

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
 Data File : VW014742.D
 Acq On : 24 Jan 2020 13:23
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

Quant Time: Jan 24 13:48:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 13:12:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	691833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1039948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	888632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	430185	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	322532	48.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.80%	
35) Dibromofluoromethane	7.88	113	296451	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
50) Toluene-d8	10.32	98	1250533	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.62	95	415987	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	226587	52.90	ug/l	99
3) Chloromethane	2.21	50	279577	45.85	ug/l	99
4) Vinyl Chloride	2.36	62	422699	45.64	ug/l	100
5) Bromomethane	2.77	94	249403	48.33	ug/l	97
6) Chloroethane	2.92	64	238665	46.50	ug/l	97
7) Trichlorofluoromethane	3.25	101	234158	52.66	ug/l	99
8) Diethyl Ether	3.67	74	172379	49.18	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	336388	47.83	ug/l	100
10) Methyl Iodide	4.26	142	464417	47.72	ug/l	98
11) Tert butyl alcohol	5.15	59	117730	245.89	ug/l	99
12) 1,1-Dichloroethene	4.03	96	344356	48.26	ug/l	99
13) Acrolein	3.89	56	134303	251.76	ug/l	98
14) Allyl chloride	4.66	41	592576	50.57	ug/l	99
15) Acrylonitrile	5.35	53	418057	251.31	ug/l	100
16) Acetone	4.11	43	498407	297.62	ug/l	99
17) Carbon Disulfide	4.38	76	1097578	48.25	ug/l	100
18) Methyl Acetate	4.66	43	182646	48.72	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	447771	50.14	ug/l	99
20) Methylene Chloride	4.90	84	355830	49.30	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	368784	48.74	ug/l	97
22) Diisopropyl ether	6.30	45	1061454	49.32	ug/l	97
23) Vinyl Acetate	6.24	43	3264114	255.83	ug/l	100
24) 1,1-Dichloroethane	6.21	63	649071	48.03	ug/l	99
25) 2-Butanone	7.16	43	575311	261.02	ug/l	99
26) 2,2-Dichloropropane	7.15	77	369077	49.01	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	381924	49.32	ug/l	100
28) Bromochloromethane	7.51	49	253093	48.55	ug/l	98
29) Tetrahydrofuran	7.52	42	345410	247.74	ug/l	99
30) Chloroform	7.67	83	596577	47.80	ug/l	98
31) Cyclohexane	7.95	56	662950	47.81	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	494126	48.77	ug/l	98
36) 1,1-Dichloropropene	8.07	75	521138	49.42	ug/l	99
37) Ethyl Acetate	7.24	43	235099	50.16	ug/l	99
38) Carbon Tetrachloride	8.06	117	452963	49.32	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	662009	52.17	ug/l	99
40) Benzene	8.32	78	1436733	48.79	ug/l	99
41) Methacrylonitrile	7.48	41	140293	54.70	ug/l	97
42) 1,2-Dichloroethane	8.40	62	381956	48.27	ug/l	99
43) Isopropyl Acetate	8.42	43	422535	49.79	ug/l	99
44) Trichloroethene	9.09	130	373634	49.72	ug/l	99
45) 1,2-Dichloropropane	9.37	63	356290	48.77	ug/l	100
46) Dibromomethane	9.45	93	166607	48.12	ug/l	98
47) Bromodichloromethane	9.64	83	432200	48.78	ug/l	97
48) Methyl methacrylate	9.43	41	214821	53.71	ug/l	94
49) 1,4-Dioxane	9.44	88	68514	1092.48	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	1117140	252.84	ug/l	100
52) Toluene	10.38	92	891234	49.57	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	451782	51.21	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	552257	51.11	ug/l	99
55) 1,1,2-Trichloroethane	10.78	97	243073	49.05	ug/l	97
56) Ethyl methacrylate	10.64	69	330981	51.82	ug/l	98
57) 1,3-Dichloropropane	10.93	76	441337	49.67	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	559733	272.58	ug/l	99
59) 2-Hexanone	10.96	43	807251	271.13	ug/l	100
60) Dibromochloromethane	11.12	129	274419	49.55	ug/l	96
61) 1,2-Dibromoethane	11.23	107	226948	48.95	ug/l	100
64) Tetrachloroethene	10.86	164	307494	49.97	ug/l	97
65) Chlorobenzene	11.65	112	893694	49.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	301520	49.52	ug/l	99
67) Ethyl Benzene	11.73	91	1681175	51.32	ug/l	99
68) m/p-Xylenes	11.83	106	1256240	101.46	ug/l	99
69) o-Xylene	12.16	106	577148	51.65	ug/l	100
70) Styrene	12.18	104	993346	51.71	ug/l	99
71) Bromoform	12.35	173	156782	50.26	ug/l	99
73) Isopropylbenzene	12.46	105	1616253	52.95	ug/l	98
74) N-amyl acetate	12.27	43	378042	52.00	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	278584	50.00	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	366687	85.85	ug/l #	1
77) Bromobenzene	12.74	156	350787	49.98	ug/l	96
78) n-propylbenzene	12.80	91	1941961	52.22	ug/l	100
79) 2-Chlorotoluene	12.89	91	1073147	50.97	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1347931	51.91	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	95034	52.66	ug/l	98
82) 4-Chlorotoluene	12.99	91	1122478	50.98	ug/l	99
83) tert-Butylbenzene	13.20	119	1176152	52.35	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	1348905	51.98	ug/l	100
85) sec-Butylbenzene	13.38	105	1651237	52.19	ug/l	100
86) p-Isopropyltoluene	13.49	119	1505870	52.55	ug/l	100
87) 1,3-Dichlorobenzene	13.49	146	694604	49.87	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	684061	49.82	ug/l	100
89) n-Butylbenzene	13.82	91	1449724	53.03	ug/l	100
90) Hexachloroethane	14.09	117	258695	50.87	ug/l	97
91) 1,2-Dichlorobenzene	13.86	146	612955	50.17	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	45748	50.67	ug/l	98

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QLast Update : Fri Jan 24 13:12:20 2020
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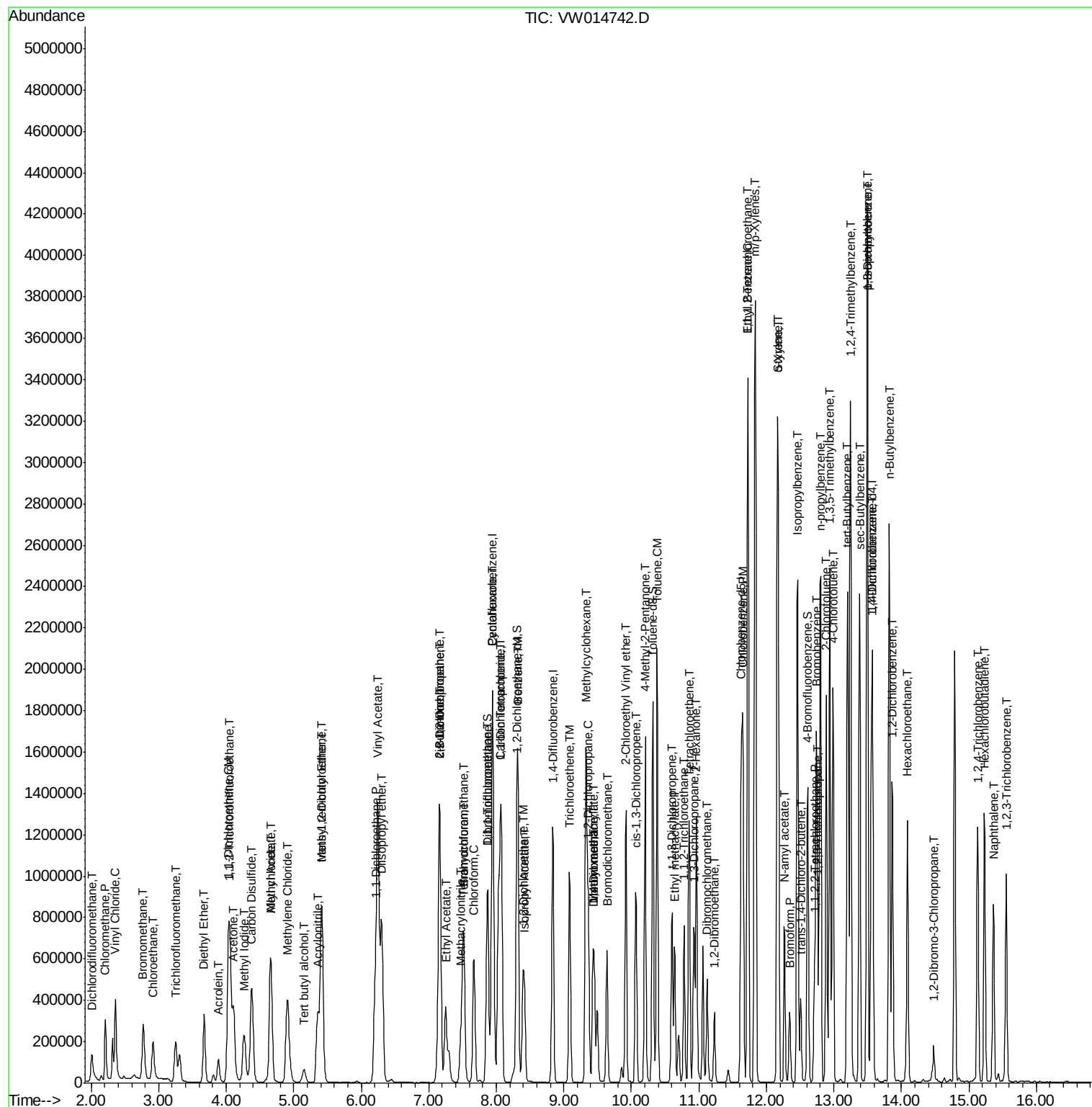
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	427804	55.08	ug/l	97
94) Hexachlorobutadiene	15.23	225	266513	50.30	ug/l	98
95) Naphthalene	15.36	128	736644	51.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	358579	53.93	ug/l	99

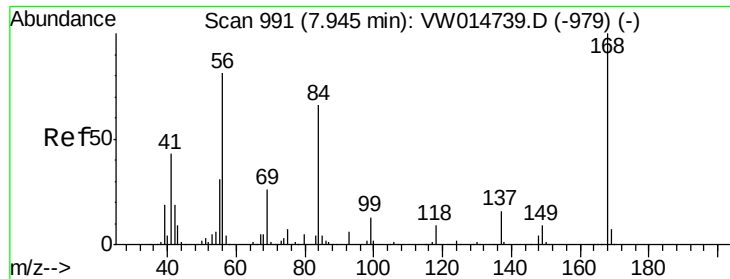
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

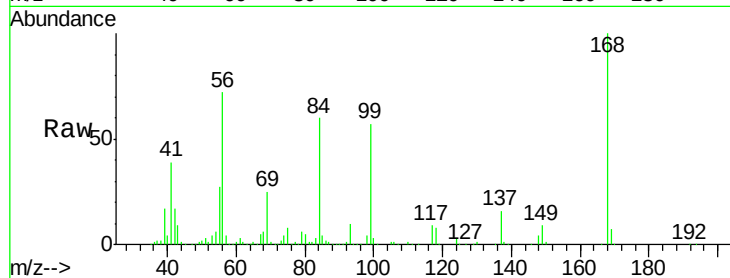
ICVW012420

Tgt Ion:168 Resp: 691833

Ion Ratio Lower Upper

168 100

99 56.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

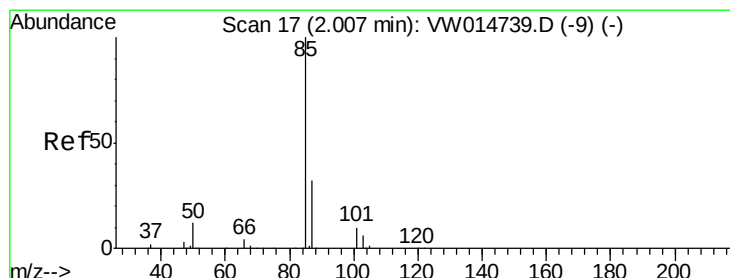
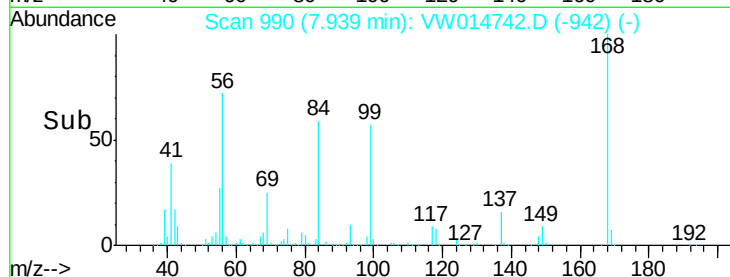
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.90 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014742.D

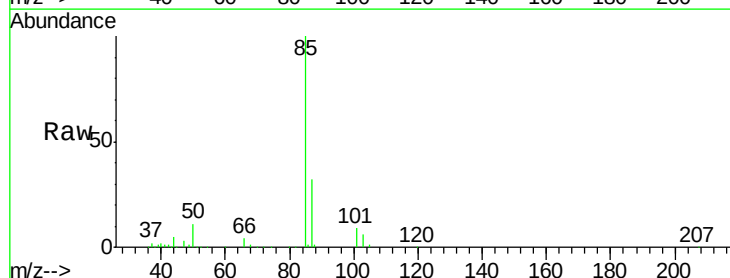
Acq: 24 Jan 2020 13:23

Tgt Ion: 85 Resp: 226587

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

80000

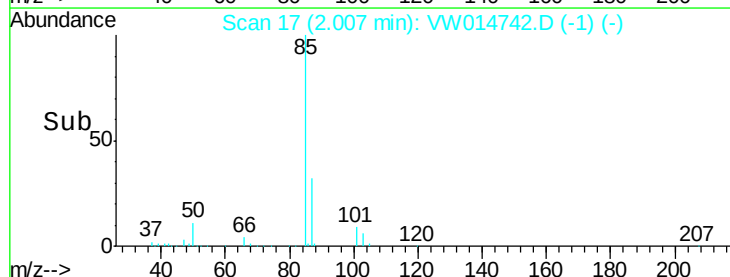
60000

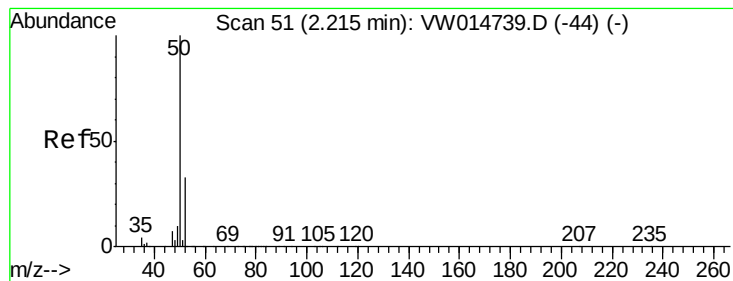
40000

20000

0

Time-->





#3

Chloromethane

Concen: 45.85 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

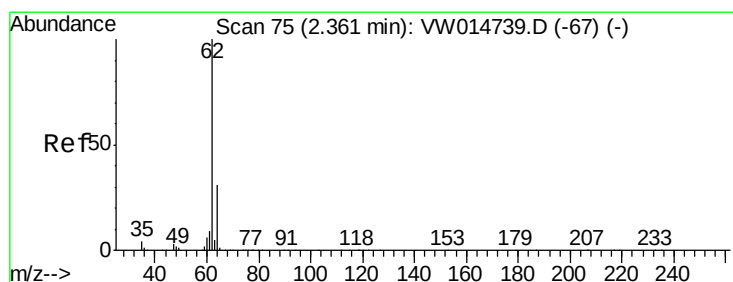
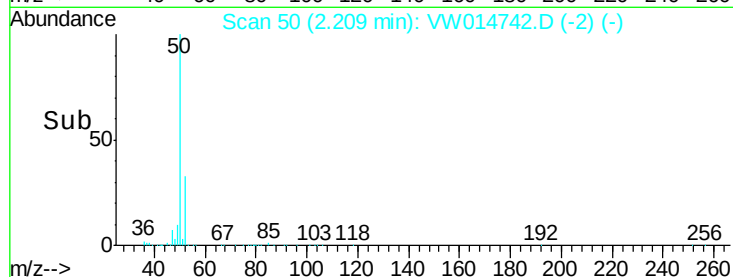
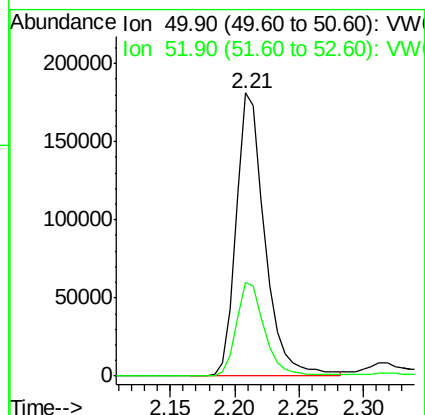
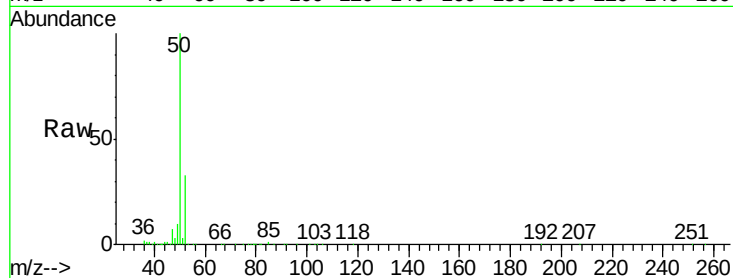
ICVW012420

Tgt Ion: 50 Resp: 279577

Ion Ratio Lower Upper

50 100

52 33.0 26.7 40.1



#4

Vinyl Chloride

Concen: 45.64 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014742.D

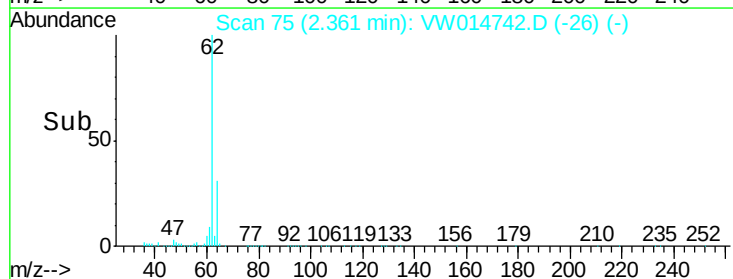
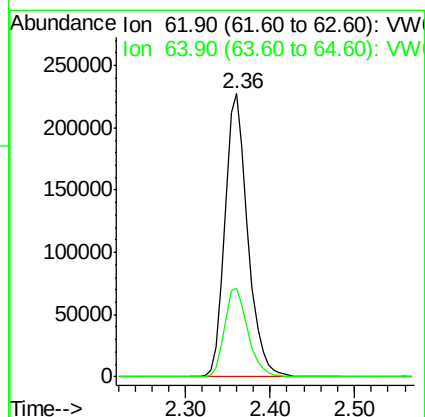
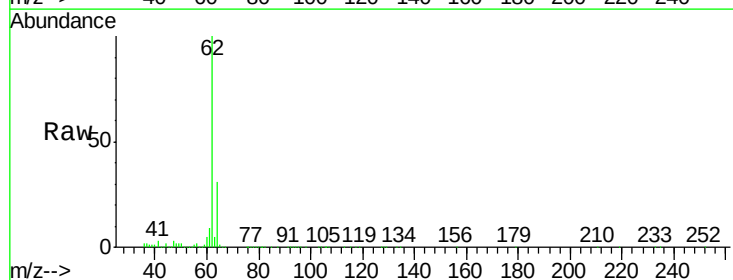
Acq: 24 Jan 2020 13:23

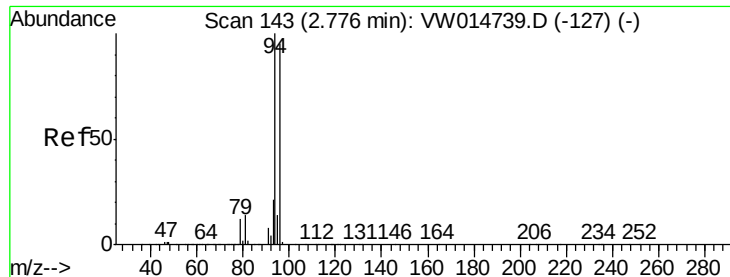
Tgt Ion: 62 Resp: 422699

Ion Ratio Lower Upper

62 100

64 31.1 24.7 37.1





#5

Bromomethane

Concen: 48.33 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

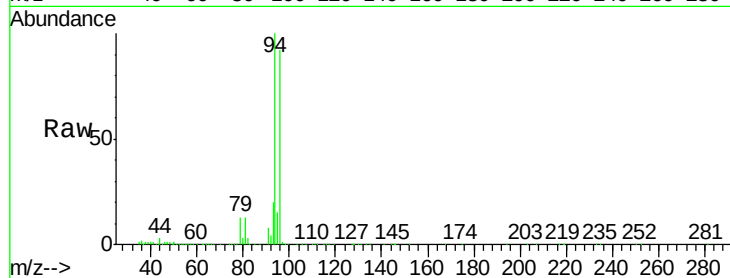
ICVW012420

Tgt Ion: 94 Resp: 249403

Ion Ratio Lower Upper

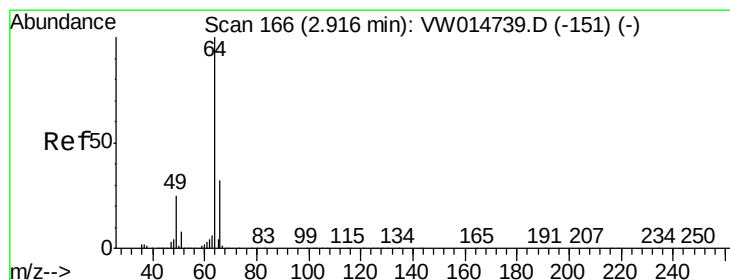
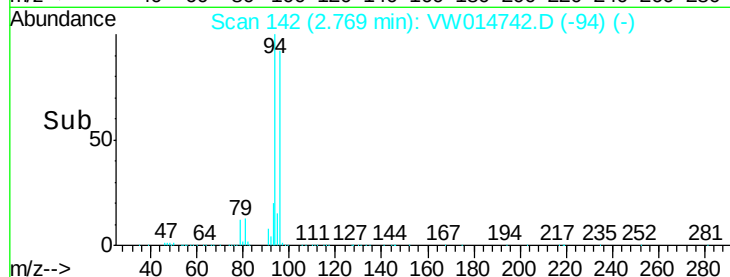
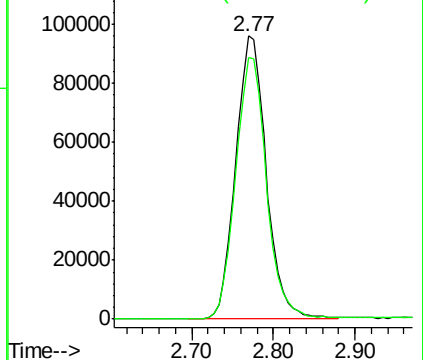
94 100

96 92.2 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 46.50 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014742.D

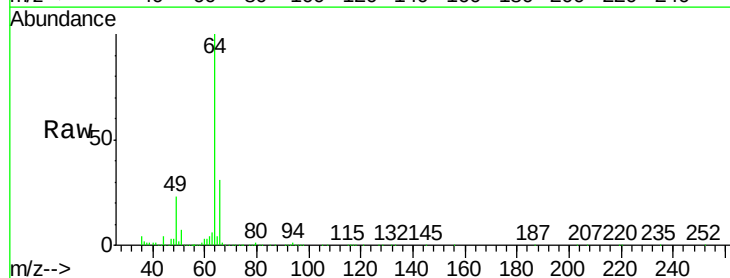
Acq: 24 Jan 2020 13:23

Tgt Ion: 64 Resp: 238665

Ion Ratio Lower Upper

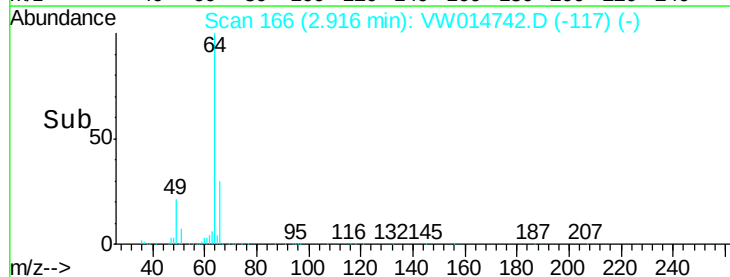
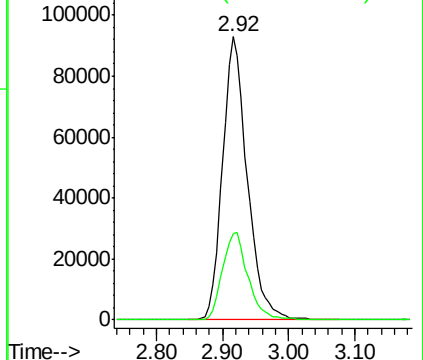
64 100

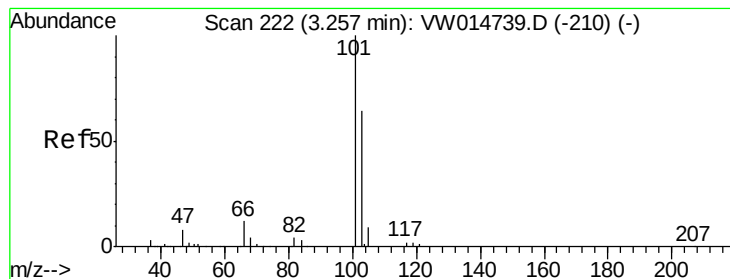
66 30.4 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



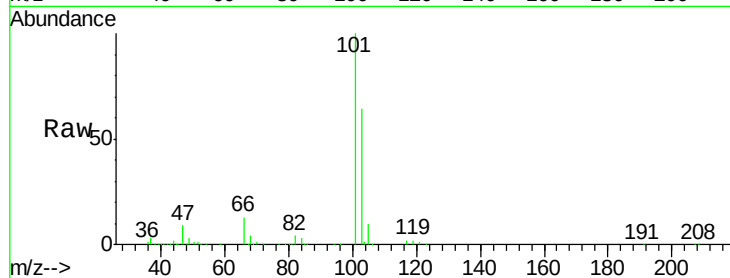


#7

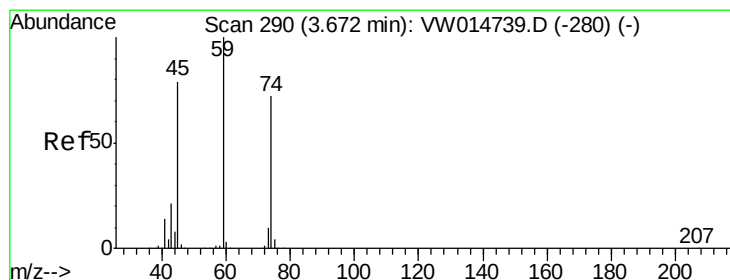
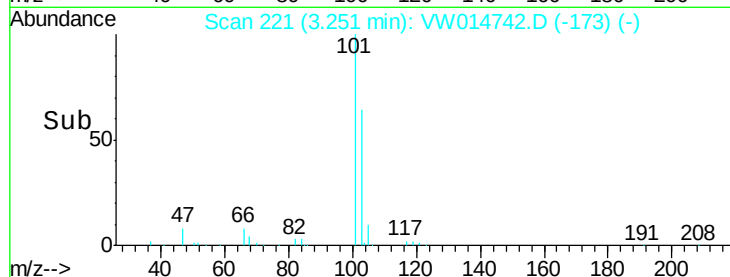
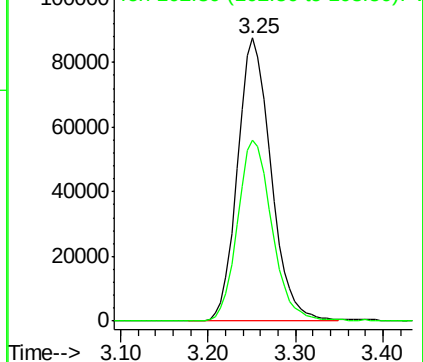
Trichlorofluoromethane
 Concen: 52.66 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

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Tgt Ion:101 Resp: 234158
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.8 76.2



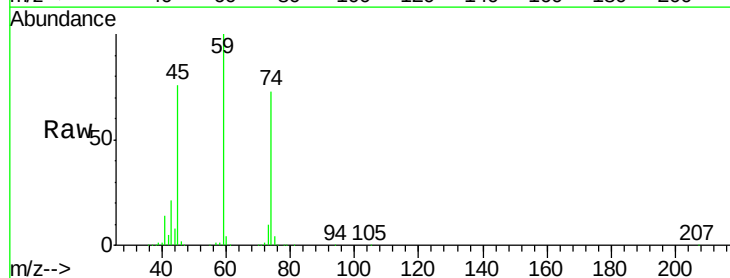
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



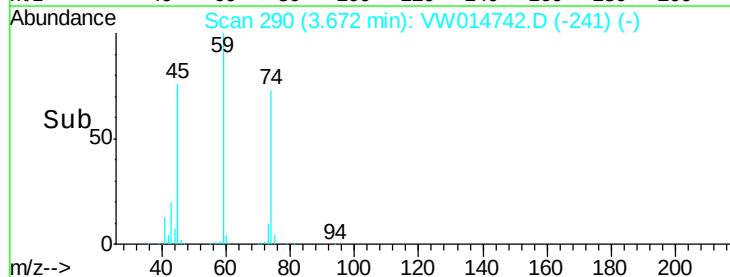
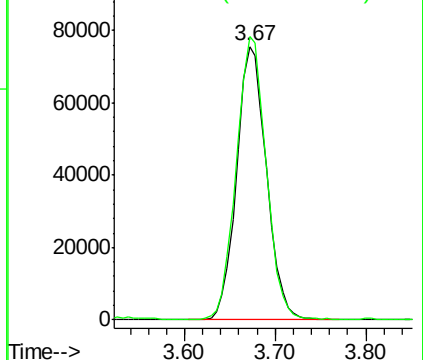
#8

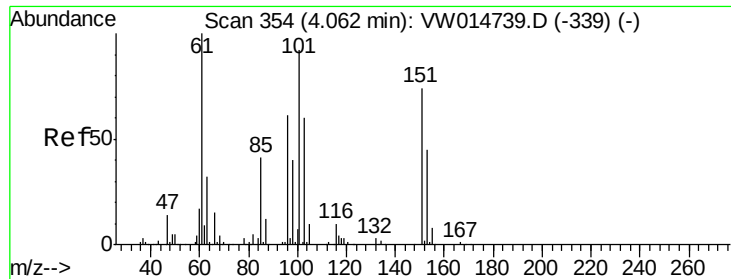
Diethyl Ether
 Concen: 49.18 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW014742.D
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Tgt Ion: 74 Resp: 172379
 Ion Ratio Lower Upper
 74 100
 45 103.3 52.7 158.1



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: 47.83 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

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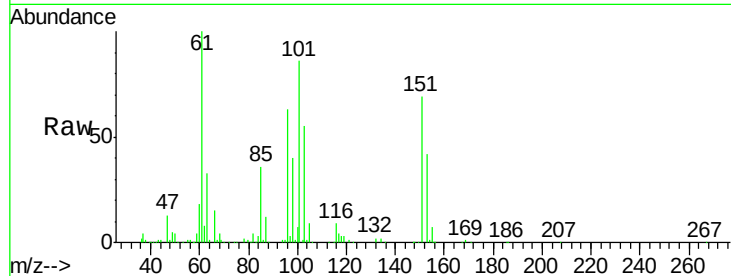
Tgt Ion:101 Resp: 336388

Ion Ratio Lower Upper

101 100

85 42.9 34.4 51.6

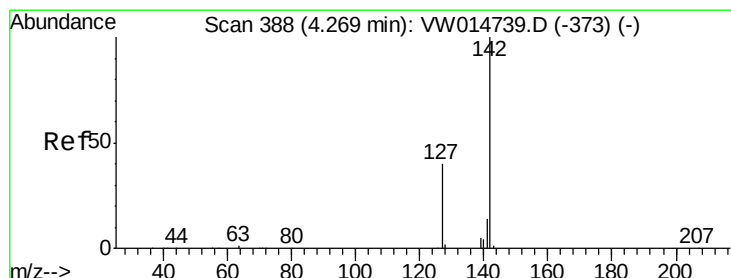
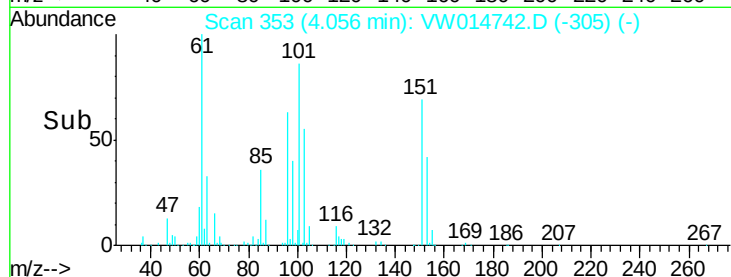
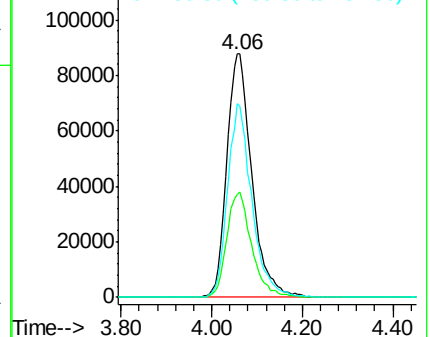
151 77.1 61.5 92.3



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: 47.72 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

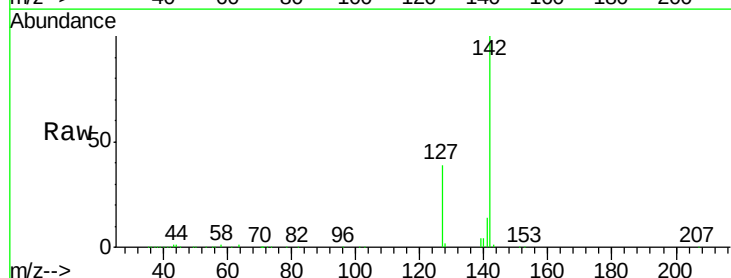
Tgt Ion:142 Resp: 464417

Ion Ratio Lower Upper

142 100

127 39.9 33.2 49.8

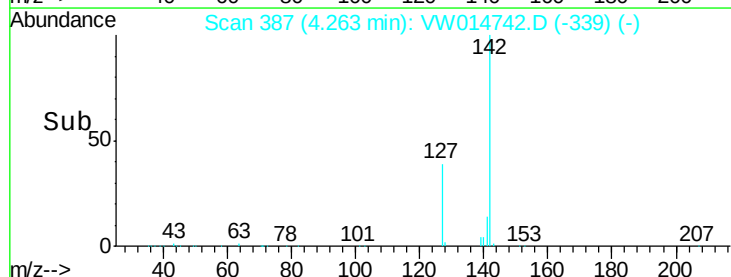
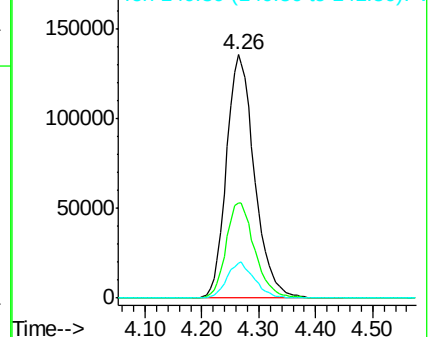
141 14.5 11.8 17.6

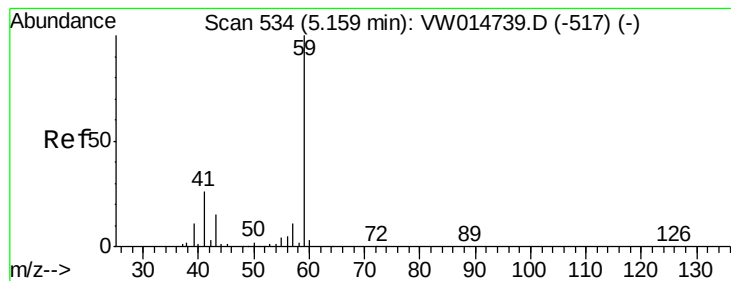


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 245.89 ug/l

RT: 5.15 min Scan# 533

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

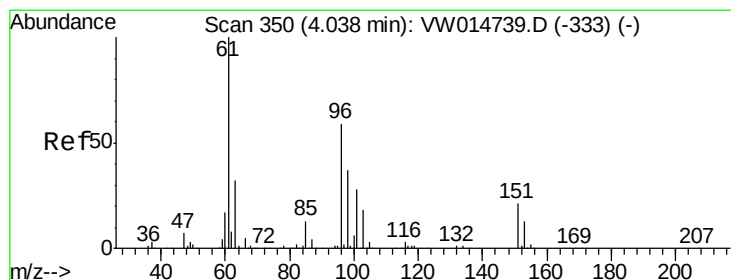
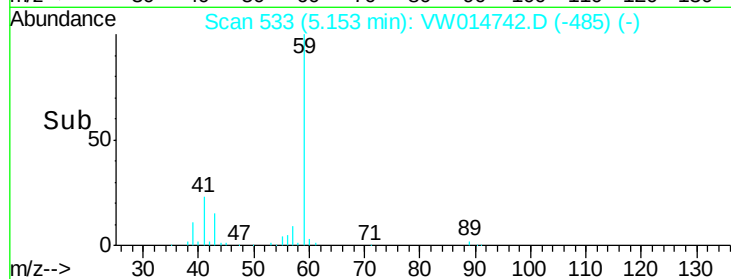
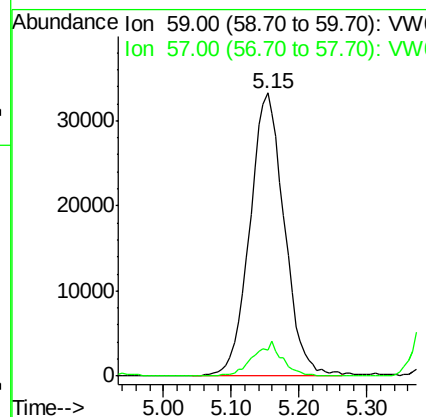
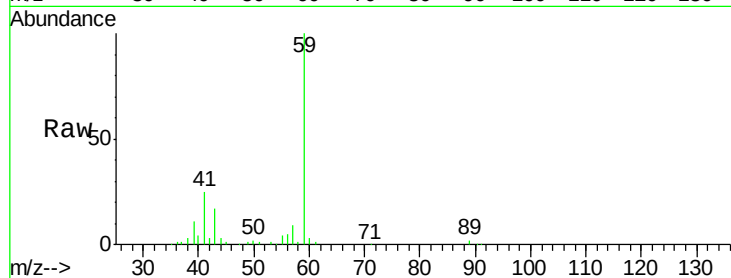
ICVW012420

Tgt Ion: 59 Resp: 117730

Ion Ratio Lower Upper

59 100

57 10.5 8.6 12.8



#12

1,1-Dichloroethene

Concen: 48.26 ug/l

RT: 4.03 min Scan# 349

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

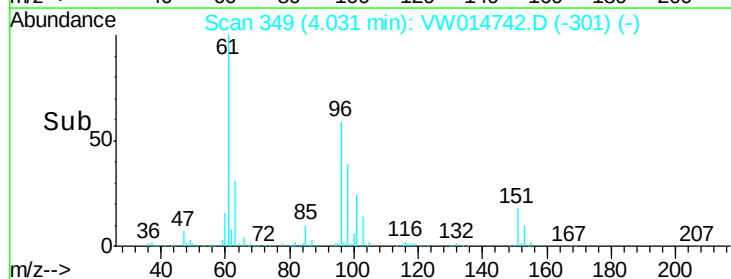
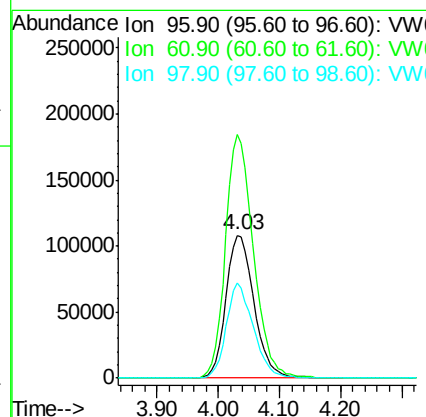
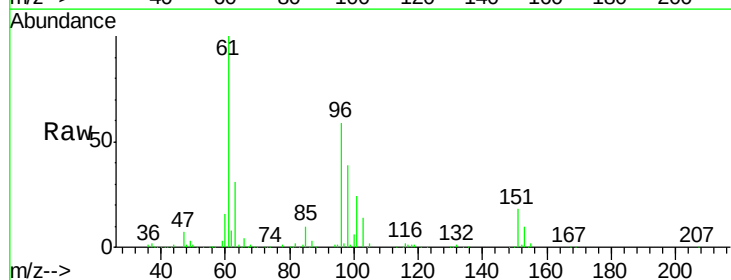
Tgt Ion: 96 Resp: 344356

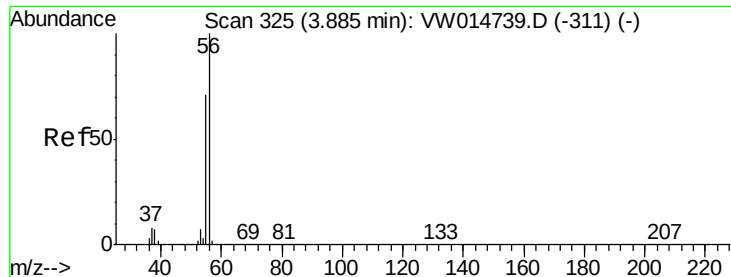
Ion Ratio Lower Upper

96 100

61 170.1 136.3 204.5

98 66.3 51.0 76.6





#13

Acrolein

Concen: 251.76 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

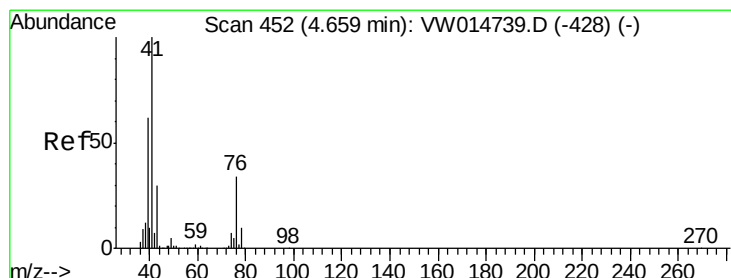
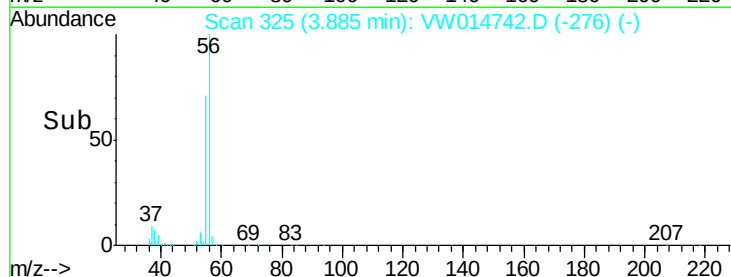
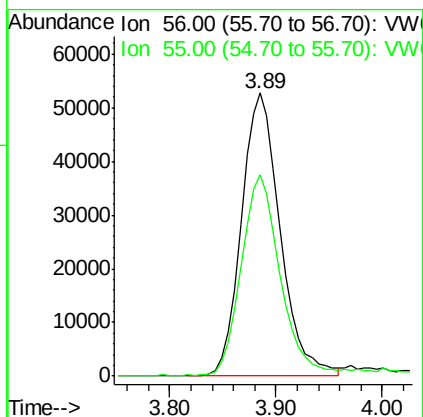
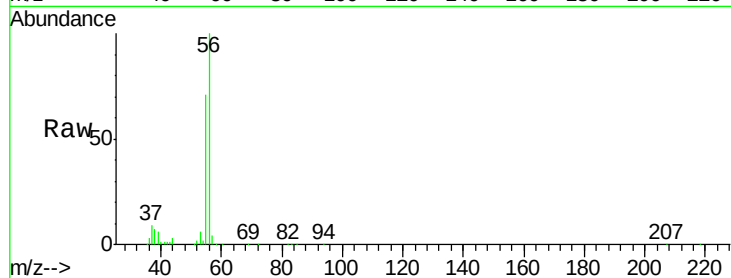
ICVW012420

Tgt Ion: 56 Resp: 134303

Ion Ratio Lower Upper

56 100

55 71.4 55.7 83.5



#14

Allyl chloride

Concen: 50.57 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

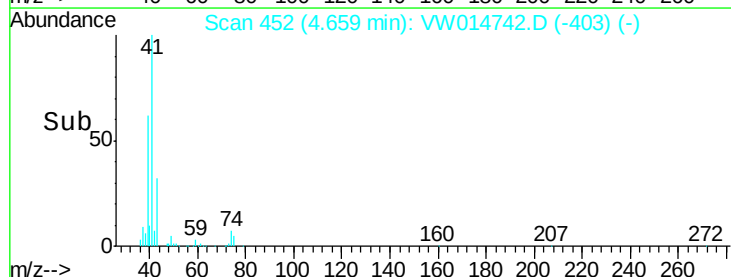
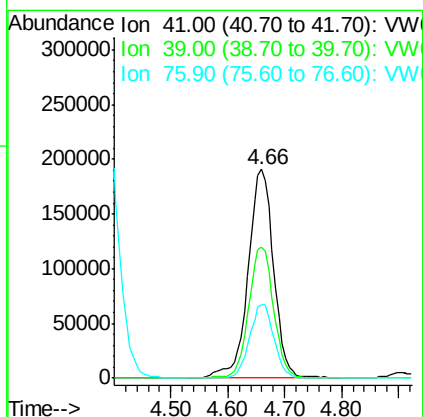
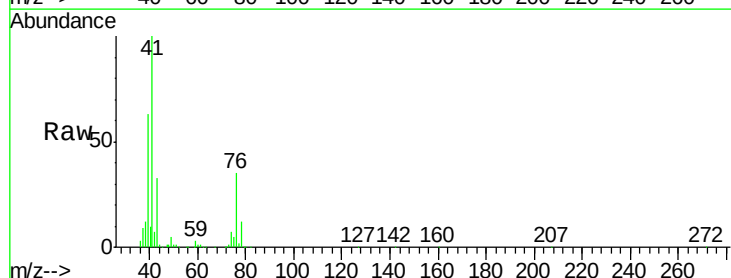
Tgt Ion: 41 Resp: 592576

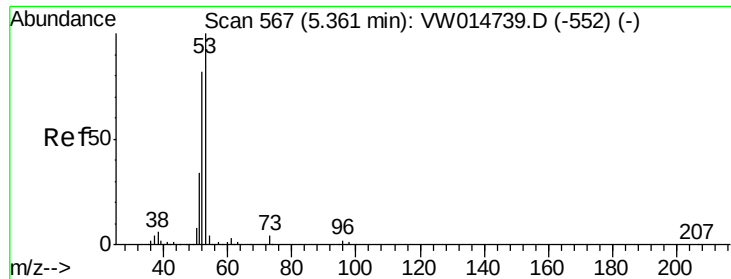
Ion Ratio Lower Upper

41 100

39 61.3 50.0 75.0

76 33.4 26.7 40.1





#15

Acrylonitrile

Concen: 251.31 ug/l

RT: 5.35 min Scan# 566

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW012420

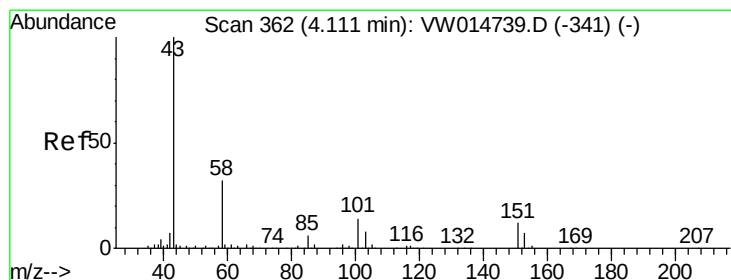
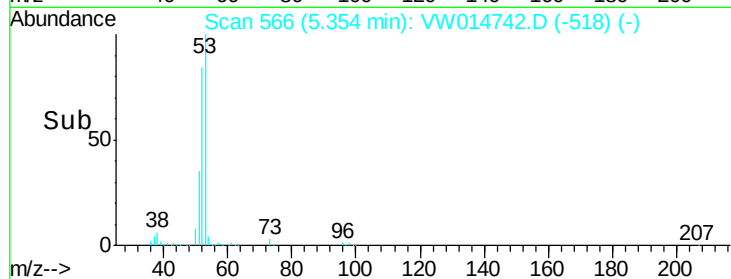
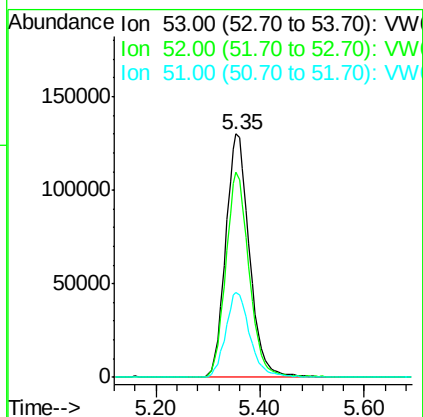
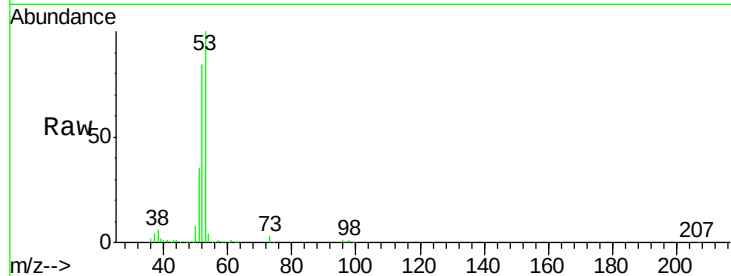
Tgt Ion: 53 Resp: 418057

Ion Ratio Lower Upper

53 100

52 82.3 66.0 99.0

51 35.8 28.6 43.0



#16

Acetone

Concen: 297.62 ug/l

RT: 4.11 min Scan# 362

Delta R.T. -0.00 min

Lab File: VW014742.D

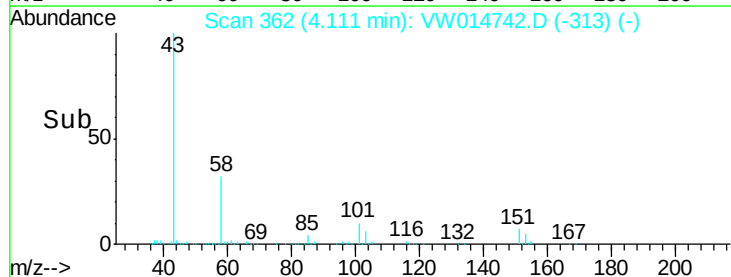
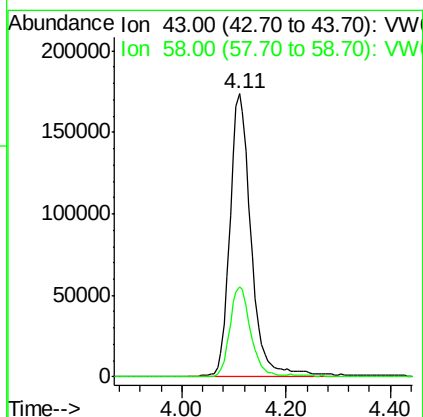
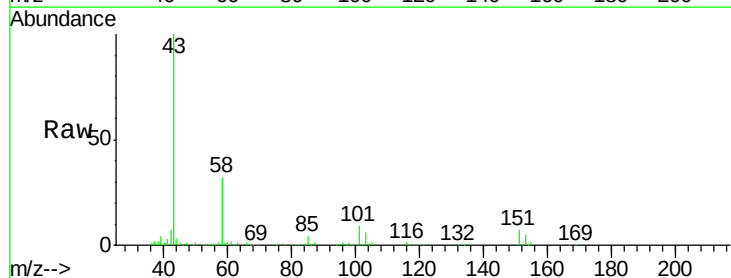
Acq: 24 Jan 2020 13:23

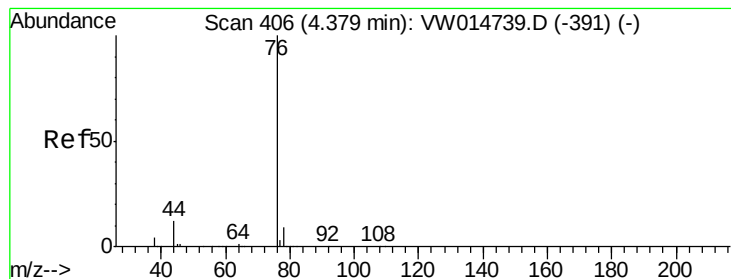
Tgt Ion: 43 Resp: 498407

Ion Ratio Lower Upper

43 100

58 31.6 25.6 38.4





#17

Carbon Disulfide

Concen: 48.25 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

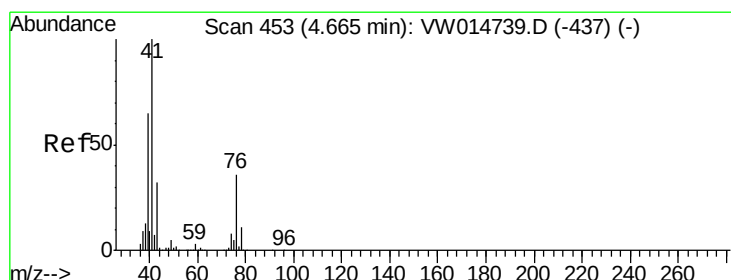
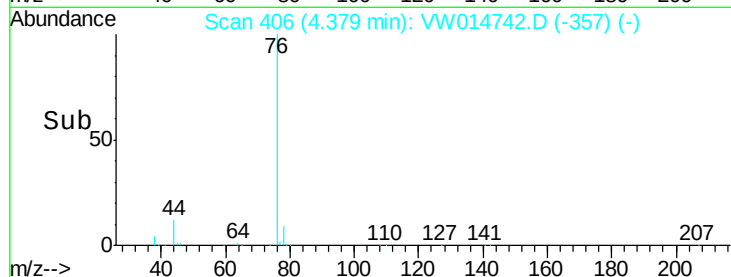
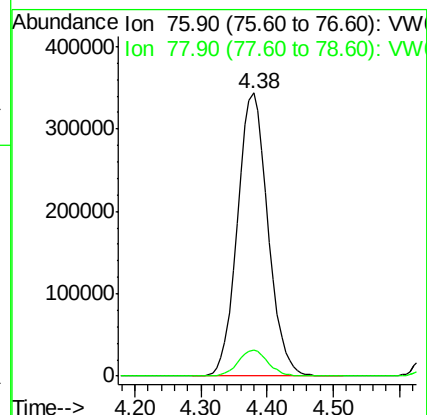
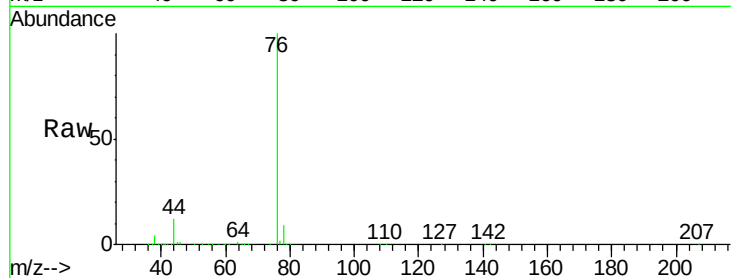
ICVW012420

Tgt Ion: 76 Resp: 1097578

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 48.72 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.01 min

Lab File: VW014742.D

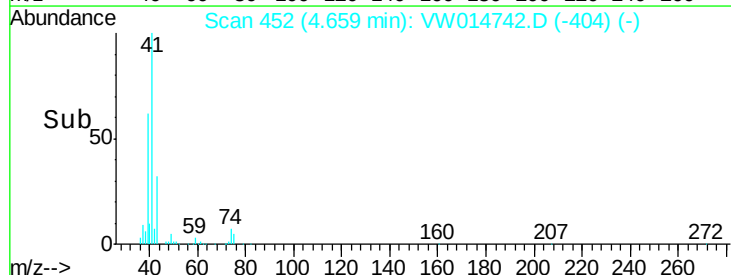
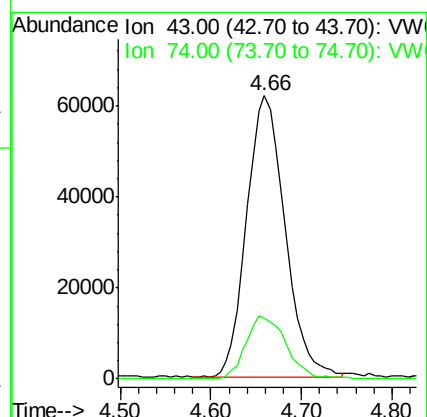
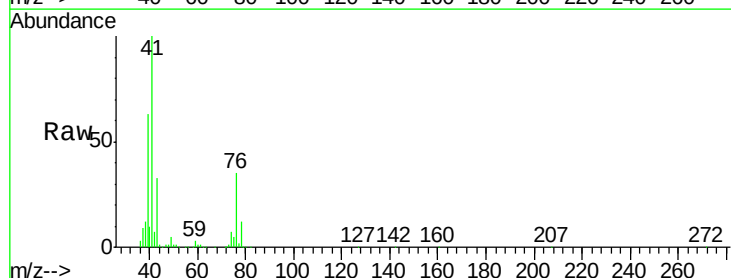
Acq: 24 Jan 2020 13:23

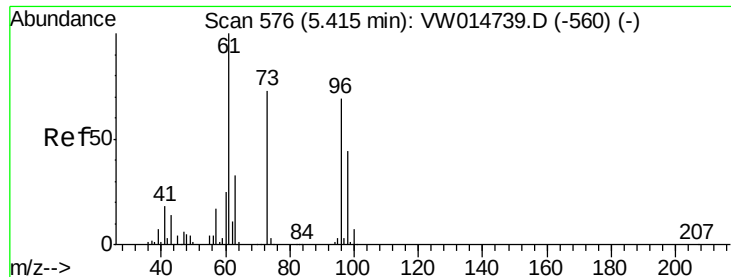
Tgt Ion: 43 Resp: 182646

Ion Ratio Lower Upper

43 100

74 23.4 18.4 27.6

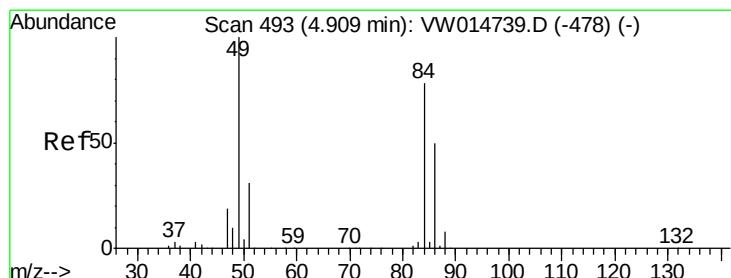
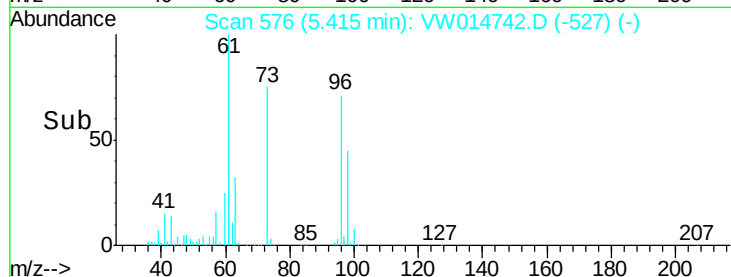
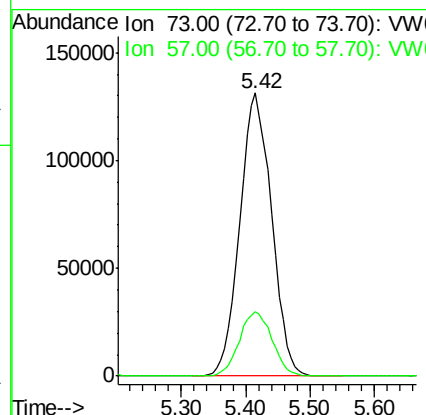
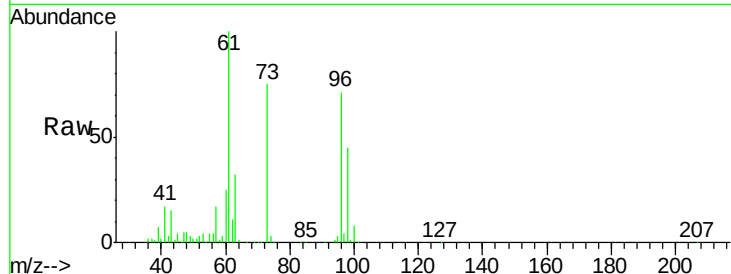




#19
Methyl tert-butyl Ether
Concen: 50.14 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

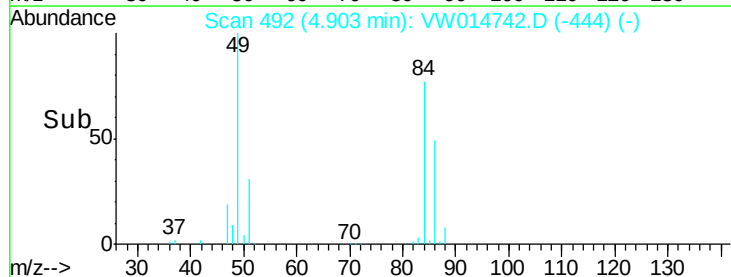
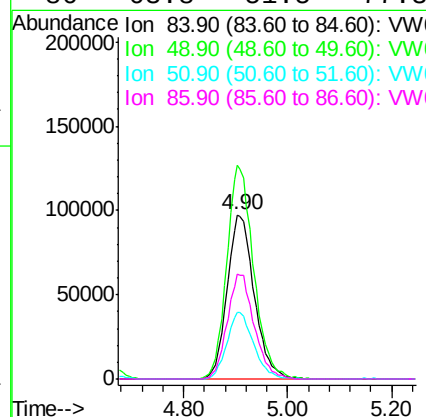
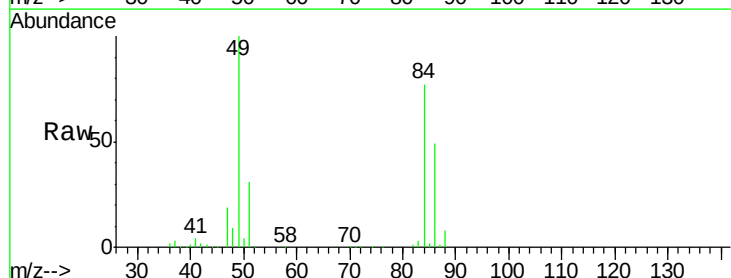
Instrument :
MSVOA_W
ClientSampled :
ICVW012420

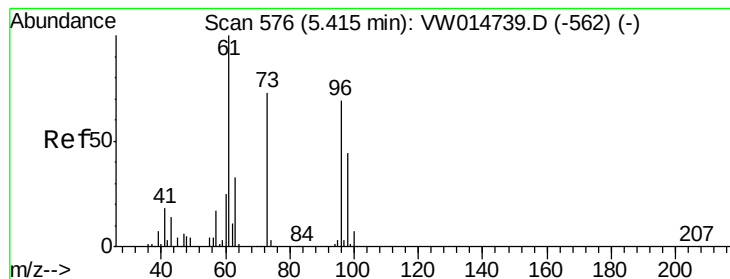
Tgt Ion: 73 Resp: 447771
Ion Ratio Lower Upper
73 100
57 22.7 18.5 27.7



#20
Methylene Chloride
Concen: 49.30 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion: 84 Resp: 355830
Ion Ratio Lower Upper
84 100
49 130.4 103.1 154.7
51 40.6 32.1 48.1
86 63.8 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 48.74 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW012420

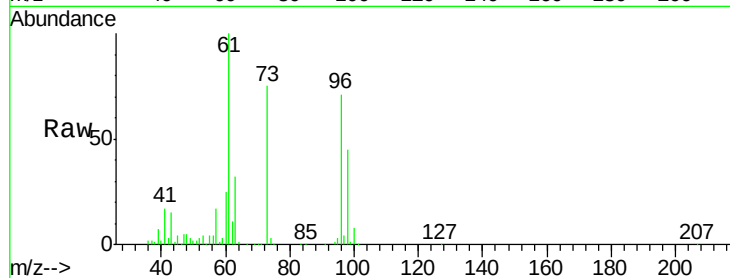
Tgt Ion: 96 Resp: 368784

Ion Ratio Lower Upper

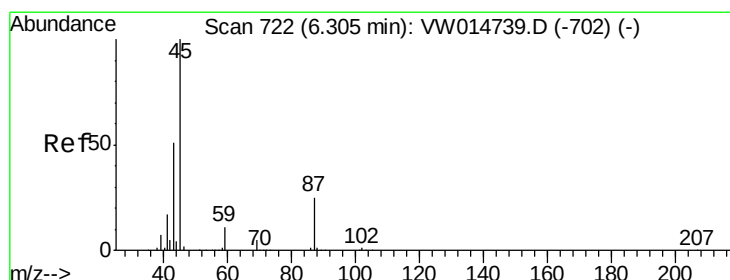
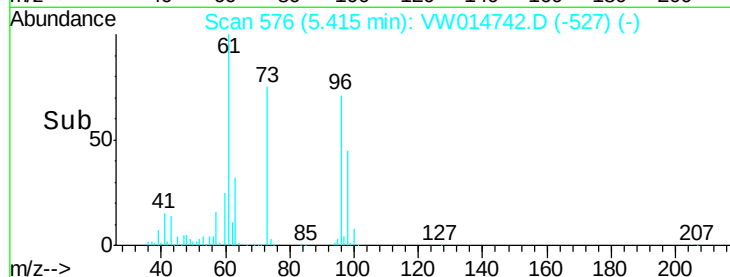
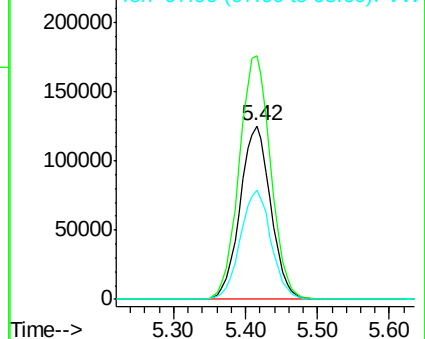
96 100

61 140.2 116.1 174.1

98 63.1 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: 49.32 ug/l

RT: 6.30 min Scan# 721

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Tgt Ion: 45 Resp: 1061454

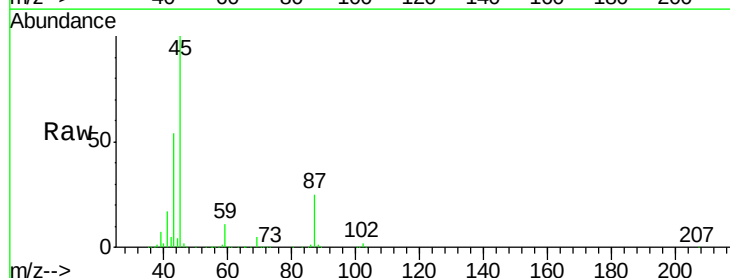
Ion Ratio Lower Upper

45 100

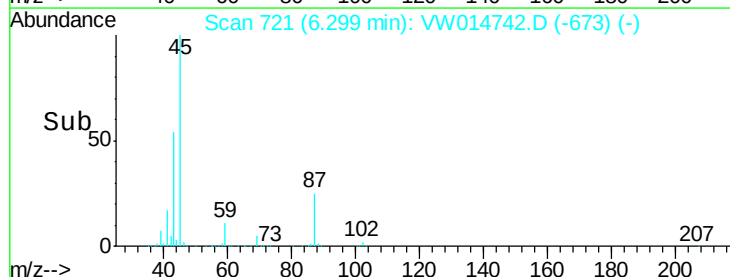
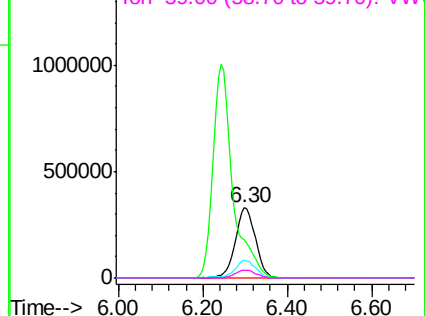
43 54.0 40.9 61.3

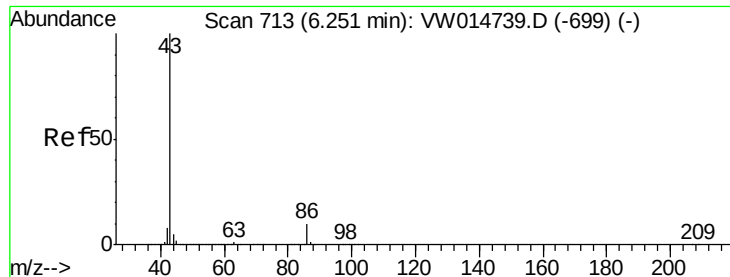
87 25.2 20.3 30.5

59 11.2 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

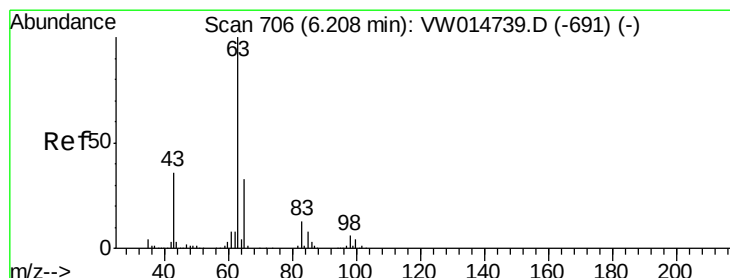
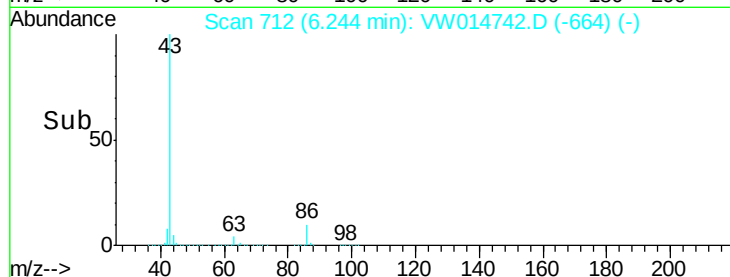
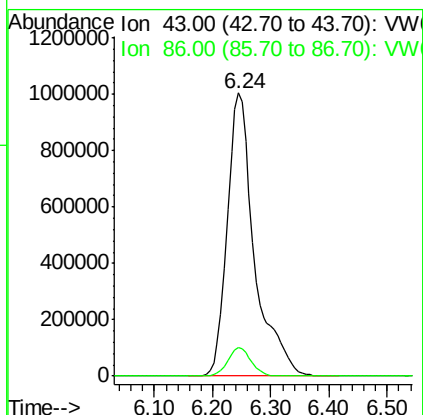
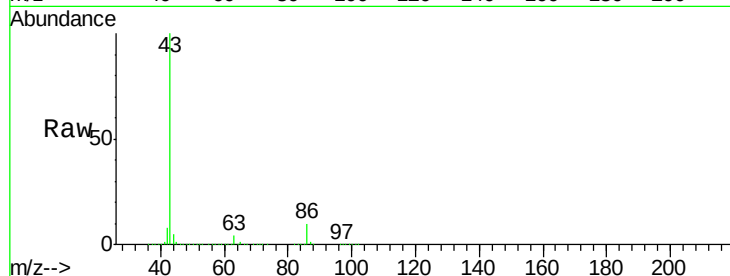




#23
 Vinyl Acetate
 Concen: 255.83 ug/l
 RT: 6.24 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

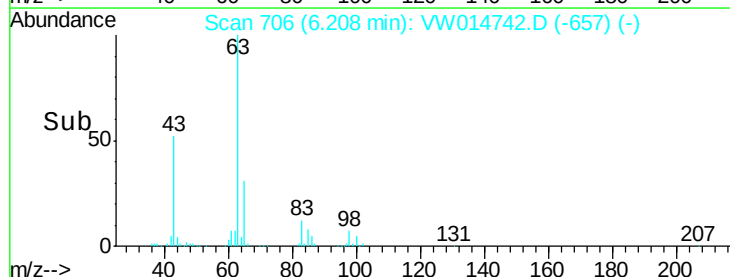
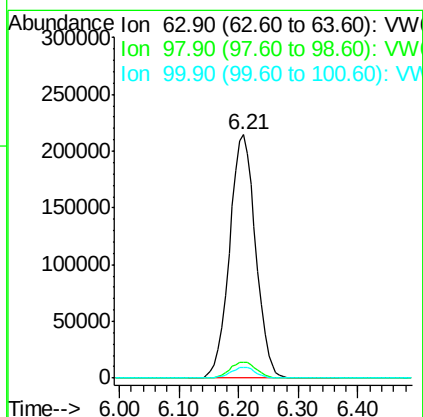
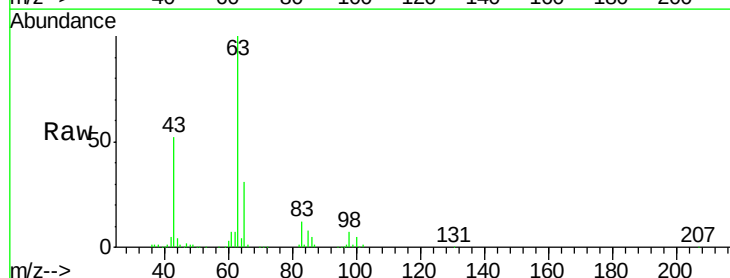
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

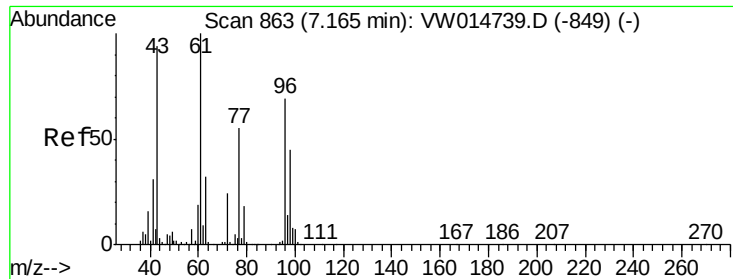
Tgt Ion: 43 Resp: 3264114
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.9 11.9



#24
 1,1-Dichloroethane
 Concen: 48.03 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion: 63 Resp: 649071
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.8
 100 4.6 2.1 6.5





#25

2-Butanone

Concen: 261.02 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

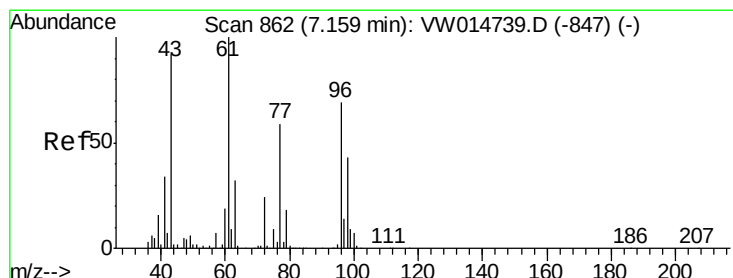
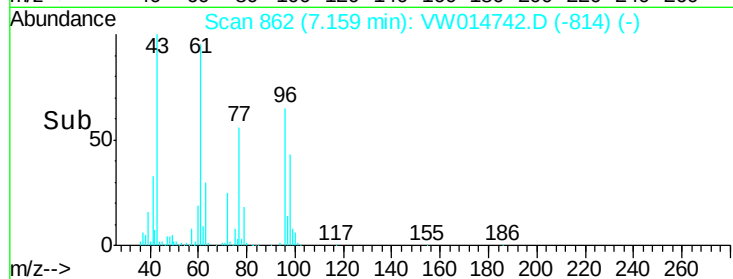
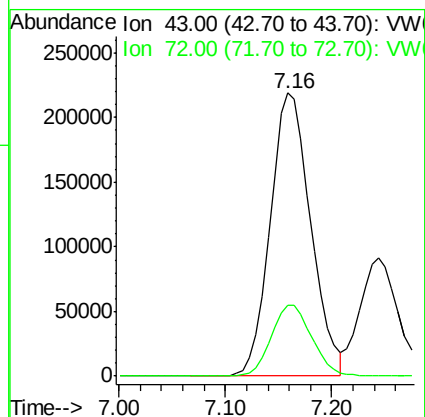
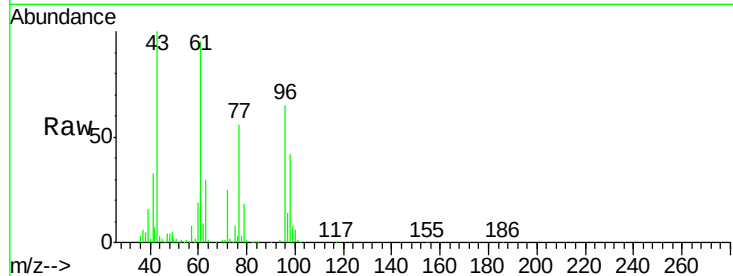
ICVW012420

Tgt Ion: 43 Resp: 575311

Ion Ratio Lower Upper

43 100

72 25.0 20.2 30.4



#26

2,2-Dichloropropane

Concen: 49.01 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW014742.D

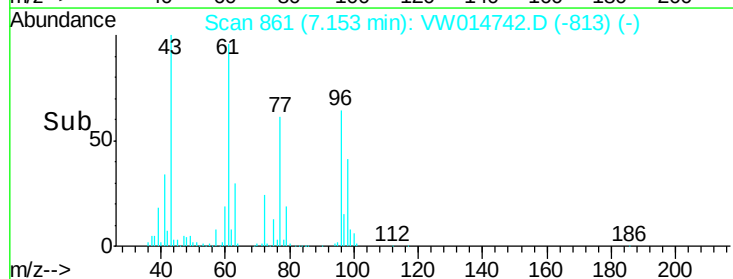
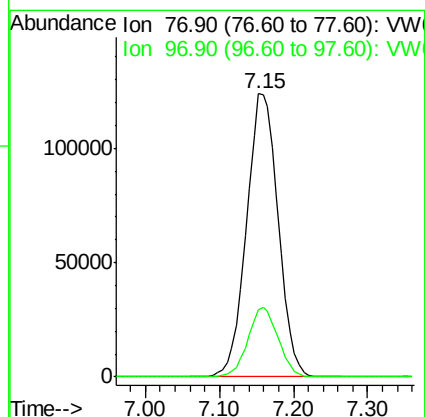
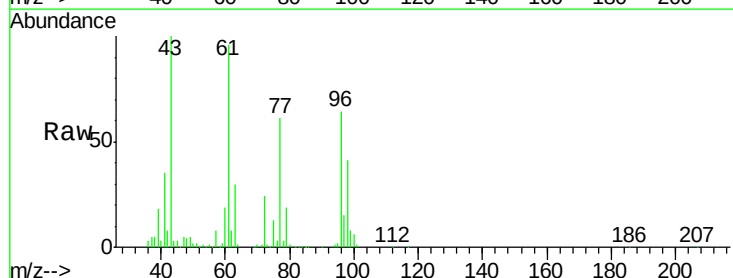
Acq: 24 Jan 2020 13:23

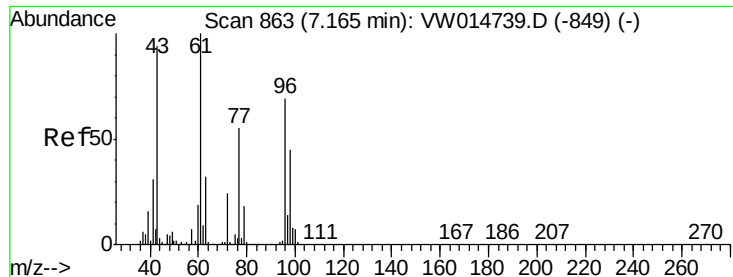
Tgt Ion: 77 Resp: 369077

Ion Ratio Lower Upper

77 100

97 23.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 49.32 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampled :

ICVW012420

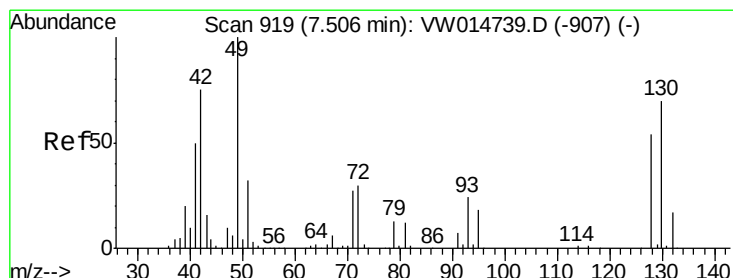
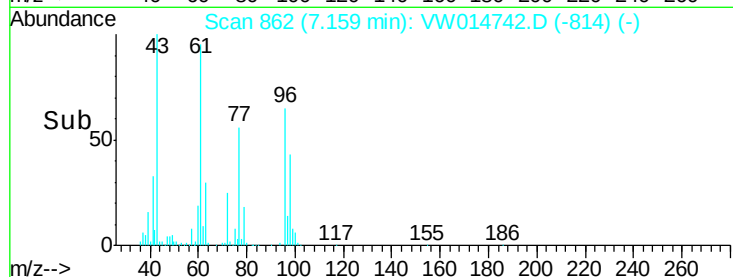
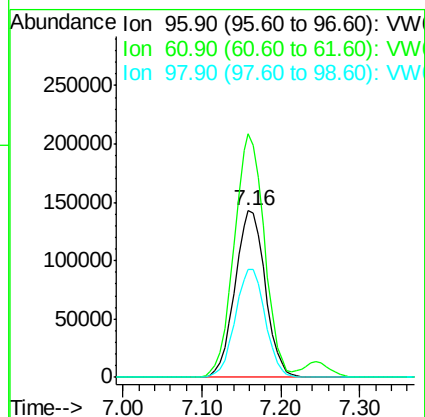
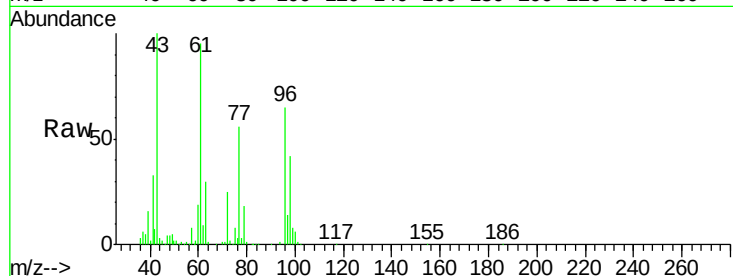
Tgt Ion: 96 Resp: 381924

Ion Ratio Lower Upper

96 100

61 145.6 0.0 292.2

98 64.1 0.0 127.6



#28

Bromochloromethane

Concen: 48.55 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

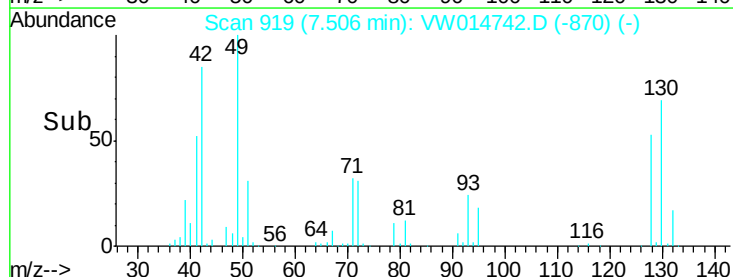
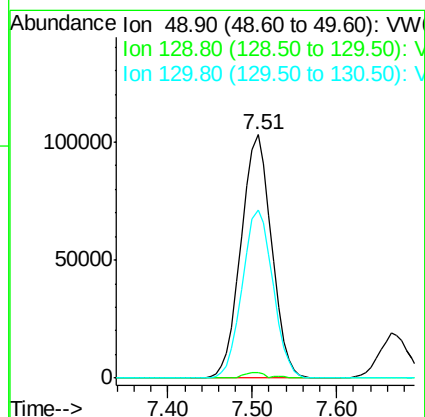
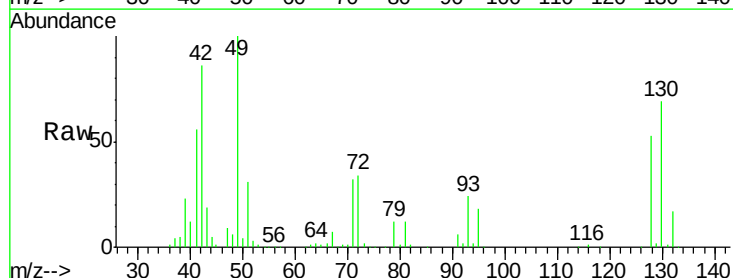
Tgt Ion: 49 Resp: 253093

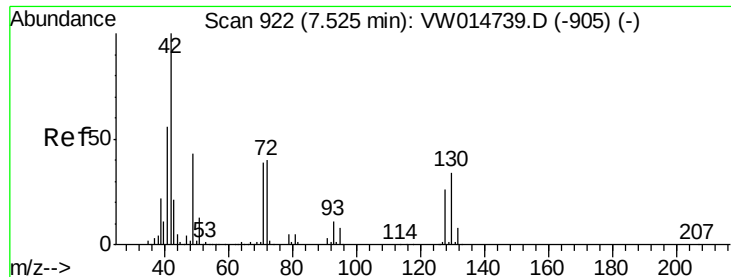
Ion Ratio Lower Upper

49 100

129 1.3 0.0 2.6

130 69.2 56.7 85.1

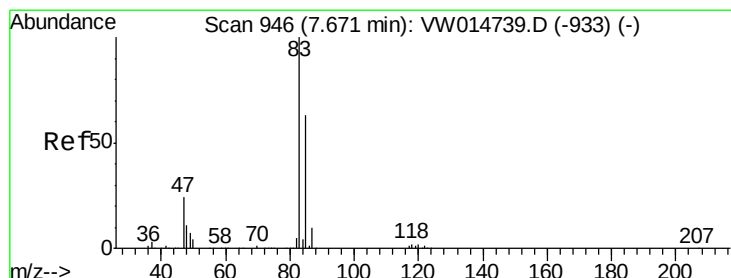
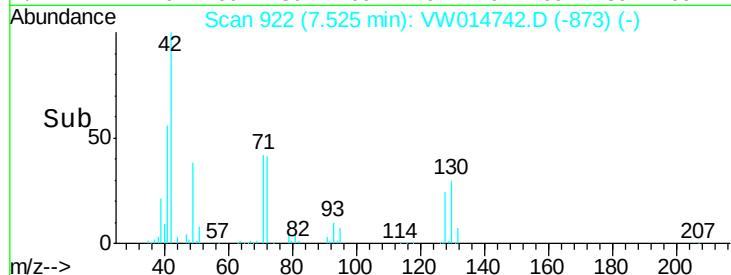
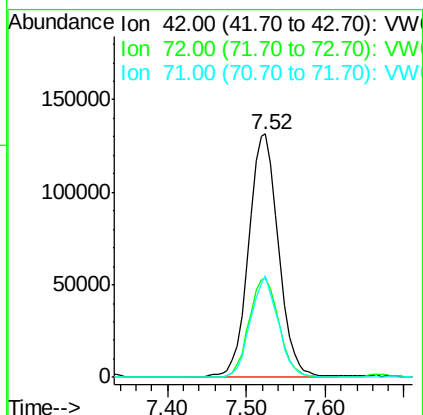
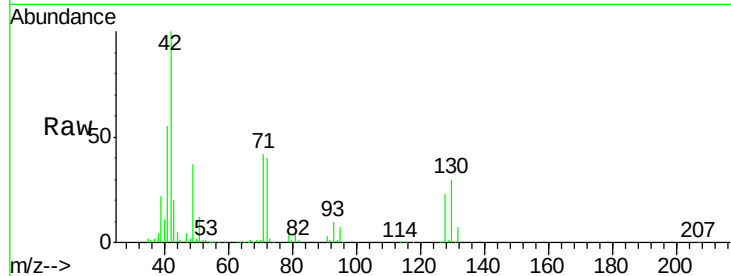




#29
Tetrahydrofuran
Concen: 247.74 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

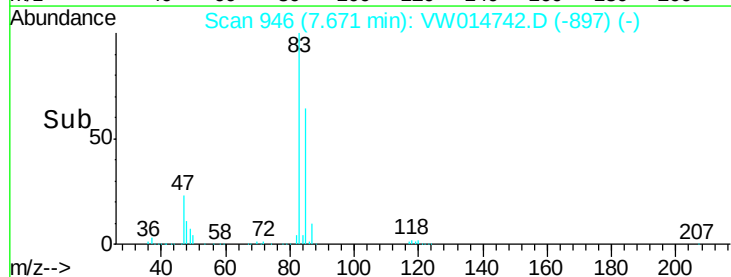
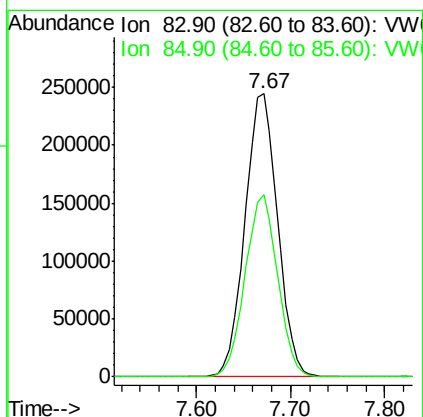
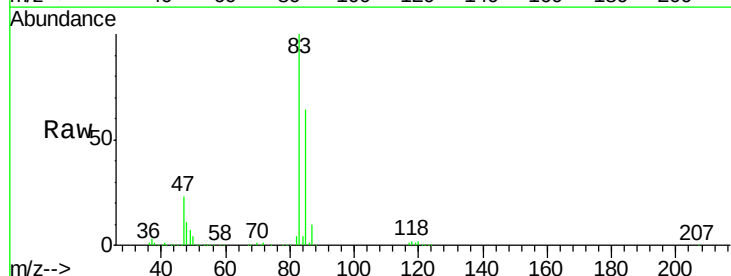
Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

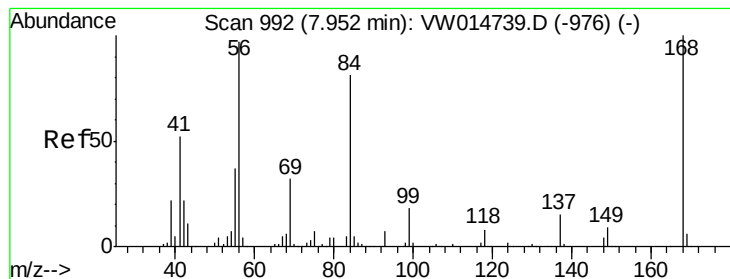
Tgt Ion: 42 Resp: 345410
Ion Ratio Lower Upper
42 100
72 41.1 32.3 48.5
71 38.6 31.0 46.4



#30
Chloroform
Concen: 47.80 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion: 83 Resp: 596577
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1





#31

Cyclohexane

Concen: 47.81 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW012420

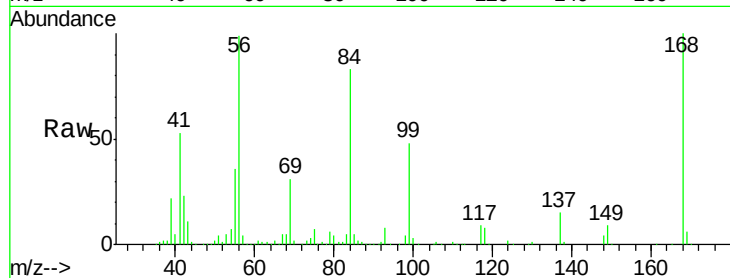
Tgt Ion: 56 Resp: 662950

Ion Ratio Lower Upper

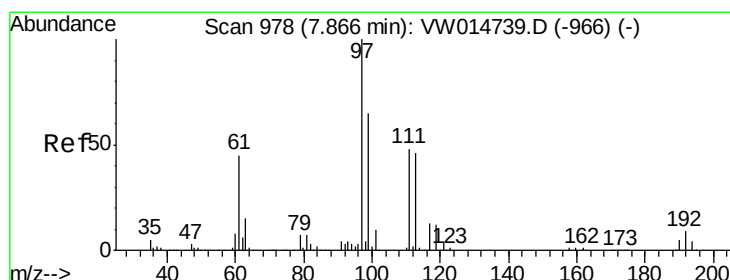
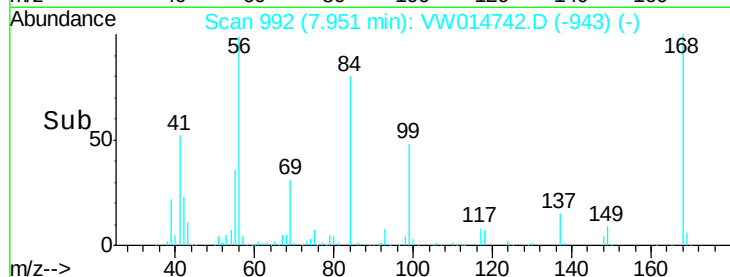
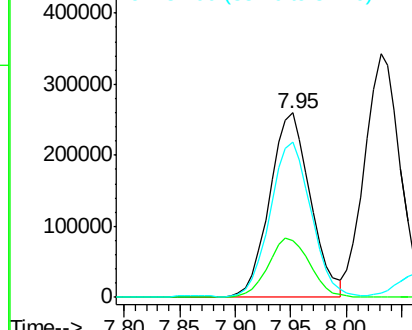
56 100

69 31.1 26.0 39.0

84 82.9 66.6 99.8



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



#32

1,1,1-Trichloroethane

Concen: 48.77 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

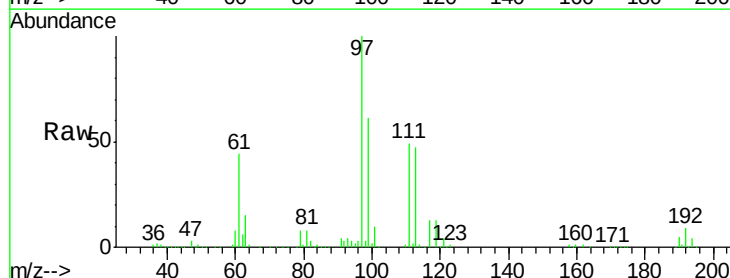
Tgt Ion: 97 Resp: 494126

Ion Ratio Lower Upper

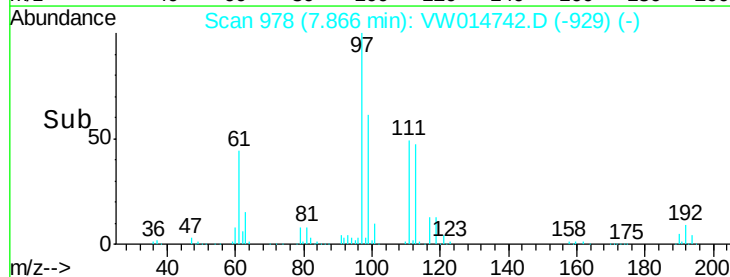
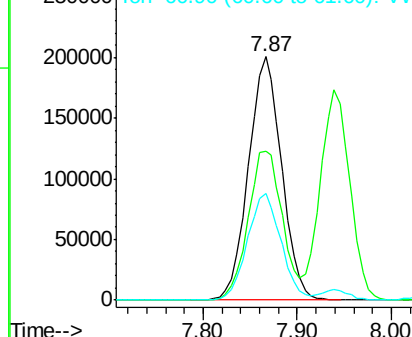
97 100

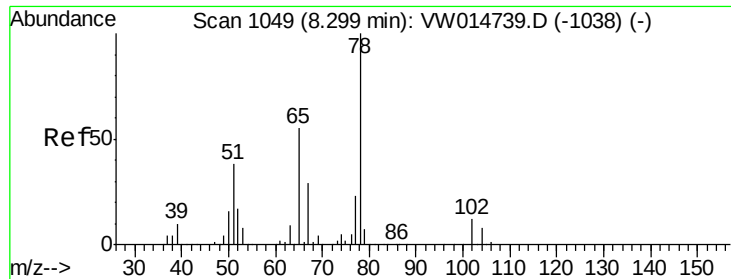
99 63.5 52.2 78.4

61 44.5 36.2 54.4



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

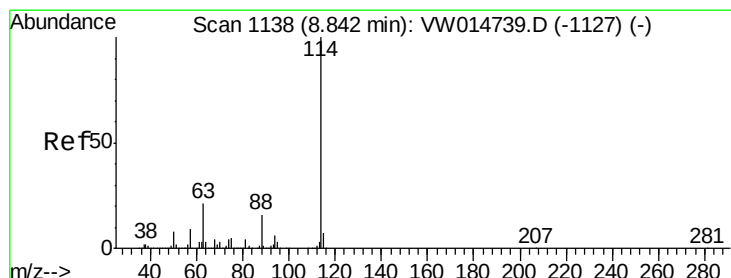
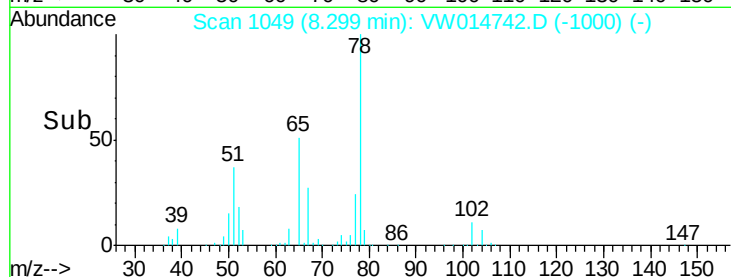
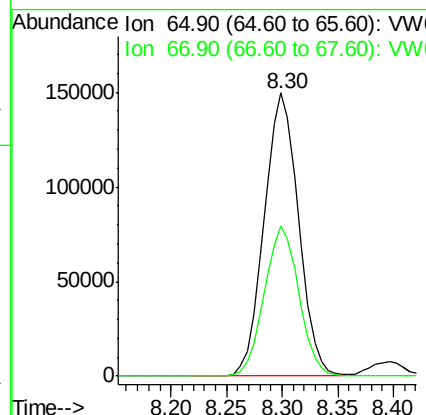
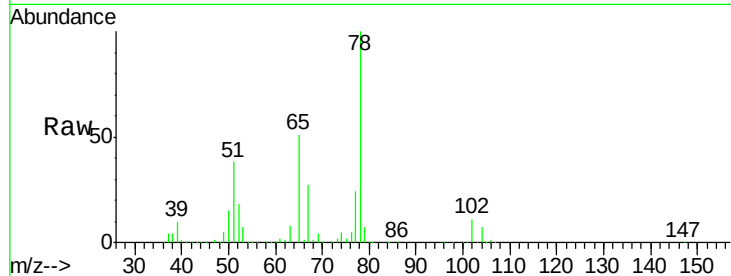




#33
 1,2-Dichloroethane-d4
 Concen: 48.40 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

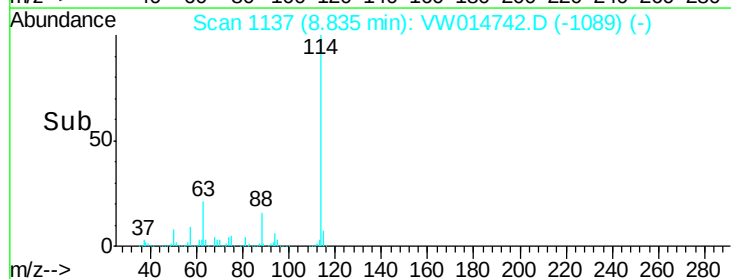
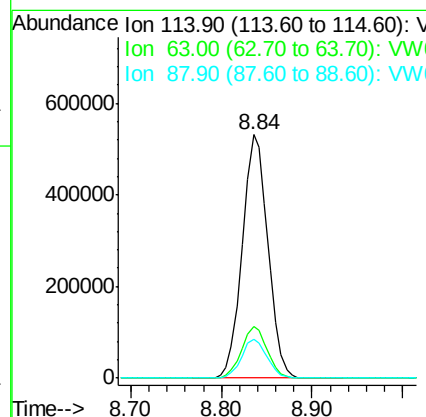
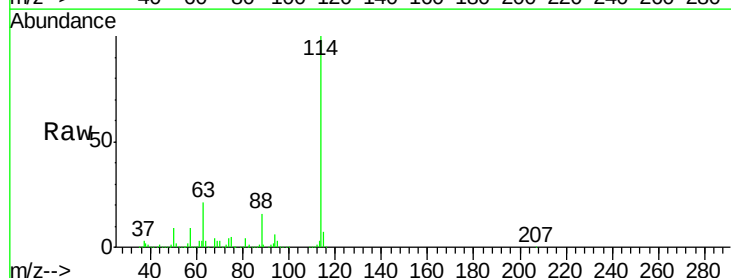
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

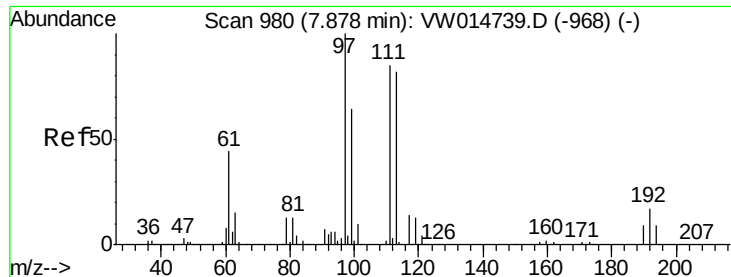
Tgt Ion: 65 Resp: 322532
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion: 114 Resp: 1039948
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.2
 88 16.1 0.0 32.2

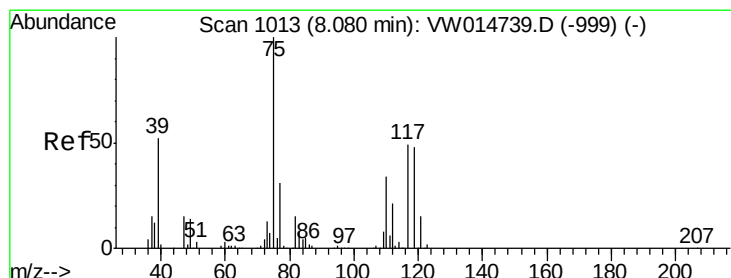
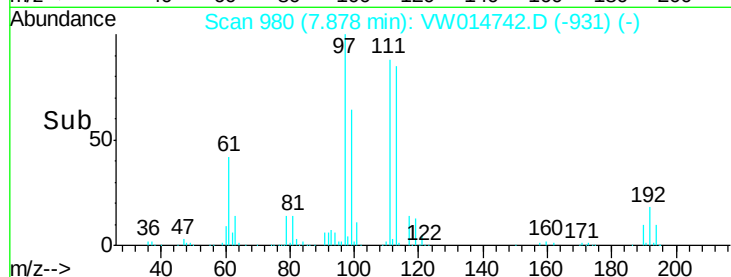
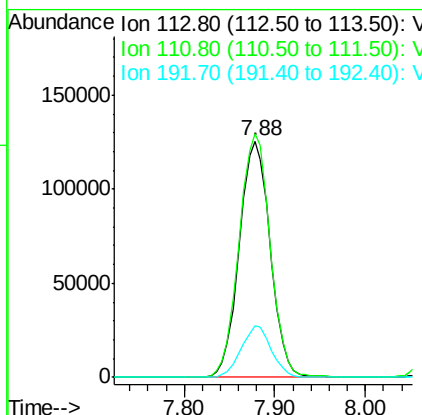
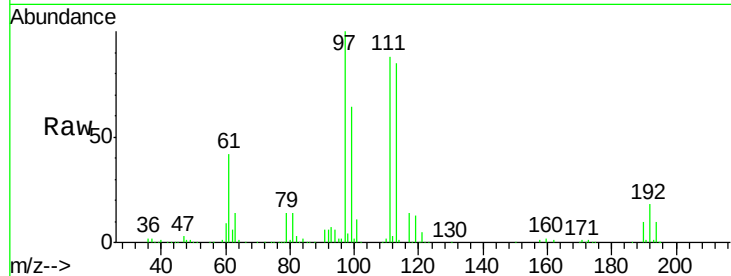




#35
 Dibromofluoromethane
 Concen: 48.97 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

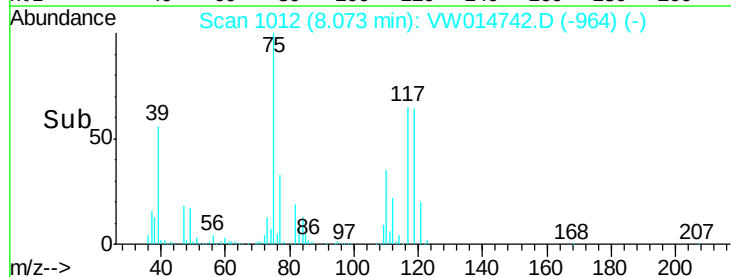
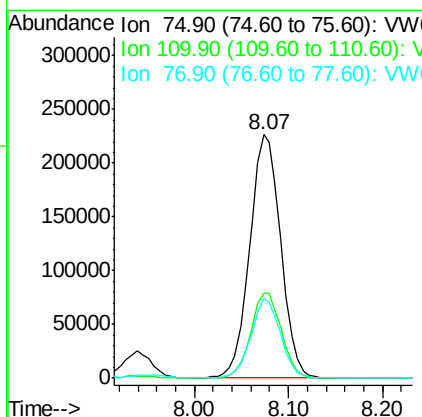
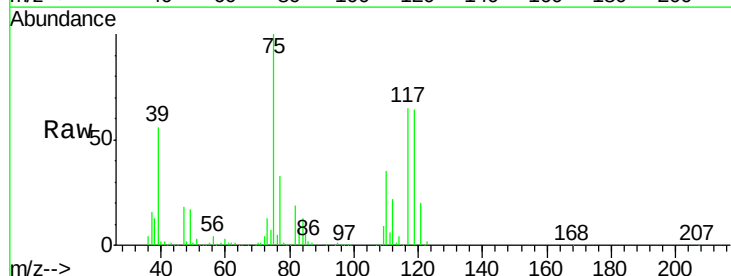
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

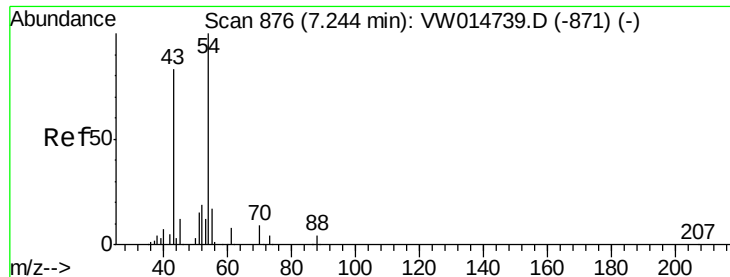
Tgt Ion: 113 Resp: 296451
 Ion Ratio Lower Upper
 113 100
 111 103.8 82.2 123.2
 192 21.2 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 49.42 ug/l
 RT: 8.07 min Scan# 1012
 Delta R.T. -0.01 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion: 75 Resp: 521138
 Ion Ratio Lower Upper
 75 100
 110 34.6 17.1 51.2
 77 31.3 24.8 37.2

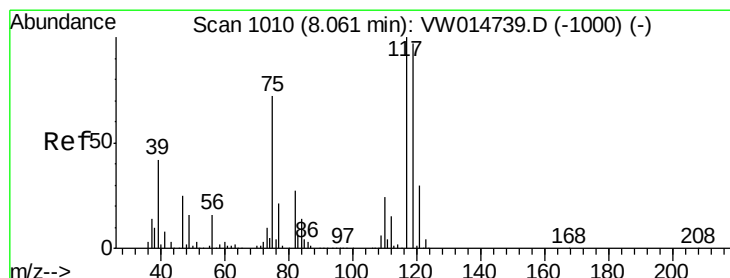
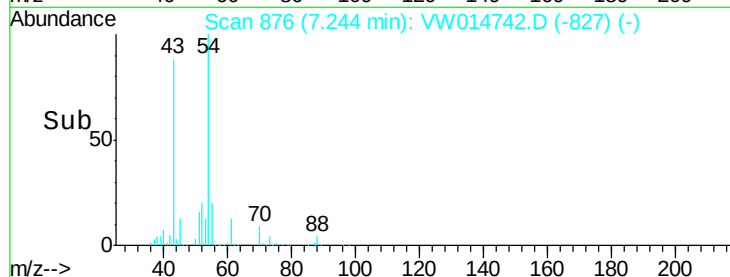
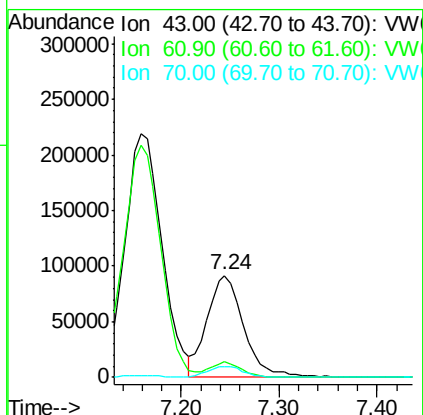
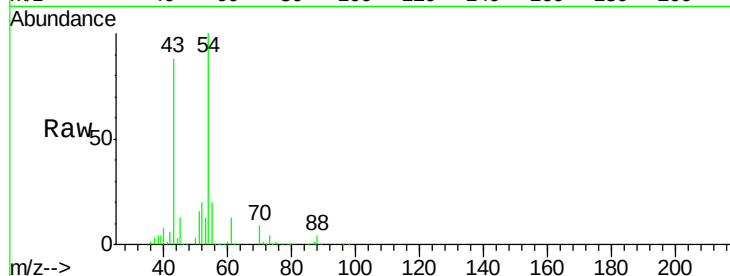




#37
Ethyl Acetate
 Concen: 50.16 ug/l
 RT: 7.24 min Scan# 876
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

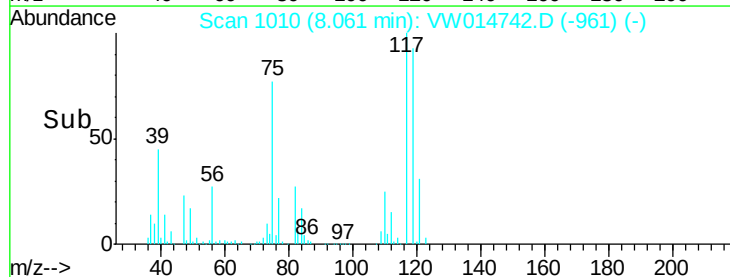
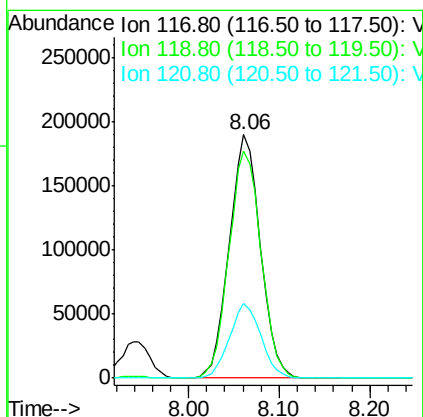
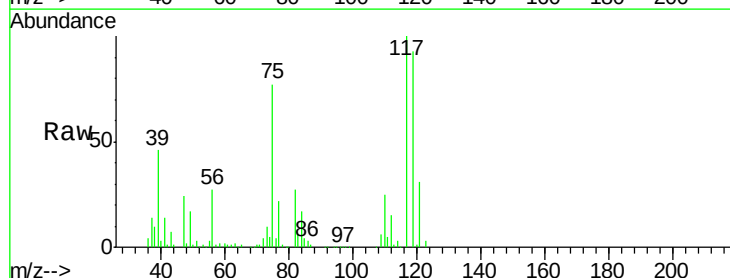
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

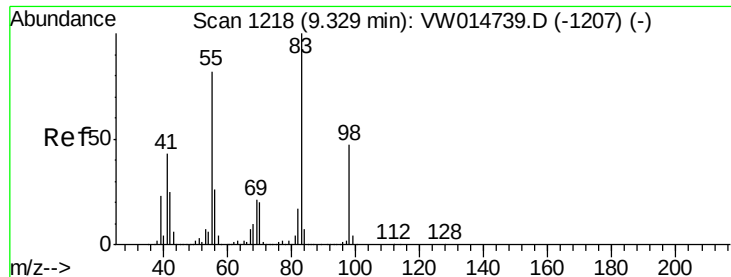
Tgt Ion: 43 Resp: 235099
 Ion Ratio Lower Upper
 43 100
 61 13.9 10.7 16.1
 70 10.4 8.5 12.7



#38
Carbon Tetrachloride
 Concen: 49.32 ug/l
 RT: 8.06 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion: 117 Resp: 452963
 Ion Ratio Lower Upper
 117 100
 119 93.2 77.5 116.3
 121 30.5 24.3 36.5

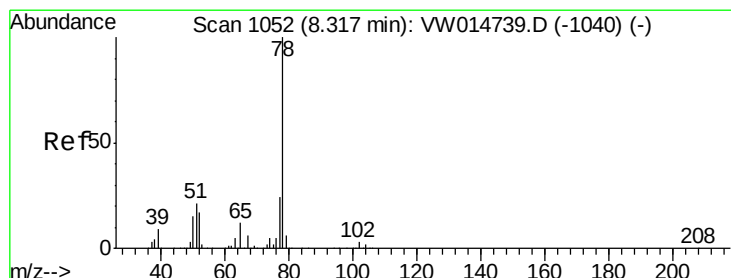
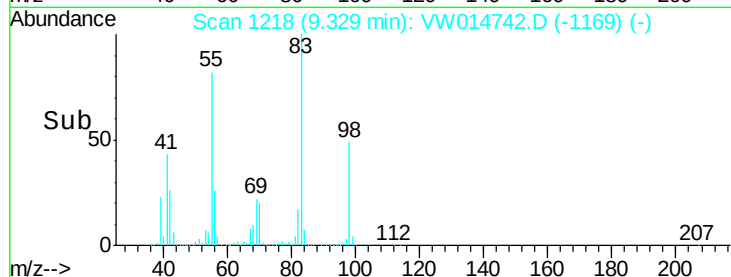
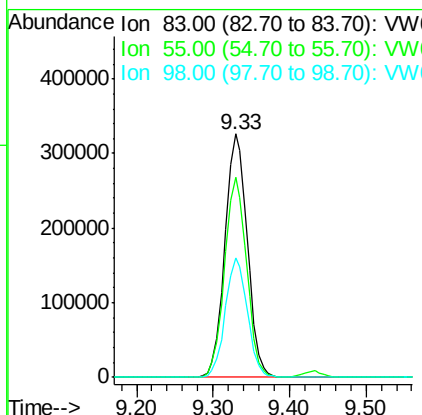
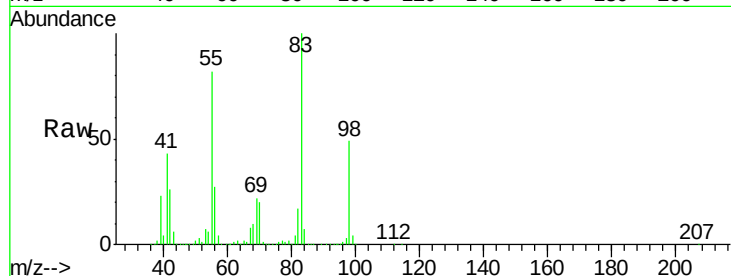




#39
Methylcyclohexane
Concen: 52.17 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

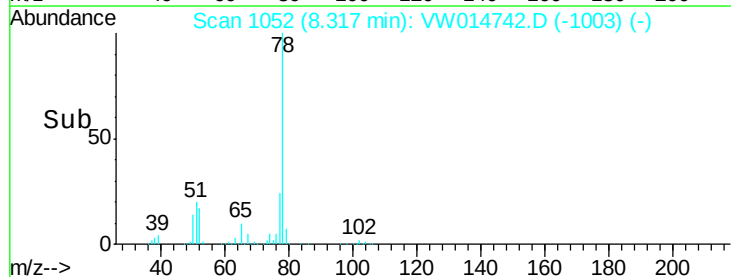
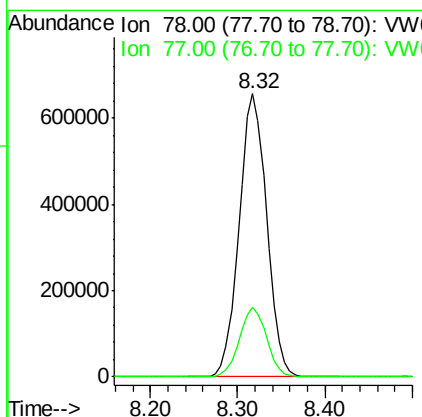
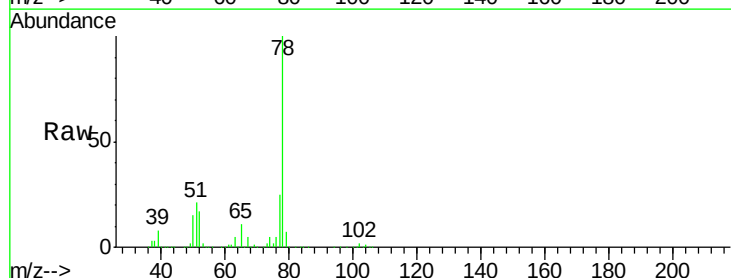
Instrument :
MSVOA_W
ClientSampled :
ICVW012420

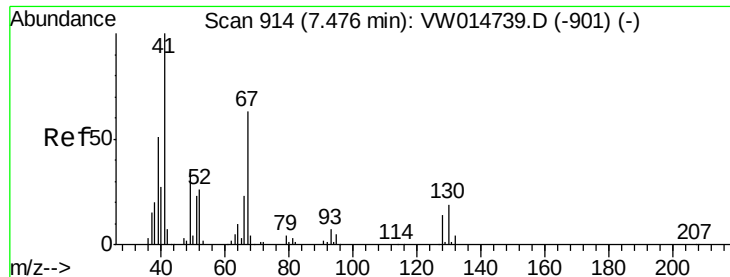
Tgt Ion: 83 Resp: 662009
Ion Ratio Lower Upper
83 100
55 82.0 65.2 97.8
98 49.0 37.6 56.4



#40
Benzene
Concen: 48.79 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion: 78 Resp: 1436733
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7

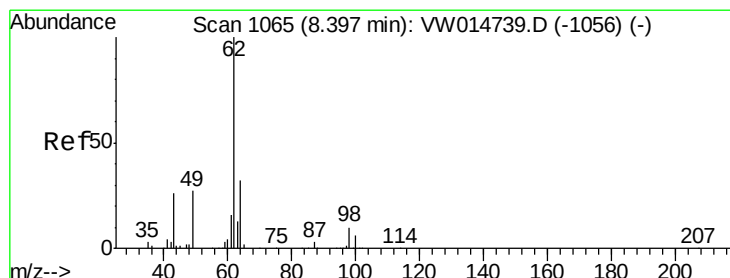
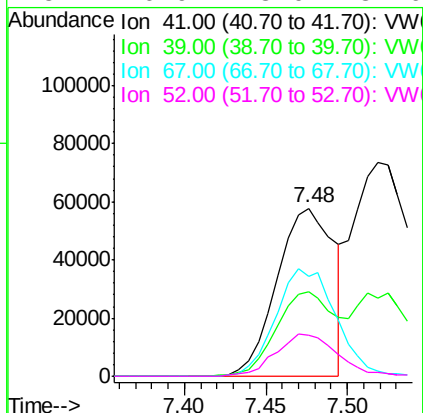
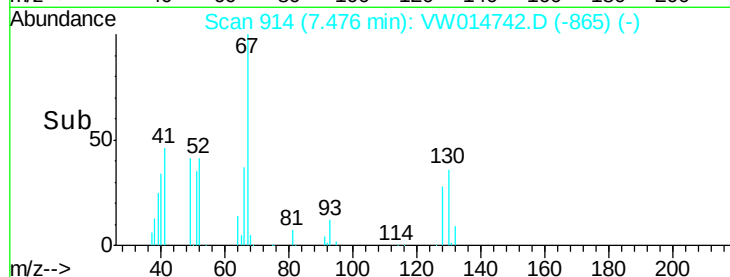
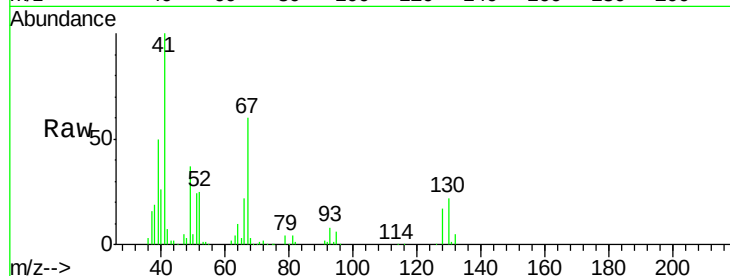




#41
Methacrylonitrile
Concen: 54.70 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

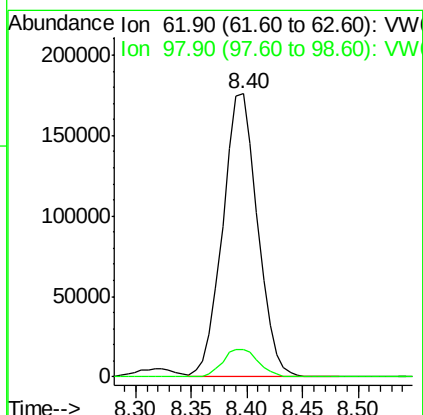
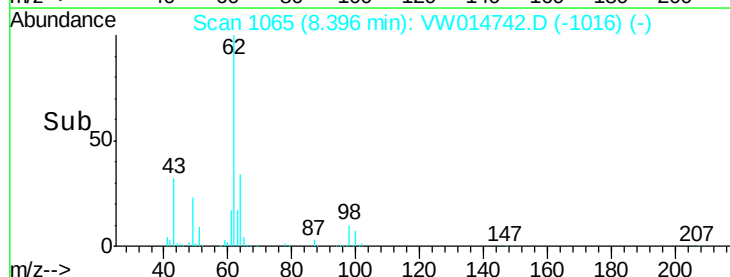
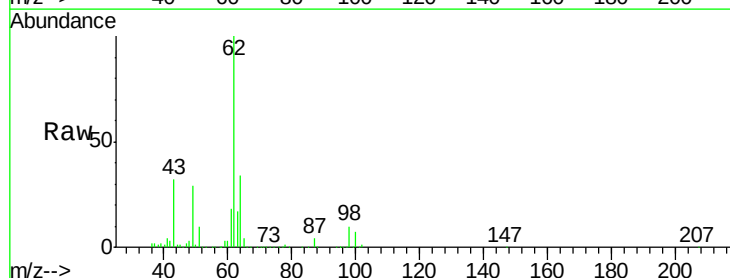
Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

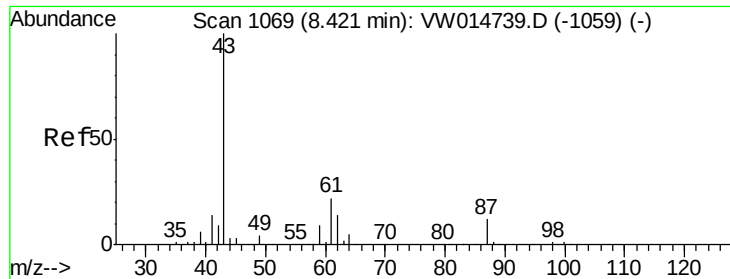
Tgt Ion:	41	Resp:	140293
Ion	Ratio	Lower	Upper
41	100		
39	54.9	45.3	67.9
67	67.9	57.0	85.4
52	26.9	23.0	34.6



#42
1,2-Dichloroethane
Concen: 48.27 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion:	62	Resp:	381956
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.6





#43

Isopropyl Acetate

Concen: 49.79 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW012420

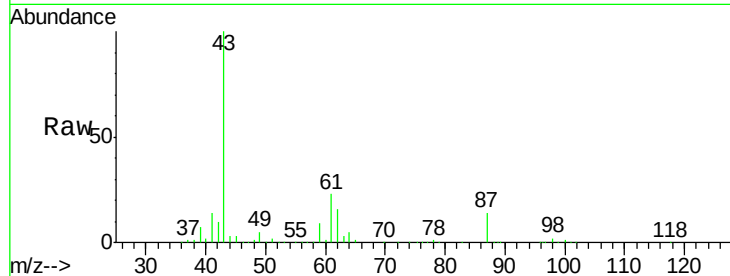
Tgt Ion: 43 Resp: 422535

Ion Ratio Lower Upper

43 100

61 30.5 24.4 36.6

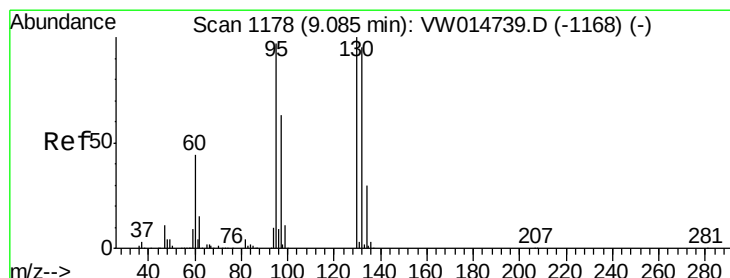
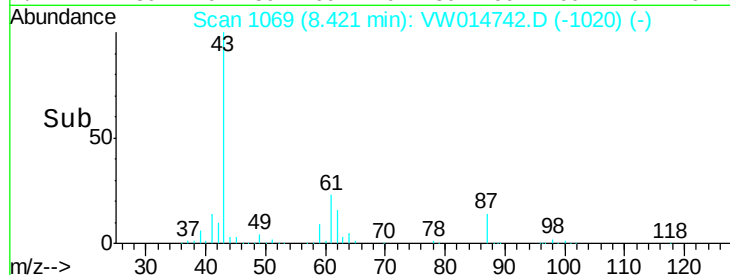
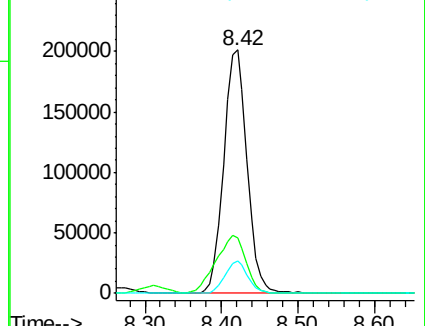
87 13.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 49.72 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW014742.D

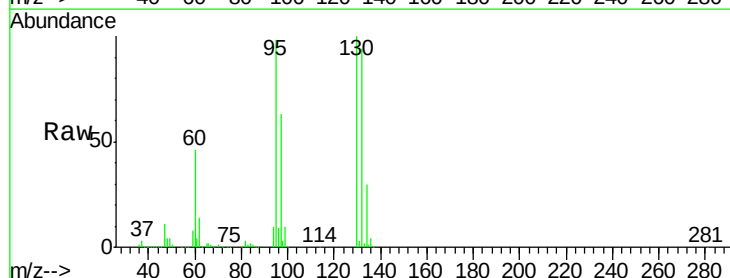
Acq: 24 Jan 2020 13:23

Tgt Ion: 130 Resp: 373634

Ion Ratio Lower Upper

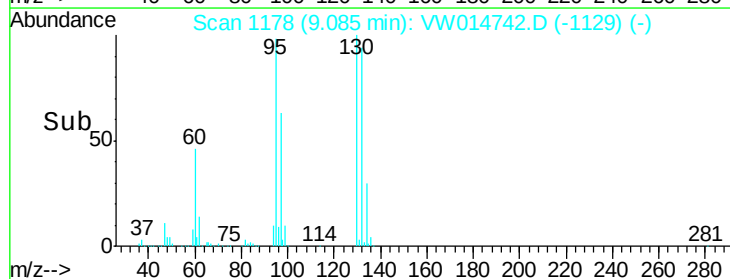
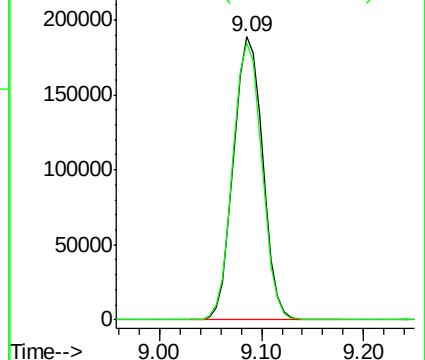
130 100

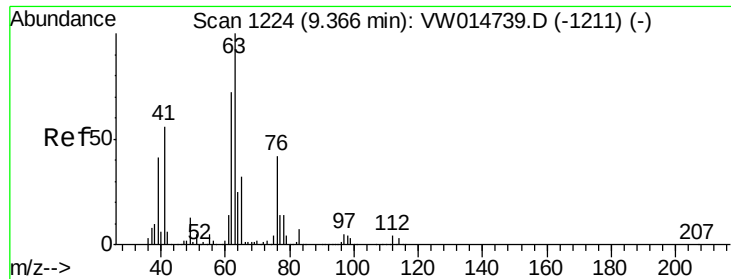
95 98.0 0.0 193.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

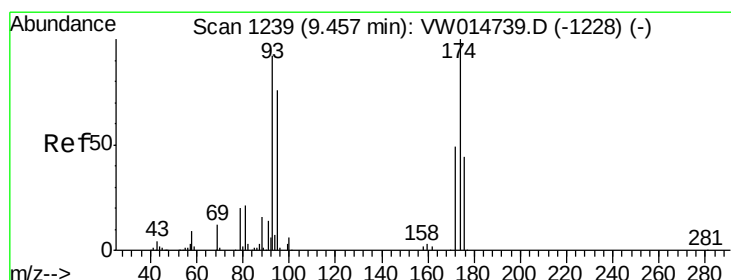
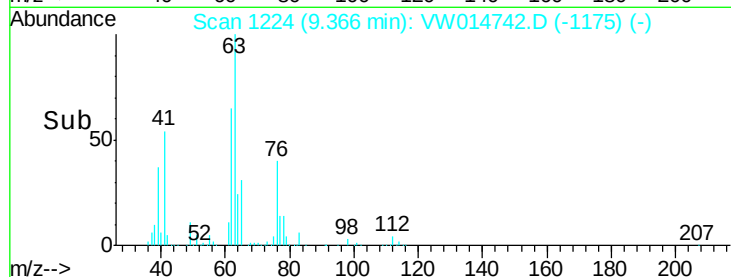
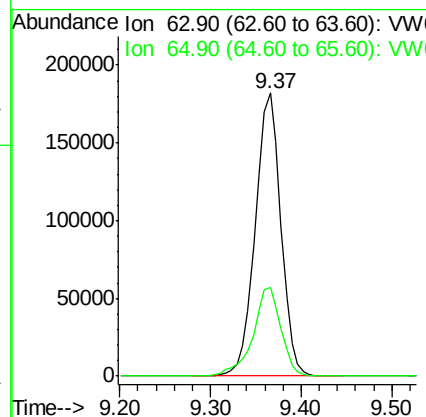
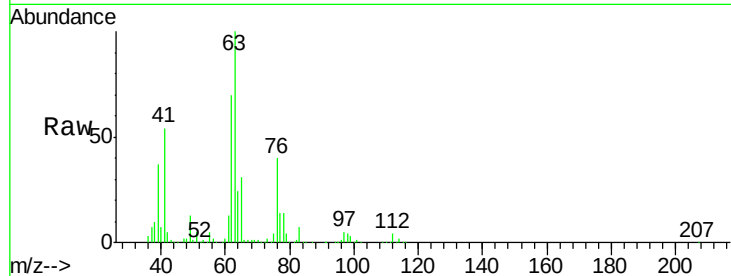




#45
 1,2-Dichloropropane
 Concen: 48.77 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

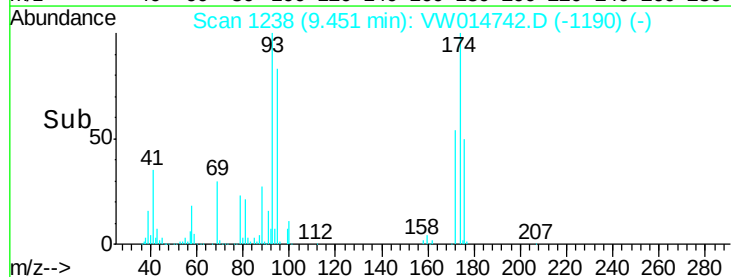
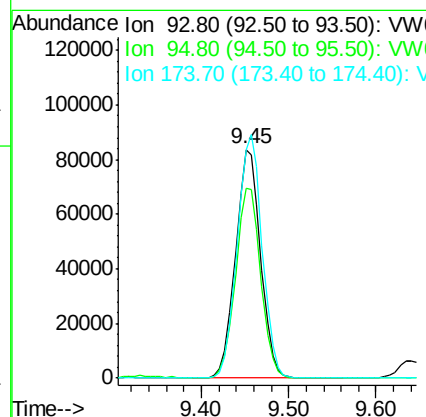
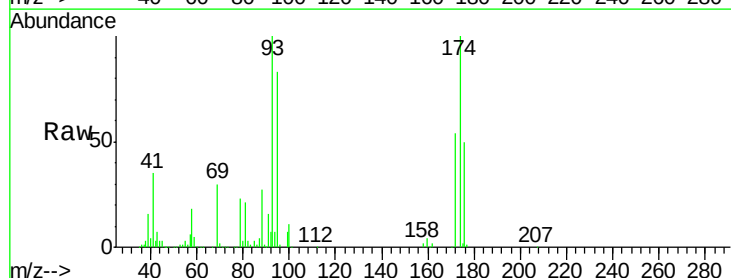
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

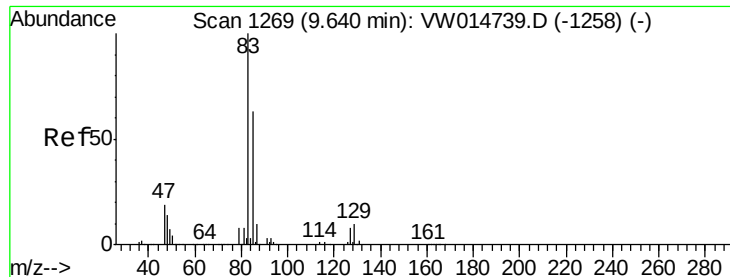
Tgt Ion: 63 Resp: 356290
 Ion Ratio Lower Upper
 63 100
 65 31.4 25.3 37.9



#46
 Dibromomethane
 Concen: 48.12 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion: 93 Resp: 166607
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.4 98.2
 174 106.3 84.2 126.2

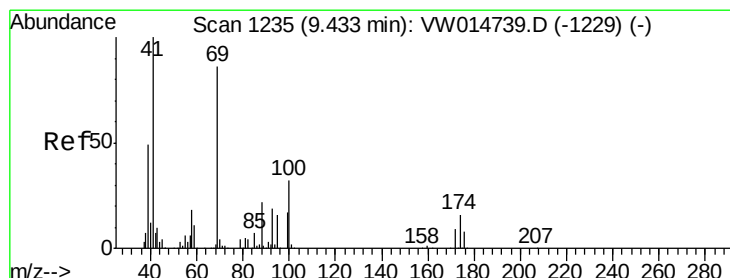
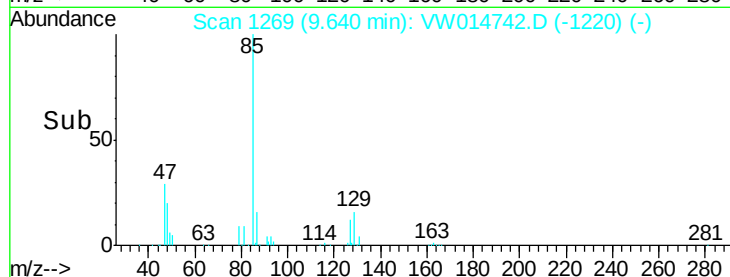
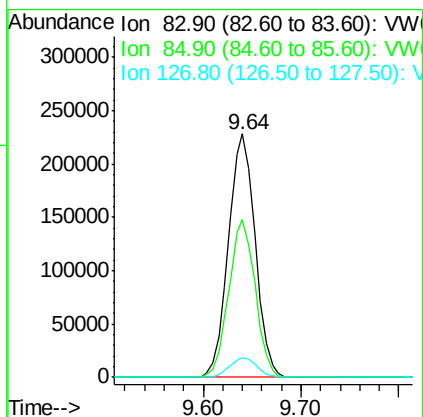
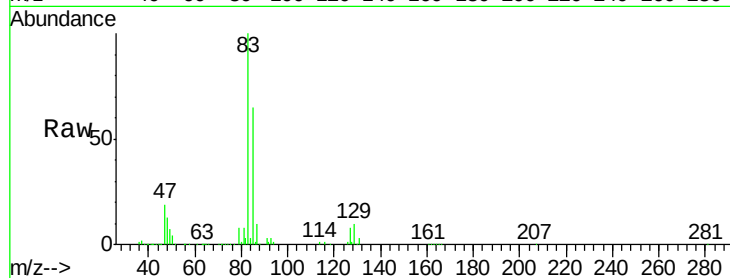




#47
Bromodichloromethane
Concen: 48.78 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

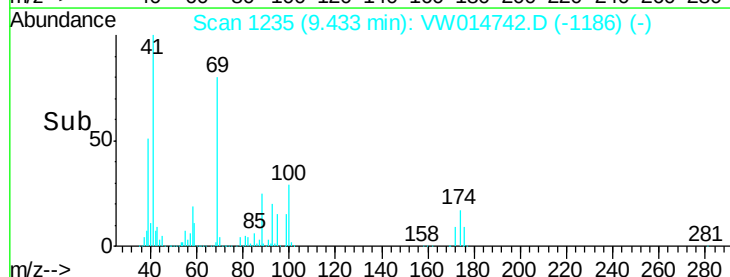
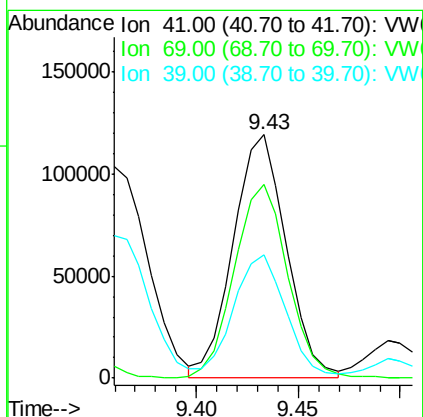
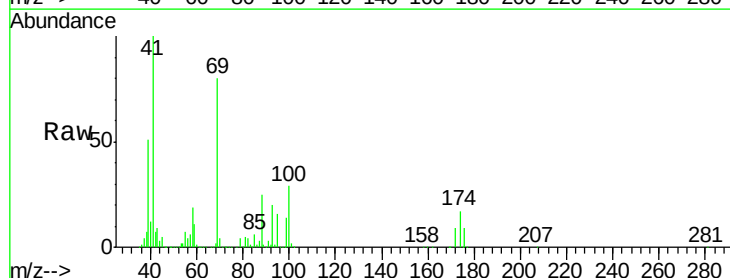
Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

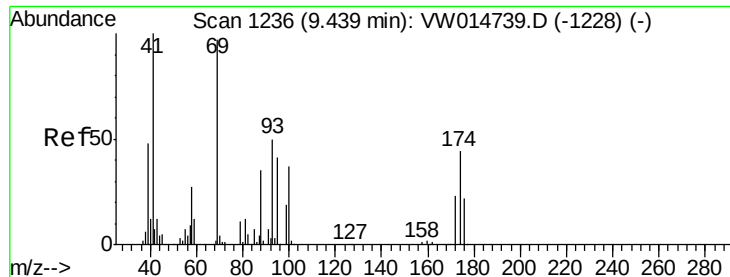
Tgt Ion: 83 Resp: 432200
Ion Ratio Lower Upper
83 100
85 64.9 50.1 75.1
127 7.9 6.5 9.7



#48
Methyl methacrylate
Concen: 53.71 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion: 41 Resp: 214821
Ion Ratio Lower Upper
41 100
69 80.4 69.6 104.4
39 47.0 40.2 60.4

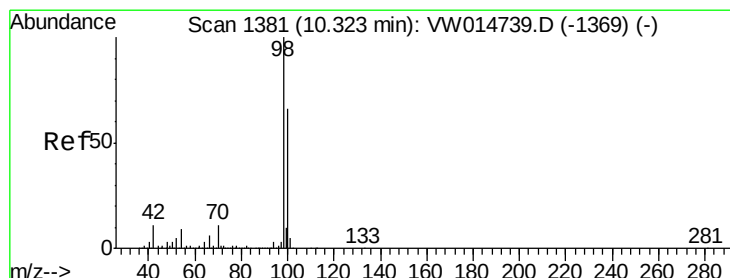
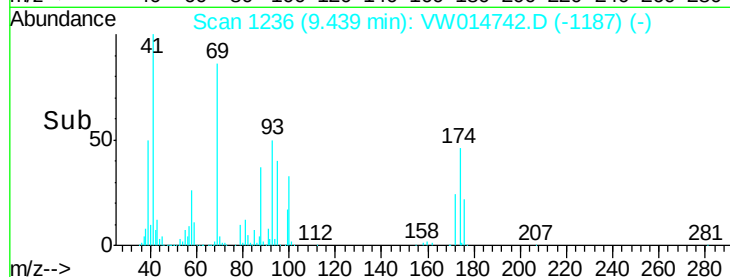
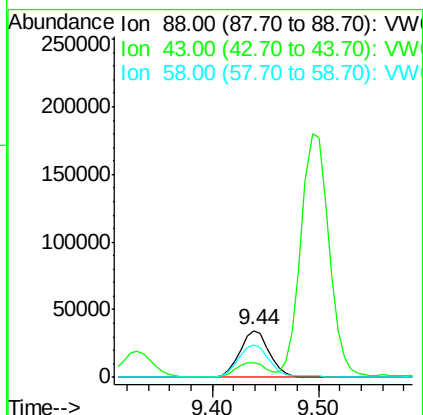
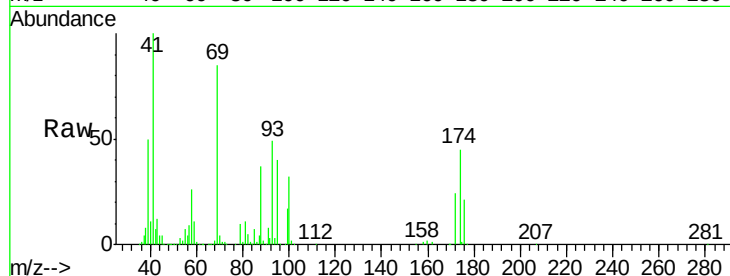




#49
1,4-Dioxane
Concen: 1092.48 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

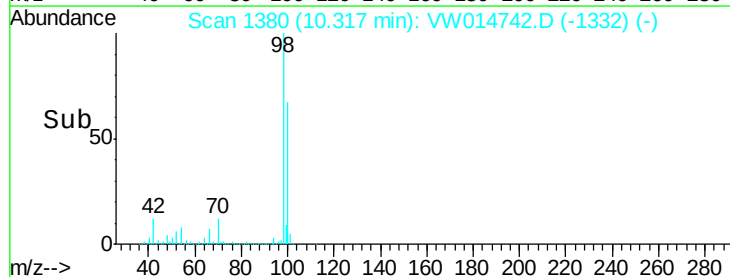
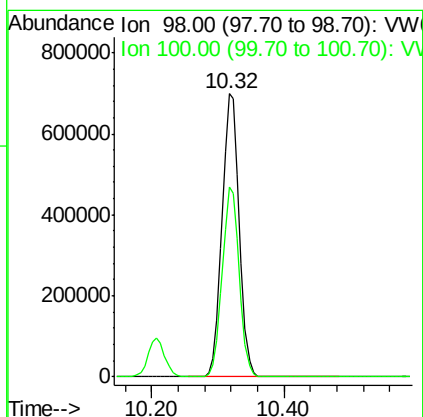
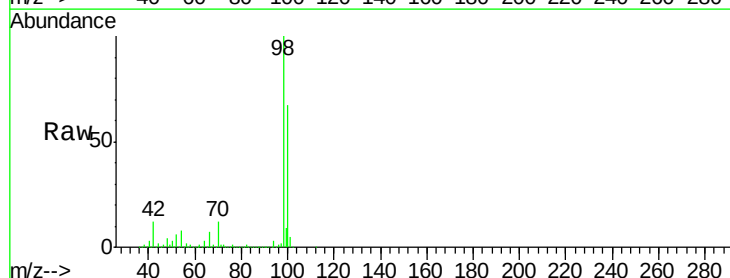
Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

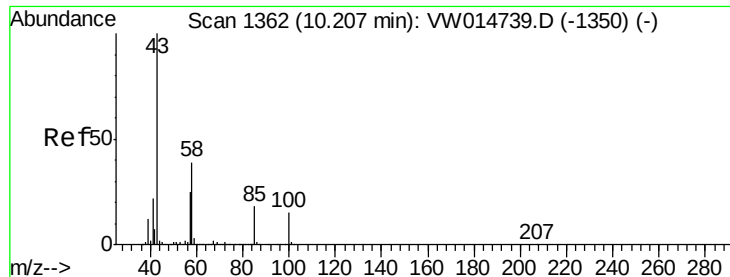
Tgt Ion: 88 Resp: 68514
Ion Ratio Lower Upper
88 100
43 31.5 27.1 40.7
58 72.4 58.7 88.1



#50
Toluene-d8
Concen: 50.10 ug/l
RT: 10.32 min Scan# 1380
Delta R.T. -0.01 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion: 98 Resp: 1250533
Ion Ratio Lower Upper
98 100
100 66.2 52.6 79.0

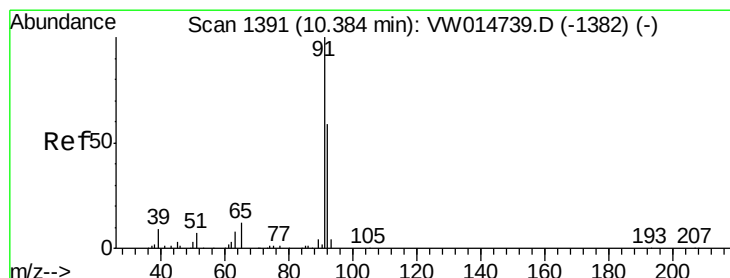
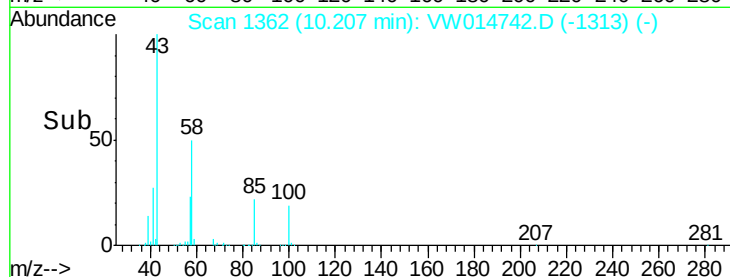
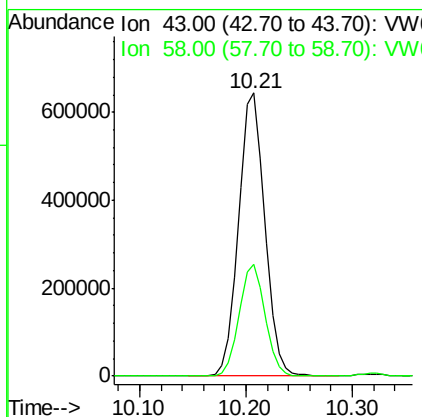
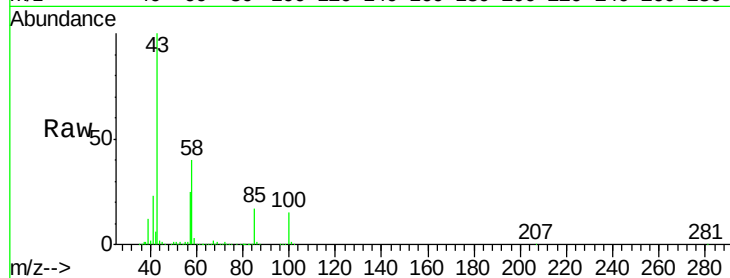




#51
 4-Methyl-2-Pentanone
 Concen: 252.84 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

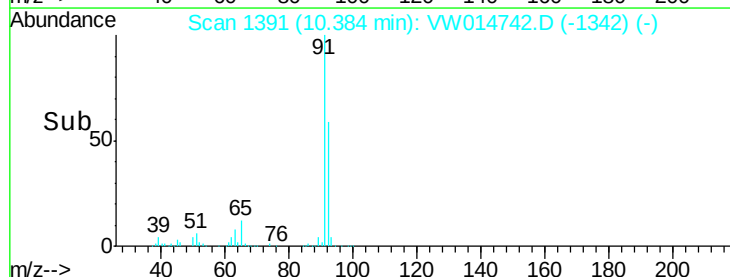
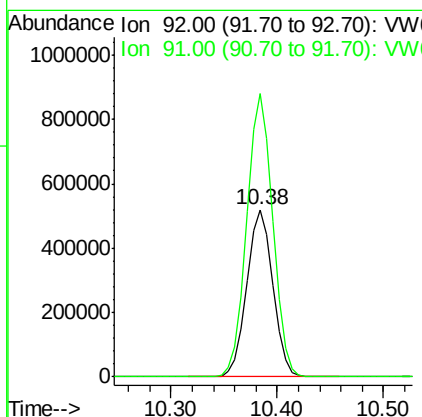
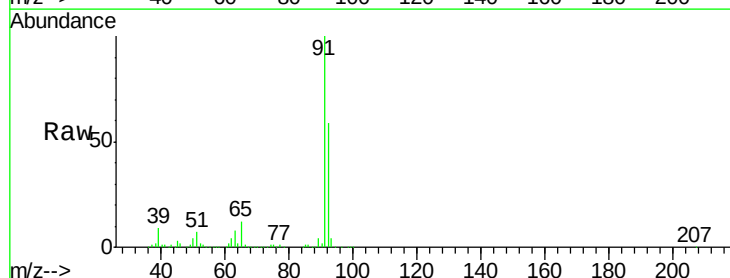
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

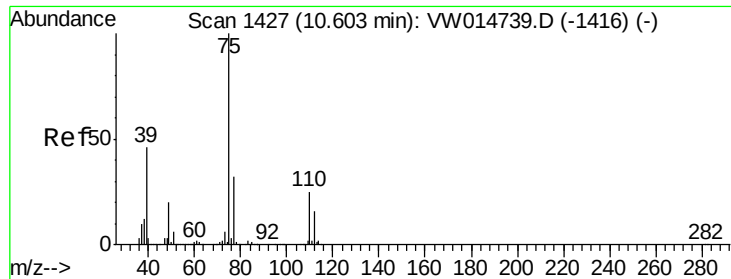
Tgt Ion: 43 Resp: 1117140
 Ion Ratio Lower Upper
 43 100
 58 39.1 31.4 47.0



#52
 Toluene
 Concen: 49.57 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion: 92 Resp: 891234
 Ion Ratio Lower Upper
 92 100
 91 169.5 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 51.21 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

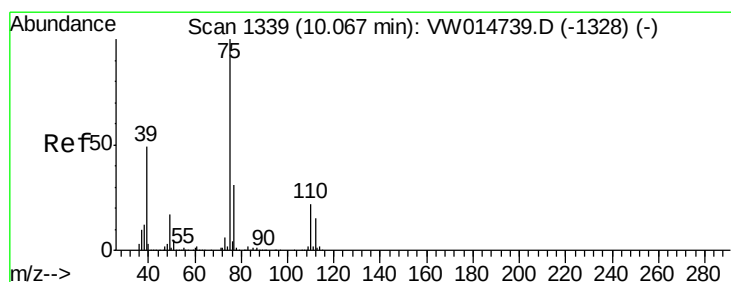
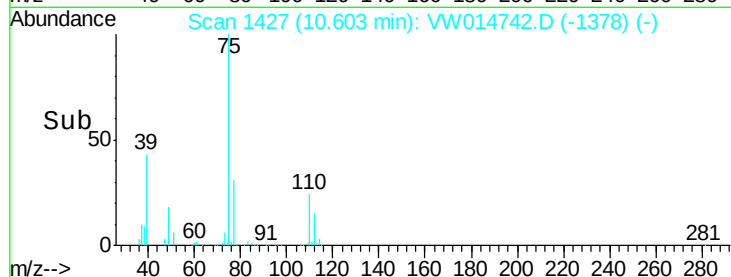
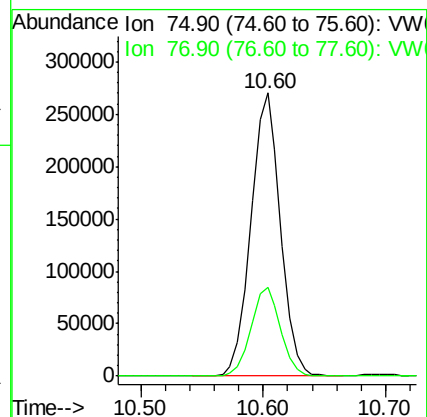
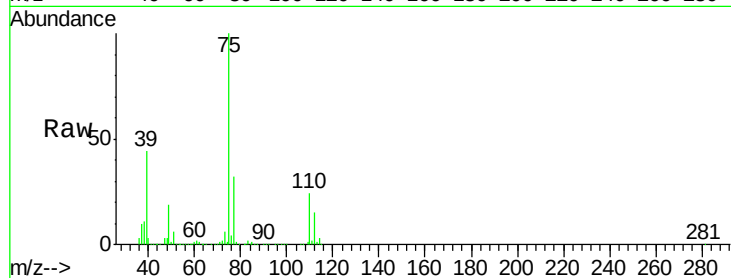
ICVW012420

Tgt Ion: 75 Resp: 451782

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 51.11 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

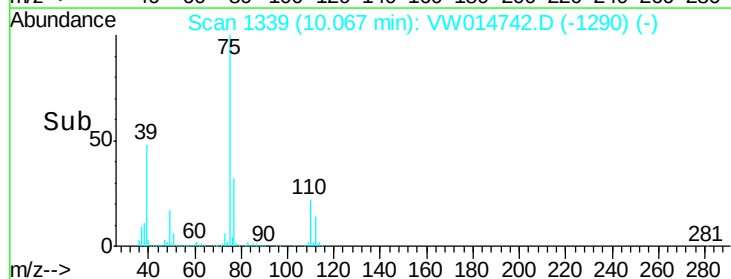
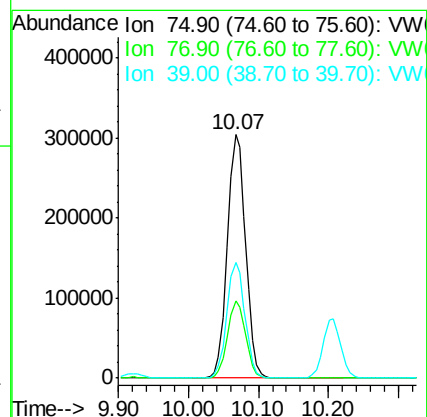
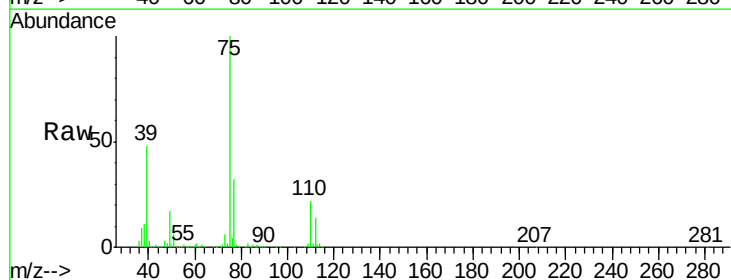
Tgt Ion: 75 Resp: 552257

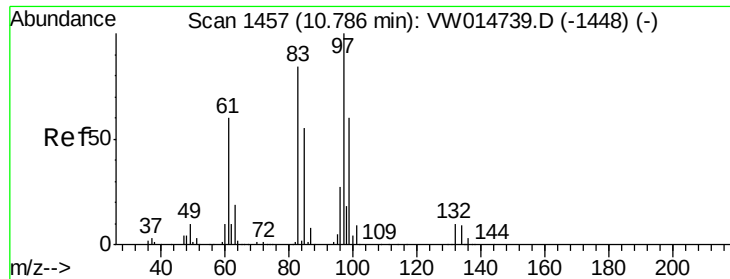
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 47.7 39.0 58.6

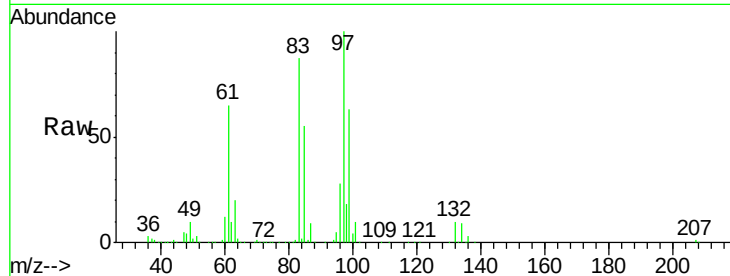




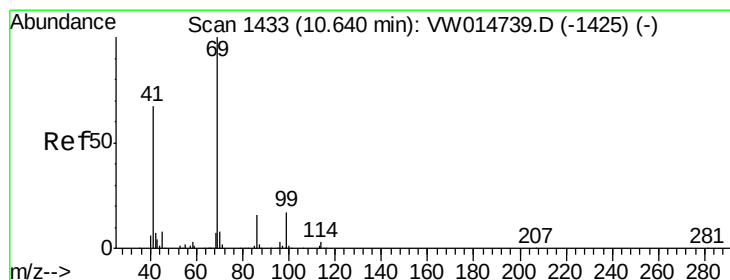
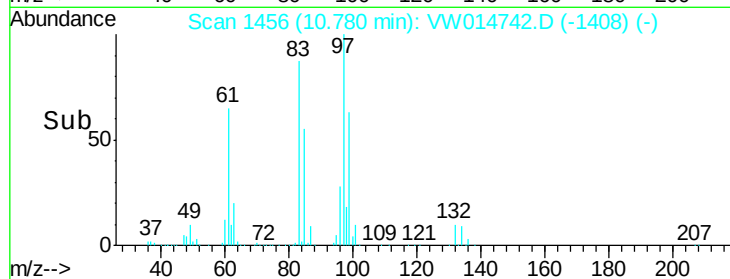
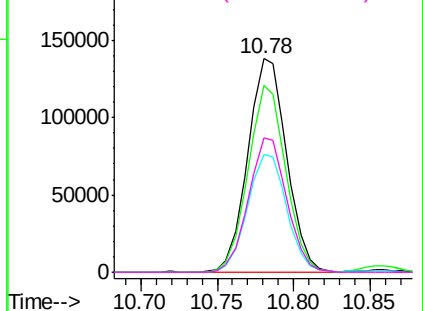
#55
 1,1,2-Trichloroethane
 Concen: 49.05 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

Tgt Ion:	97	Resp:	243073
Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.1	100.7
85	55.1	44.2	66.2
99	62.9	48.2	72.4

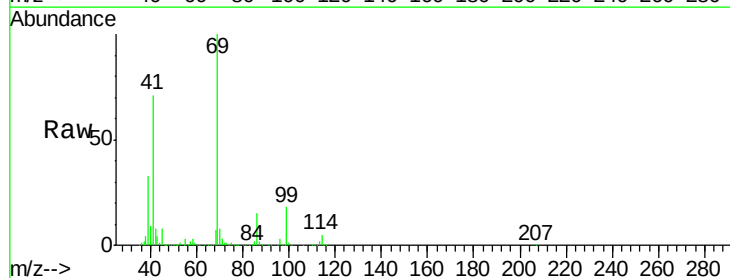


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

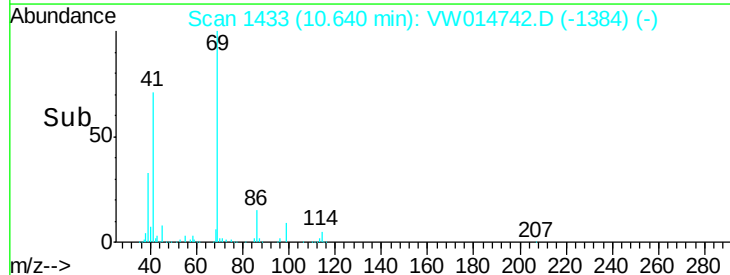
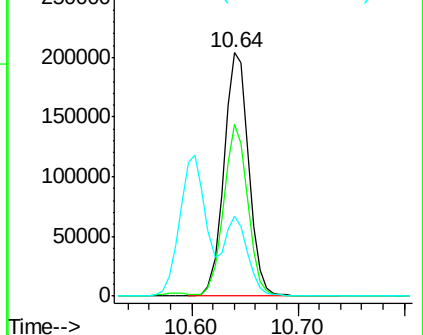


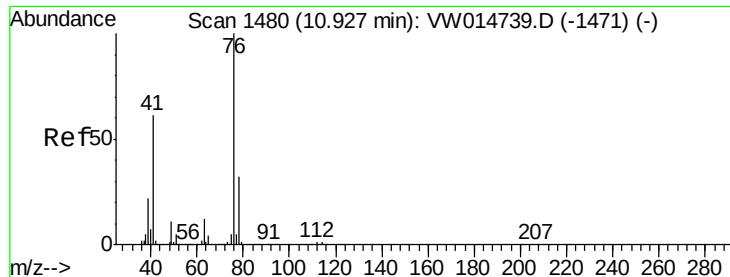
#56
 Ethyl methacrylate
 Concen: 51.82 ug/l
 RT: 10.64 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion:	69	Resp:	330981
Ion	Ratio	Lower	Upper
69	100		
41	68.6	54.4	81.6
39	31.3	22.4	33.6



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 49.67 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

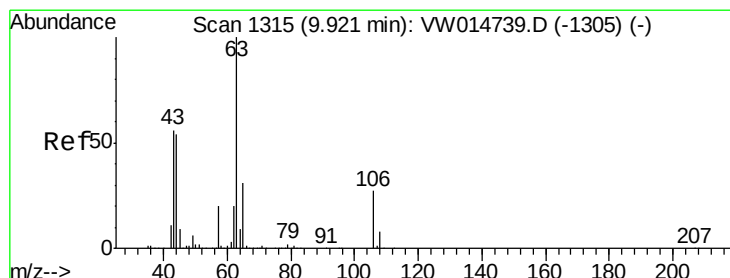
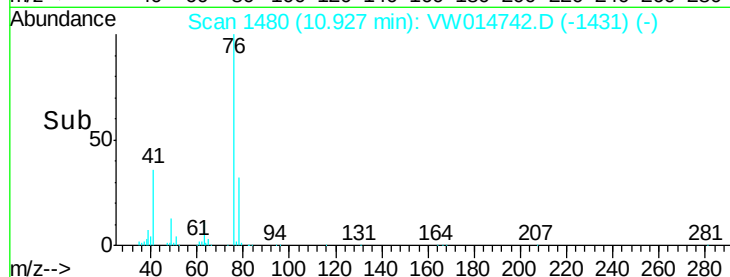
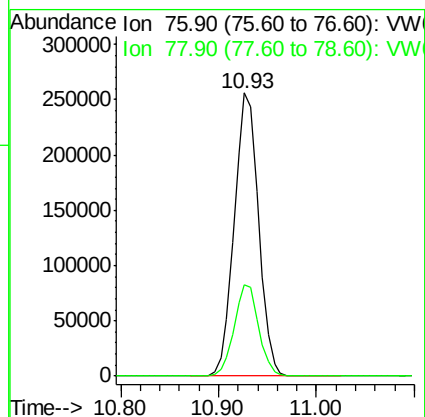
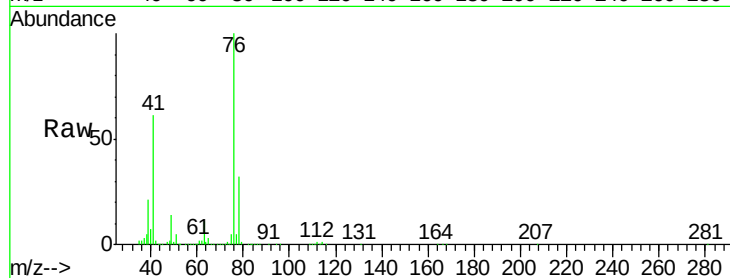
ICVW012420

Tgt Ion: 76 Resp: 441337

Ion Ratio Lower Upper

76 100

78 32.3 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 272.58 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW014742.D

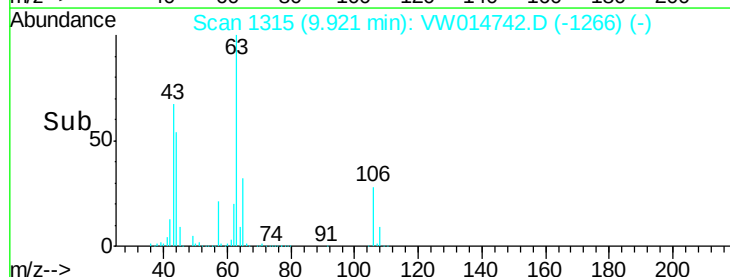
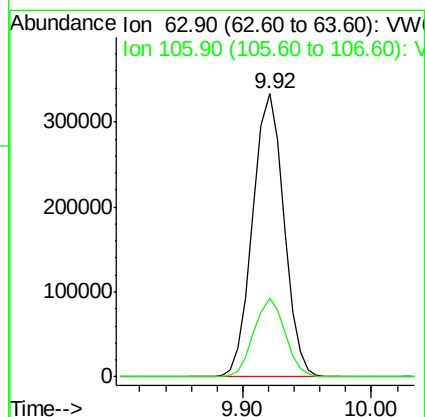
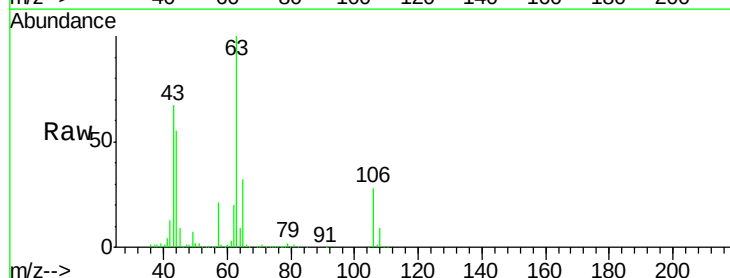
Acq: 24 Jan 2020 13:23

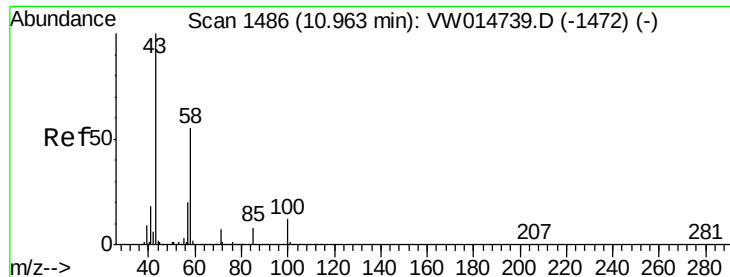
Tgt Ion: 63 Resp: 559733

Ion Ratio Lower Upper

63 100

106 27.8 21.8 32.8

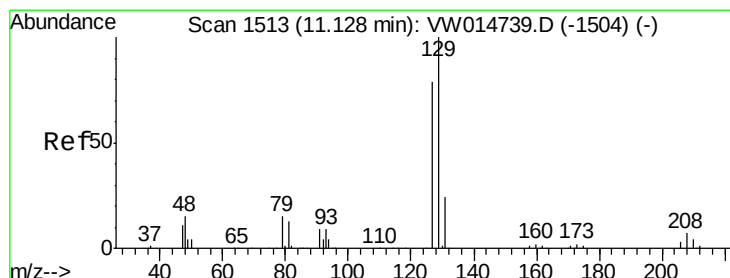
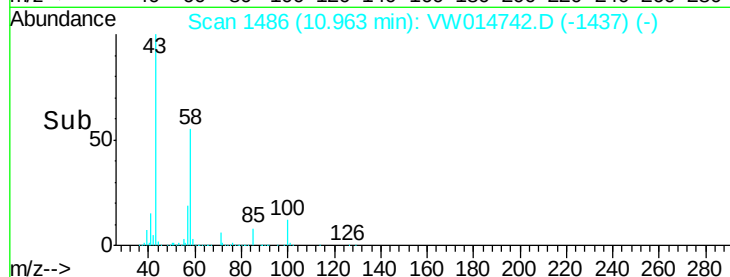
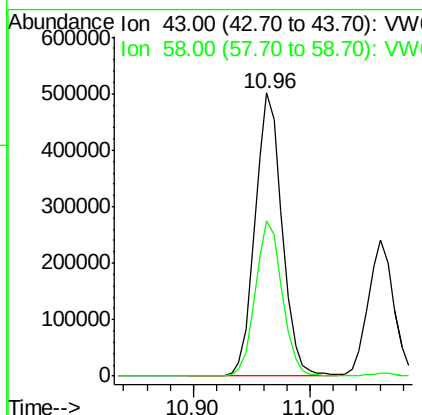
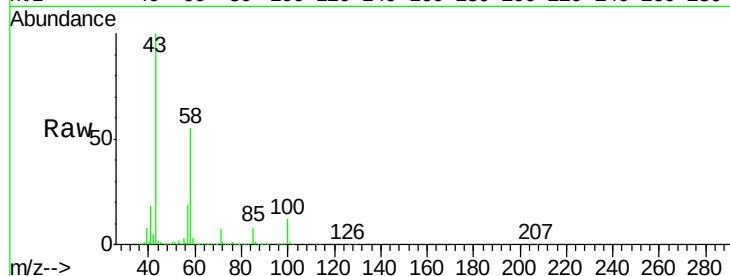




#59
2-Hexanone
Concen: 271.13 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

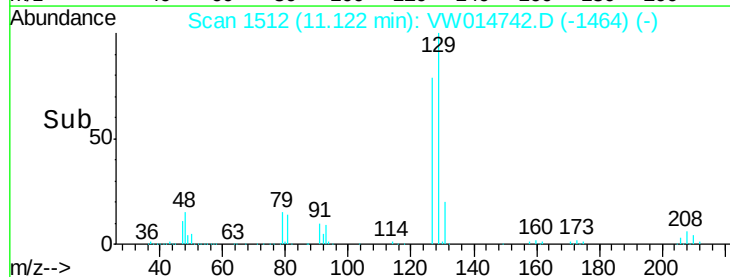
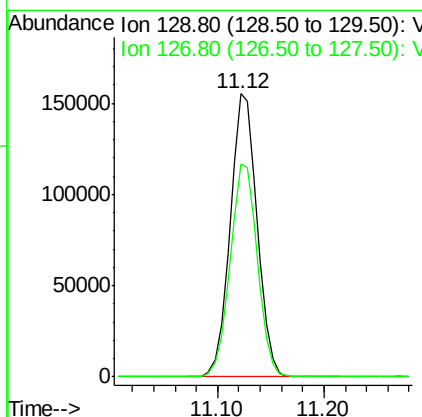
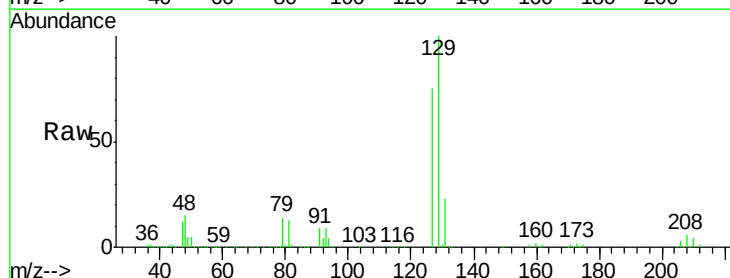
Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

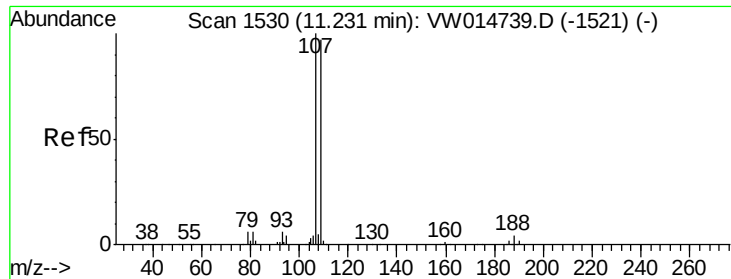
Tgt Ion: 43 Resp: 807251
Ion Ratio Lower Upper
43 100
58 54.6 27.3 81.8



#60
Dibromochloromethane
Concen: 49.55 ug/l
RT: 11.12 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion: 129 Resp: 274419
Ion Ratio Lower Upper
129 100
127 76.2 39.9 119.6

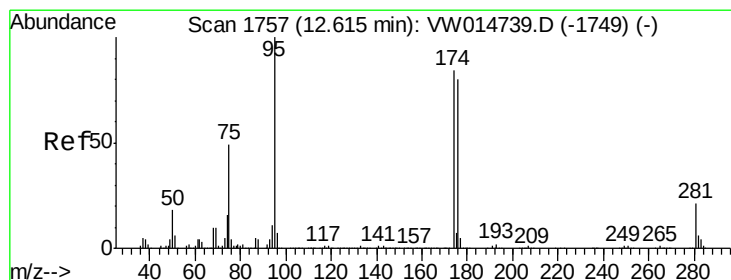
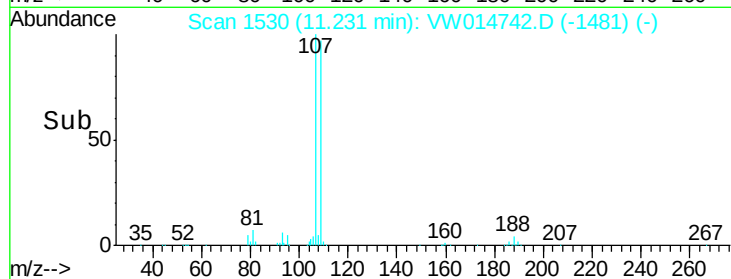
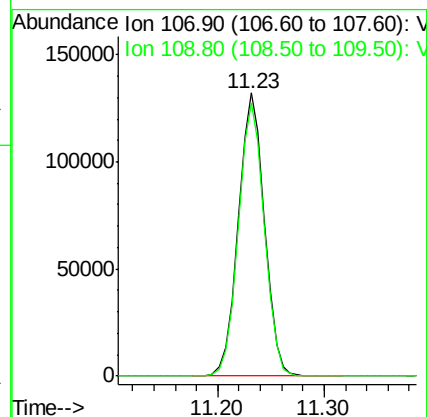
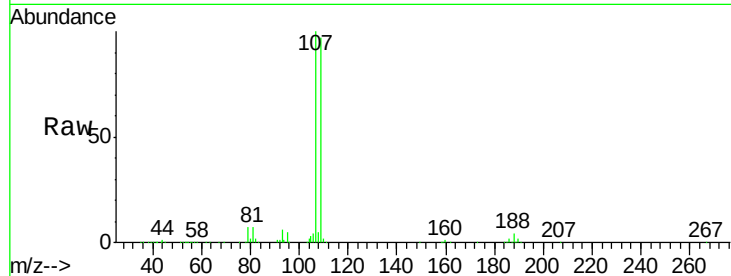




#61
 1,2-Dibromoethane
 Concen: 48.95 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

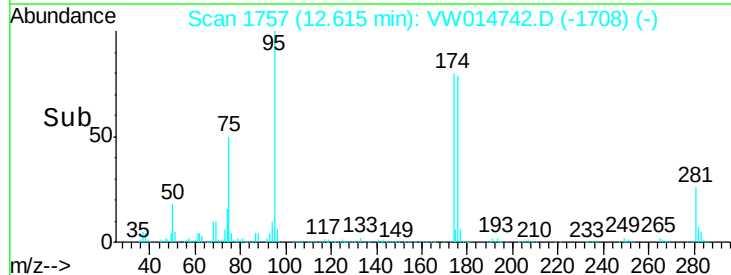
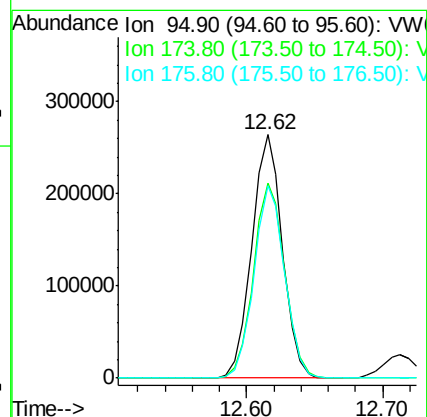
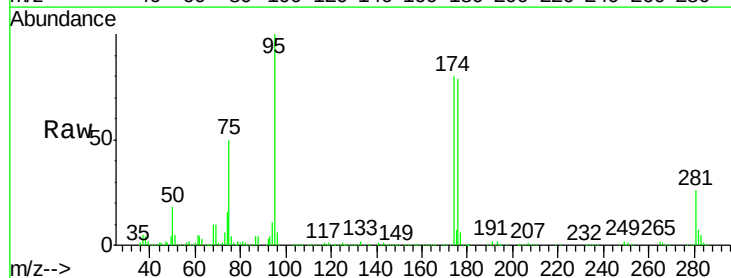
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

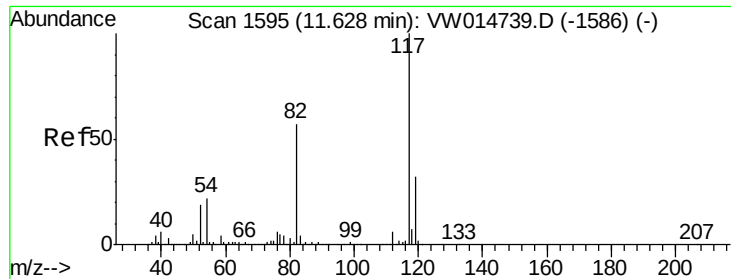
Tgt Ion: 107 Resp: 226948
 Ion Ratio Lower Upper
 107 100
 109 96.0 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 49.84 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion: 95 Resp: 415987
 Ion Ratio Lower Upper
 95 100
 174 81.5 0.0 163.0
 176 79.3 0.0 159.2

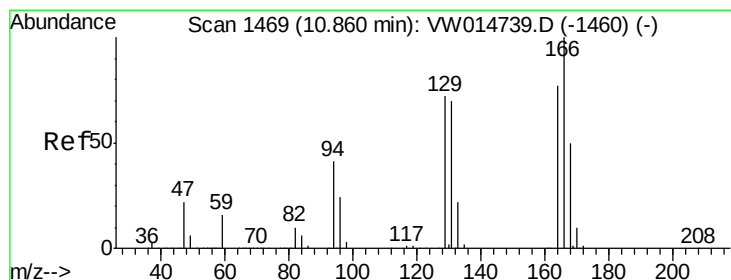
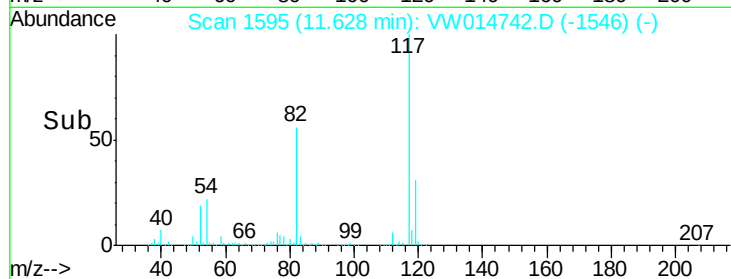
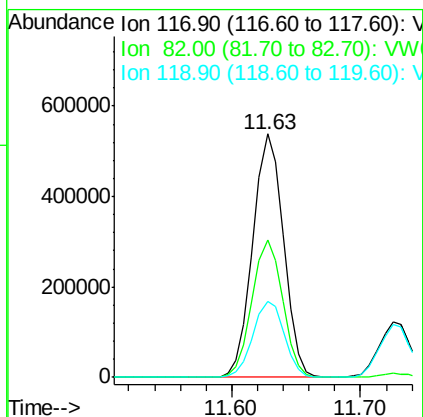
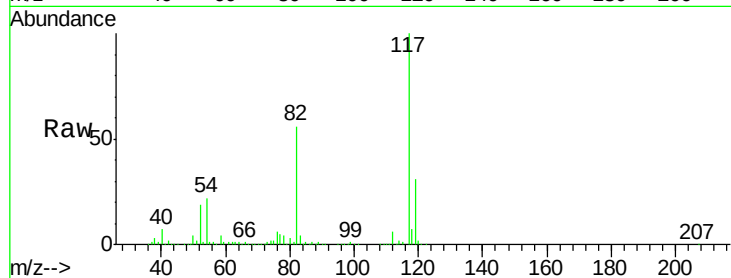




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

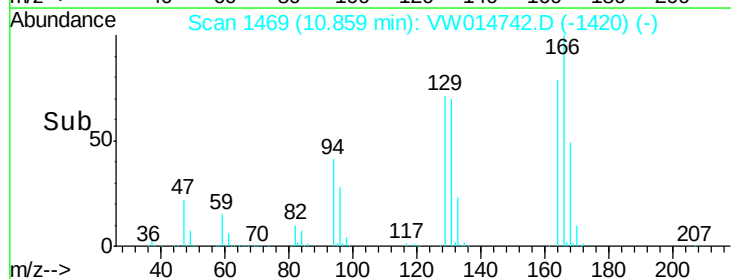
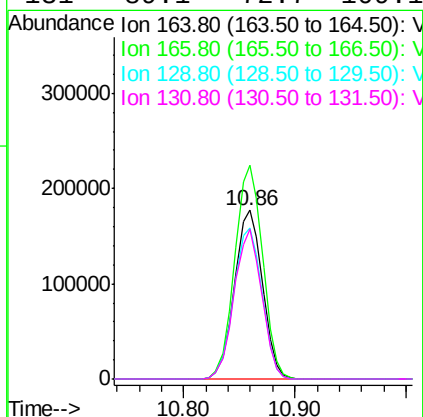
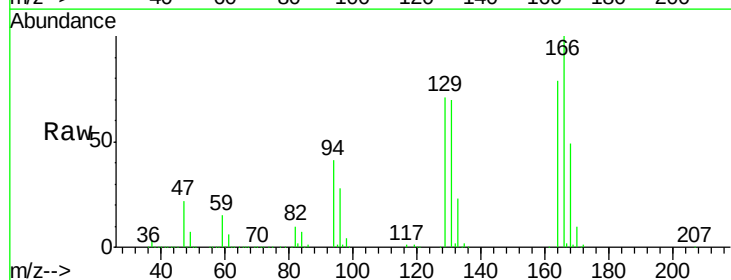
Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

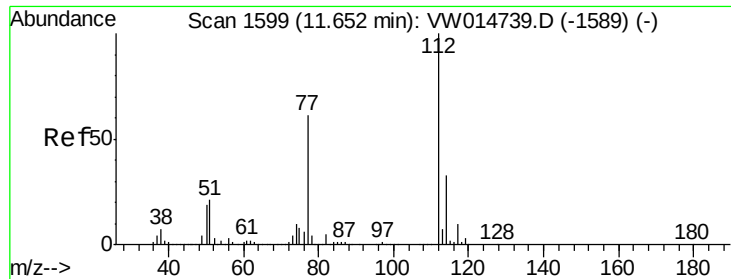
Tgt Ion:117 Resp: 888632
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 31.2 25.7 38.5



#64
Tetrachloroethene
Concen: 49.97 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion:164 Resp: 307494
Ion Ratio Lower Upper
164 100
166 126.7 104.0 156.0
129 89.9 75.0 112.4
131 89.1 72.7 109.1

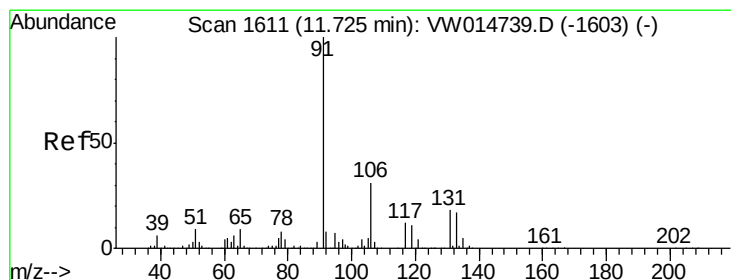
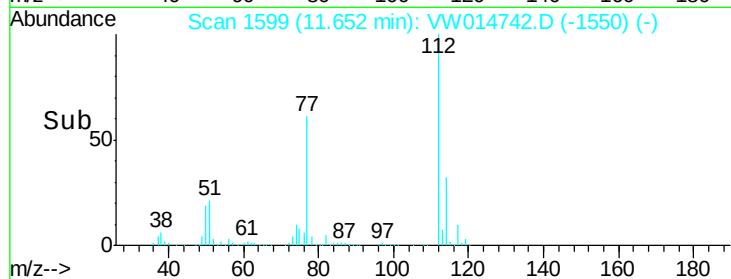
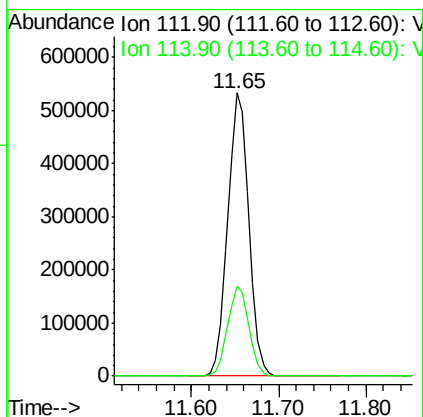
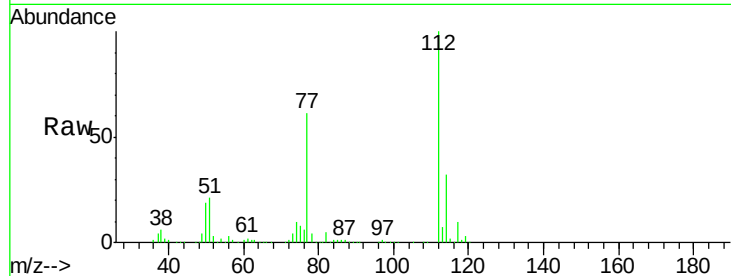




#65
Chlorobenzene
Concen: 49.71 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

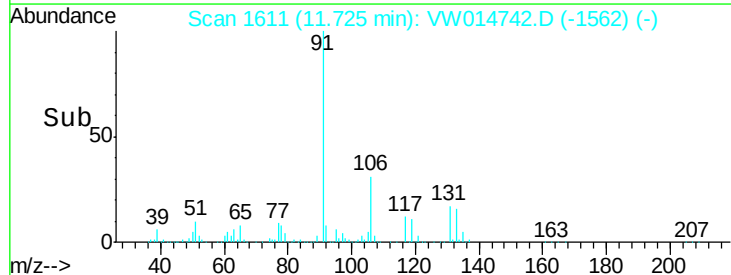
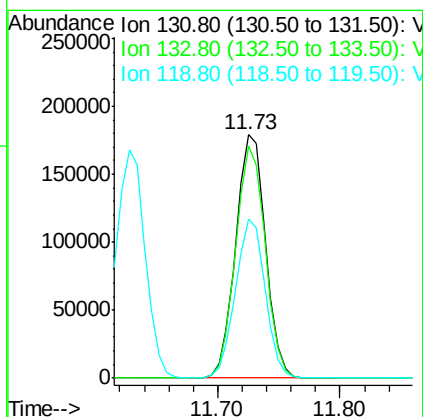
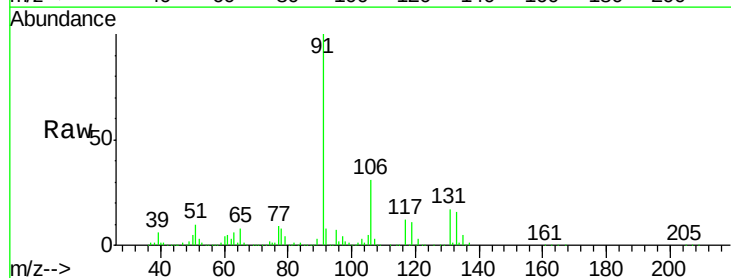
Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

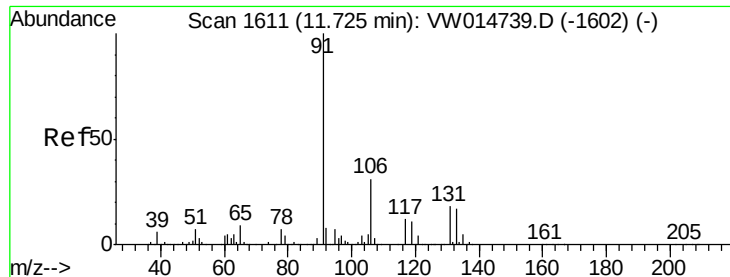
Tgt Ion:112 Resp: 893694
Ion Ratio Lower Upper
112 100
114 31.9 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.52 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion:131 Resp: 301520
Ion Ratio Lower Upper
131 100
133 94.9 48.0 144.2
119 65.0 33.0 98.9

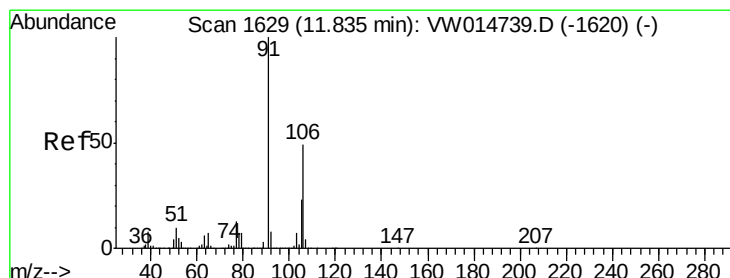
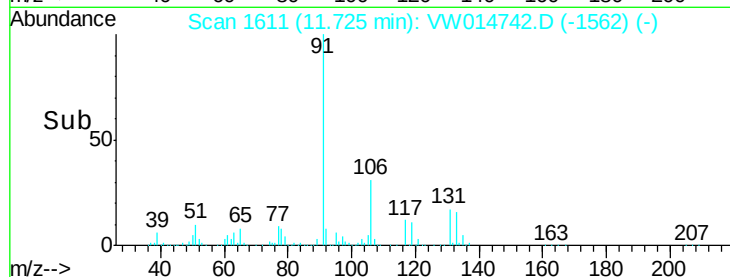
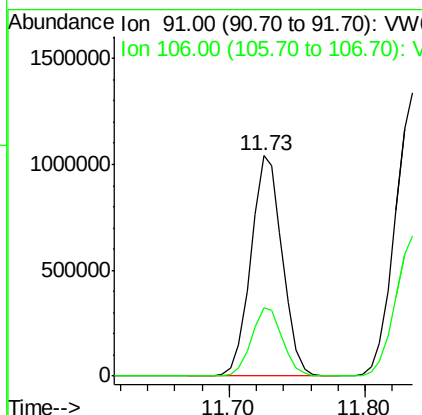
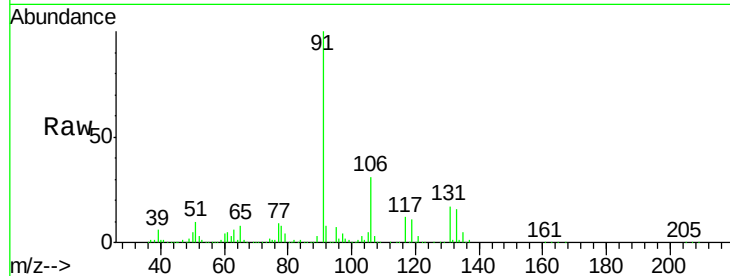




#67
Ethyl Benzene
Concen: 51.32 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

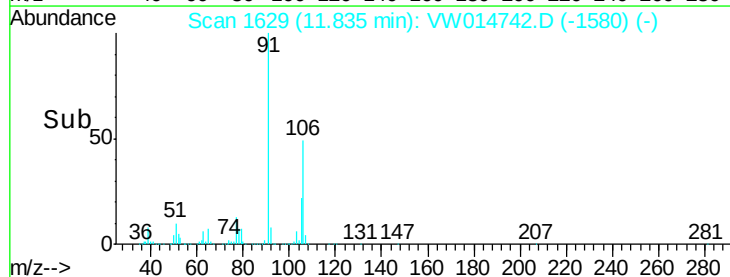
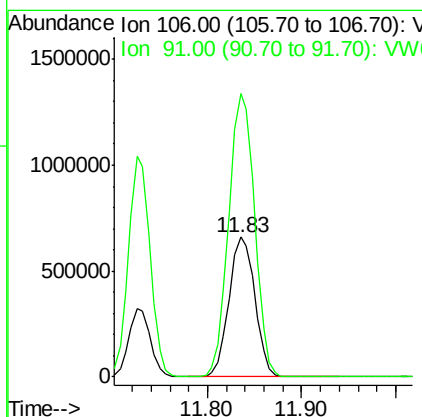
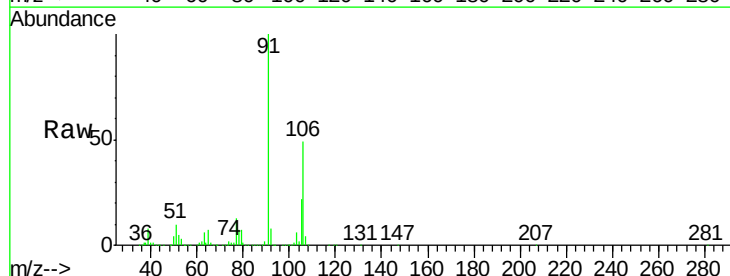
Instrument :
MSVOA_W
ClientSampled :
ICVW012420

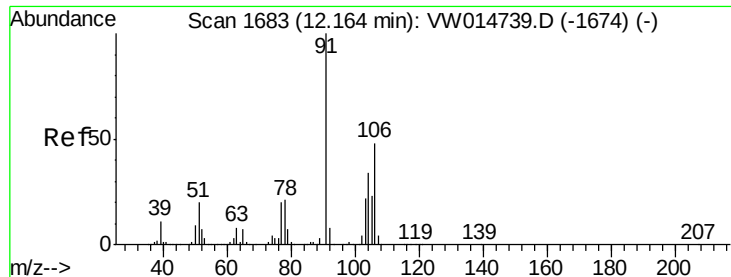
Tgt Ion: 91 Resp: 1681175
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 101.46 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion: 106 Resp: 1256240
Ion Ratio Lower Upper
106 100
91 203.3 161.4 242.0

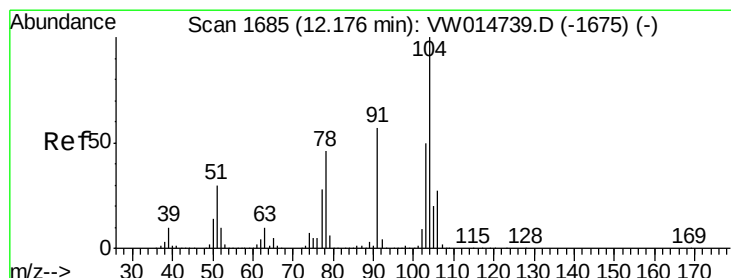
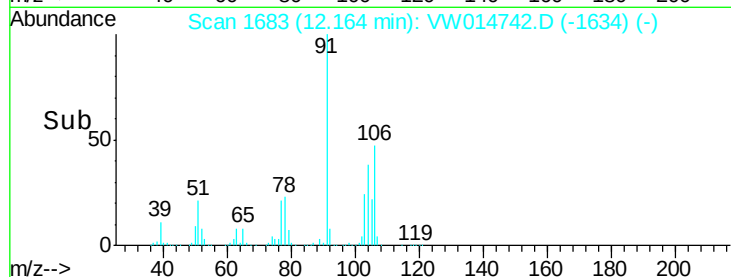
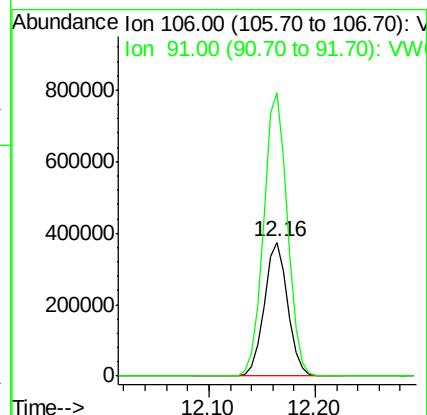
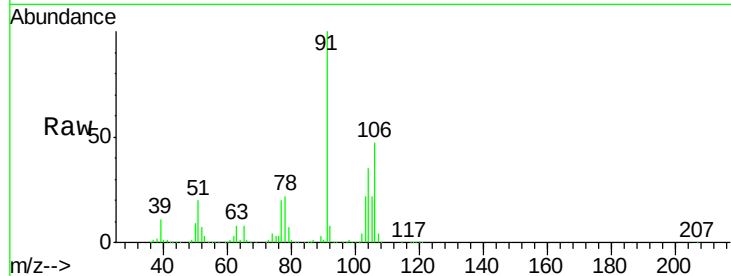




#69
o-Xylene
Concen: 51.65 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

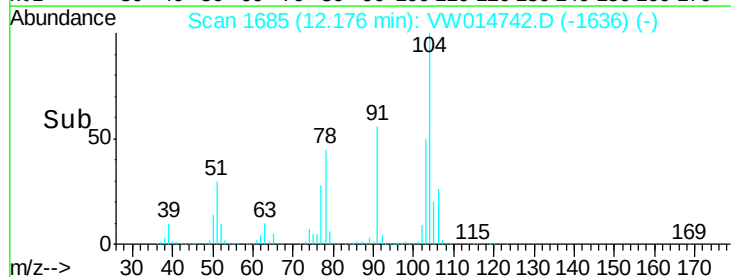
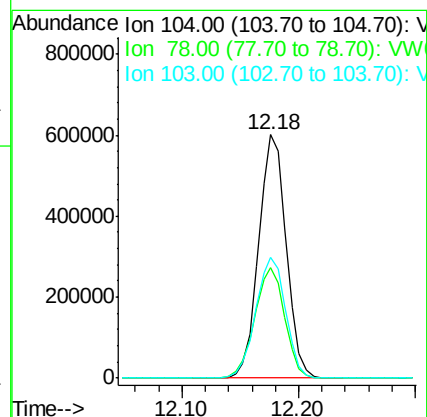
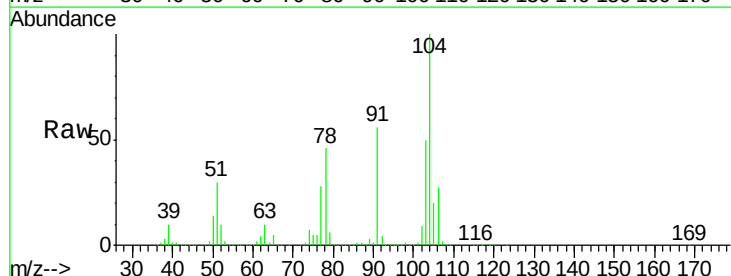
Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

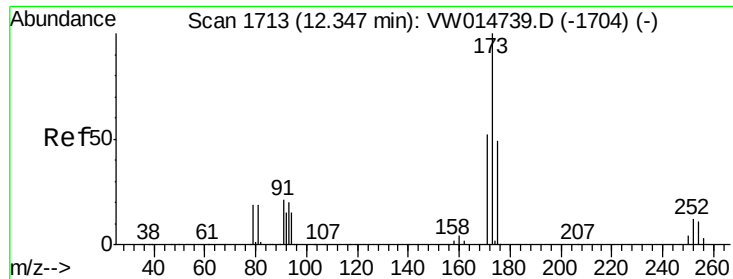
Tgt Ion:106 Resp: 577148
Ion Ratio Lower Upper
106 100
91 214.7 107.1 321.3



#70
Styrene
Concen: 51.71 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion:104 Resp: 993346
Ion Ratio Lower Upper
104 100
78 49.3 39.8 59.8
103 54.0 44.0 66.0





#71

Bromoform

Concen: 50.26 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW012420

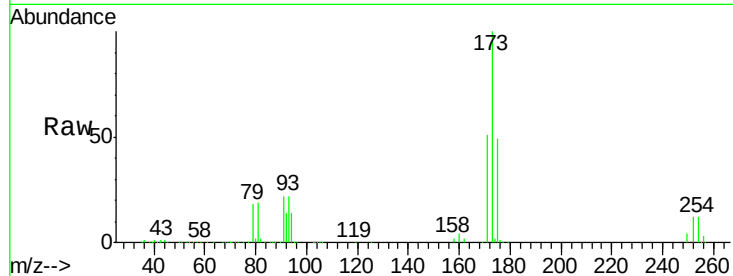
Tgt Ion:173 Resp: 156782

Ion Ratio Lower Upper

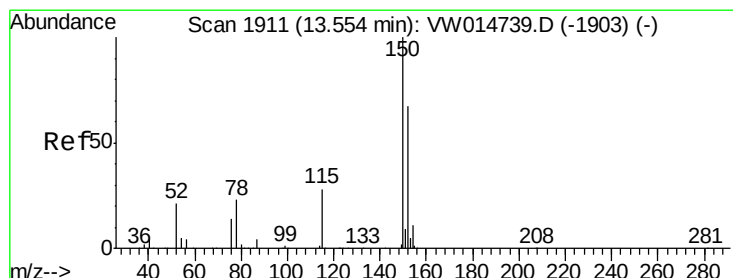
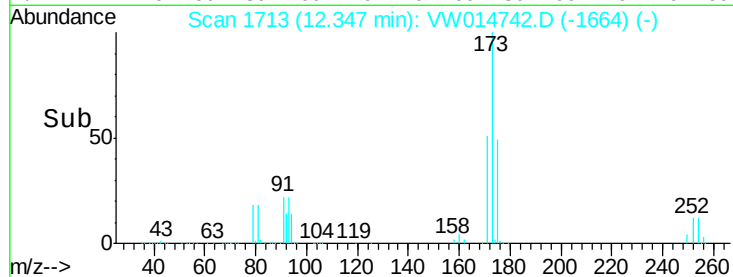
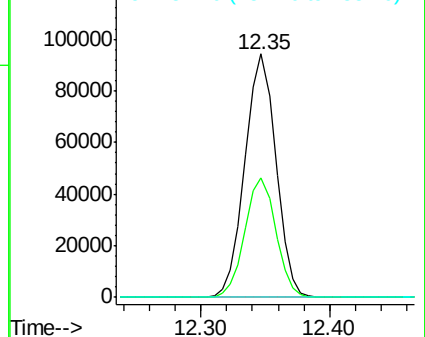
173 100

175 49.2 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: VW014742.D

Acq: 24 Jan 2020 13:23

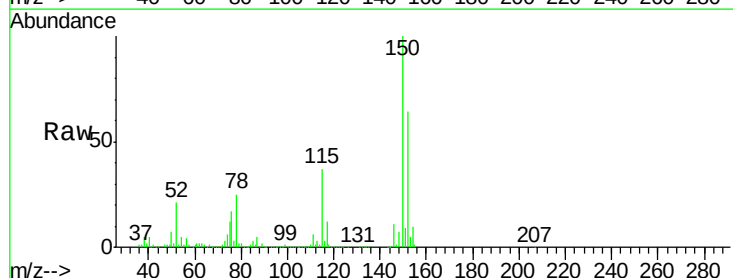
Tgt Ion:152 Resp: 430185

Ion Ratio Lower Upper

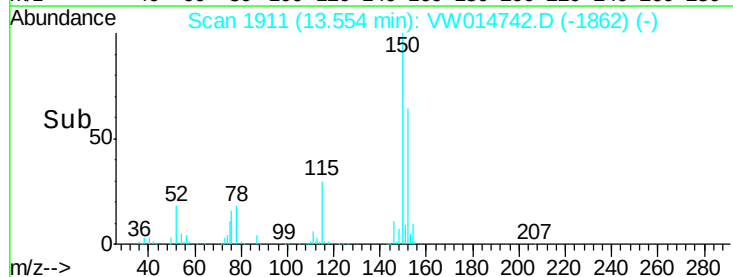
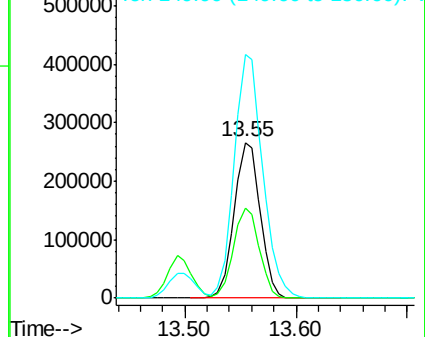
152 100

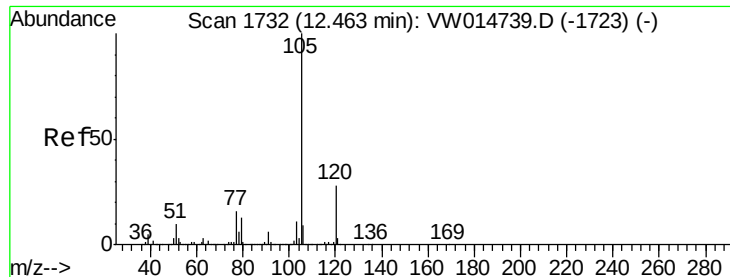
115 57.4 29.0 87.1

150 171.4 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: 52.95 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

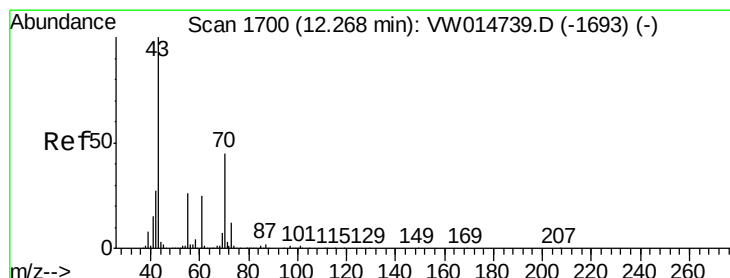
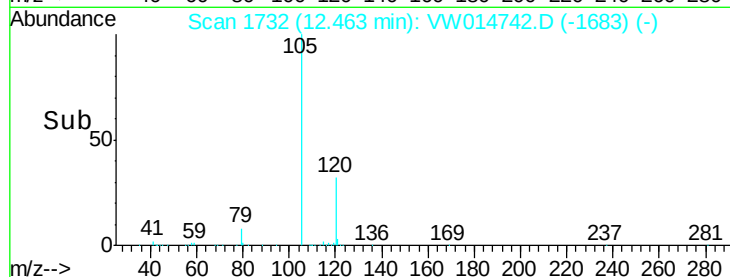
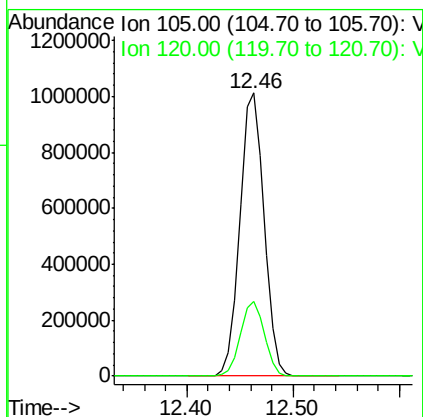
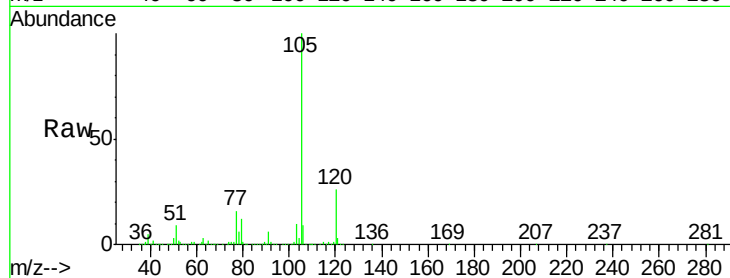
ICVW012420

Tgt Ion:105 Resp: 1616253

Ion Ratio Lower Upper

105 100

120 26.3 13.6 40.8



#74

N-ethyl acetate

Concen: 52.00 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Tgt Ion: 43 Resp: 378042

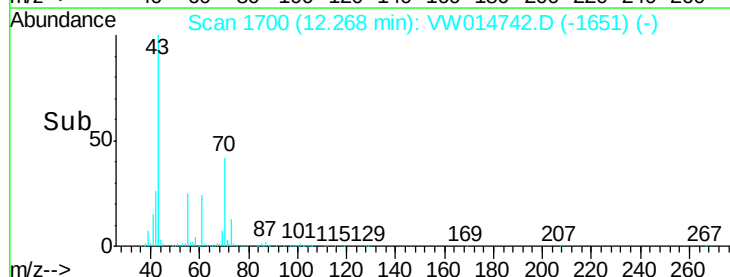
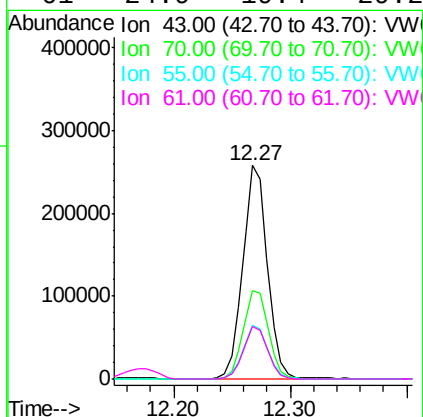
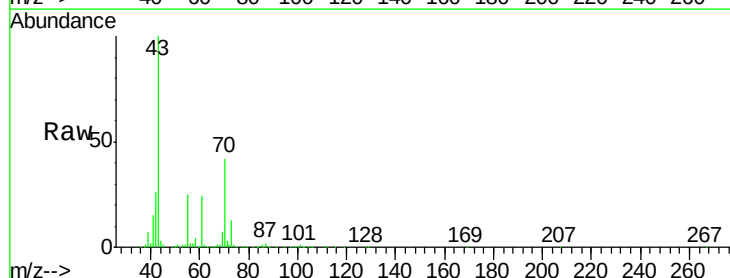
Ion Ratio Lower Upper

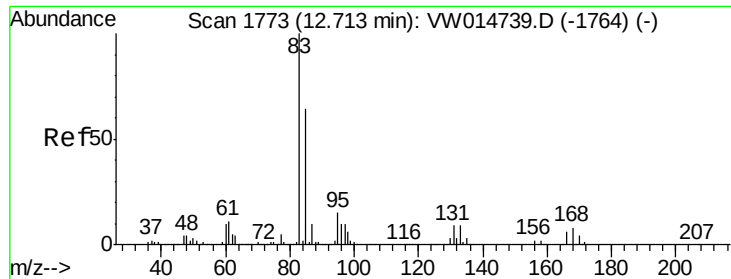
43 100

70 43.1 34.6 52.0

55 25.7 20.6 30.8

61 24.9 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.00 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW012420

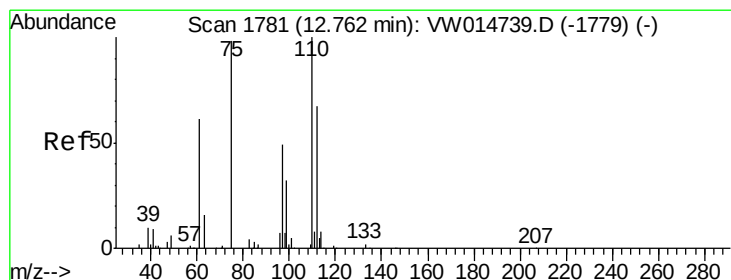
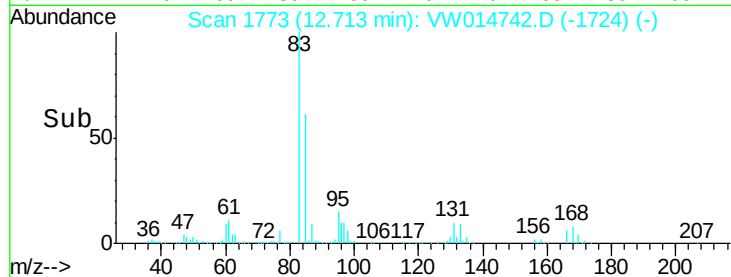
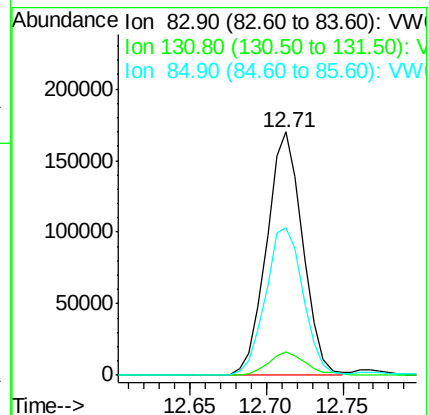
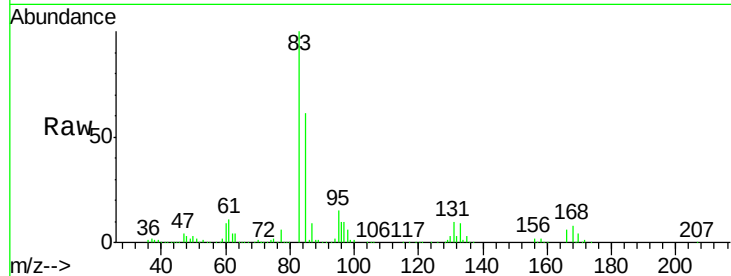
Tgt Ion: 83 Resp: 278584

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.4

85 63.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 85.85 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VW014742.D

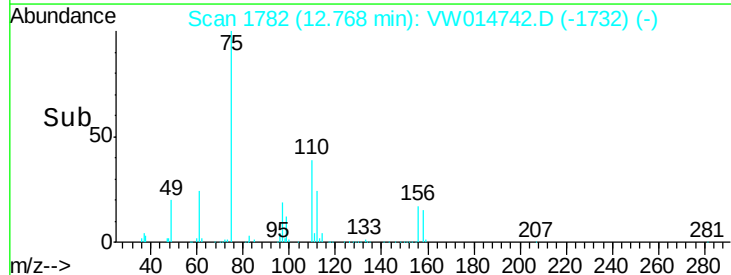
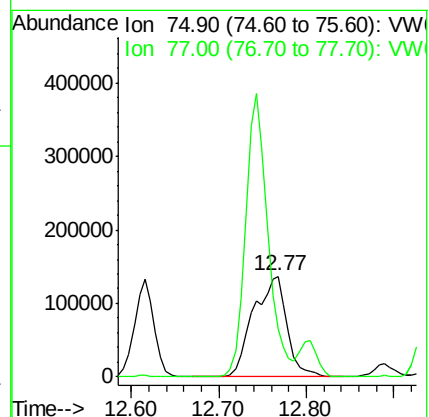
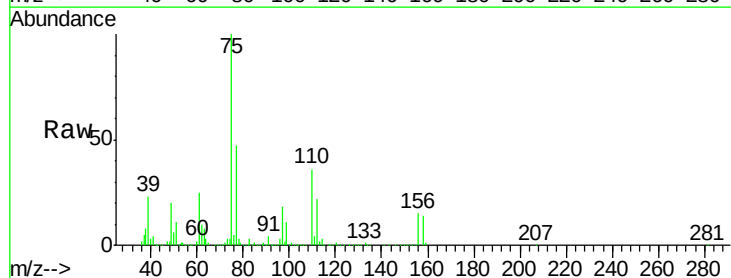
Acq: 24 Jan 2020 13:23

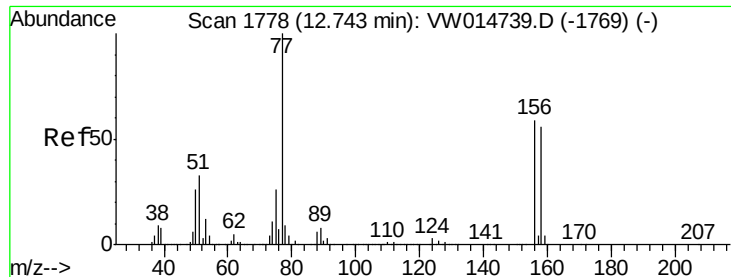
Tgt Ion: 75 Resp: 366687

Ion Ratio Lower Upper

75 100

77 0.0 167.9 503.9#





#77

Bromobenzene

Concen: 49.98 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampled :

ICVW012420

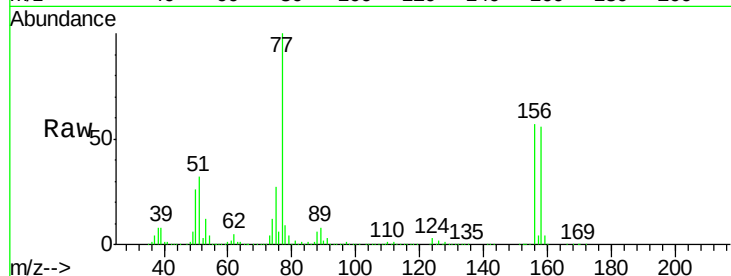
Tgt Ion:156 Resp: 350787

Ion Ratio Lower Upper

156 100

77 195.8 94.5 283.5

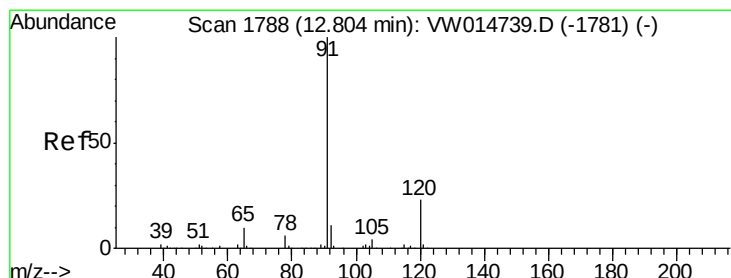
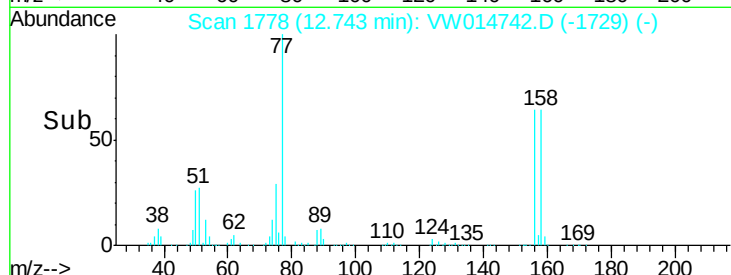
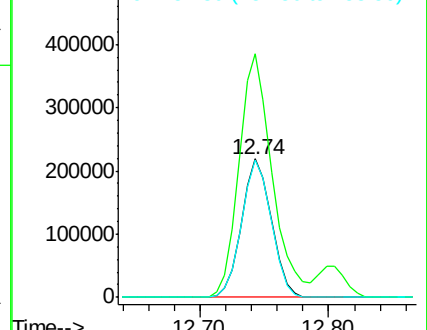
158 98.9 48.3 144.8



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: 52.22 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014742.D

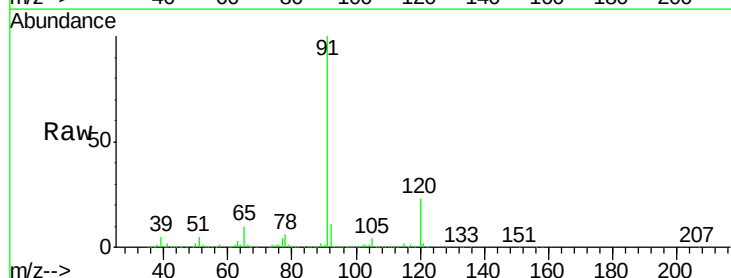
Acq: 24 Jan 2020 13:23

Tgt Ion: 91 Resp: 1941961

Ion Ratio Lower Upper

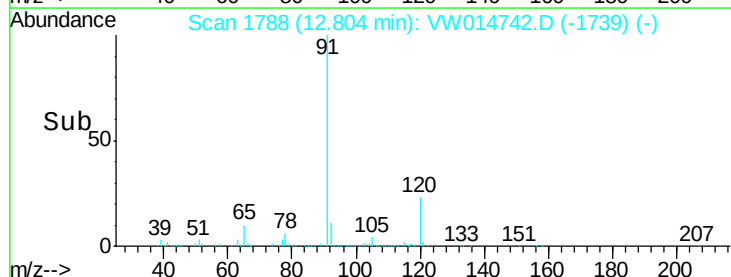
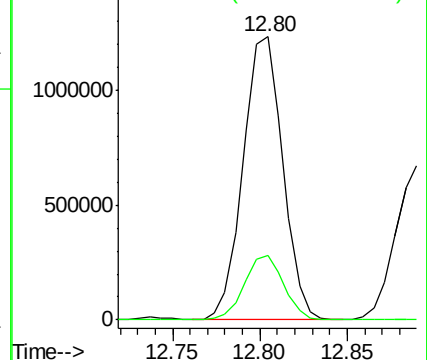
91 100

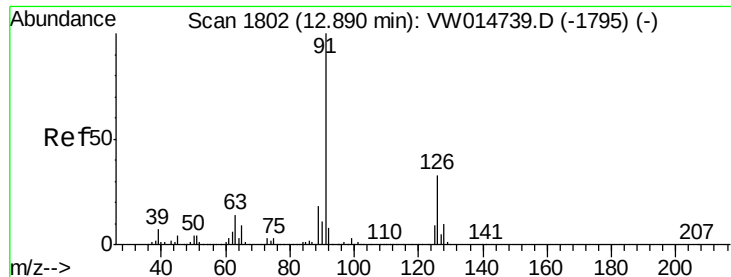
120 22.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.97 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

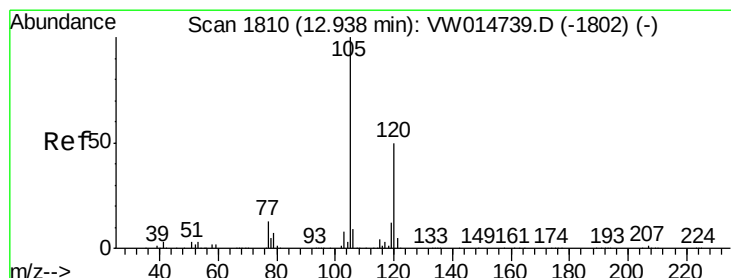
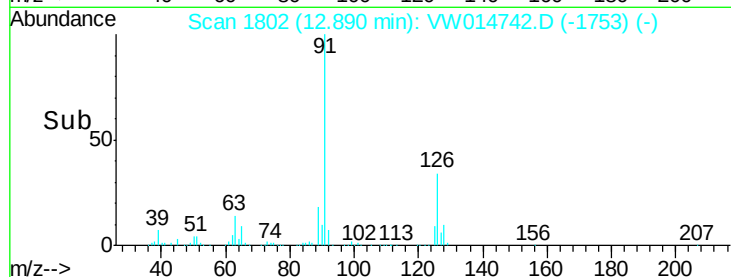
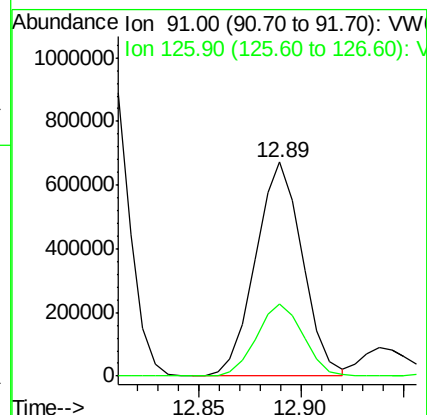
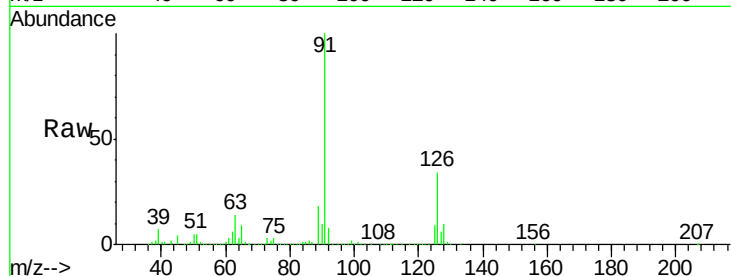
ICVW012420

Tgt Ion: 91 Resp: 1073147

Ion Ratio Lower Upper

91 100

126 33.9 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 51.91 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014742.D

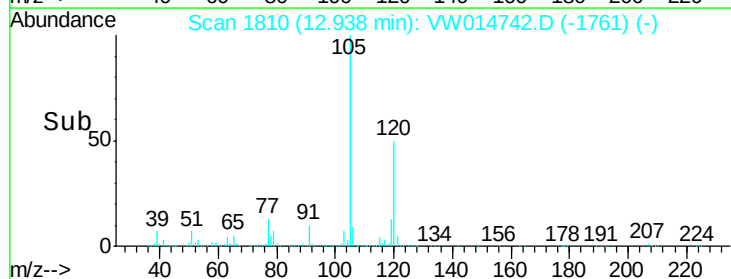
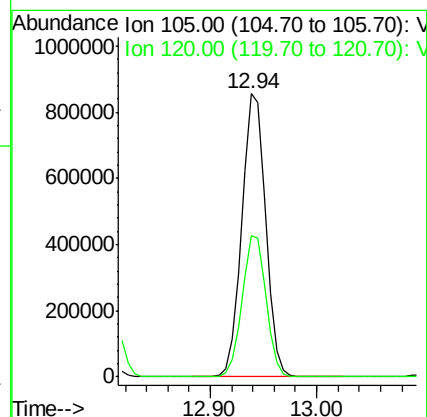
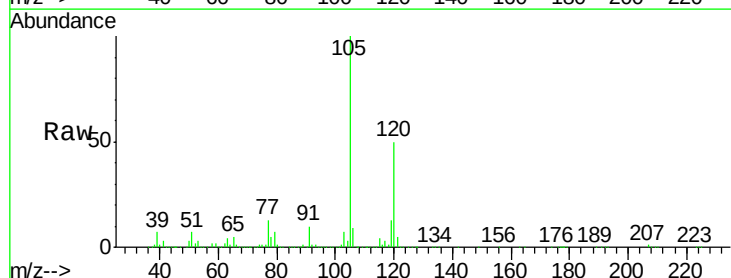
Acq: 24 Jan 2020 13:23

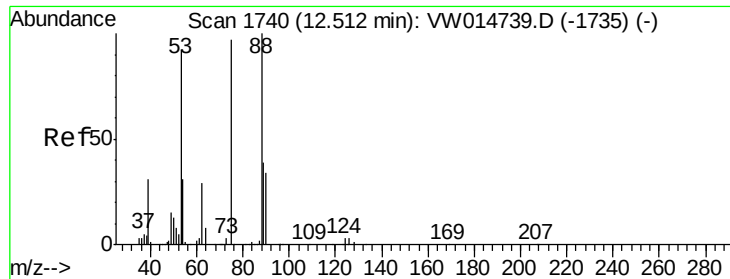
Tgt Ion: 105 Resp: 1347931

Ion Ratio Lower Upper

105 100

120 50.2 25.0 75.0

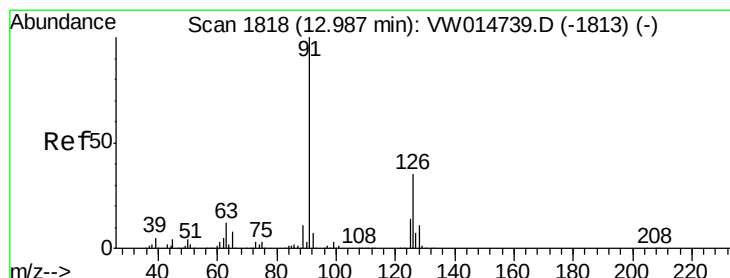
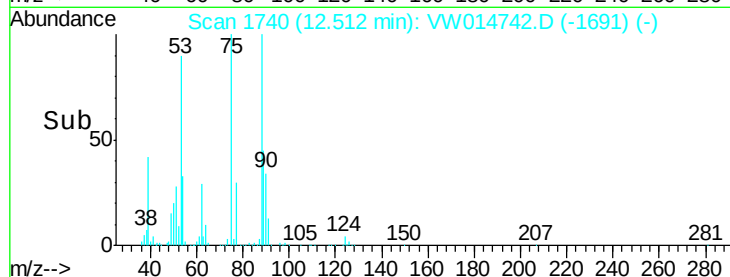
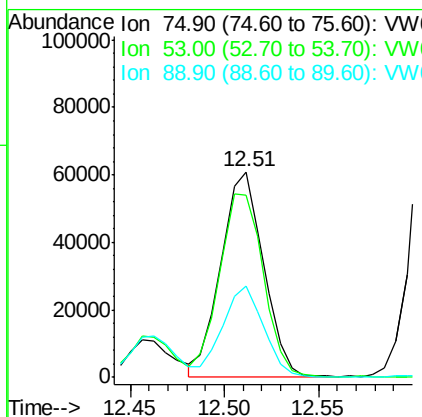
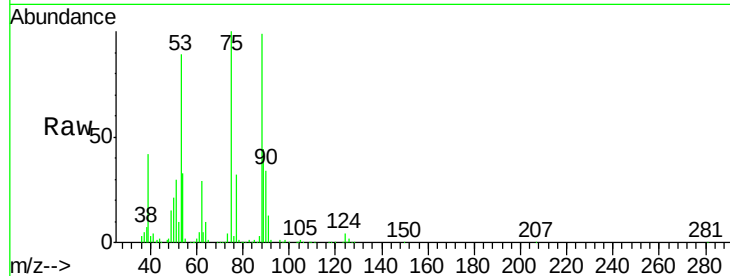




#81
trans-1,4-Dichloro-2-butene
Concen: 52.66 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

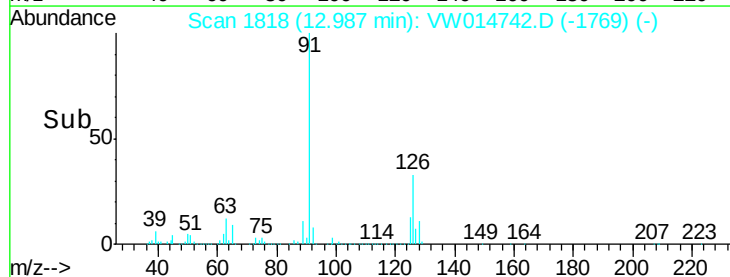
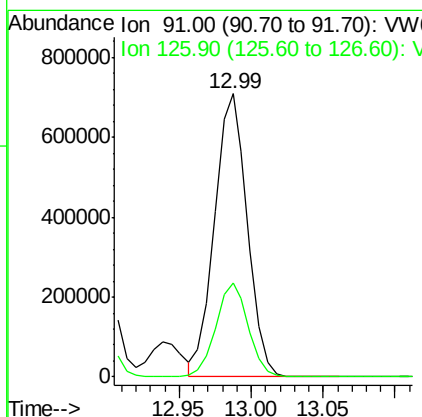
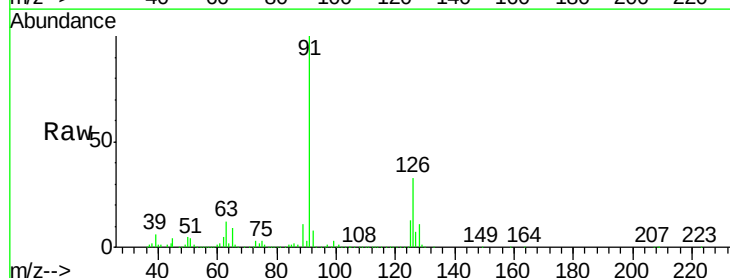
Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

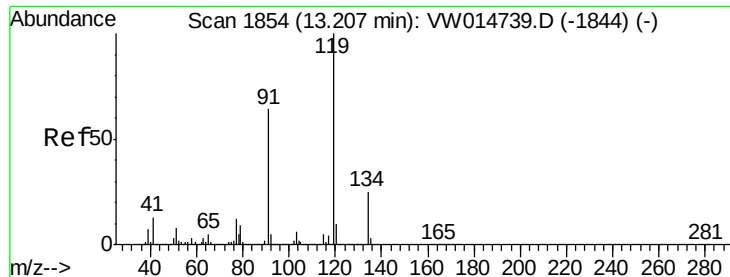
Tgt Ion: 75 Resp: 95034
Ion Ratio Lower Upper
75 100
53 93.5 77.0 115.4
89 43.7 35.2 52.8



#82
4-Chlorotoluene
Concen: 50.98 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion: 91 Resp: 1122478
Ion Ratio Lower Upper
91 100
126 32.9 16.7 50.1





#83

tert-Butylbenzene

Concen: 52.35 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW012420

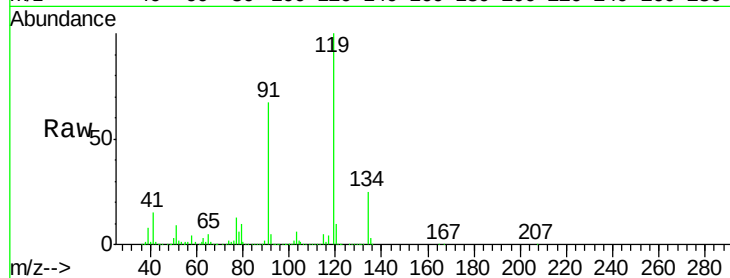
Tgt Ion:119 Resp: 1176152

Ion Ratio Lower Upper

119 100

91 64.8 32.1 96.3

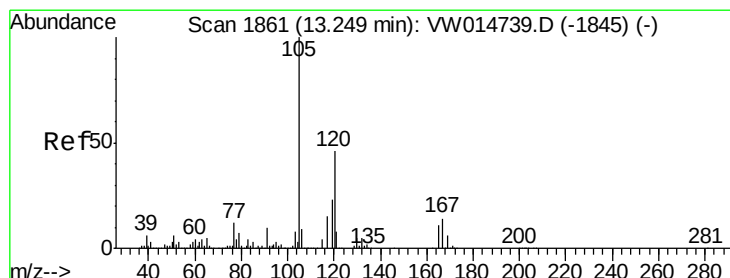
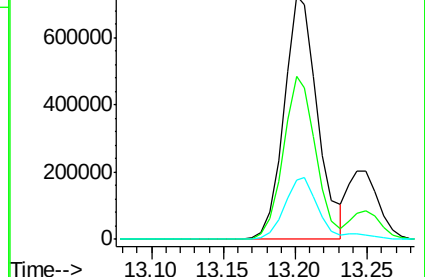
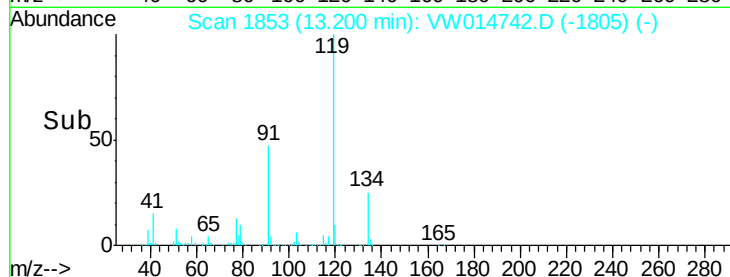
134 26.8 13.4 40.2



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: 51.98 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014742.D

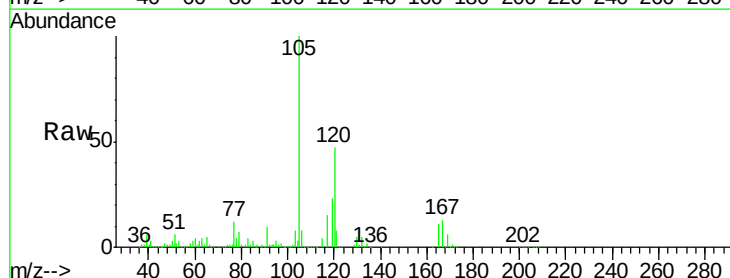
Acq: 24 Jan 2020 13:23

Tgt Ion:105 Resp: 1348905

Ion Ratio Lower Upper

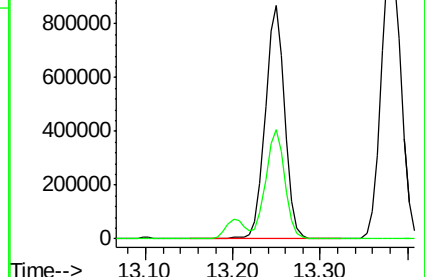
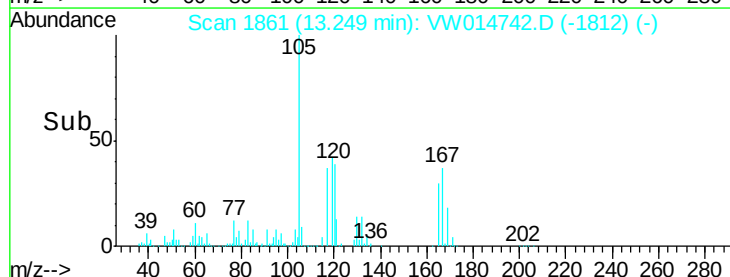
105 100

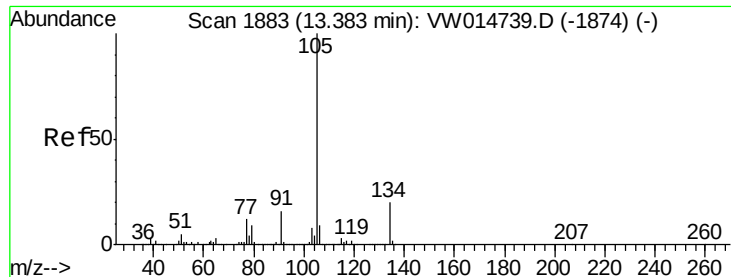
120 46.3 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

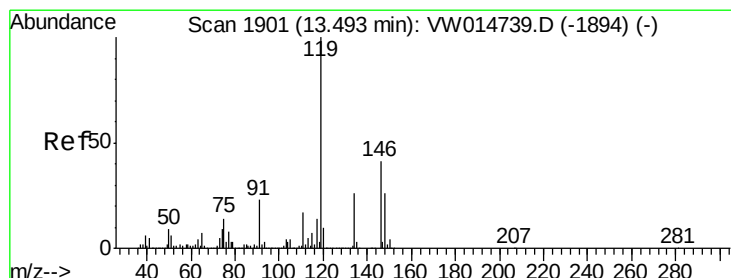
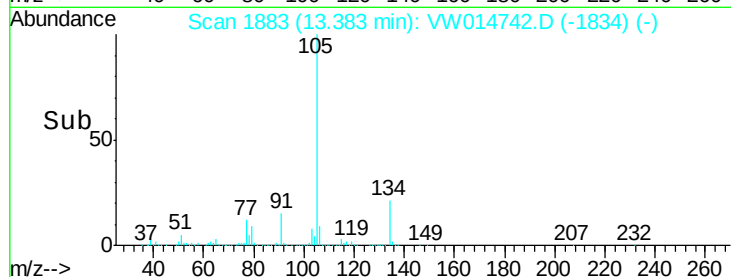
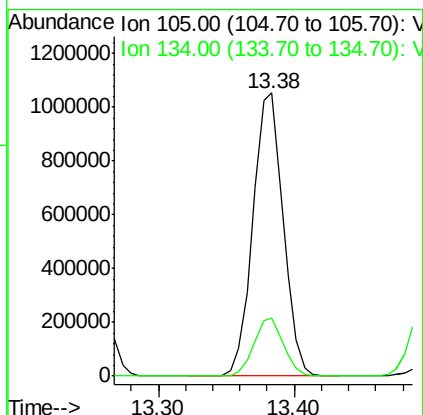
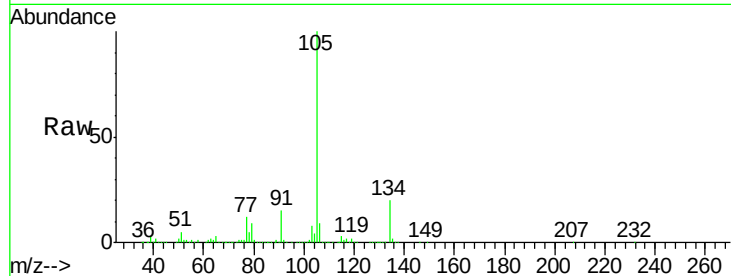




#85
 sec-Butylbenzene
 Concen: 52.19 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

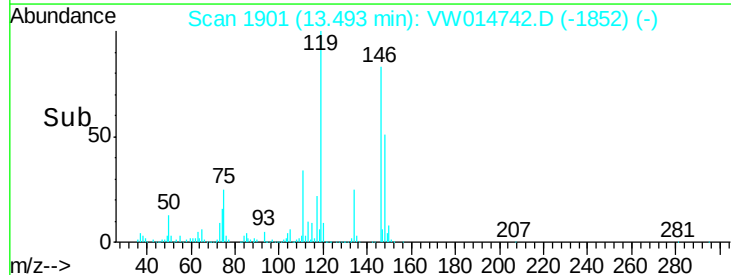
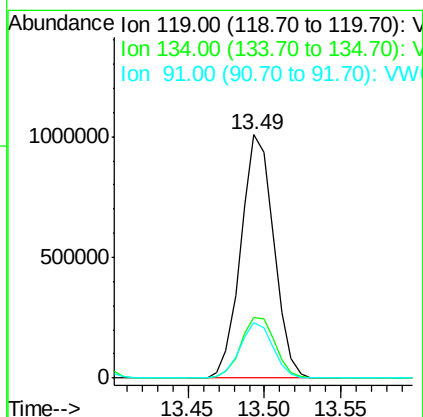
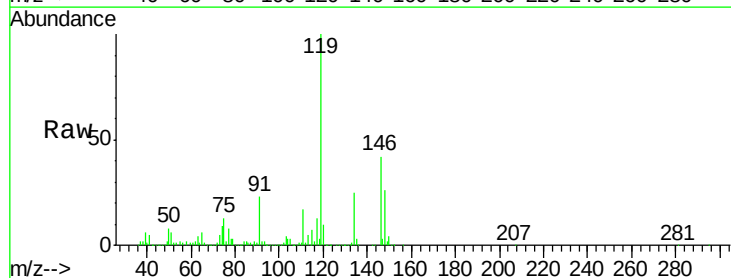
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

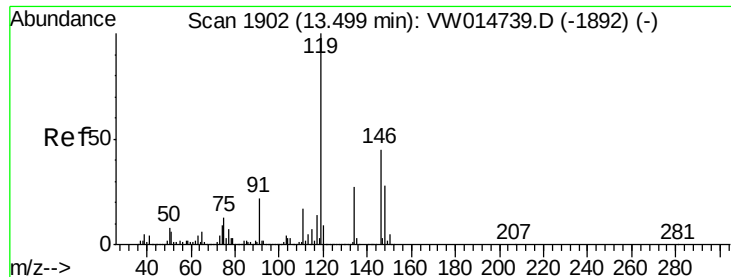
Tgt Ion:105 Resp: 1651237
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.55 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion:119 Resp: 1505870
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 22.6 11.4 34.2

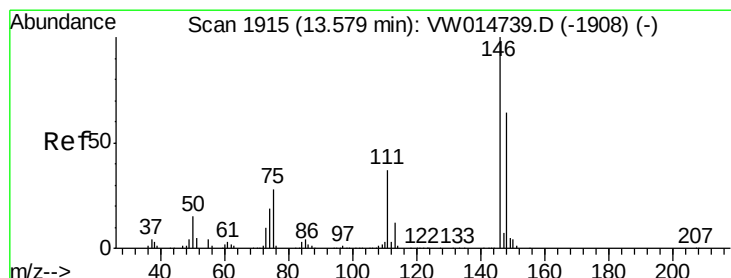
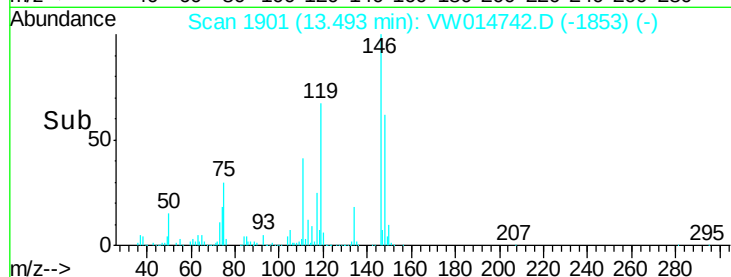
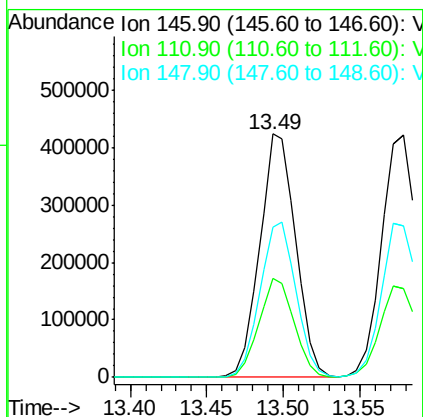
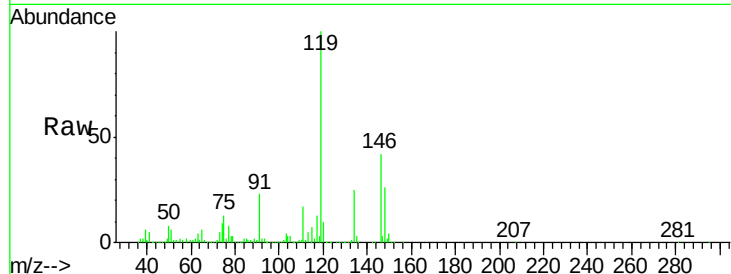




#87
 1,3-Dichlorobenzene
 Concen: 49.87 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

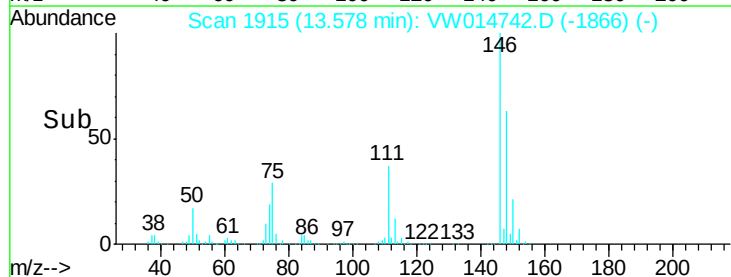
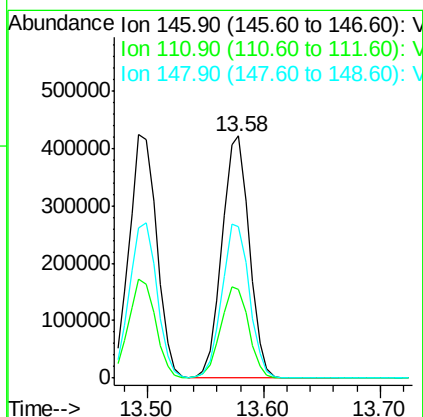
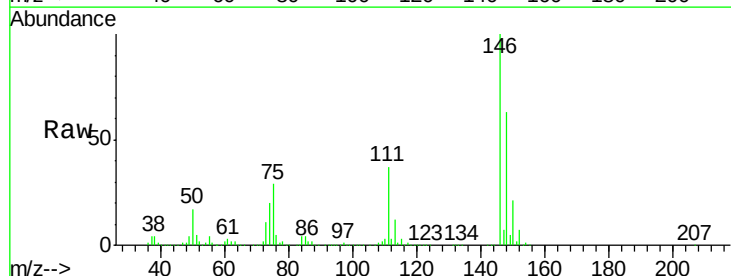
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

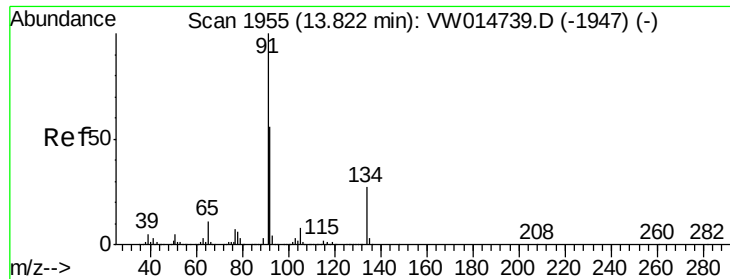
Tgt Ion:146 Resp: 694604
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.8 59.4
 148 63.9 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 49.82 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion:146 Resp: 684061
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.4
 148 63.9 32.0 96.2





#89

n-Butylbenzene

Concen: 53.03 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampled :

ICVW012420

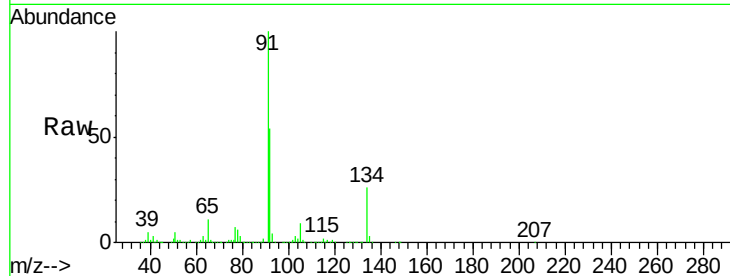
Tgt Ion: 91 Resp: 1449724

Ion Ratio Lower Upper

91 100

92 54.9 27.5 82.4

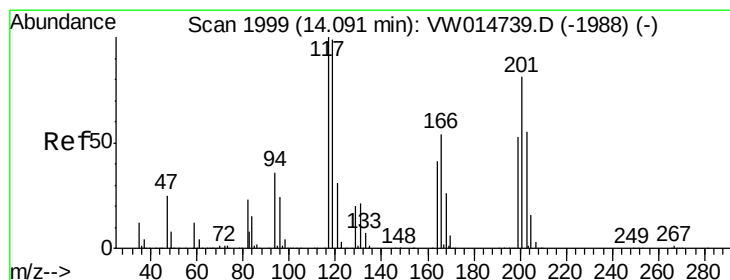
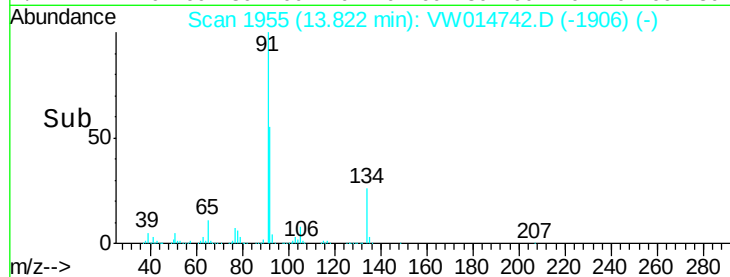
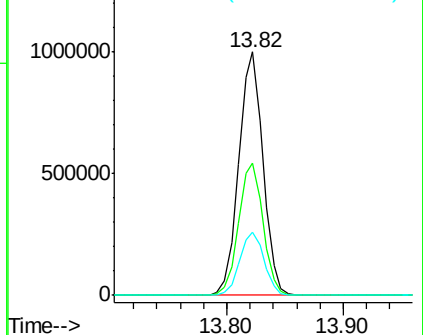
134 26.1 13.1 39.1



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: 50.87 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW014742.D

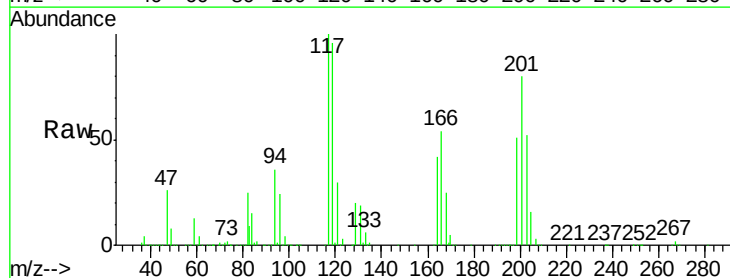
Acq: 24 Jan 2020 13:23

Tgt Ion: 117 Resp: 258695

Ion Ratio Lower Upper

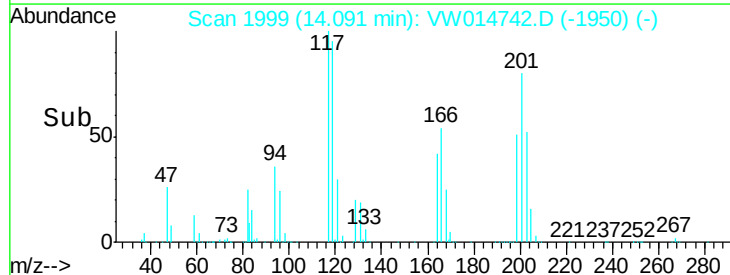
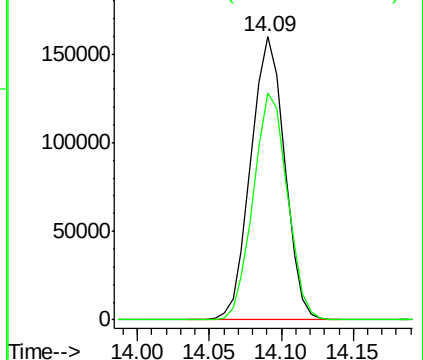
117 100

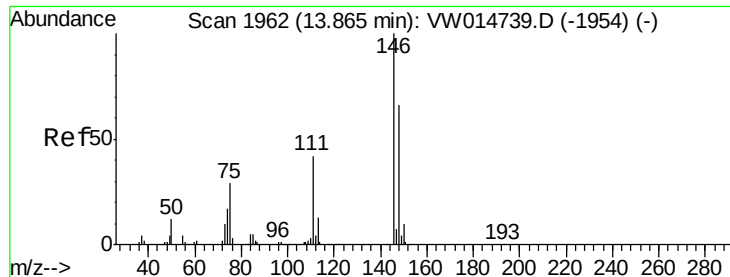
201 80.8 41.6 124.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 50.17 ug/l

RT: 13.86 min Scan# 1962

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

Instrument :

MSVOA_W

ClientSampleId :

ICVW012420

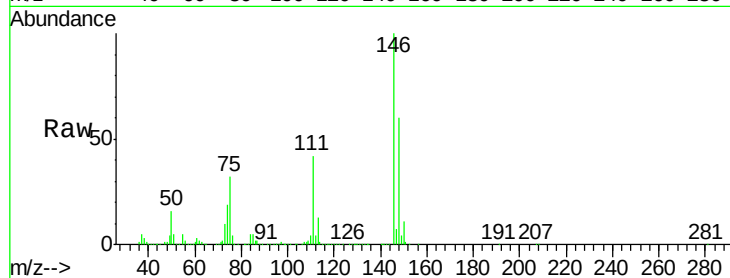
Tgt Ion:146 Resp: 612955

Ion Ratio Lower Upper

146 100

111 41.1 20.7 62.1

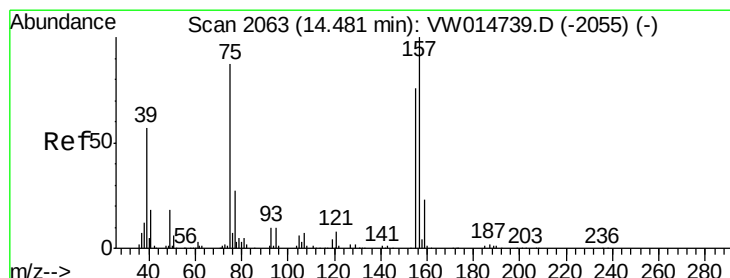
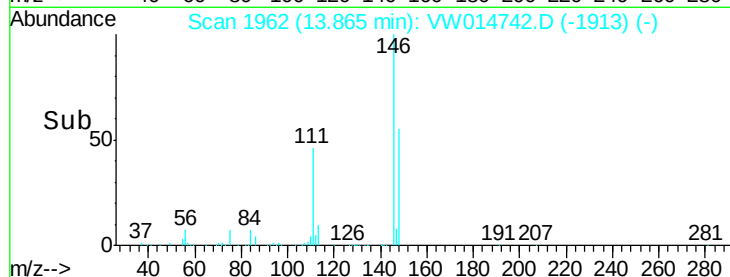
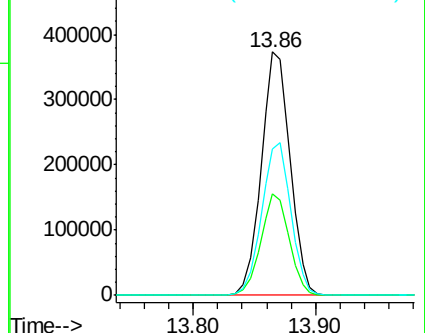
148 63.2 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.67 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. -0.00 min

Lab File: VW014742.D

Acq: 24 Jan 2020 13:23

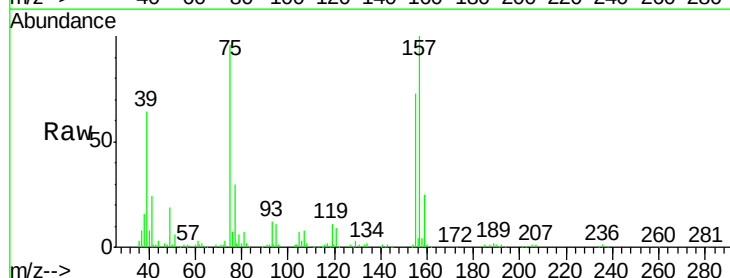
Tgt Ion: 75 Resp: 45748

Ion Ratio Lower Upper

75 100

155 82.3 42.5 127.5

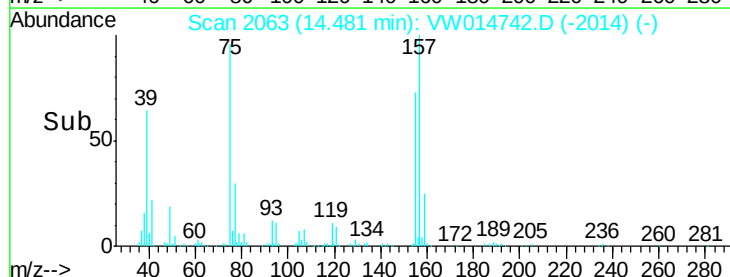
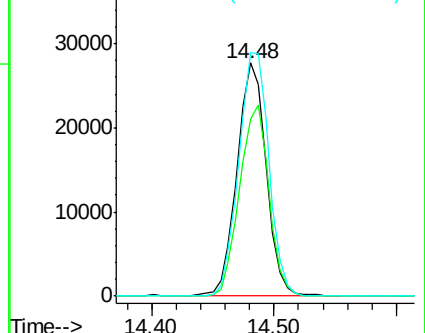
157 108.2 54.8 164.4

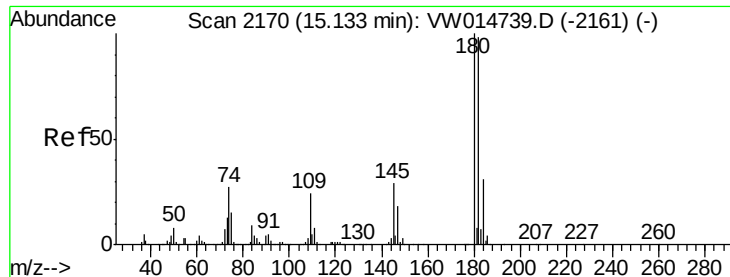


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

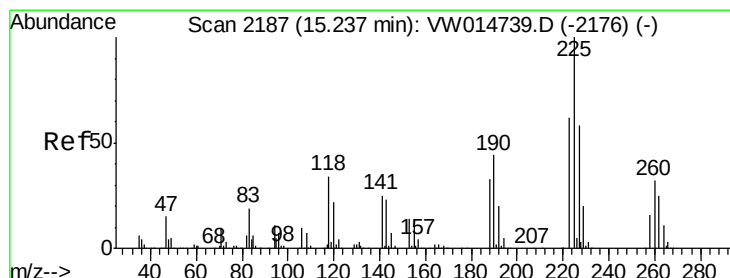
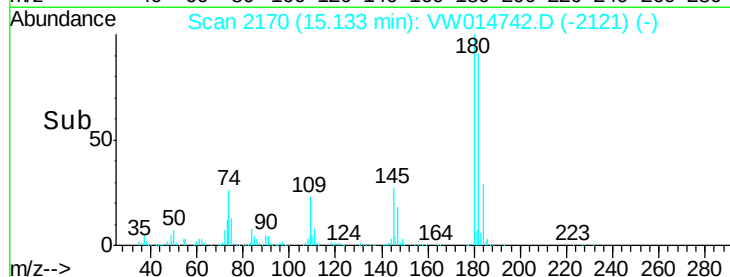
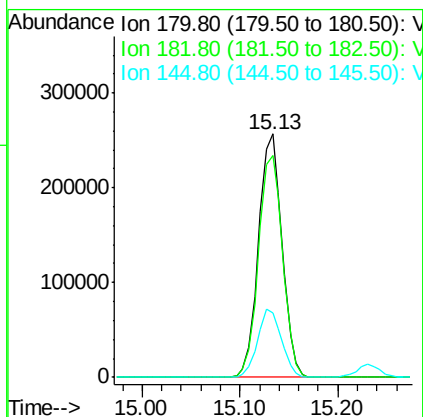
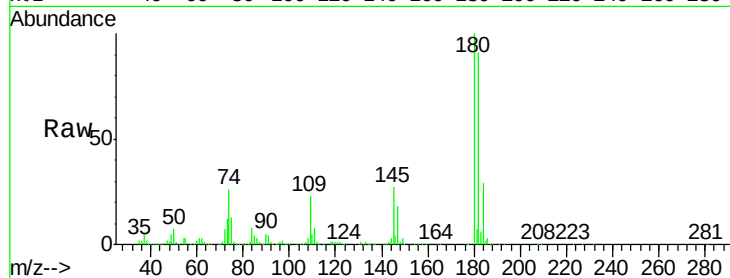




#93
 1,2,4-Trichlorobenzene
 Concen: 55.08 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

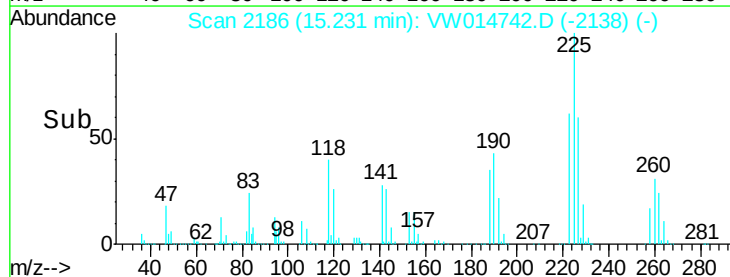
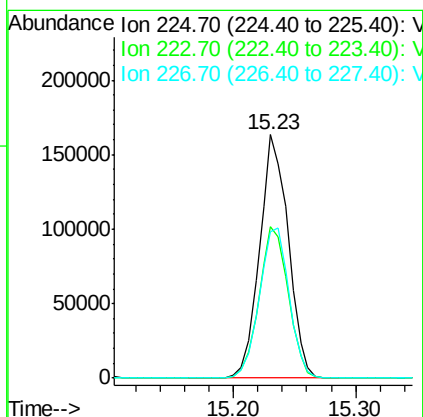
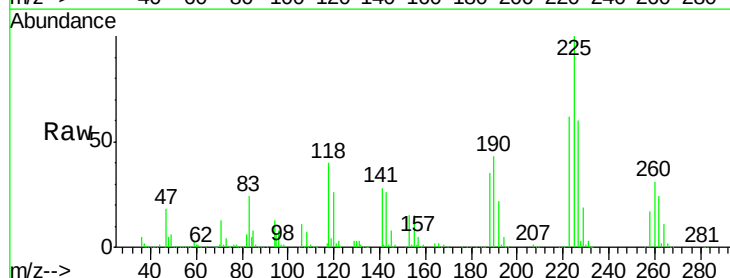
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW012420

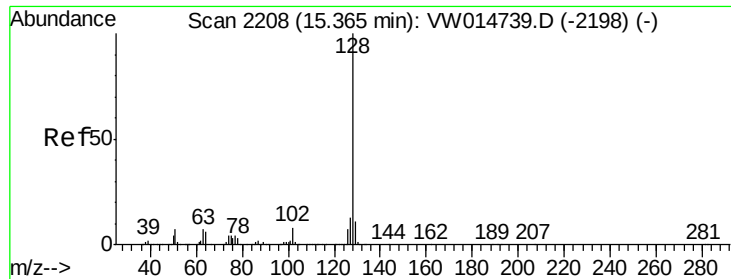
Tgt Ion:180 Resp: 427804
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.6 145.9
 145 28.7 14.7 44.1



#94
 Hexachlorobutadiene
 Concen: 50.30 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW014742.D
 Acq: 24 Jan 2020 13:23

Tgt Ion:225 Resp: 266513
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.4 94.3
 227 64.3 30.9 92.8

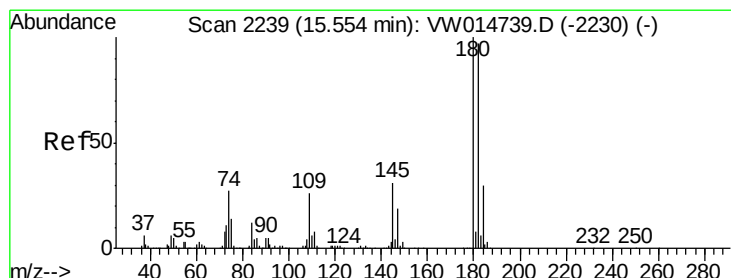
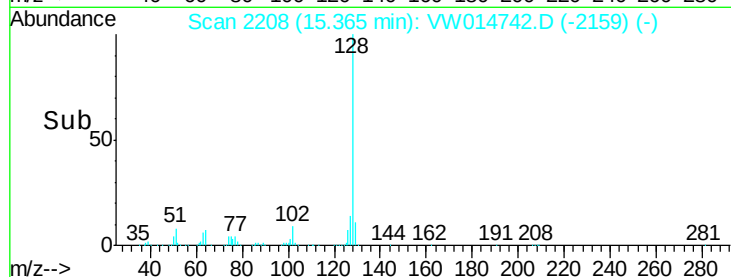
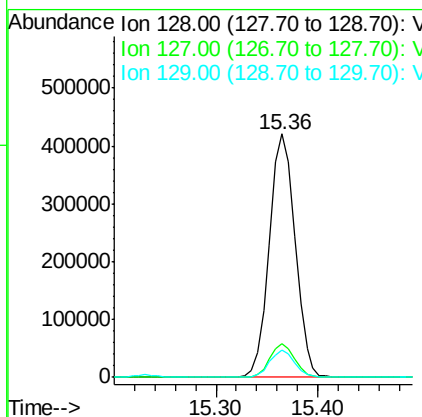
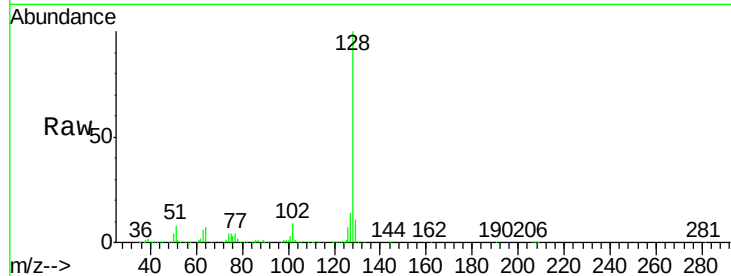




#95
Naphthalene
Concen: 51.09 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Instrument :
MSVOA_W
ClientSampleId :
ICVW012420

Tgt Ion:128 Resp: 736644
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.93 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW014742.D
Acq: 24 Jan 2020 13:23

Tgt Ion:180 Resp: 358579
Ion Ratio Lower Upper
180 100
182 95.7 47.2 141.6
145 30.6 15.4 46.4

