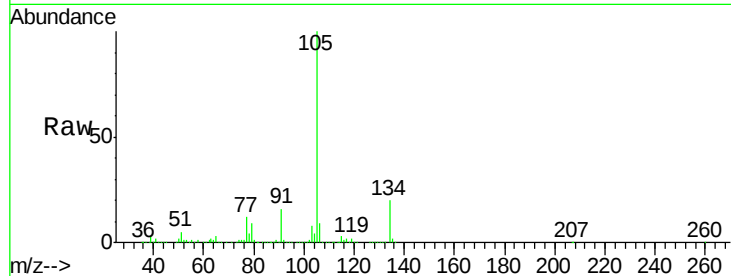




#85
 sec-Butylbenzene
 Concen: 51.84 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

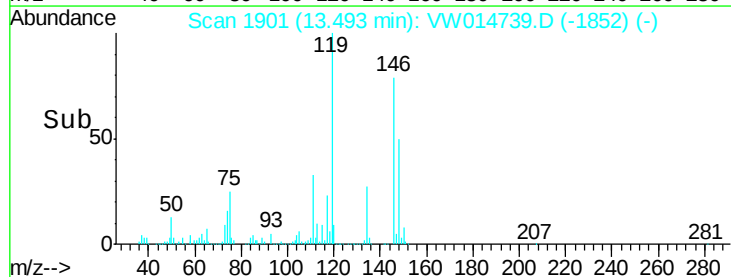
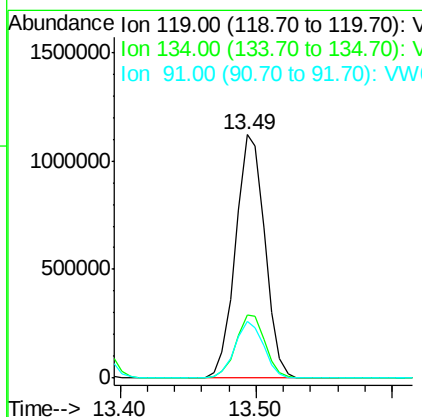
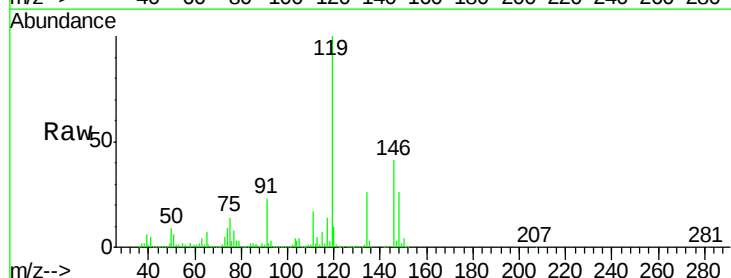
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDICCC050

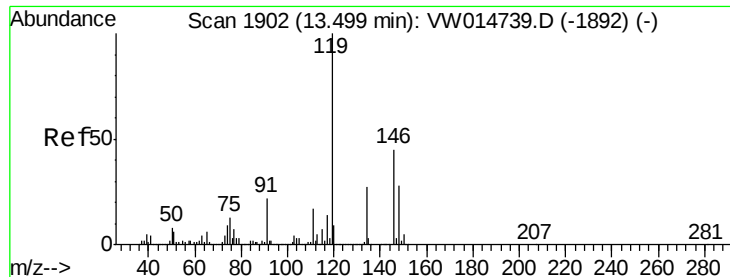
Tgt Ion:105 Resp: 1814720
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.39 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion:119 Resp: 1673355
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 38.9
 91 22.8 11.4 34.2

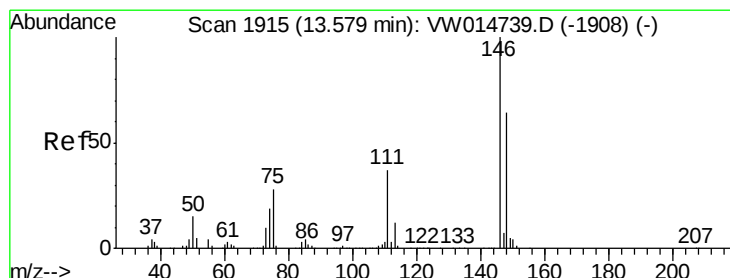
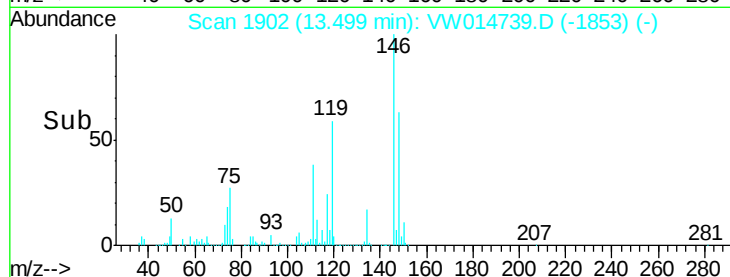
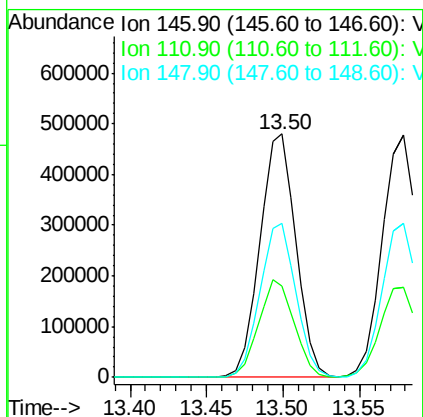
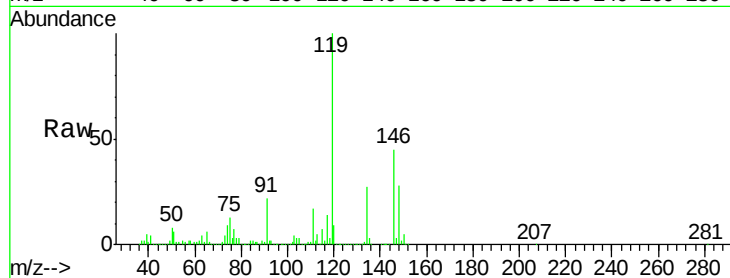




#87
 1,3-Dichlorobenzene
 Concen: 50.79 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

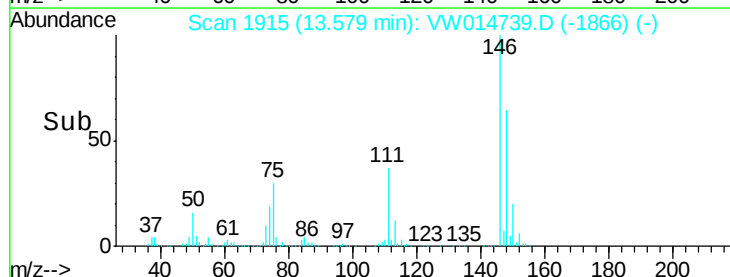
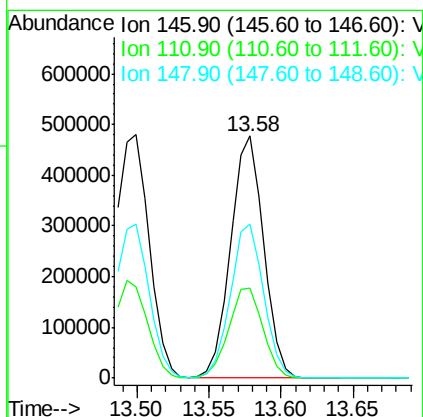
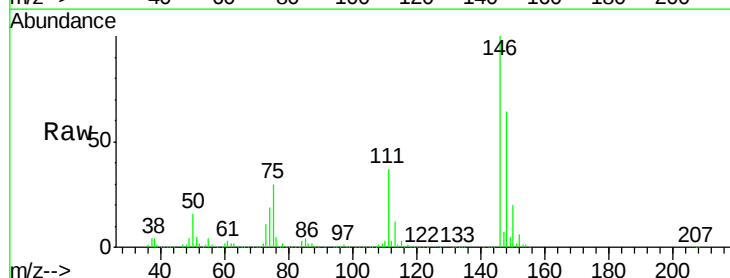
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

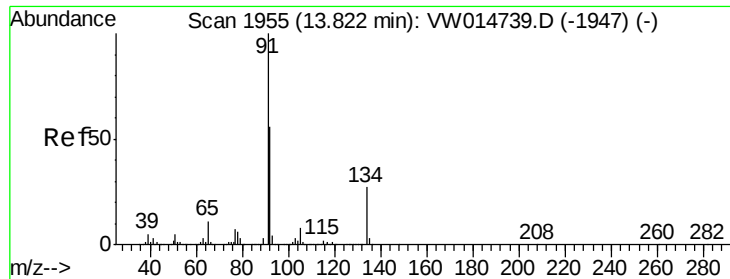
Tgt Ion:146 Resp: 786622
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.8 59.4
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 50.15 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion:146 Resp: 764749
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.4 58.4
 148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 53.75 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW014739.D

Acq: 24 Jan 2020 11:52

Instrument :

MSVOA_W

ClientSampleId :

VSTDICCC050

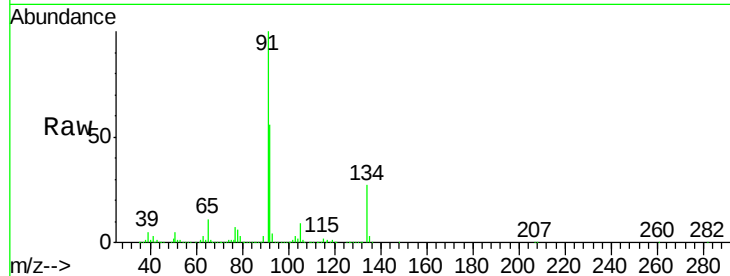
Tgt Ion: 91 Resp: 1598593

Ion Ratio Lower Upper

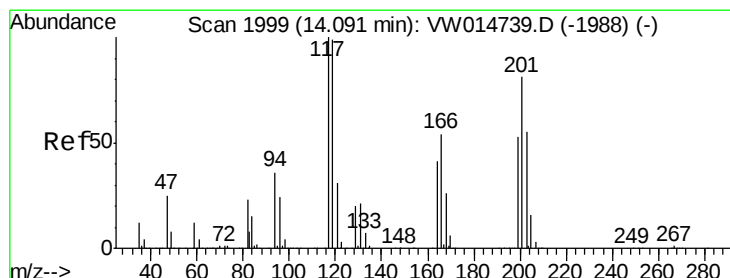
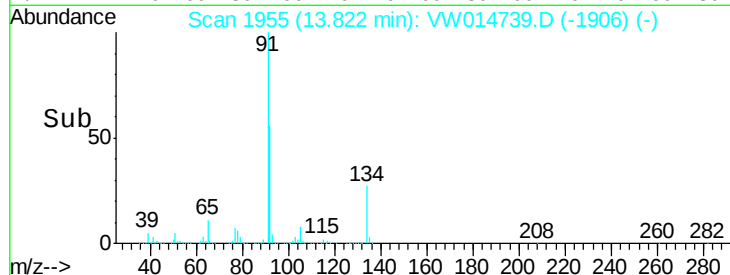
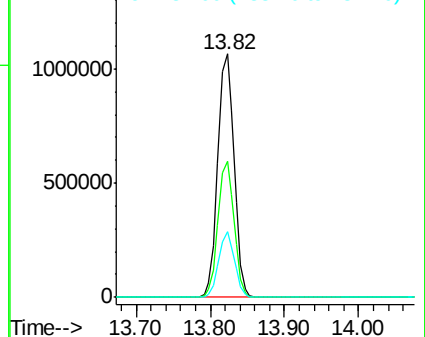
91 100

92 54.9 27.5 82.4

134 26.1 13.1 39.1



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 51.30 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW014739.D

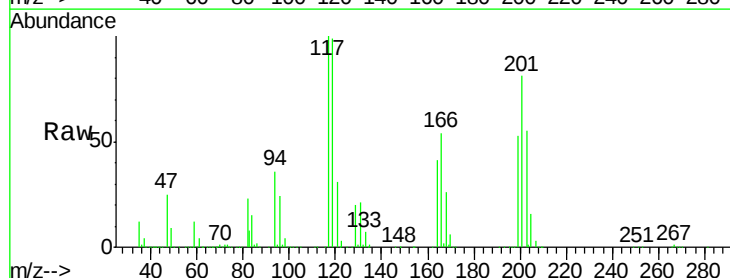
Acq: 24 Jan 2020 11:52

Tgt Ion: 117 Resp: 285178

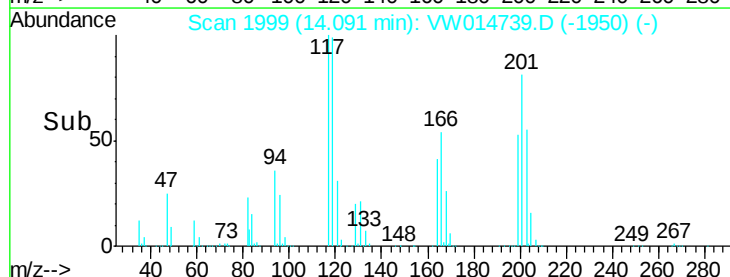
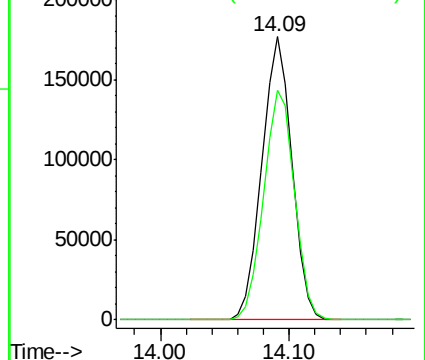
Ion Ratio Lower Upper

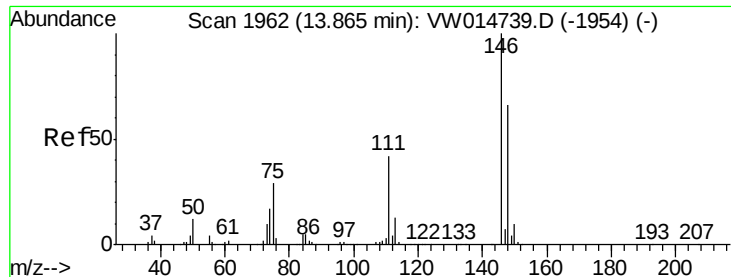
117 100

201 83.3 41.6 124.9



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

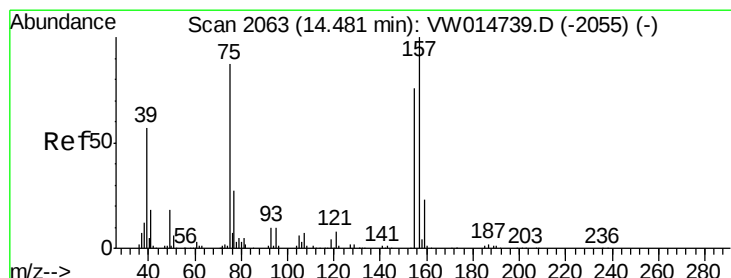
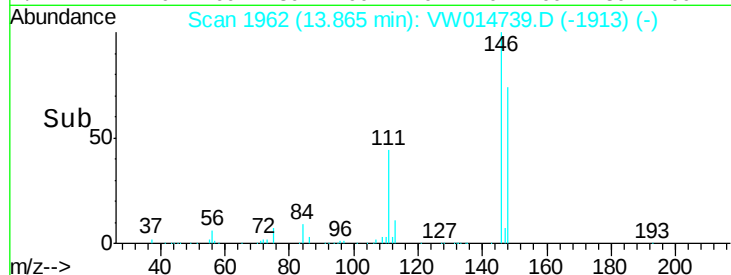
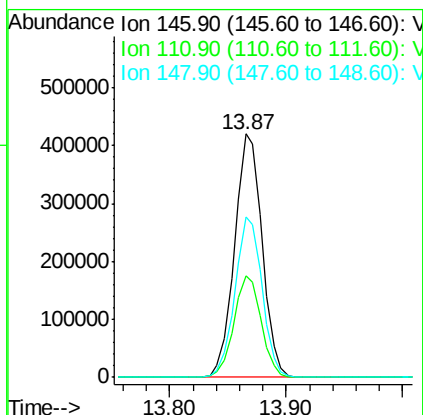
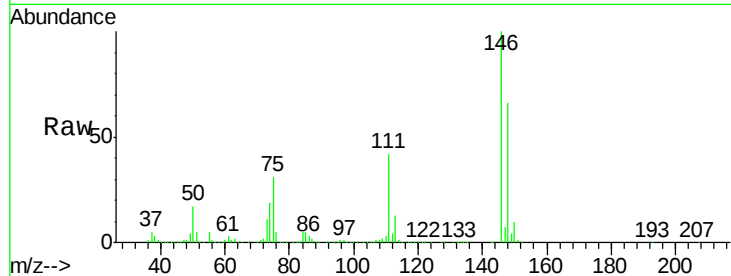




#91
 1,2-Dichlorobenzene
 Concen: 50.70 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

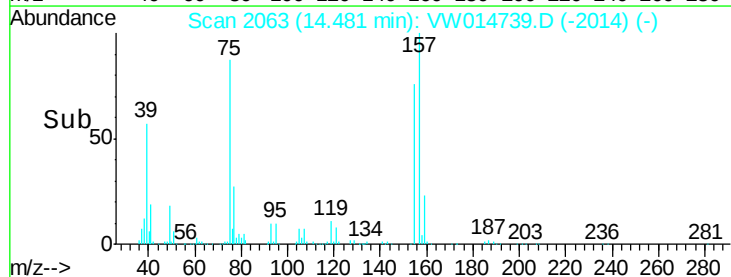
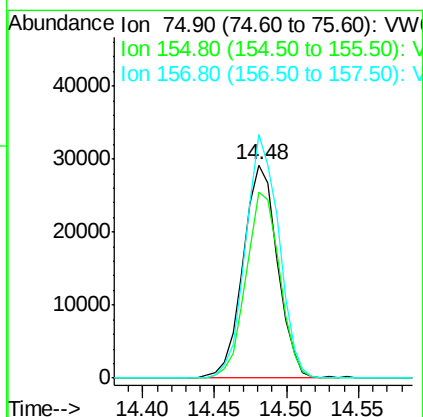
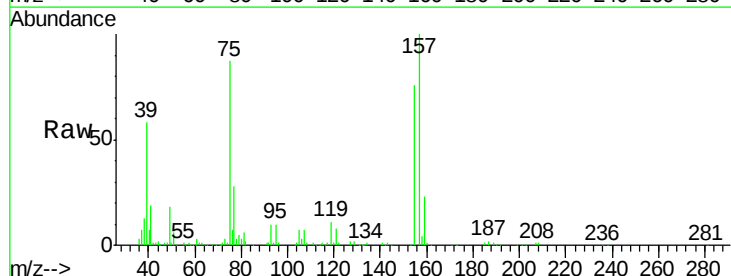
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

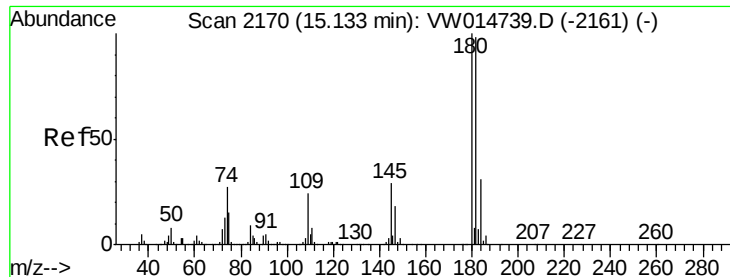
Tgt Ion: 146 Resp: 690261
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.7 62.1
 148 64.9 32.5 97.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.28 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion: 75 Resp: 48461
 Ion Ratio Lower Upper
 75 100
 155 85.0 42.5 127.5
 157 109.6 54.8 164.4

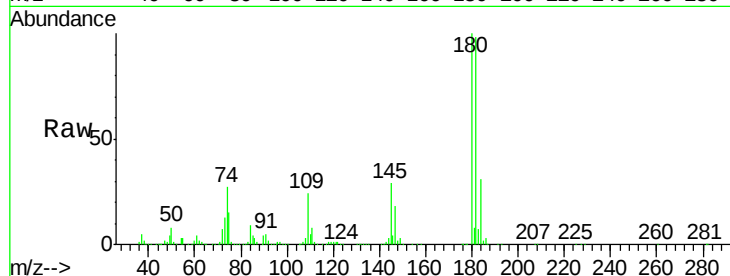




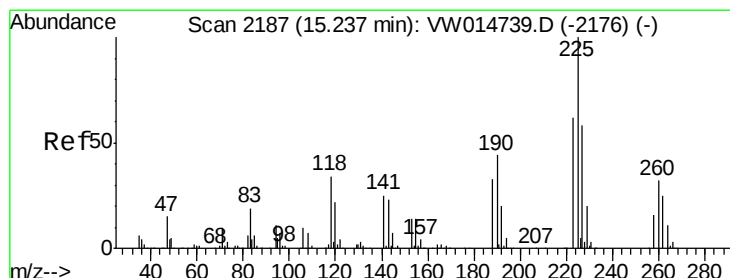
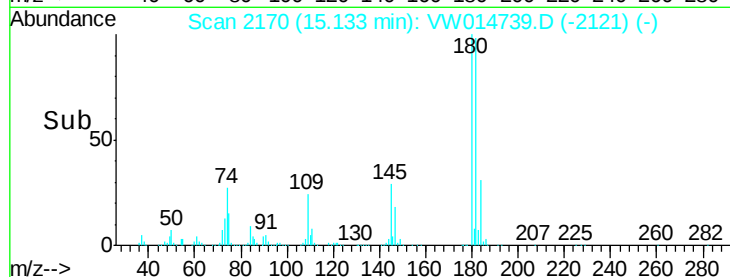
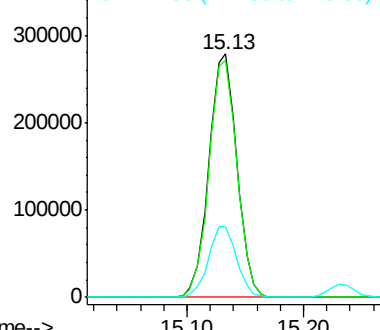
#93
 1,2,4-Trichlorobenzene
 Concen: 51.50 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Tgt Ion:180 Resp: 469187
 Ion Ratio Lower Upper
 180 100
 182 97.3 48.6 145.9
 145 29.4 14.7 44.1

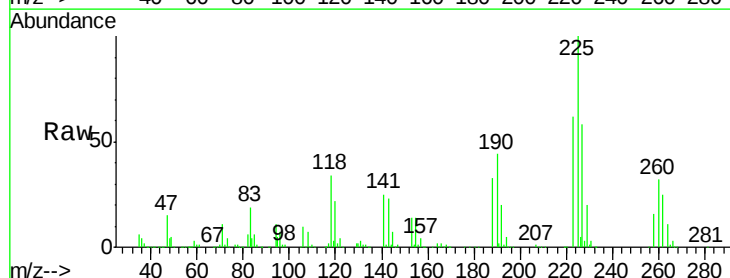


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

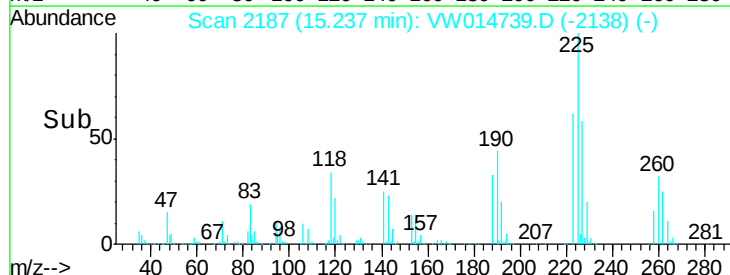
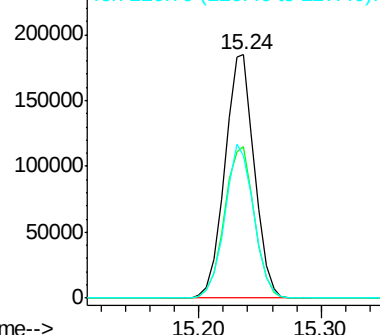


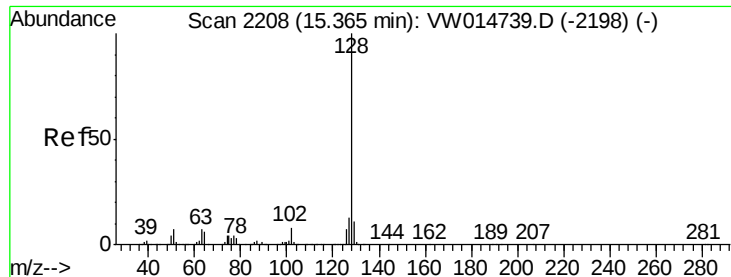
#94
 Hexachlorobutadiene
 Concen: 50.32 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW014739.D
 Acq: 24 Jan 2020 11:52

Tgt Ion:225 Resp: 309702
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.4 94.3
 227 61.9 30.9 92.8



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

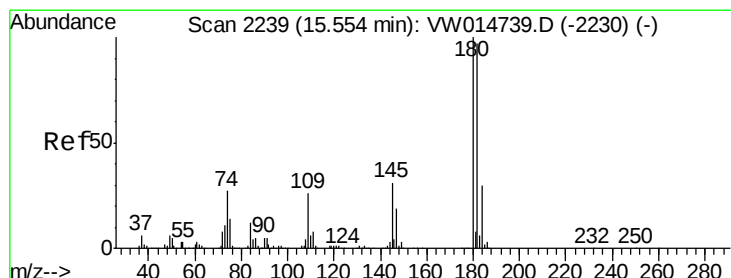
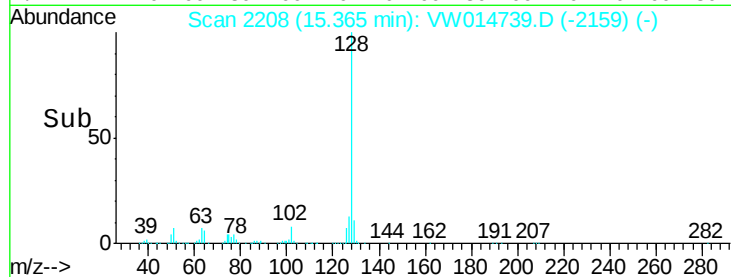
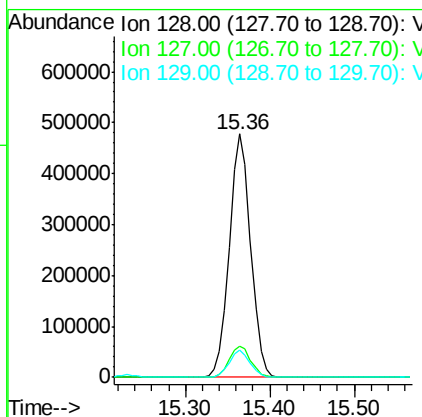
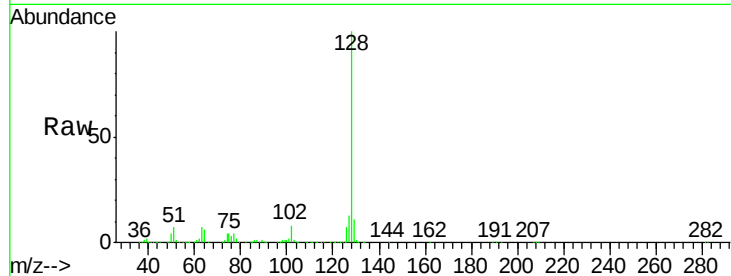




#95
Naphthalene
Concen: 53.39 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Instrument :
MSVOA_W
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 820044
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 51.51 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW014739.D
Acq: 24 Jan 2020 11:52

Tgt Ion:180 Resp: 408267
Ion Ratio Lower Upper
180 100
182 94.4 47.2 141.6
145 30.9 15.4 46.4

