

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
 Data File : VW014737.D
 Acq On : 24 Jan 2020 10:59
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Jan 24 12:39:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	727331	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1109890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	957963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	469646	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	69799	10.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	21.54%	
35) Dibromofluoromethane	7.88	113	65471	10.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.46%	
50) Toluene-d8	10.32	98	268256	10.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.04%	
62) 4-Bromofluorobenzene	12.62	95	89684	9.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.80%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.01	85	44805	10.42	ug/l	100
3) Chloromethane	2.21	50	68529	12.96	ug/l	98
4) Vinyl Chloride	2.35	62	103653	13.24	ug/l	94
5) Bromomethane	2.77	94	56745	11.95	ug/l	89
6) Chloroethane	2.92	64	55752	12.57	ug/l	94
7) Trichlorofluoromethane	3.25	101	47712	12.27	ug/l	95
8) Diethyl Ether	3.68	74	36773	9.93	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	78188	11.15	ug/l	98
10) Methyl Iodide	4.26	142	103044	9.83	ug/l	99
11) Tert butyl alcohol	5.16	59	24952	46.16	ug/l	97
12) 1,1-Dichloroethene	4.04	96	77165	10.52	ug/l	97
13) Acrolein	3.89	56	29085	54.63	ug/l	100
14) Allyl chloride	4.66	41	125029	11.01	ug/l	98
15) Acrylonitrile	5.36	53	84806	50.71	ug/l	99
16) Acetone	4.12	43	88491	50.05	ug/l	98
17) Carbon Disulfide	4.37	76	243668	10.92	ug/l	100
18) Methyl Acetate	4.67	43	39581	9.39	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	93815	10.32	ug/l	94
20) Methylene Chloride	4.91	84	92136	10.92	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	82829	10.63	ug/l	97
22) Diisopropyl ether	6.31	45	234190	11.01	ug/l	95
23) Vinyl Acetate	6.25	43	649493	51.25	ug/l	99
24) 1,1-Dichloroethane	6.21	63	145613	10.92	ug/l	99
25) 2-Butanone	7.16	43	111903	49.25	ug/l	99
26) 2,2-Dichloropropane	7.16	77	85943	11.63	ug/l	96
27) cis-1,2-Dichloroethene	7.16	96	82047	10.04	ug/l	93
28) Bromochloromethane	7.51	49	53031	10.24	ug/l	96
29) Tetrahydrofuran	7.52	42	70342	49.71	ug/l	100
30) Chloroform	7.67	83	136497	10.96	ug/l	98
31) Cyclohexane	7.95	56	155743	11.26	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	110846	11.08	ug/l	98
36) 1,1-Dichloropropene	8.08	75	119321	10.99	ug/l	99
37) Ethyl Acetate	7.25	43	49516	10.31	ug/l	98
38) Carbon Tetrachloride	8.06	117	102111	10.85	ug/l	96

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	137194	9.93	ug/l	99
40) Benzene	8.32	78	334439	10.89	ug/l	99
41) Methacrylonitrile	7.48	41	25661	9.52	ug/l	94
42) 1,2-Dichloroethane	8.40	62	87113	10.90	ug/l	100
43) Isopropyl Acetate	8.42	43	87911	10.01	ug/l	99
44) Trichloroethene	9.09	130	83154	10.10	ug/l	97
45) 1,2-Dichloropropane	9.37	63	81561	10.81	ug/l	99
46) Dibromomethane	9.46	93	37871	10.32	ug/l	98
47) Bromodichloromethane	9.64	83	95719	10.42	ug/l	97
48) Methyl methacrylate	9.43	41	38172	8.99	ug/l	99
49) 1,4-Dioxane	9.44	88	13450	200.19	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	228222	50.25	ug/l	99
52) Toluene	10.38	92	200381	10.44	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	92784	9.87	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	113149	9.80	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	54316	10.17	ug/l	99
56) Ethyl methacrylate	10.65	69	62751	9.09	ug/l	99
57) 1,3-Dichloropropane	10.93	76	97697	10.34	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	81479	38.48	ug/l	99
59) 2-Hexanone	10.96	43	148281	47.68	ug/l	96
60) Dibromochloromethane	11.13	129	56873	9.44	ug/l	99
61) 1,2-Dibromoethane	11.23	107	50617	10.04	ug/l	96
64) Tetrachloroethene	10.86	164	70899	10.25	ug/l	93
65) Chlorobenzene	11.65	112	202308	10.27	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	67336	10.16	ug/l	99
67) Ethyl Benzene	11.73	91	361655	10.15	ug/l	97
68) m/p-Xylenes	11.83	106	274406	20.17	ug/l	98
69) o-Xylene	12.16	106	120492	9.59	ug/l	98
70) Styrene	12.18	104	208314	9.82	ug/l	99
71) Bromoform	12.35	173	32662	9.19	ug/l	98
73) Isopropylbenzene	12.46	105	341027	9.85	ug/l	98
74) N-amyl acetate	12.27	43	75050	9.69	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	61207	9.92	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	78361	17.84	ug/l #	1
77) Bromobenzene	12.74	156	77165	9.59	ug/l	93
78) n-propylbenzene	12.80	91	417415	10.17	ug/l	99
79) 2-Chlorotoluene	12.89	91	238080	10.20	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	292739	10.02	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	18609	9.43	ug/l	95
82) 4-Chlorotoluene	12.99	91	251080	10.34	ug/l	100
83) tert-Butylbenzene	13.21	119	247771	9.72	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	290915	10.00	ug/l	99
85) sec-Butylbenzene	13.38	105	353927	10.00	ug/l	99
86) p-Isopropyltoluene	13.49	119	313296	9.70	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	157267	10.04	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	154721	10.04	ug/l	98
89) n-Butylbenzene	13.82	91	293911	9.77	ug/l	99
90) Hexachloroethane	14.09	117	57126	10.16	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	137728	10.01	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	9647	9.90	ug/l	93

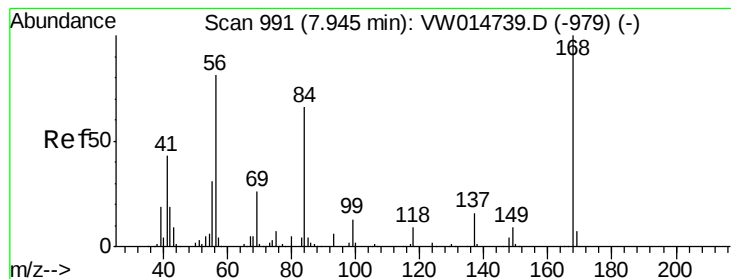
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW012420\
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Quant Title : SW846 8260
QLast Update : Fri Jan 24 12:36:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	76674	8.32	ug/l	98
94) Hexachlorobutadiene	15.24	225	58538	9.41	ug/l	99
95) Naphthalene	15.36	128	116836	7.52	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	67496	8.42	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

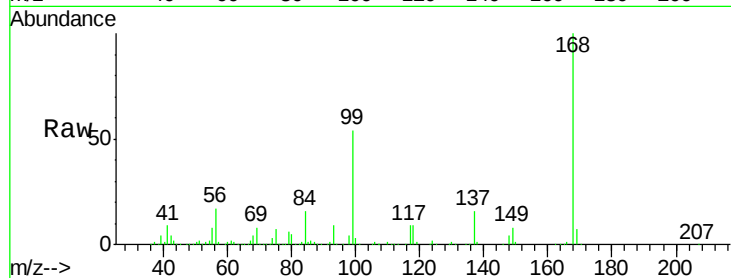
VSTDIC010

Tgt Ion: 168 Resp: 727331

Ion Ratio Lower Upper

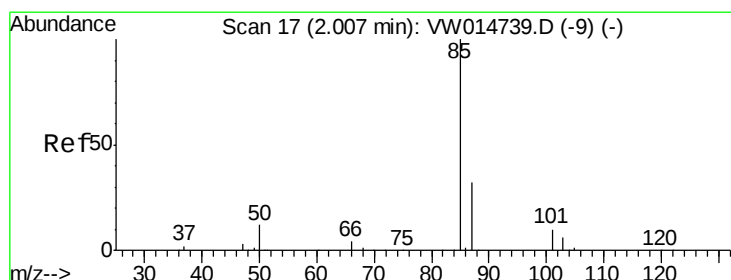
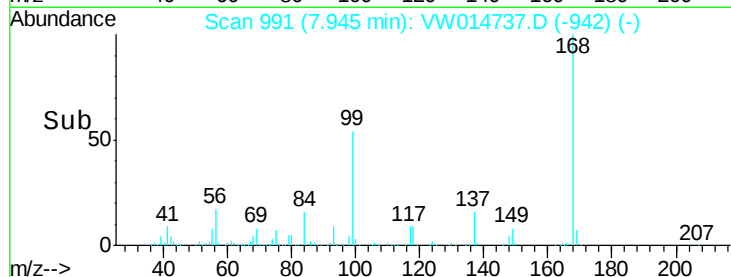
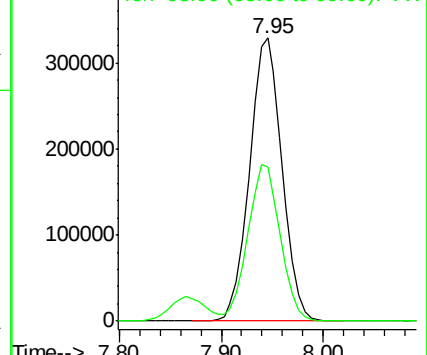
168 100

99 54.2 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 10.42 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014737.D

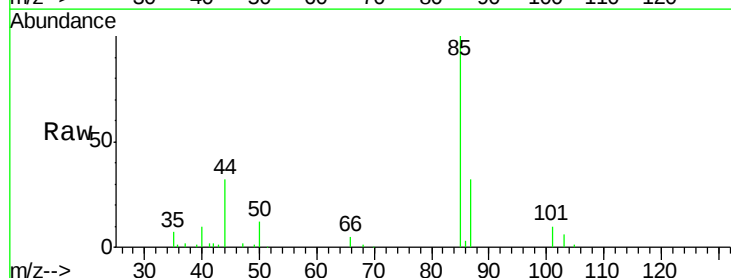
Acq: 24 Jan 2020 10:59

Tgt Ion: 85 Resp: 44805

Ion Ratio Lower Upper

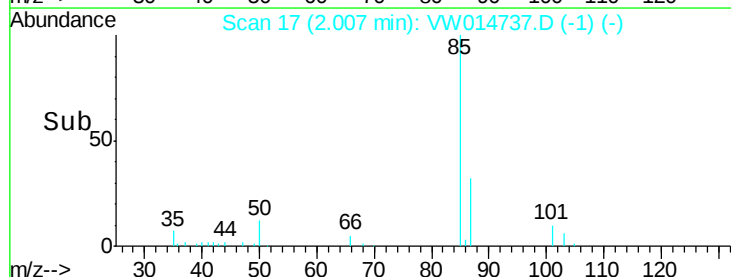
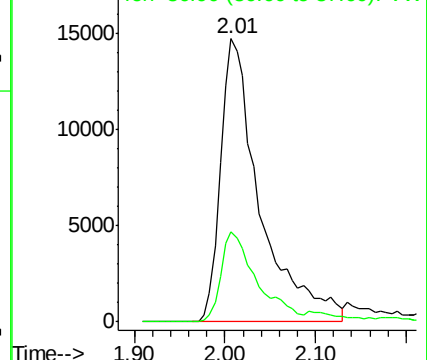
85 100

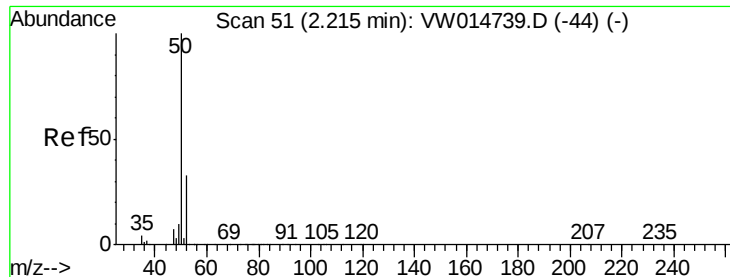
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 12.96 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

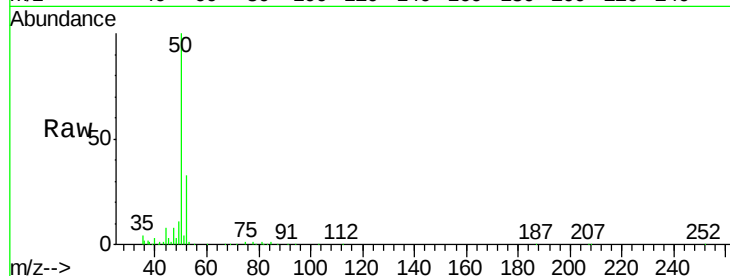
VSTDIC010

Tgt Ion: 50 Resp: 68529

Ion Ratio Lower Upper

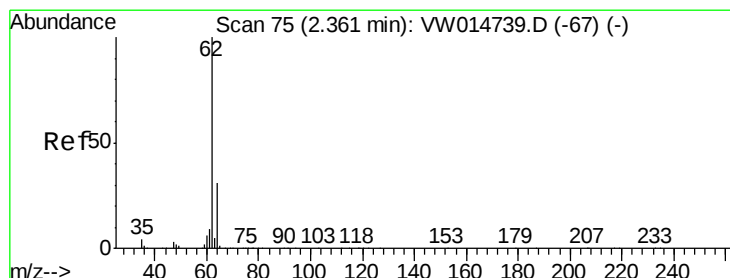
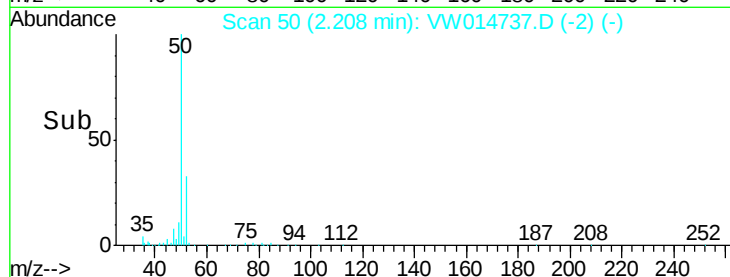
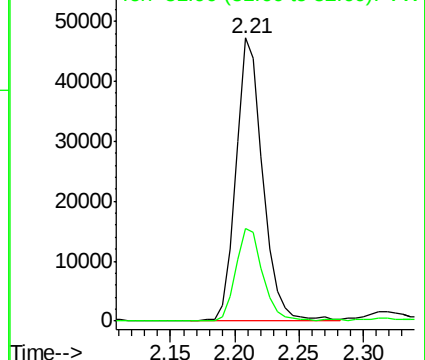
50 100

52 32.5 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 13.24 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW014737.D

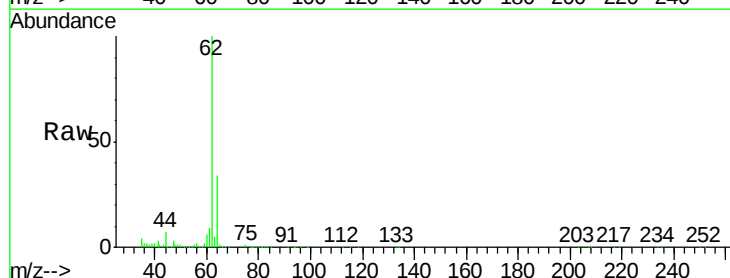
Acq: 24 Jan 2020 10:59

Tgt Ion: 62 Resp: 103653

Ion Ratio Lower Upper

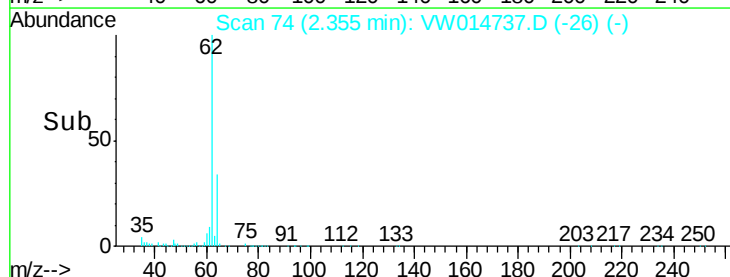
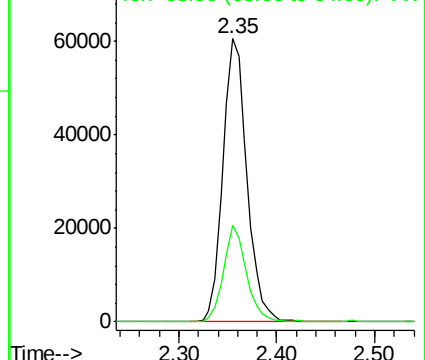
62 100

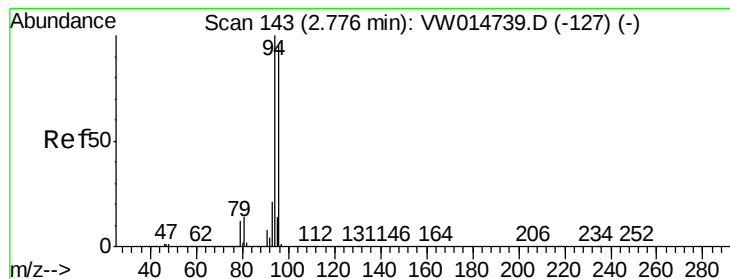
64 33.9 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 11.95 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

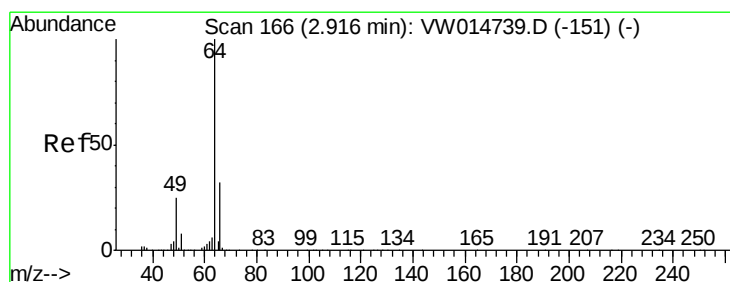
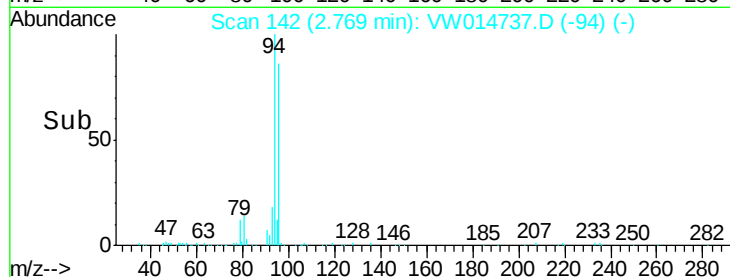
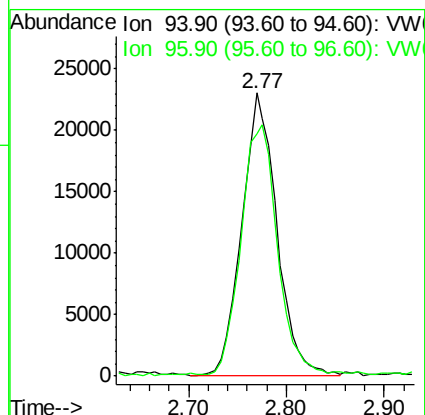
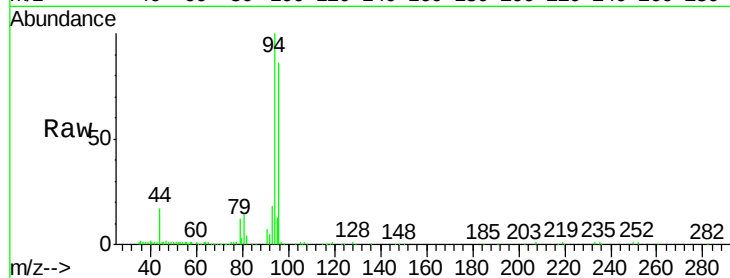
VSTDIC010

Tgt Ion: 94 Resp: 56745

Ion Ratio Lower Upper

94 100

96 85.0 76.2 114.4



#6

Chloroethane

Concen: 12.57 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014737.D

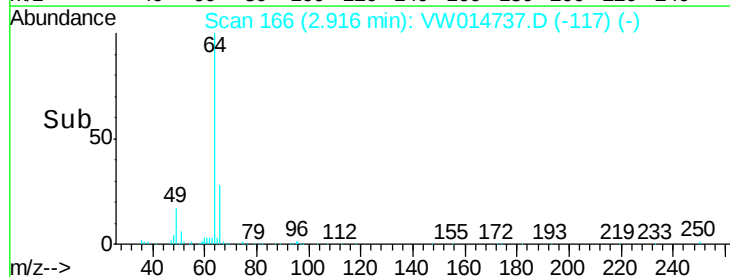
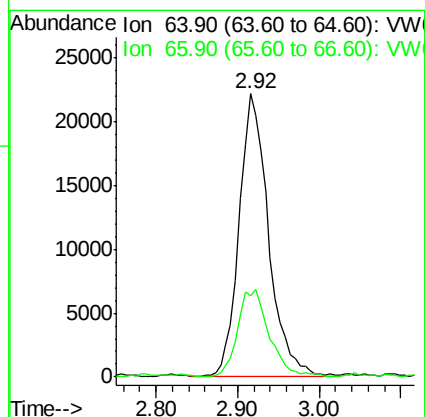
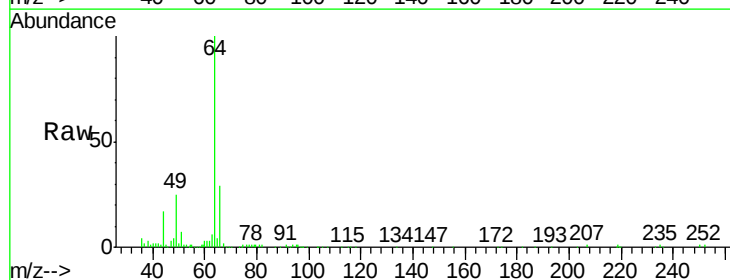
Acq: 24 Jan 2020 10:59

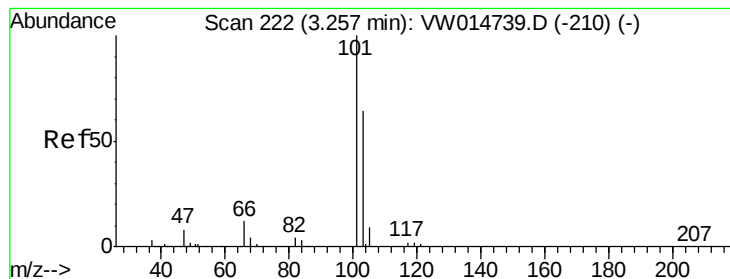
Tgt Ion: 64 Resp: 55752

Ion Ratio Lower Upper

64 100

66 28.6 25.5 38.3



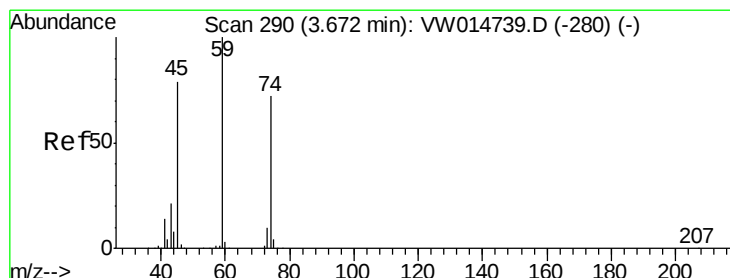
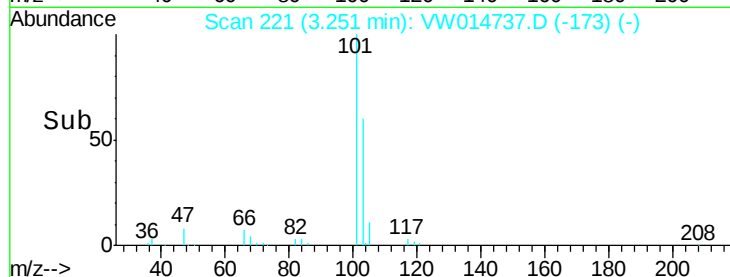
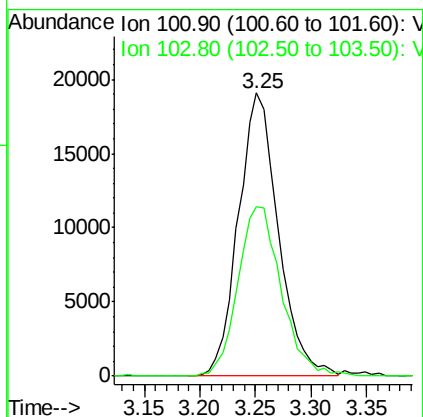
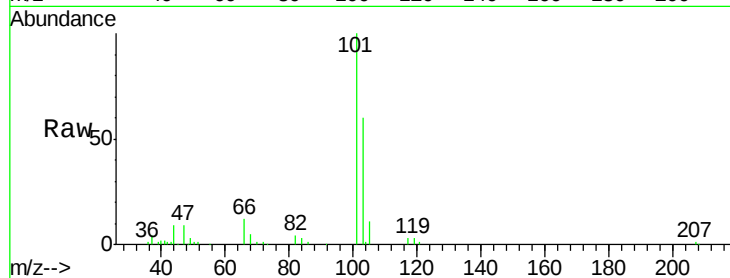


#7

Trichlorofluoromethane
 Concen: 12.27 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

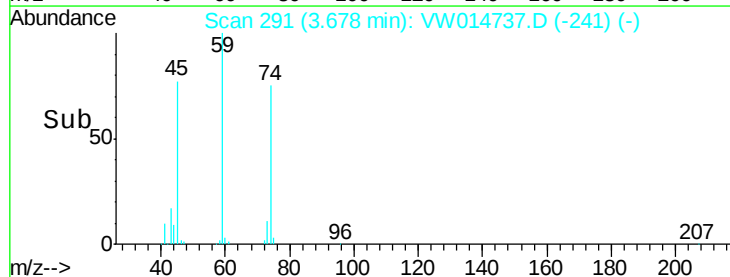
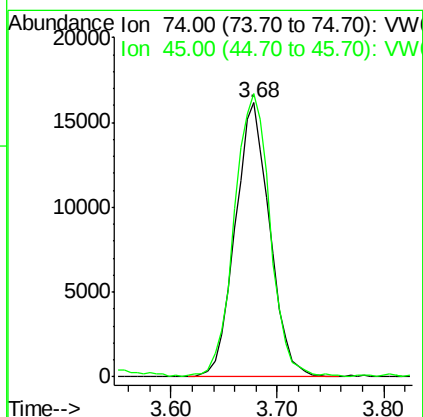
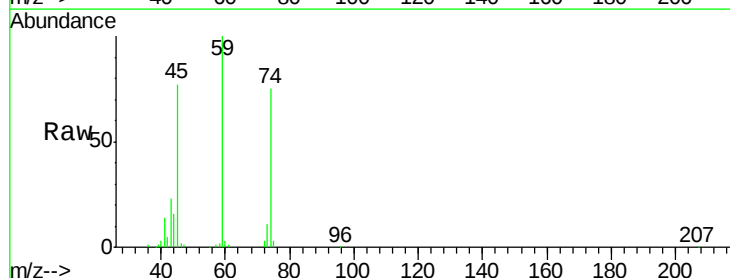
Tgt Ion:101 Resp: 47712
 Ion Ratio Lower Upper
 101 100
 103 59.9 50.8 76.2

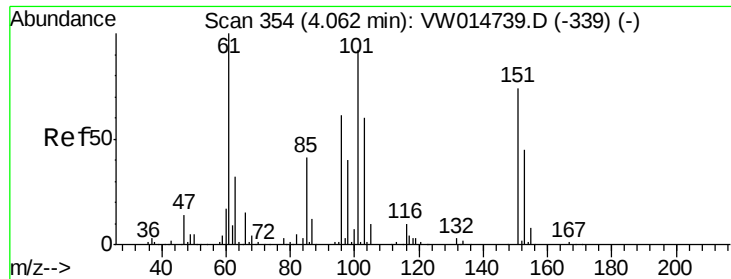


#8

Diethyl Ether
 Concen: 9.93 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.01 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion: 74 Resp: 36773
 Ion Ratio Lower Upper
 74 100
 45 107.2 52.7 158.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.15 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

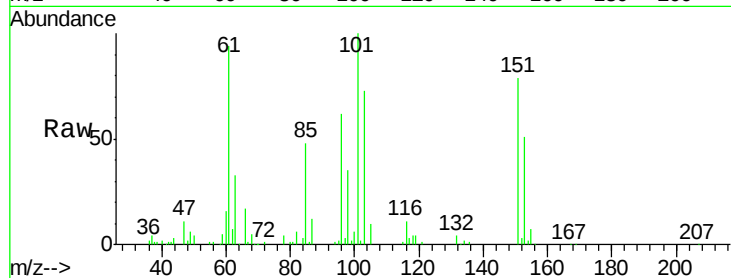
Tgt Ion:101 Resp: 78188

Ion Ratio Lower Upper

101 100

85 45.1 34.4 51.6

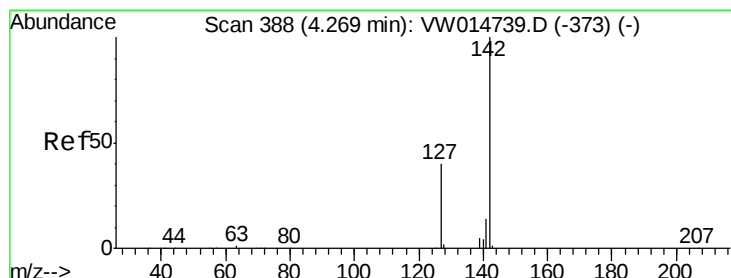
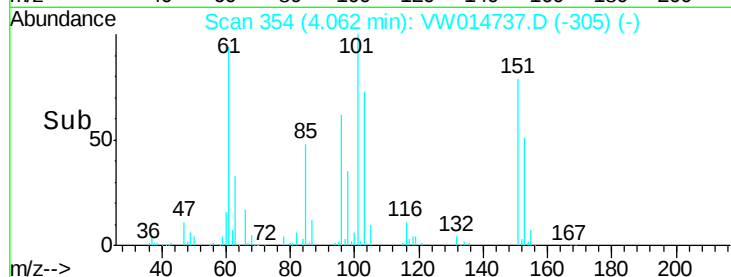
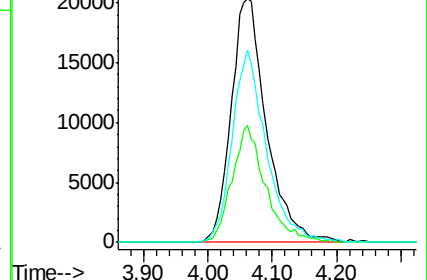
151 76.1 61.5 92.3



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: 9.83 ug/l

RT: 4.26 min Scan# 387

Delta R.T. -0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

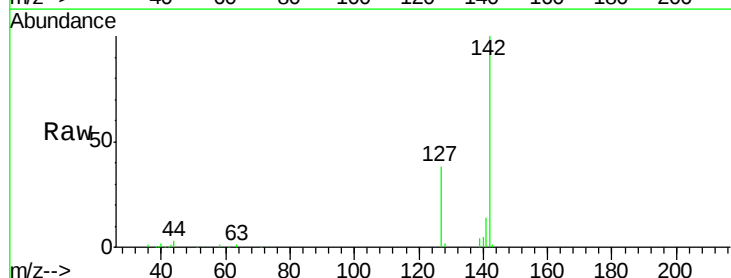
Tgt Ion:142 Resp: 103044

Ion Ratio Lower Upper

142 100

127 41.8 33.2 49.8

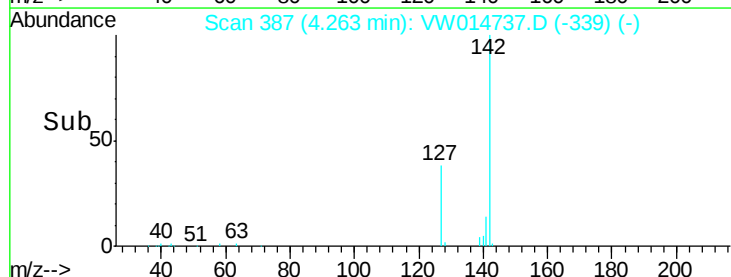
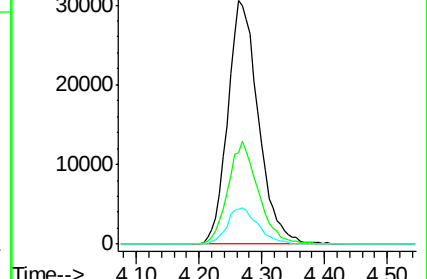
141 15.0 11.8 17.6

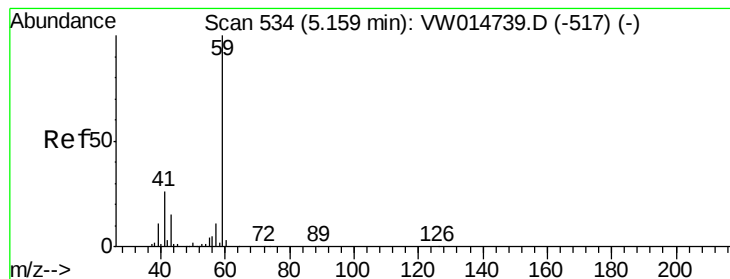


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 46.16 ug/l

RT: 5.16 min Scan# 534

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

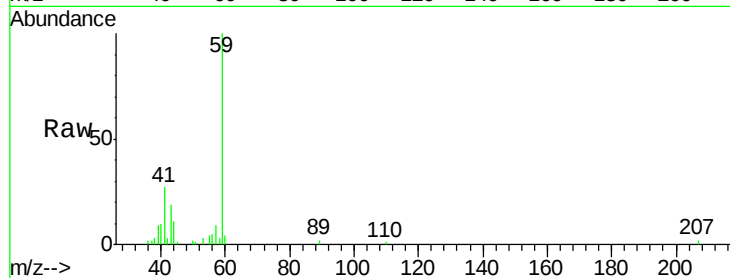
VSTDIC010

Tgt Ion: 59 Resp: 24952

Ion Ratio Lower Upper

59 100

57 9.6 8.6 12.8



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.16

8000

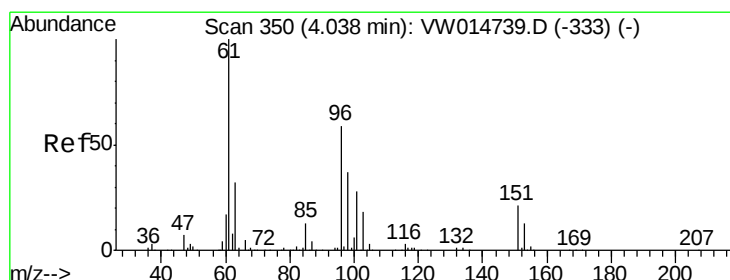
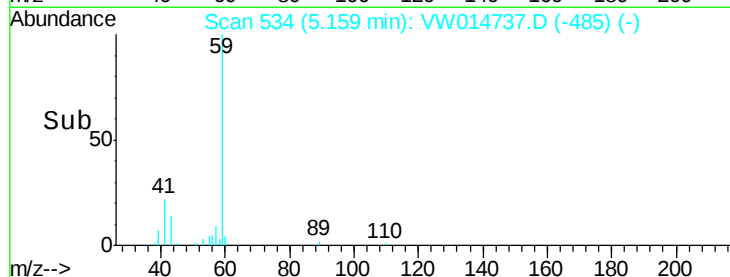
6000

4000

2000

0

Time--> 5.00 5.10 5.20 5.30



#12

1,1-Dichloroethene

Concen: 10.52 ug/l

RT: 4.04 min Scan# 350

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

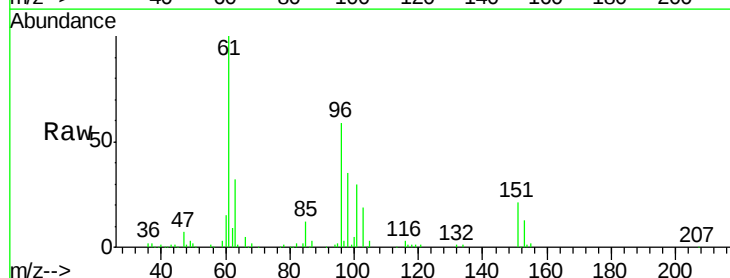
Tgt Ion: 96 Resp: 77165

Ion Ratio Lower Upper

96 100

61 168.3 136.3 204.5

98 58.6 51.0 76.6



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

4.04

50000

40000

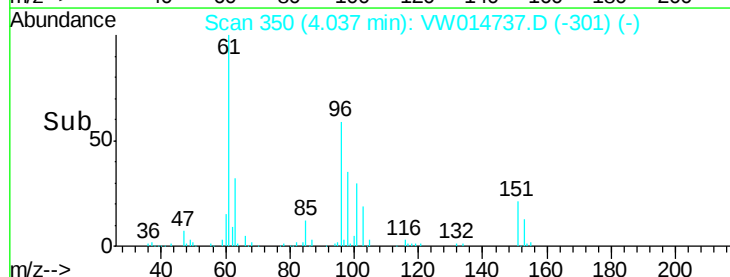
30000

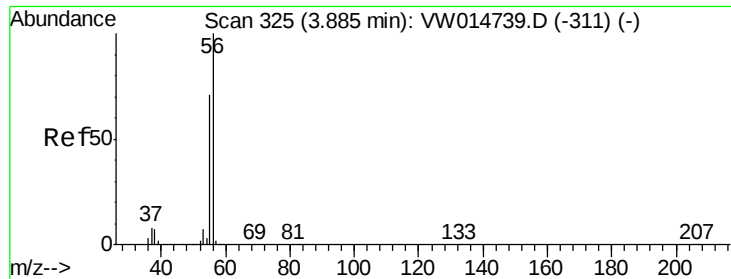
20000

10000

0

Time--> 3.90 4.00 4.10 4.20





#13

Acrolein

Concen: 54.63 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

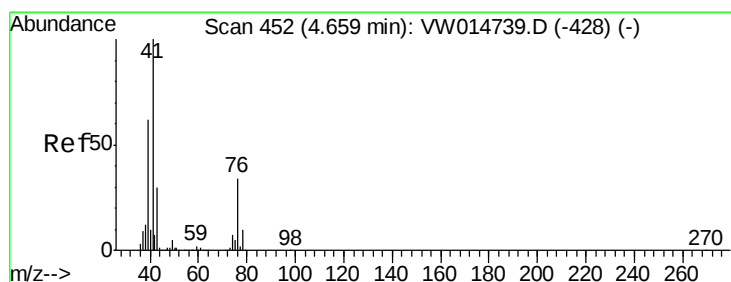
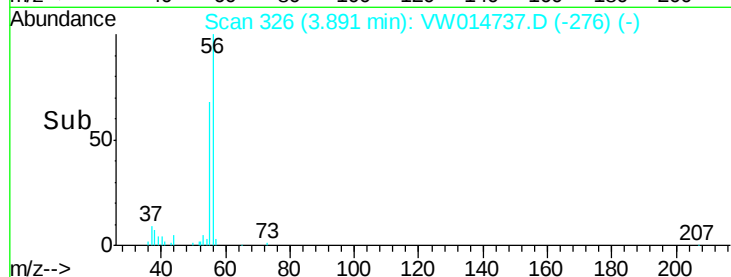
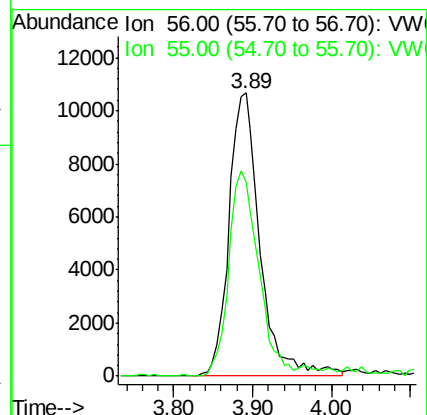
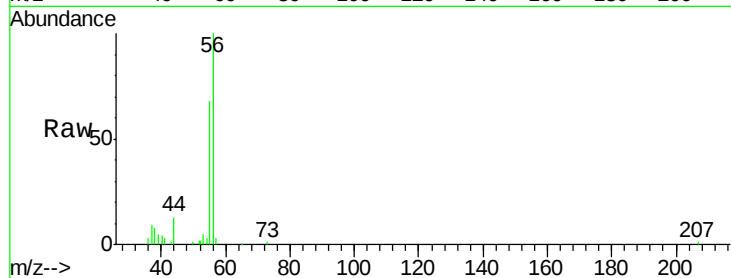
VSTDIC010

Tgt Ion: 56 Resp: 29085

Ion Ratio Lower Upper

56 100

55 69.8 55.7 83.5



#14

Allyl chloride

Concen: 11.01 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

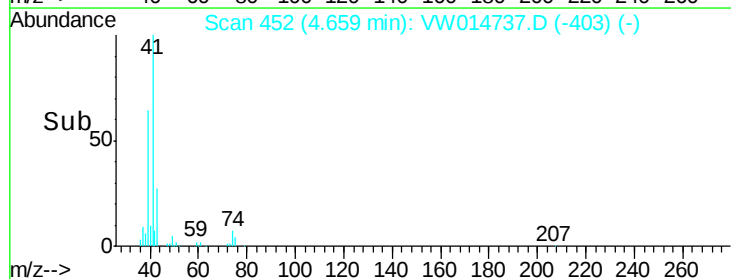
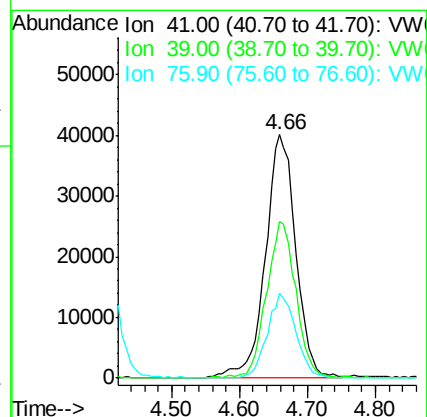
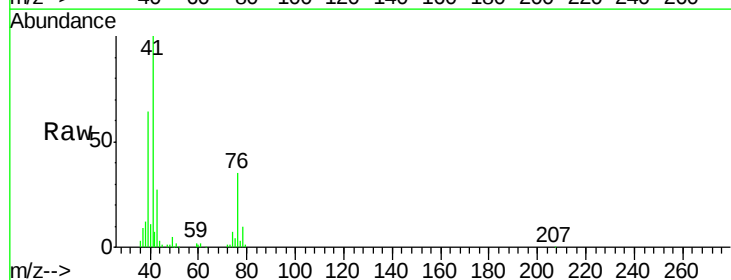
Tgt Ion: 41 Resp: 125029

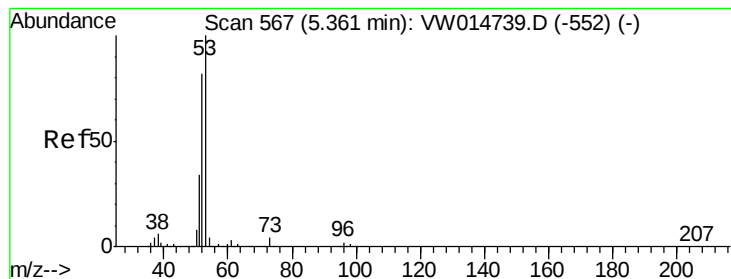
Ion Ratio Lower Upper

41 100

39 60.7 50.0 75.0

76 32.8 26.7 40.1





#15

Acrylonitrile

Concen: 50.71 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

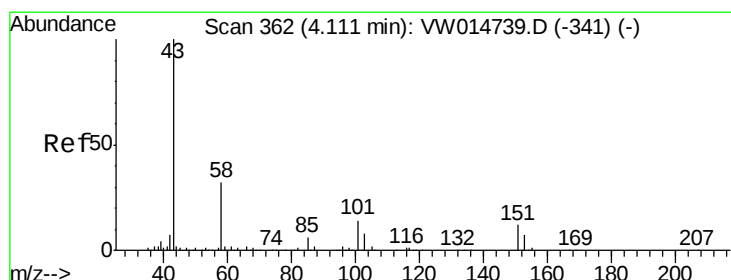
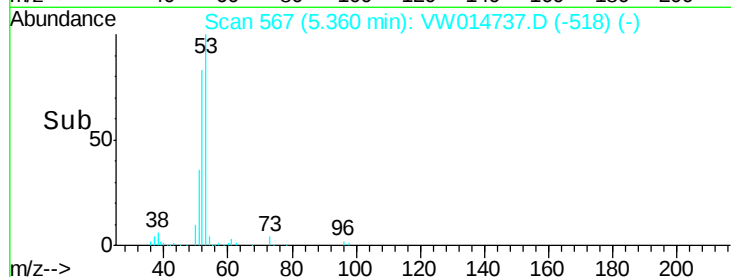
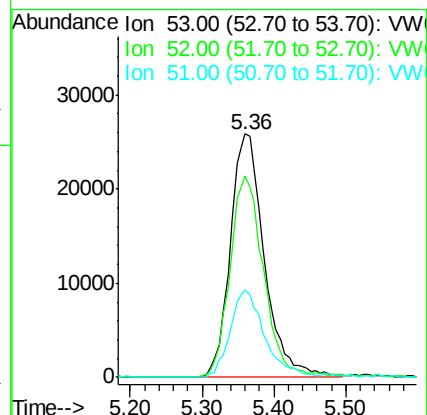
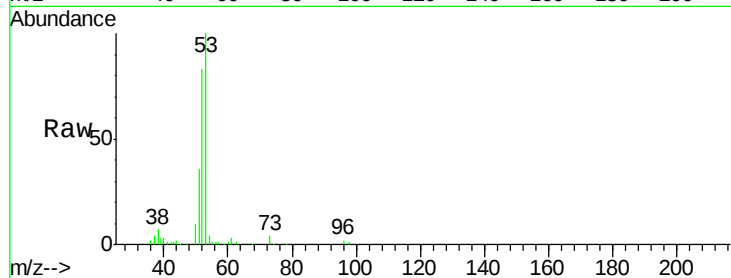
Tgt Ion: 53 Resp: 84806

Ion Ratio Lower Upper

53 100

52 81.7 66.0 99.0

51 36.2 28.6 43.0



#16

Acetone

Concen: 50.05 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

Lab File: VW014737.D

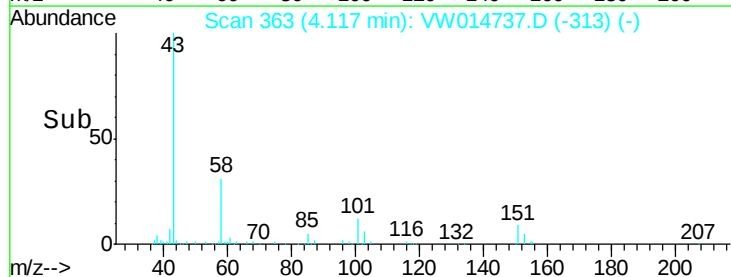
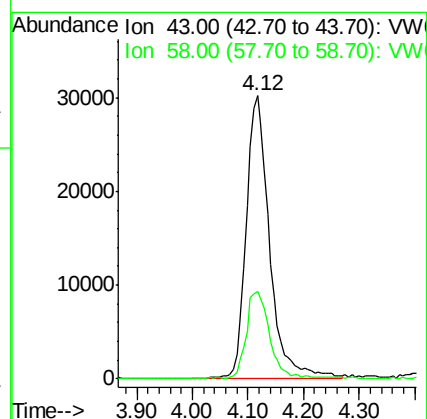
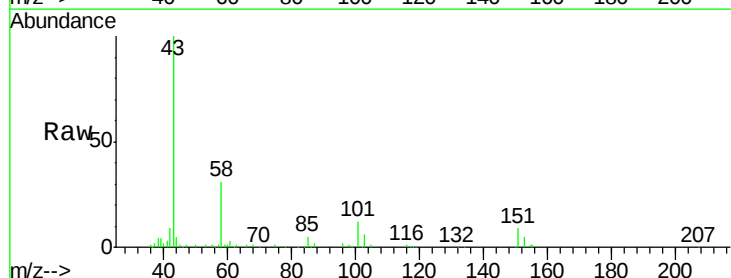
Acq: 24 Jan 2020 10:59

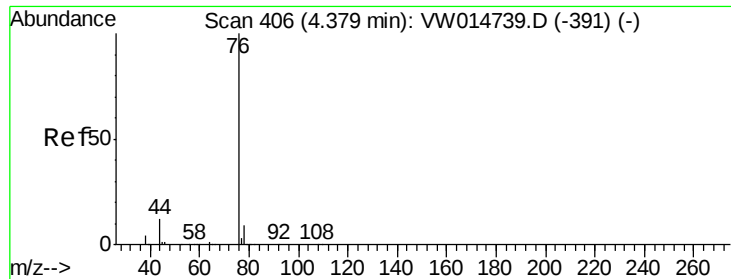
Tgt Ion: 43 Resp: 88491

Ion Ratio Lower Upper

43 100

58 31.1 25.6 38.4

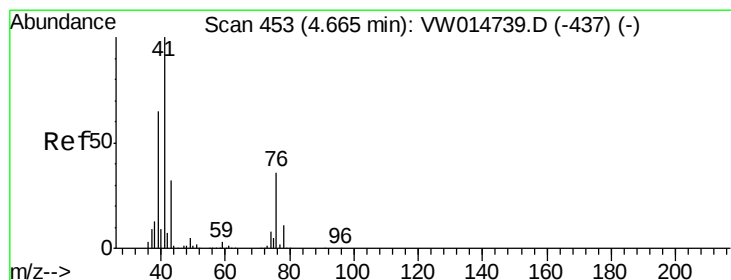
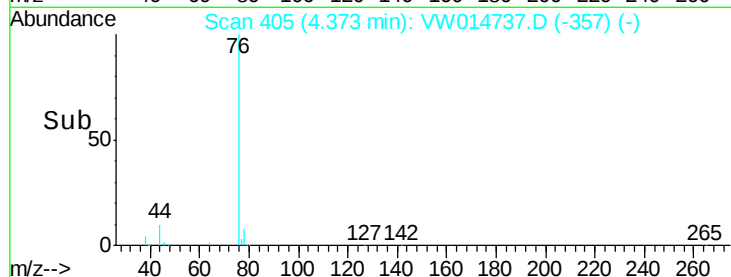
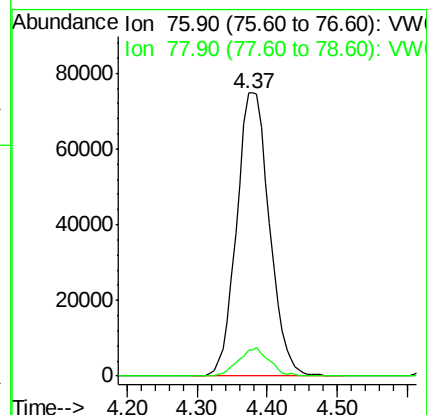
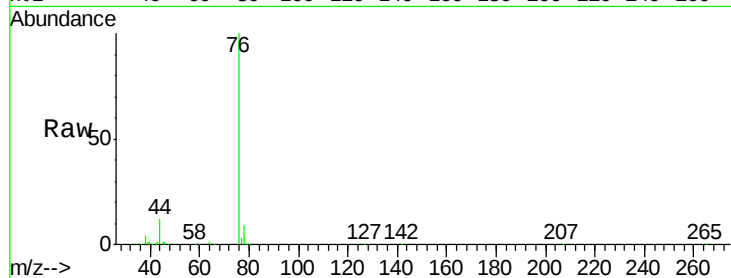




#17
Carbon Disulfide
Concen: 10.92 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

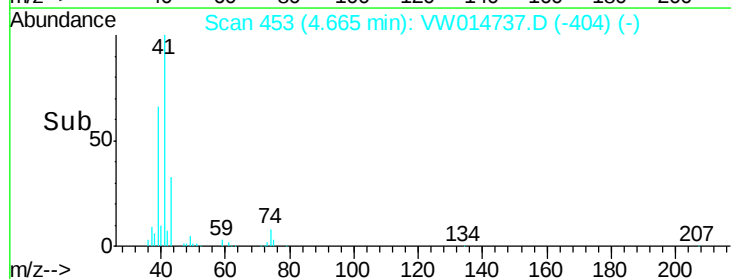
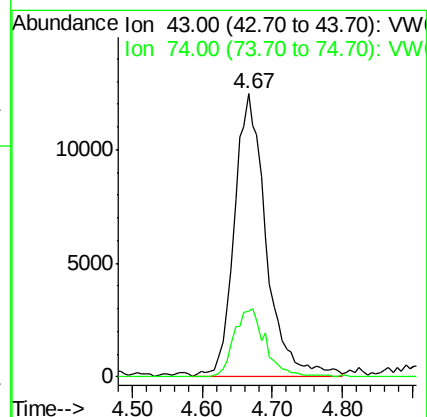
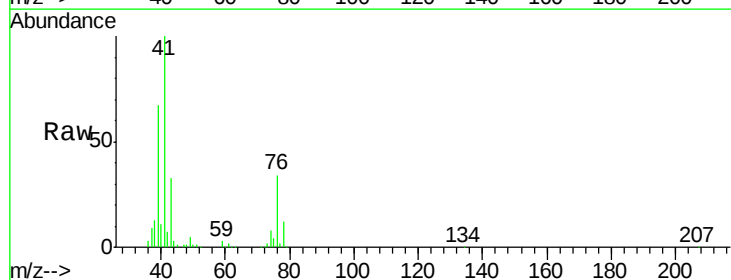
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

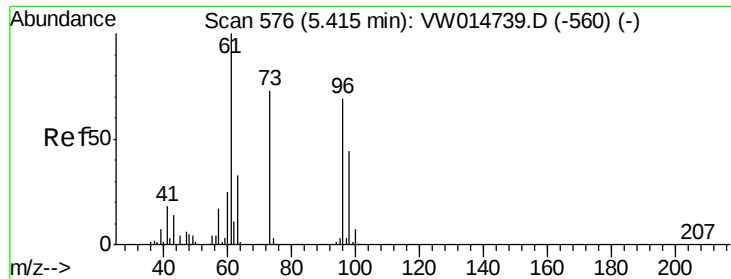
Tgt Ion: 76 Resp: 243668
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 9.39 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 43 Resp: 39581
Ion Ratio Lower Upper
43 100
74 23.7 18.4 27.6

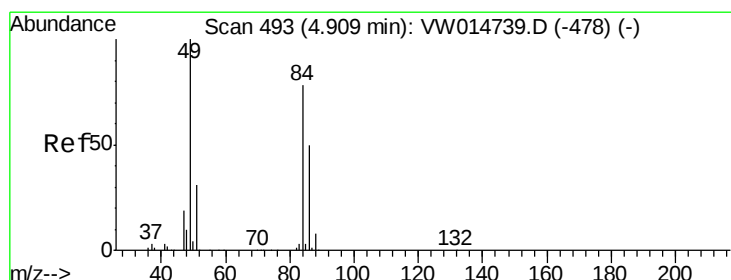
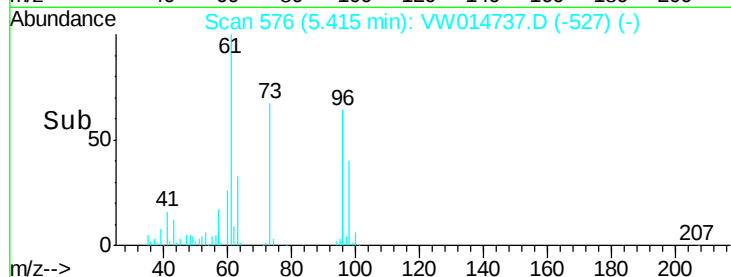
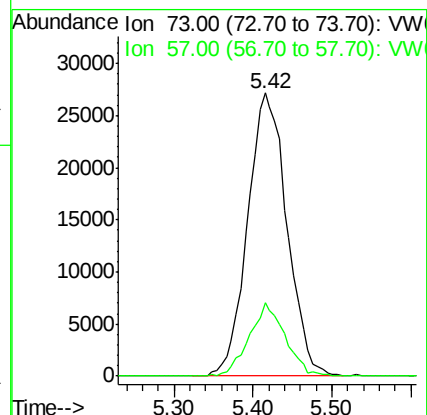
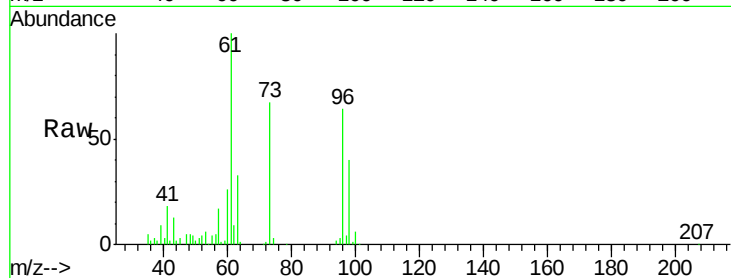




#19
Methyl tert-butyl Ether
Concen: 10.32 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

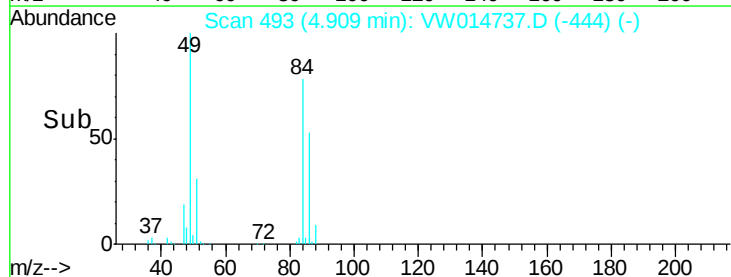
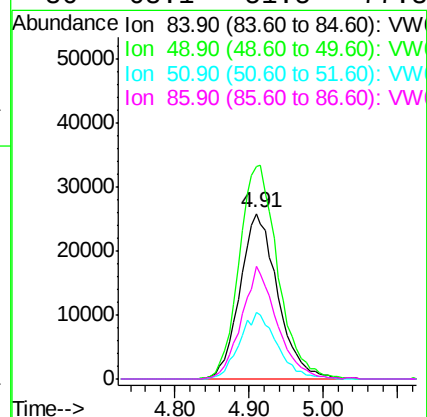
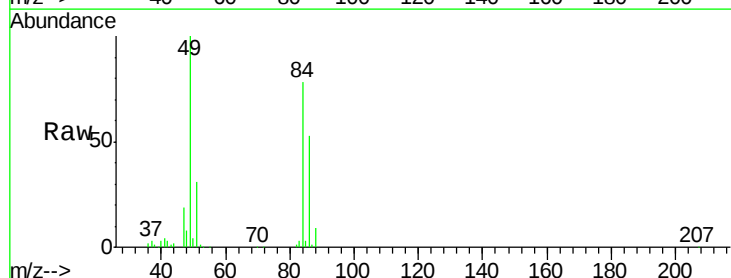
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

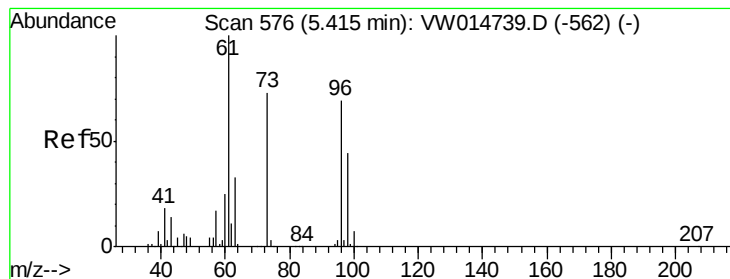
Tgt Ion: 73 Resp: 93815
Ion Ratio Lower Upper
73 100
57 25.8 18.5 27.7



#20
Methylene Chloride
Concen: 10.92 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 84 Resp: 92136
Ion Ratio Lower Upper
84 100
49 128.2 103.1 154.7
51 40.1 32.1 48.1
86 68.1 51.5 77.3





#21

trans-1,2-Dichloroethene

Concen: 10.63 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

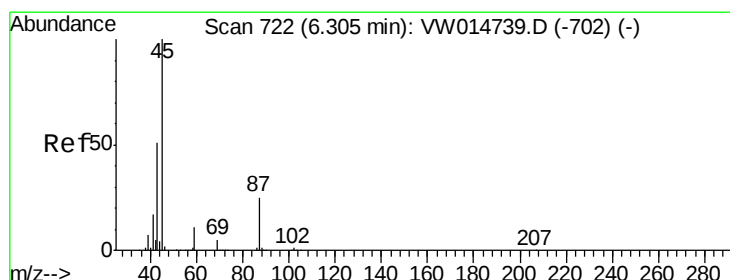
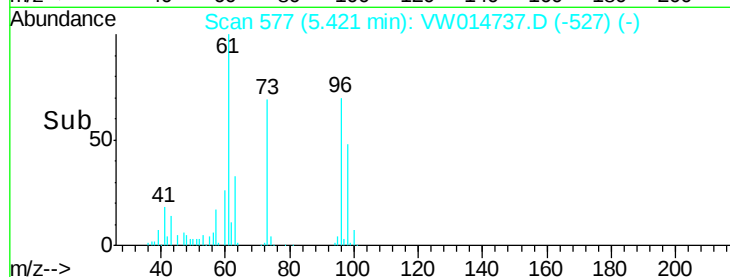
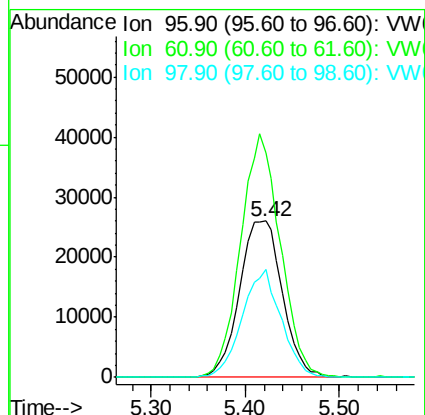
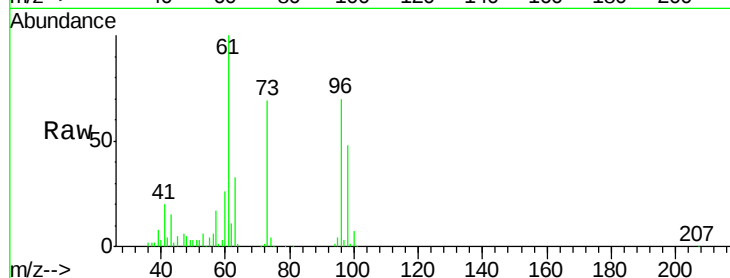
Tgt Ion: 96 Resp: 82829

Ion Ratio Lower Upper

96 100

61 143.4 116.1 174.1

98 69.0 51.6 77.4



#22

Diisopropyl ether

Concen: 11.01 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Tgt Ion: 45 Resp: 234190

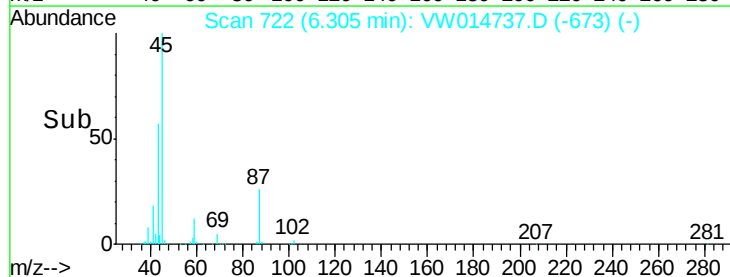
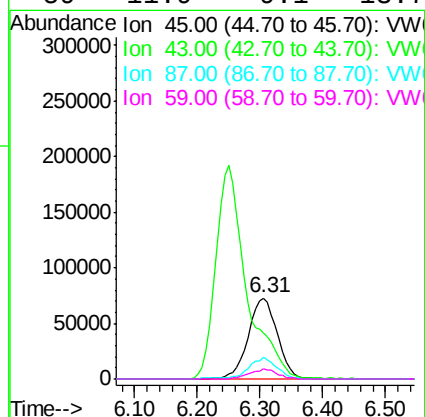
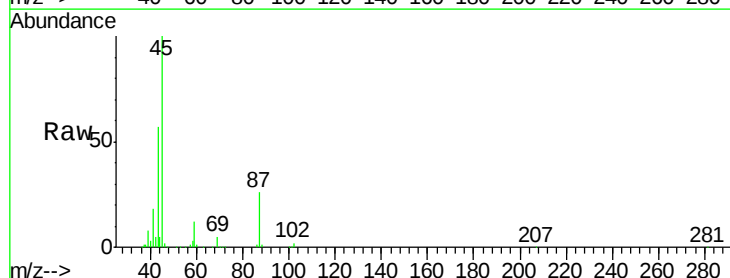
Ion Ratio Lower Upper

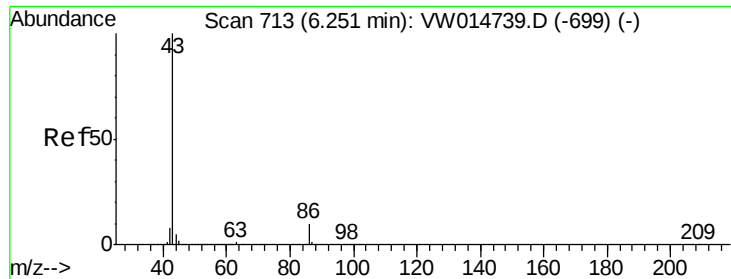
45 100

43 55.8 40.9 61.3

87 26.2 20.3 30.5

59 11.9 9.1 13.7





#23

Vinyl Acetate

Concen: 51.25 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

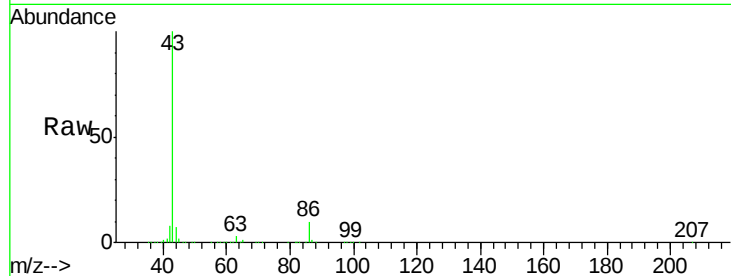
VSTDIC010

Tgt Ion: 43 Resp: 649493

Ion Ratio Lower Upper

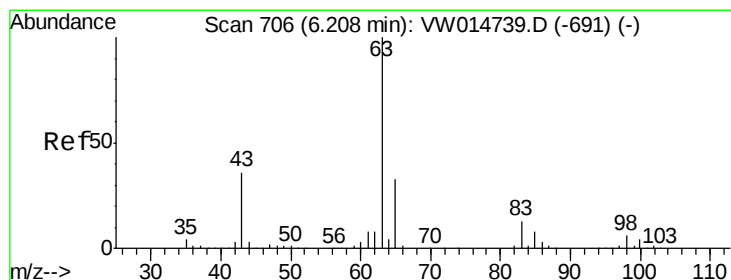
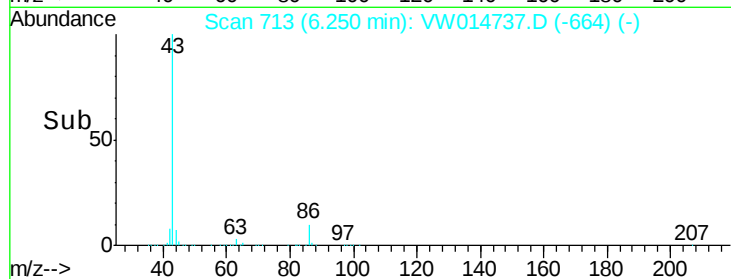
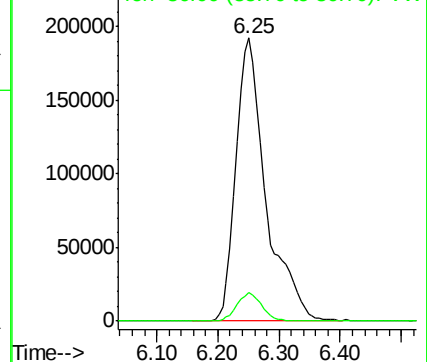
43 100

86 10.1 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 10.92 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

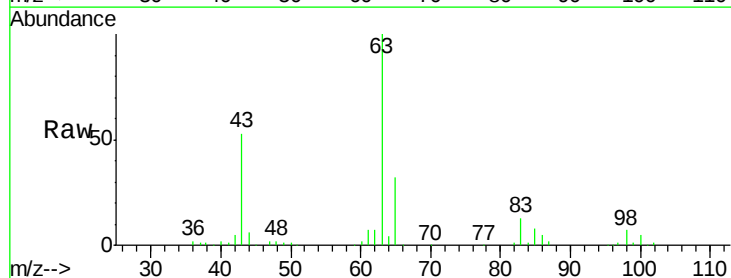
Tgt Ion: 63 Resp: 145613

Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

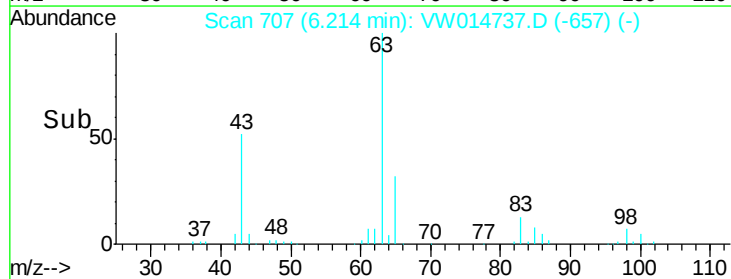
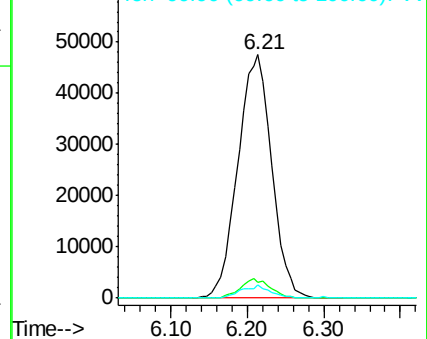
100 5.2 2.1 6.5

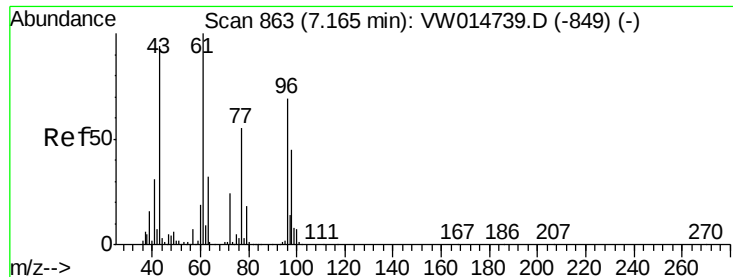


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 49.25 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

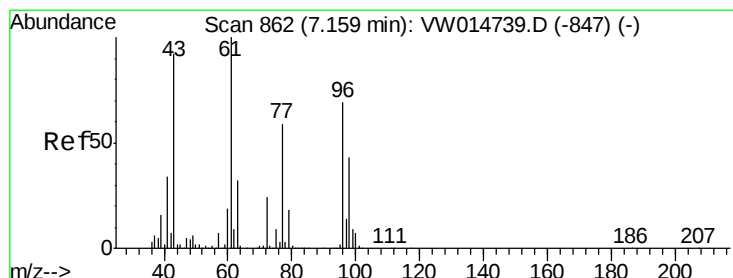
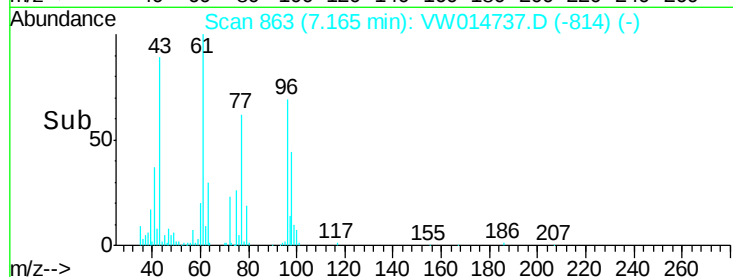
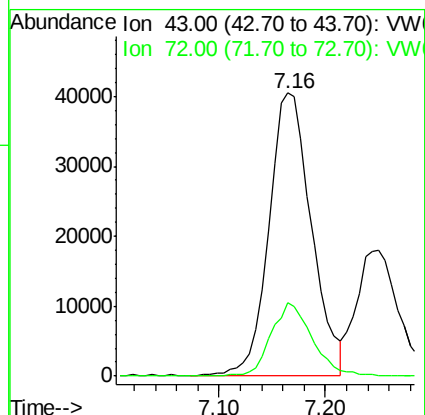
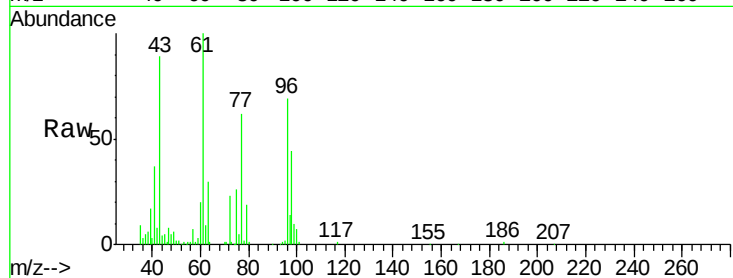
VSTDIC010

Tgt Ion: 43 Resp: 111903

Ion Ratio Lower Upper

43 100

72 25.8 20.2 30.4



#26

2,2-Dichloropropane

Concen: 11.63 ug/l

RT: 7.16 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW014737.D

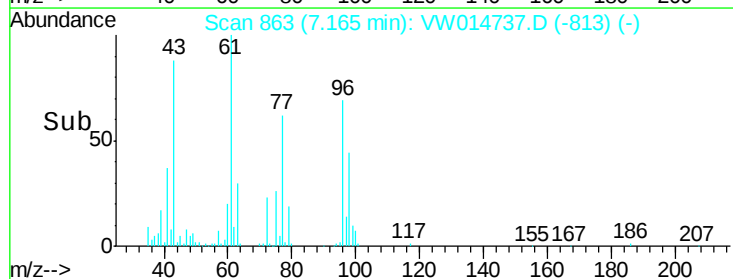
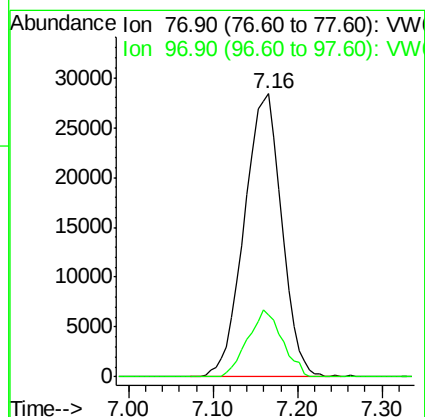
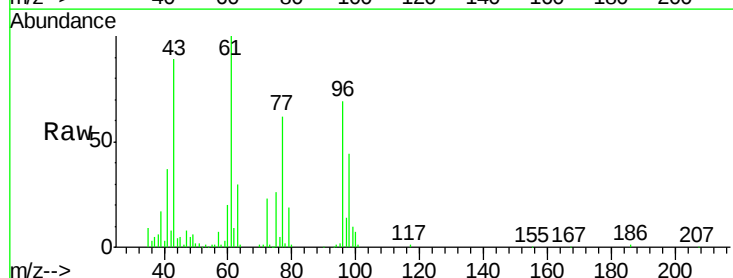
Acq: 24 Jan 2020 10:59

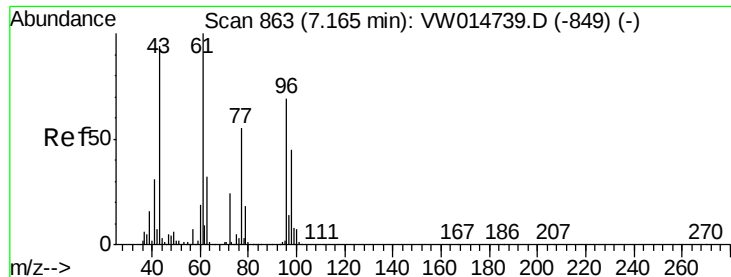
Tgt Ion: 77 Resp: 85943

Ion Ratio Lower Upper

77 100

97 22.0 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 10.04 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

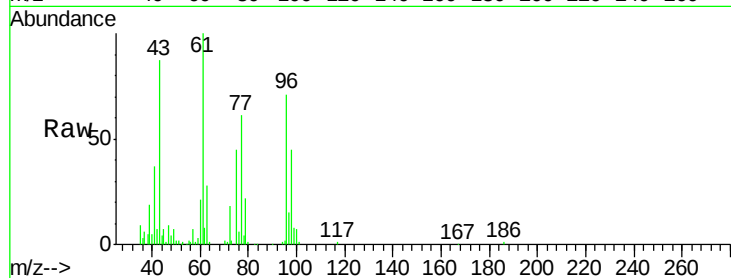
Tgt Ion: 96 Resp: 82047

Ion Ratio Lower Upper

96 100

61 156.2 0.0 292.2

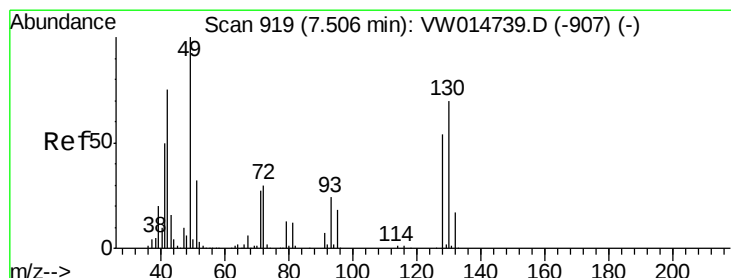
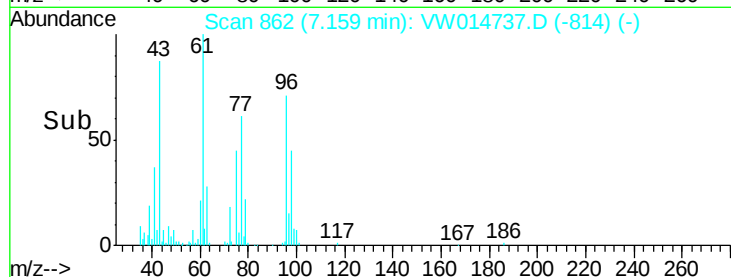
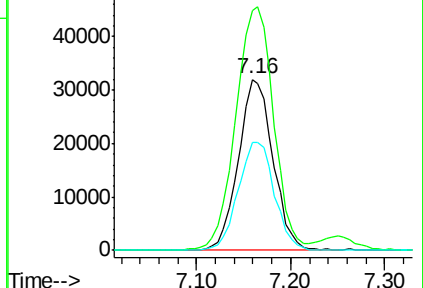
98 66.2 0.0 127.6



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



#28

Bromochloromethane

Concen: 10.24 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

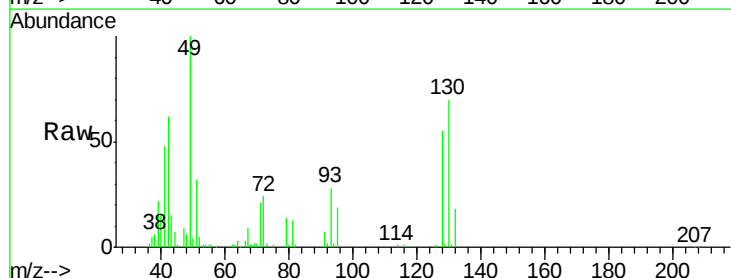
Tgt Ion: 49 Resp: 53031

Ion Ratio Lower Upper

49 100

129 2.1 0.0 2.6

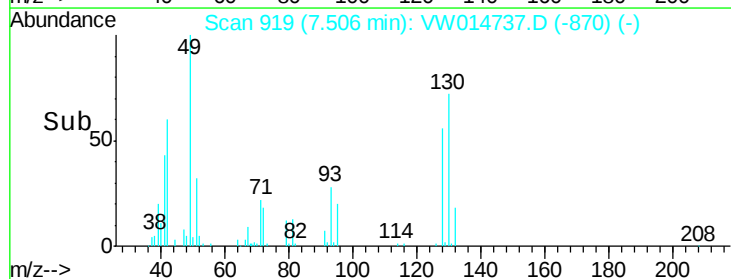
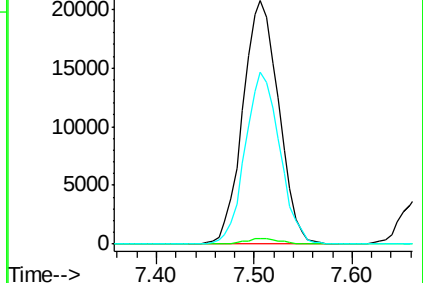
130 68.0 56.7 85.1

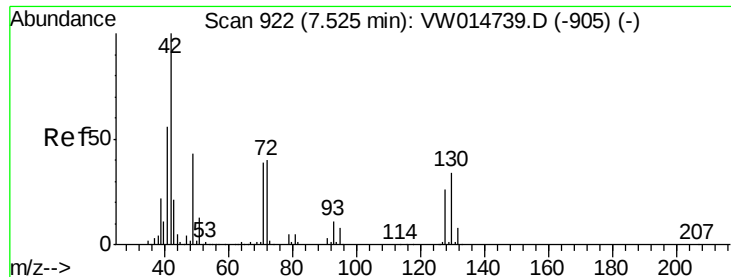


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

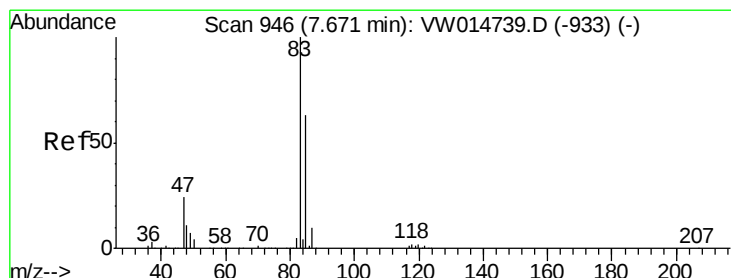
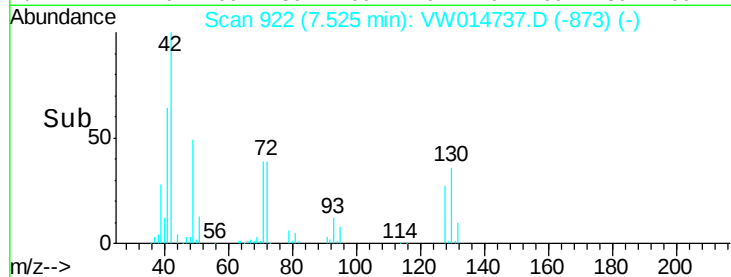
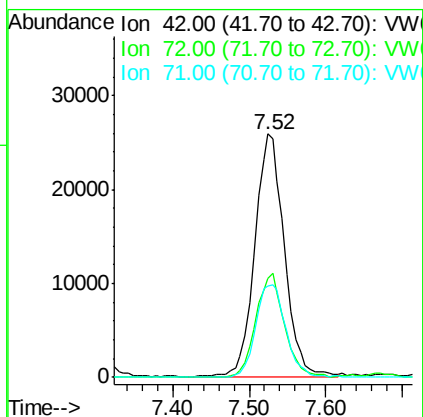
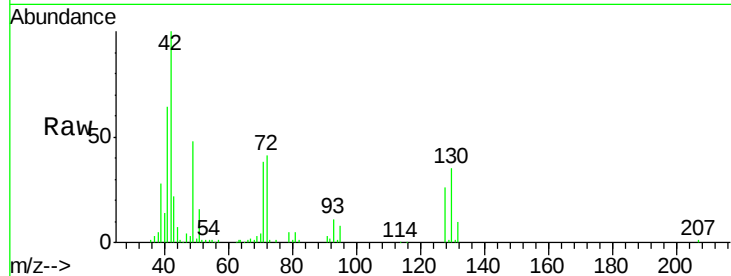




#29
Tetrahydrofuran
Concen: 49.71 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

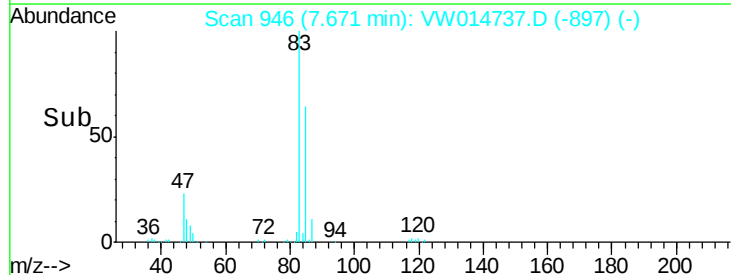
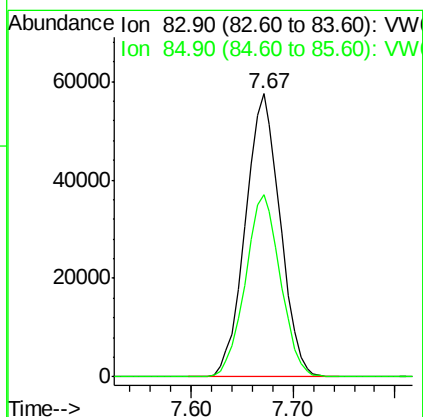
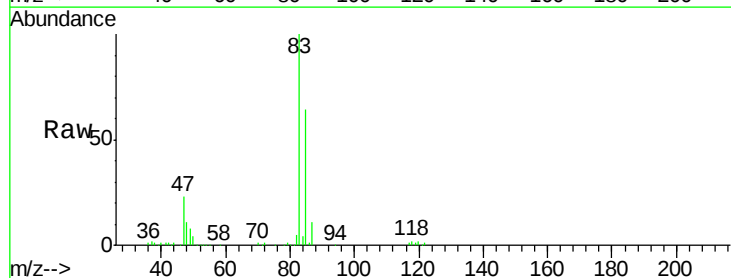
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

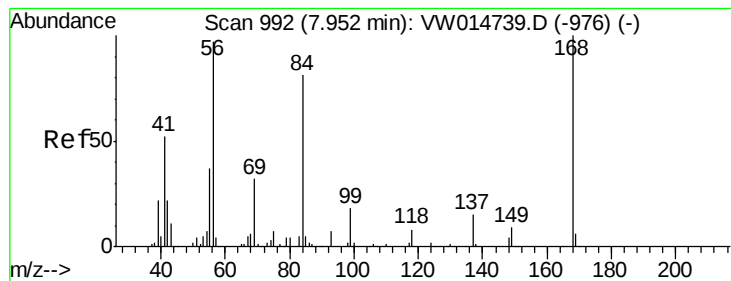
Tgt Ion: 42 Resp: 70342
Ion Ratio Lower Upper
42 100
72 40.8 32.3 48.5
71 38.8 31.0 46.4



#30
Chloroform
Concen: 10.96 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 83 Resp: 136497
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1





#31

Cyclohexane

Concen: 11.26 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

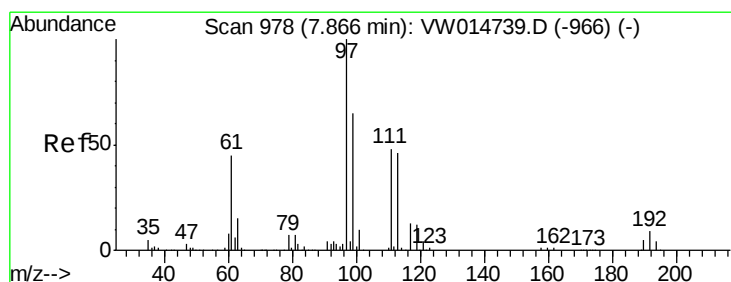
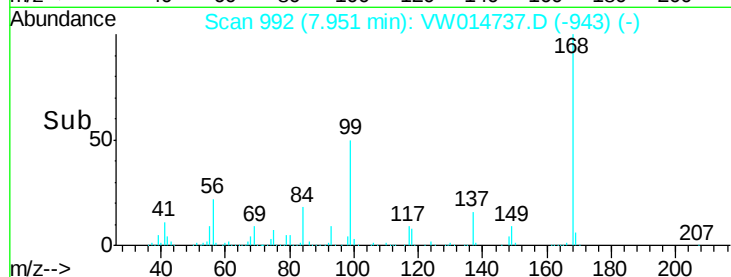
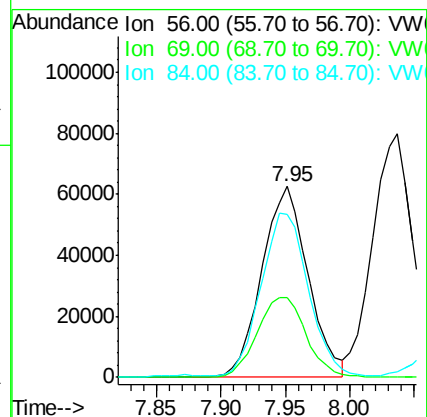
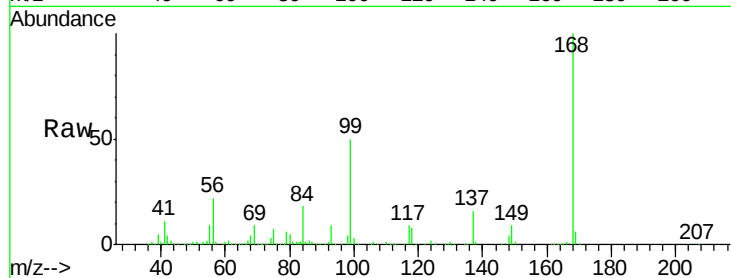
Tgt Ion: 56 Resp: 155743

Ion Ratio Lower Upper

56 100

69 41.6 26.0 39.0#

84 84.4 66.6 99.8



#32

1,1,1-Trichloroethane

Concen: 11.08 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

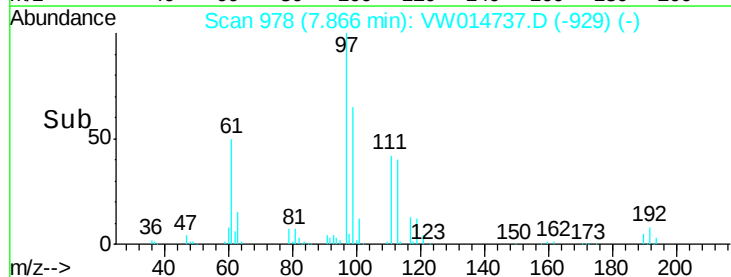
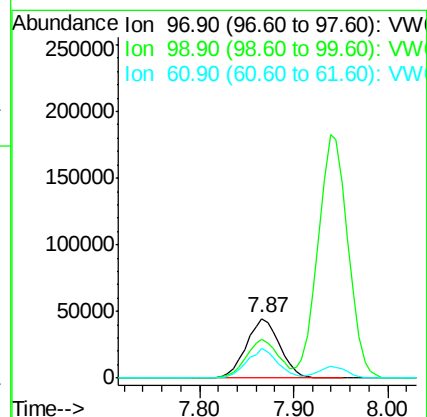
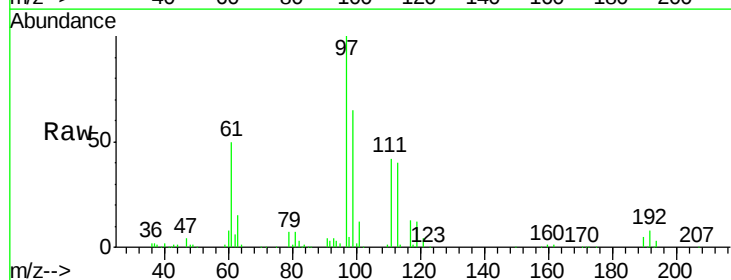
Tgt Ion: 97 Resp: 110846

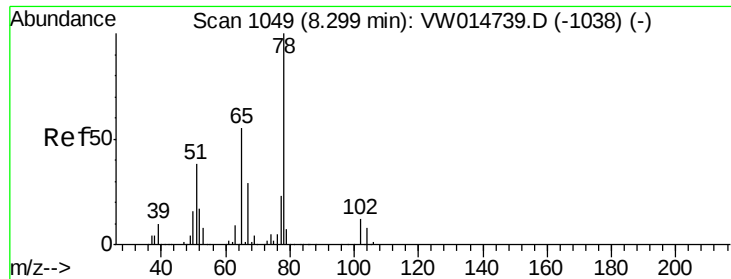
Ion Ratio Lower Upper

97 100

99 63.1 52.2 78.4

61 46.2 36.2 54.4

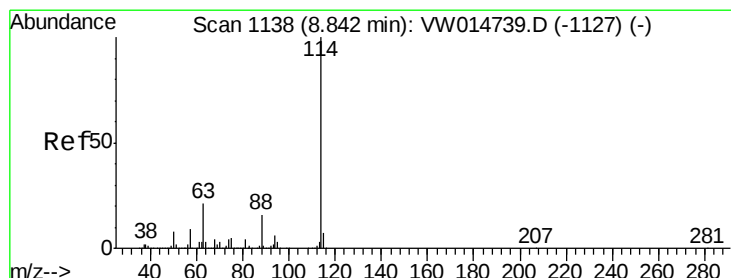
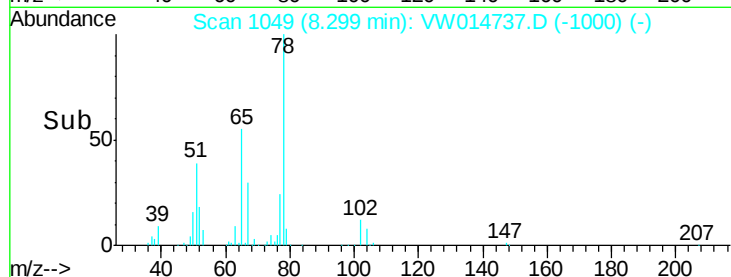
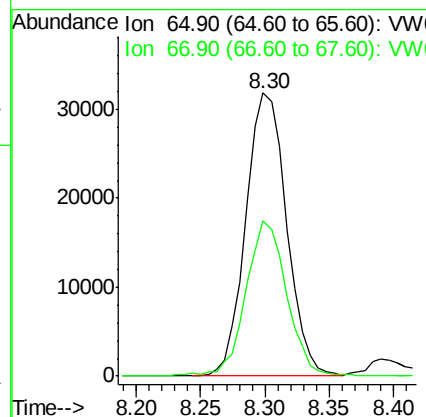
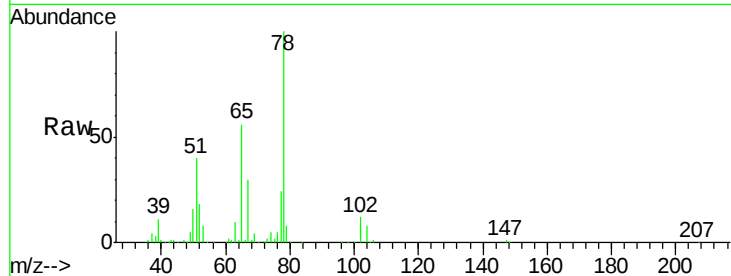




#33
 1,2-Dichloroethane-d4
 Concen: 10.77 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

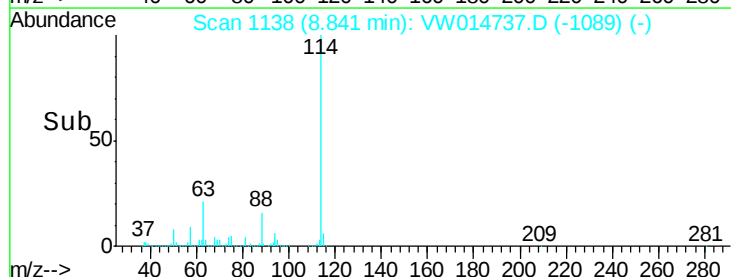
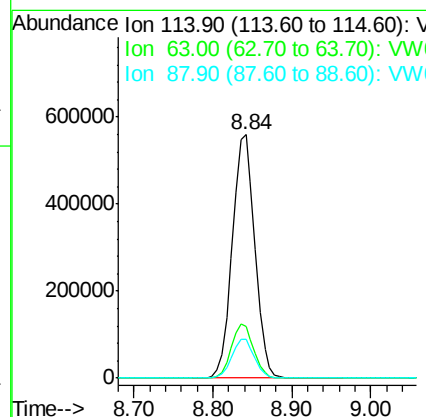
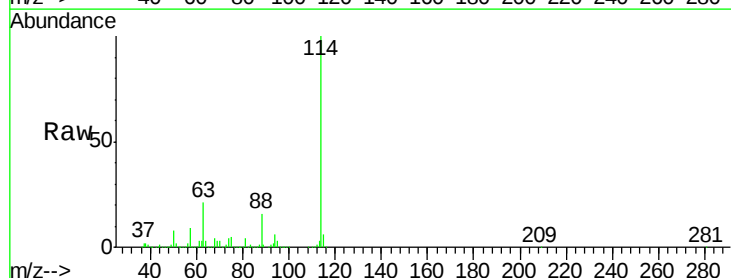
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

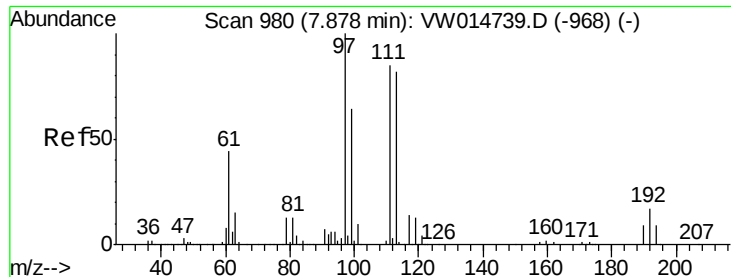
Tgt Ion: 65 Resp: 69799
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion: 114 Resp: 1109890
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.2
 88 15.9 0.0 32.2

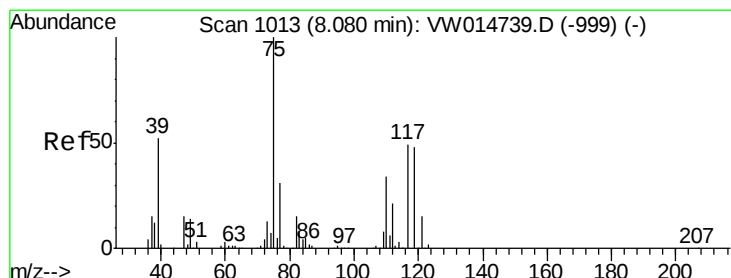
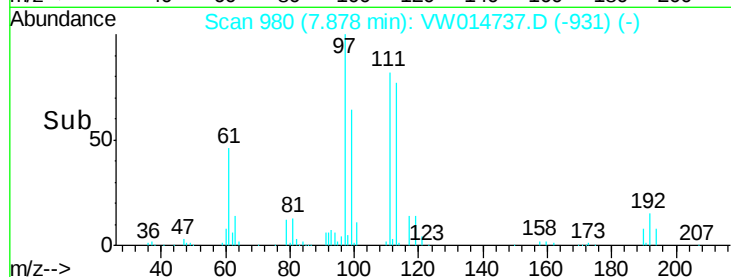
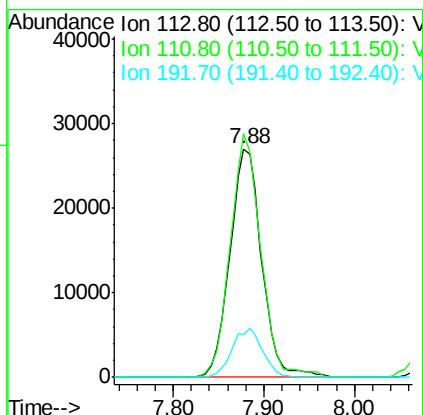
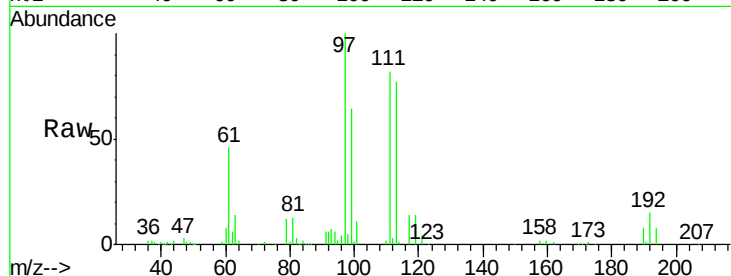




#35
 Dibromofluoromethane
 Concen: 10.23 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

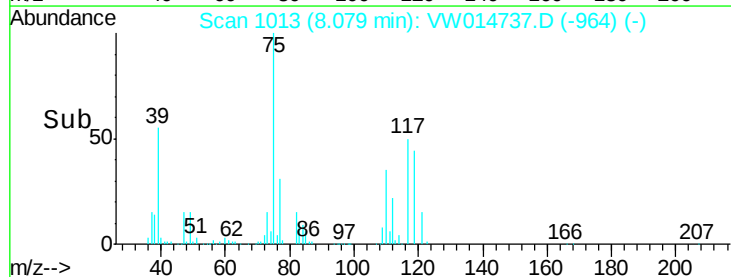
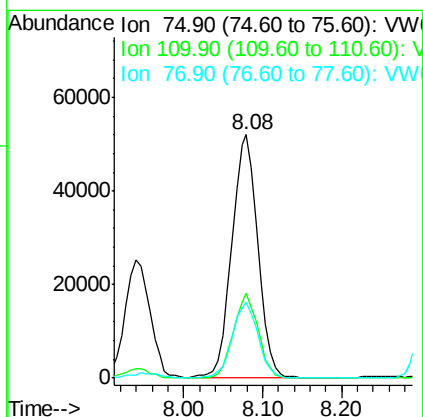
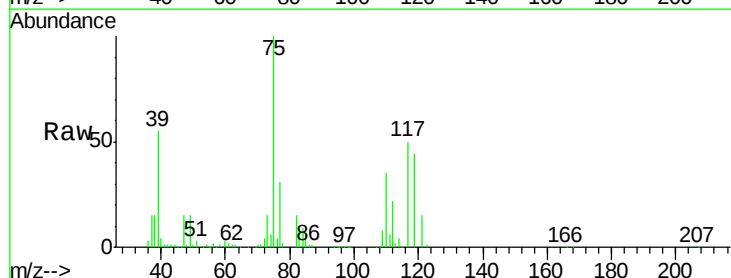
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

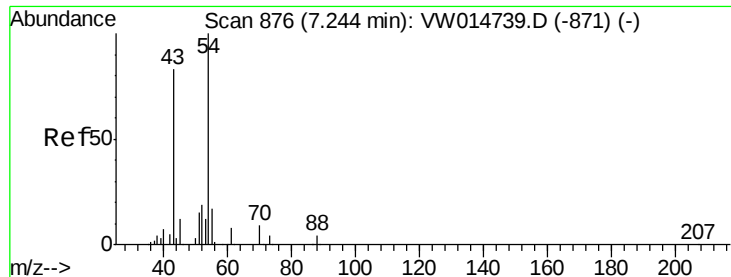
Tgt Ion: 113 Resp: 65471
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.2
 192 20.6 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 10.99 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion: 75 Resp: 119321
 Ion Ratio Lower Upper
 75 100
 110 33.0 17.1 51.2
 77 30.9 24.8 37.2

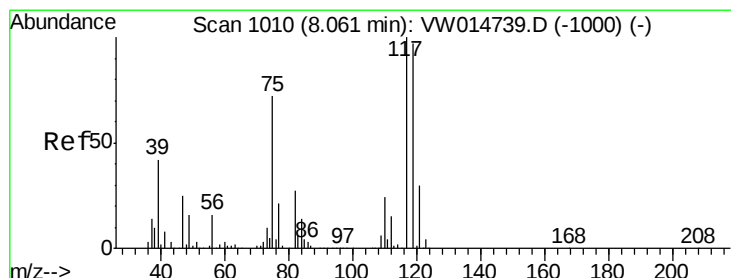
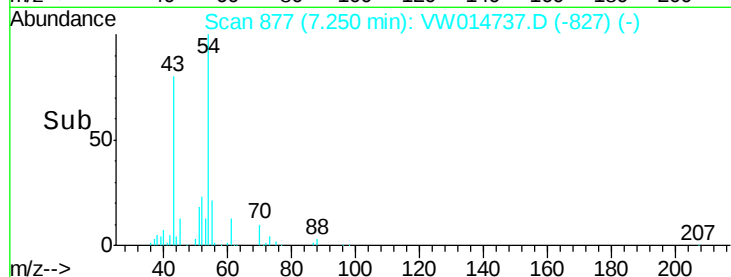
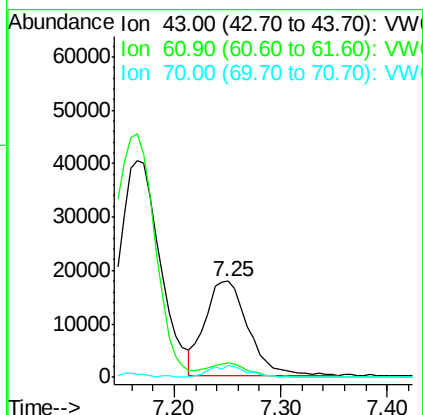
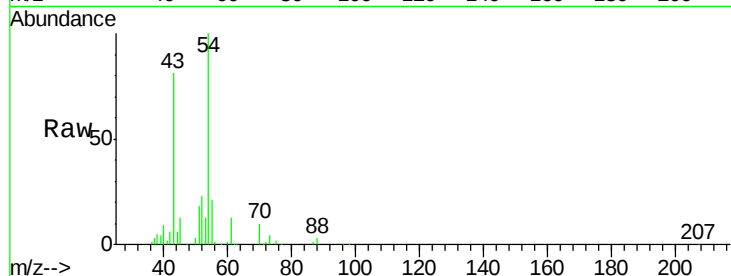




#37
Ethyl Acetate
Concen: 10.31 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

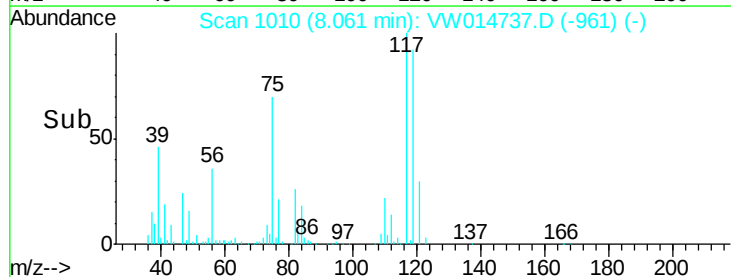
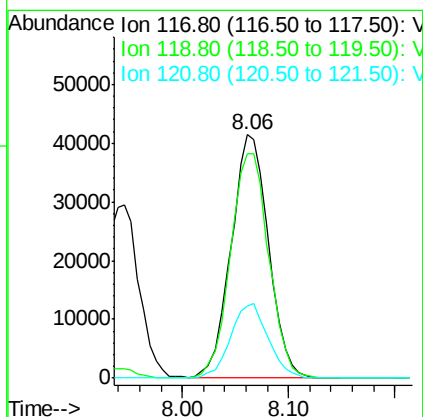
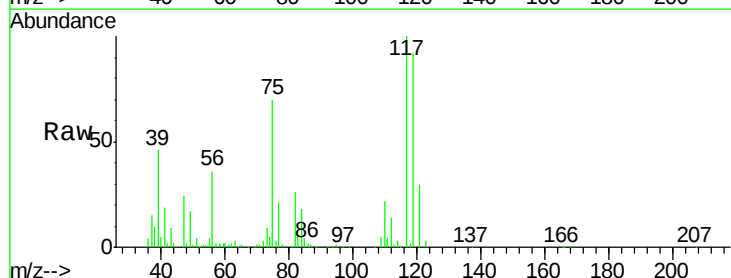
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

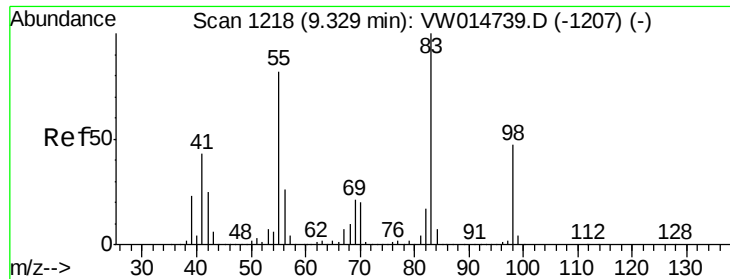
Tgt Ion: 43 Resp: 49516
Ion Ratio Lower Upper
43 100
61 14.6 10.7 16.1
70 10.2 8.5 12.7



#38
Carbon Tetrachloride
Concen: 10.85 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 117 Resp: 102111
Ion Ratio Lower Upper
117 100
119 92.1 77.5 116.3
121 29.6 24.3 36.5

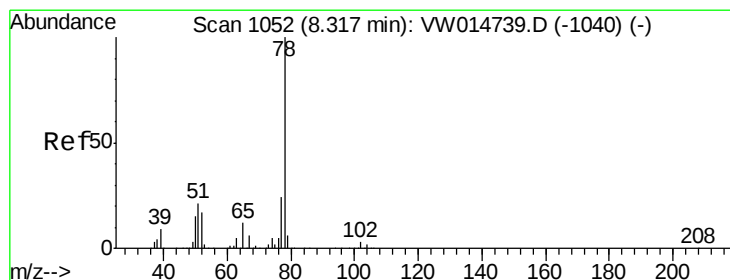
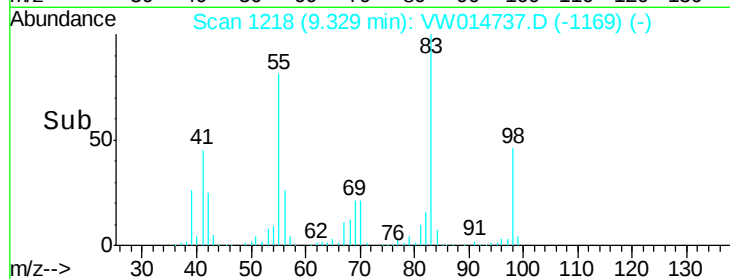
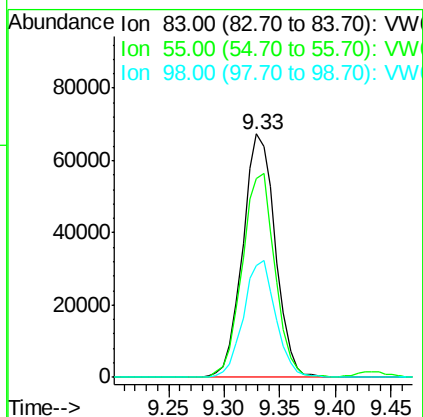
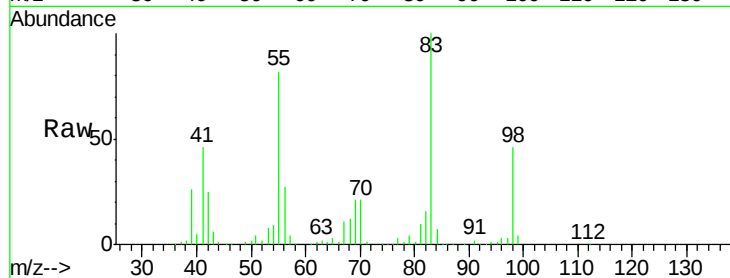




#39
Methylcyclohexane
Concen: 9.93 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

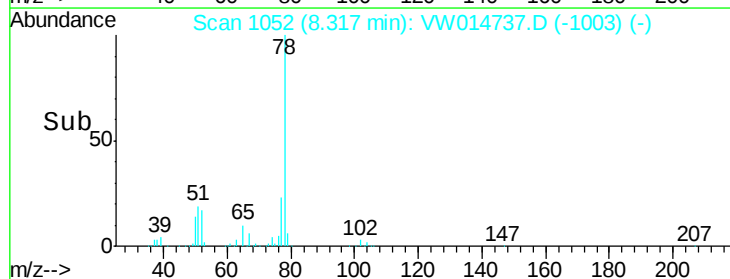
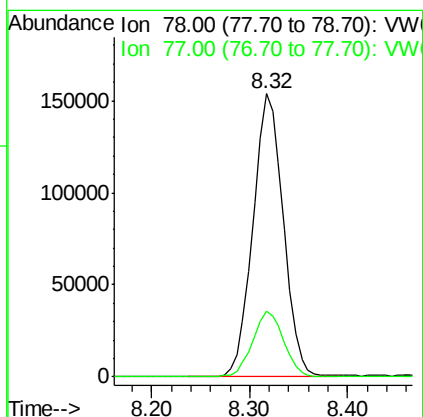
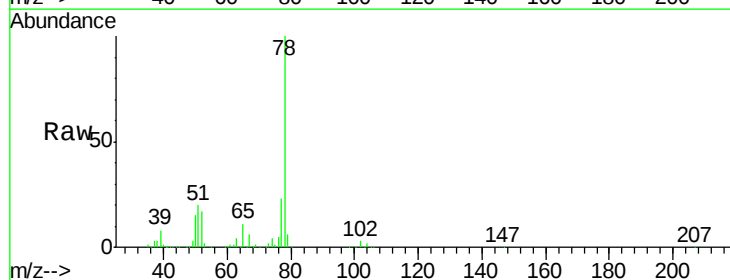
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

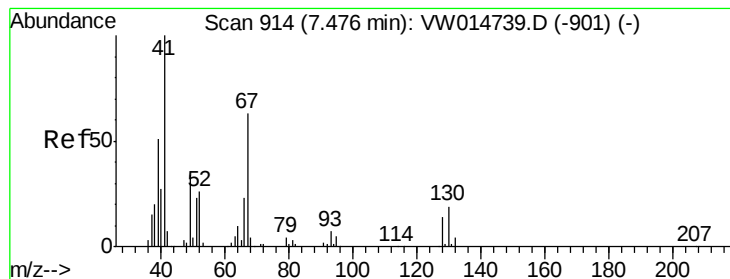
Tgt Ion: 83 Resp: 137194
Ion Ratio Lower Upper
83 100
55 81.6 65.2 97.8
98 46.2 37.6 56.4



#40
Benzene
Concen: 10.89 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 78 Resp: 334439
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7





#41

Methacrylonitrile

Concen: 9.52 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 41 Resp: 25661

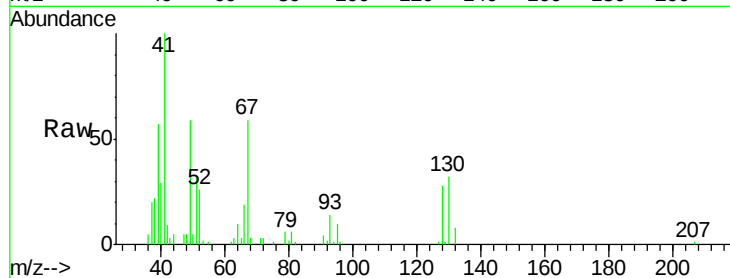
Ion Ratio Lower Upper

41 100

39 64.8 45.3 67.9

67 72.8 57.0 85.4

52 31.1 23.0 34.6

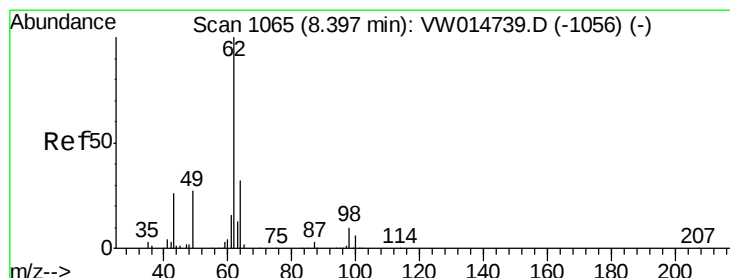
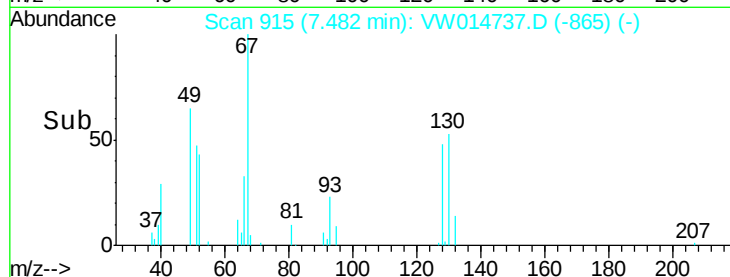
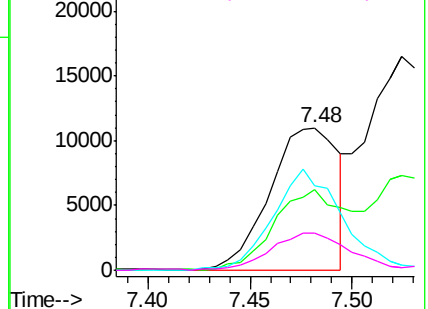


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42

1,2-Dichloroethane

Concen: 10.90 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW014737.D

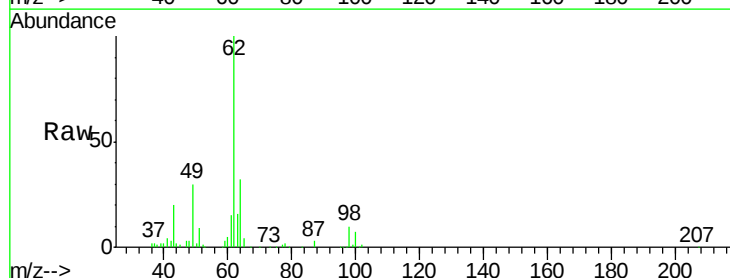
Acq: 24 Jan 2020 10:59

Tgt Ion: 62 Resp: 87113

Ion Ratio Lower Upper

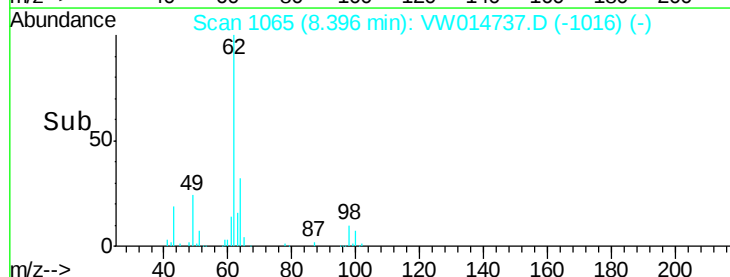
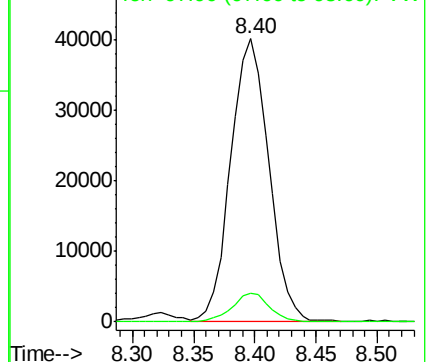
62 100

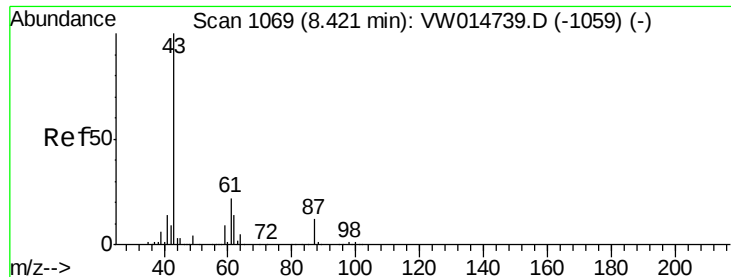
98 9.8 0.0 19.6



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW

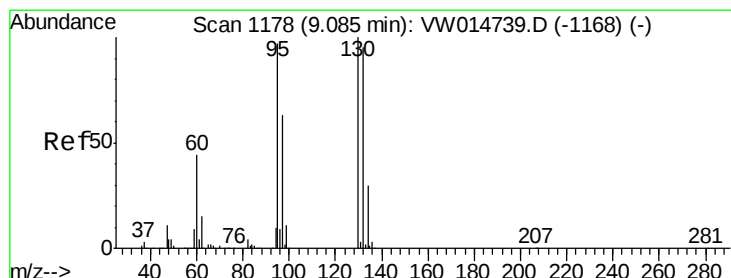
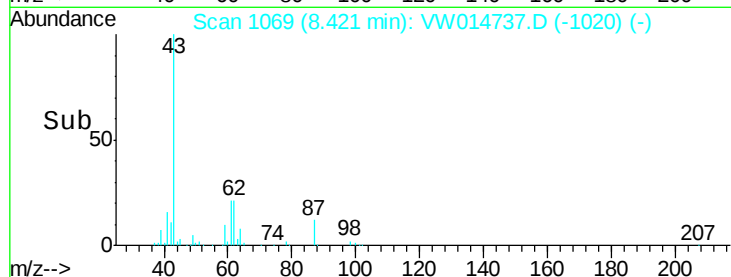
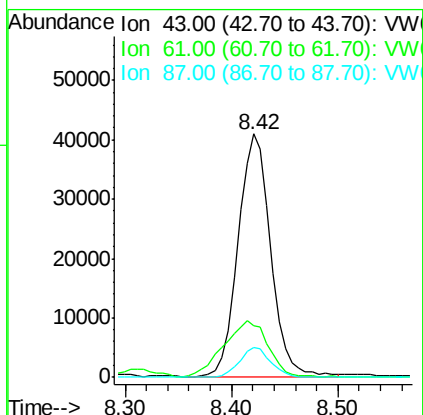
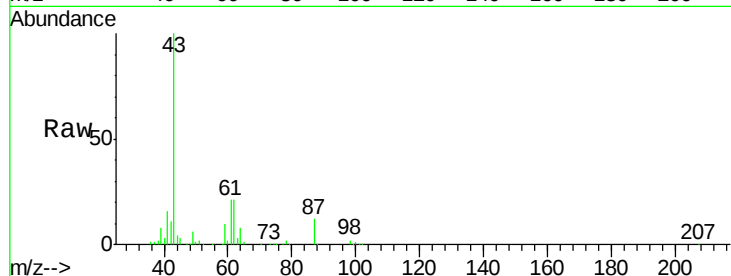




#43
Isopropyl Acetate
Concen: 10.01 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

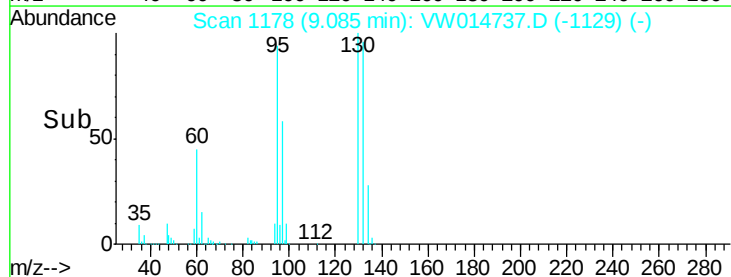
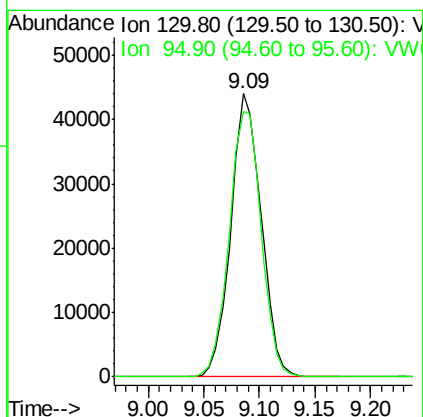
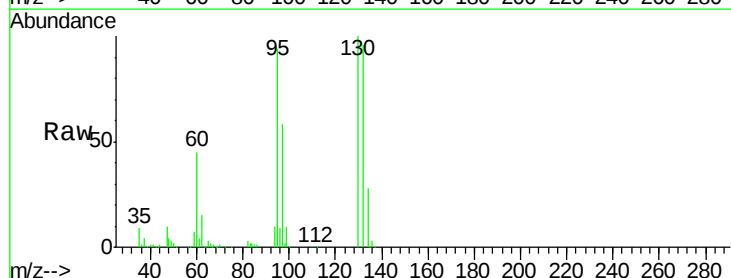
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

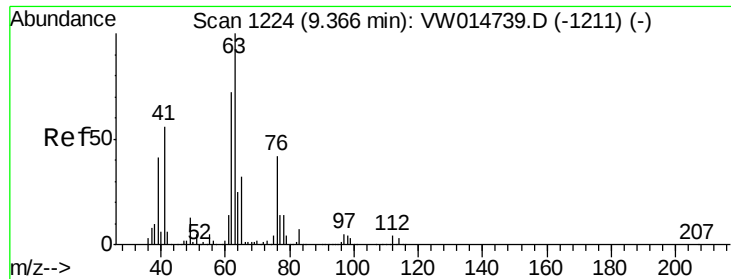
Tgt Ion: 43 Resp: 87911
Ion Ratio Lower Upper
43 100
61 31.0 24.4 36.6
87 12.0 9.8 14.6



#44
Trichloroethene
Concen: 10.10 ug/l
RT: 9.09 min Scan# 1178
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 130 Resp: 83154
Ion Ratio Lower Upper
130 100
95 93.9 0.0 193.2

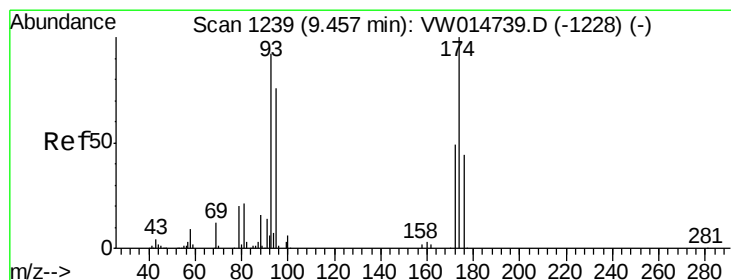
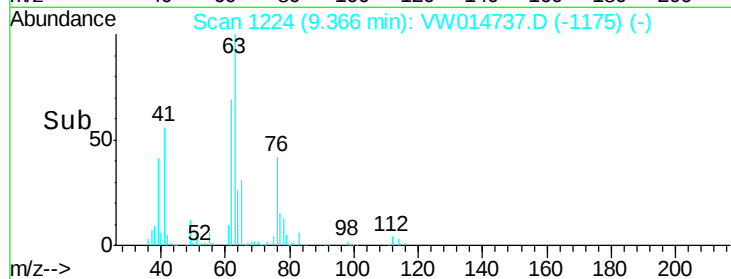
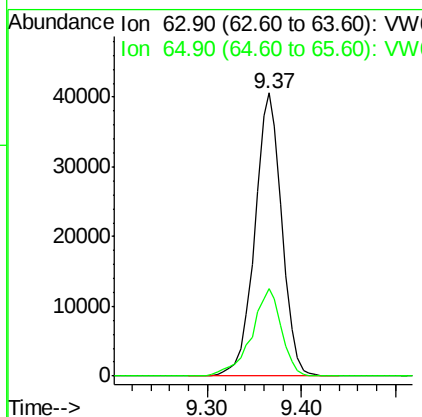
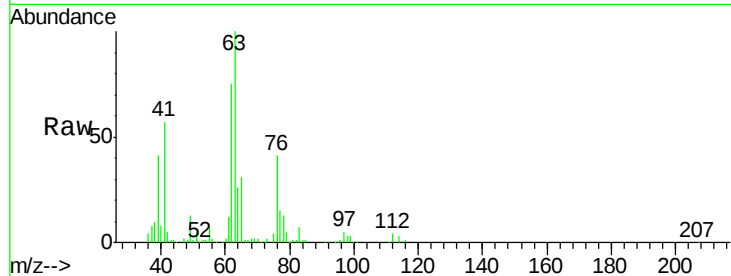




#45
 1,2-Dichloropropane
 Concen: 10.81 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

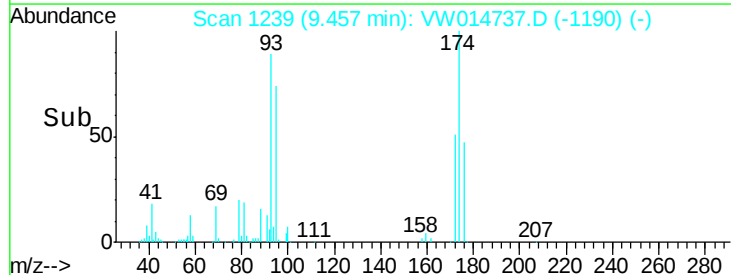
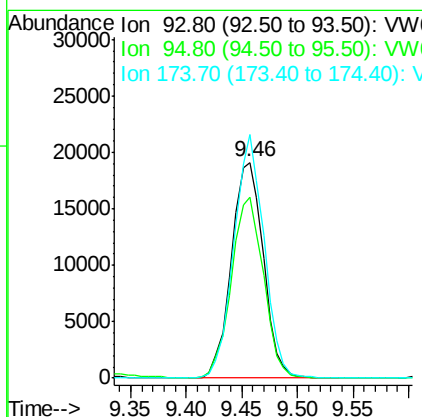
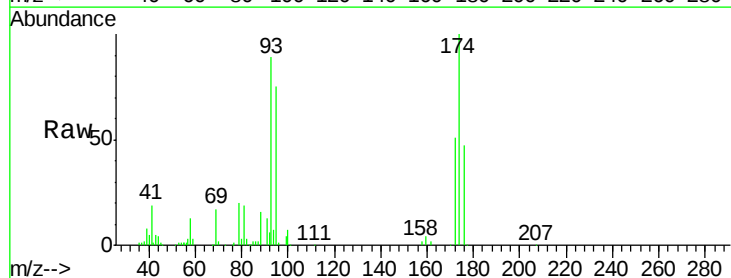
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

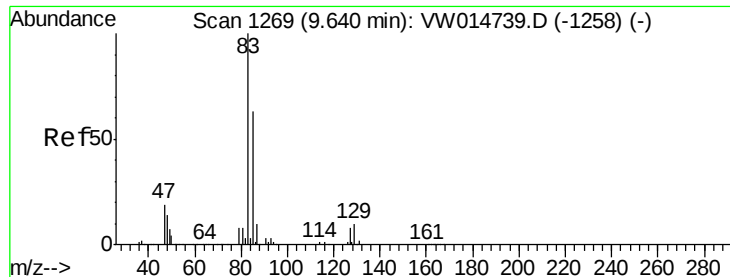
Tgt Ion: 63 Resp: 81561
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.3 37.9



#46
 Dibromomethane
 Concen: 10.32 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion: 93 Resp: 37871
 Ion Ratio Lower Upper
 93 100
 95 84.5 65.4 98.2
 174 106.9 84.2 126.2





#47

Bromodichloromethane

Concen: 10.42 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

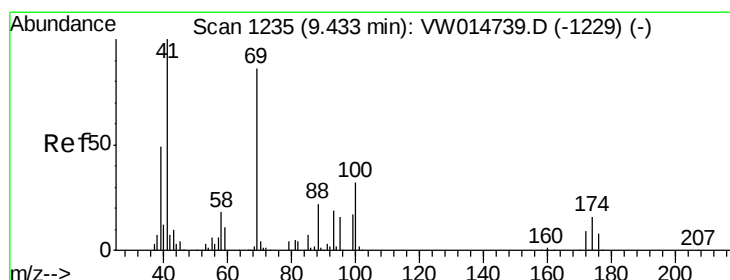
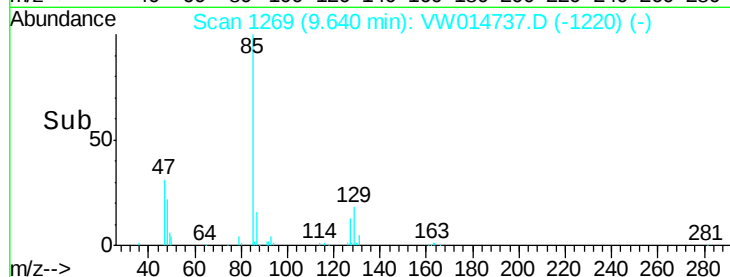
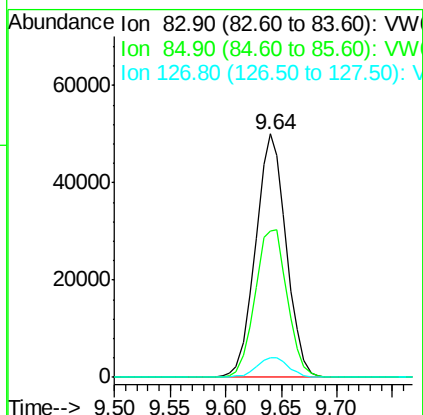
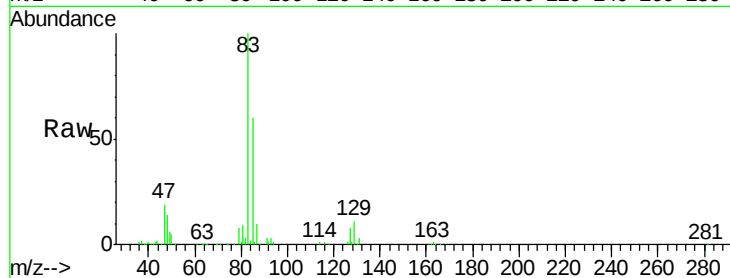
Tgt Ion: 83 Resp: 95719

Ion Ratio Lower Upper

83 100

85 60.3 50.1 75.1

127 7.8 6.5 9.7



#48

Methyl methacrylate

Concen: 8.99 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

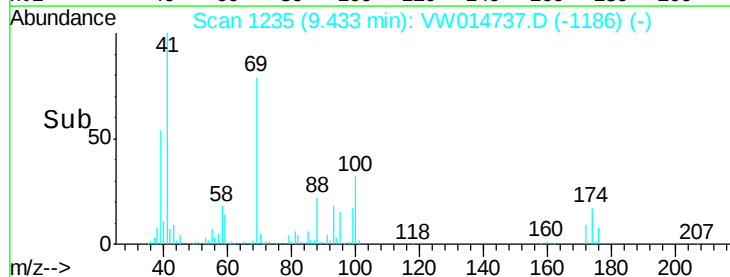
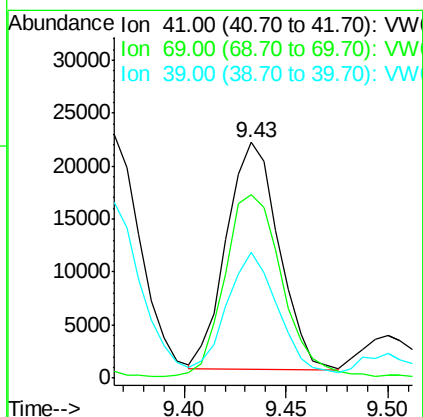
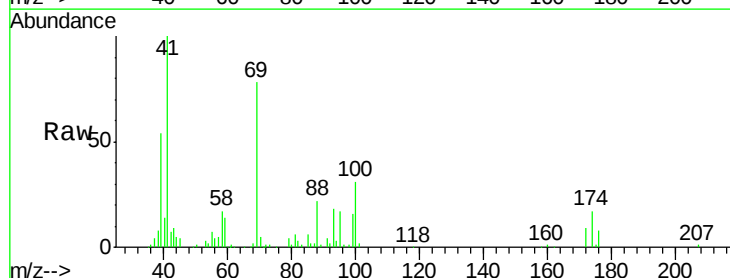
Tgt Ion: 41 Resp: 38172

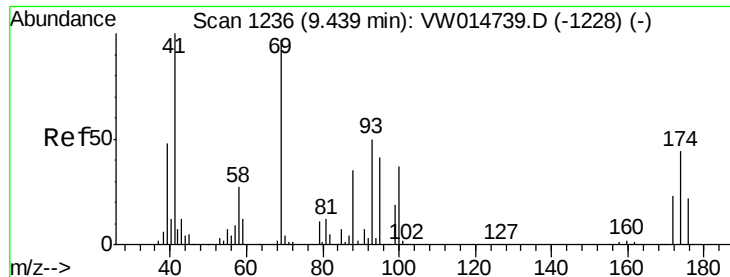
Ion Ratio Lower Upper

41 100

69 88.8 69.6 104.4

39 50.6 40.2 60.4





#49

1,4-Dioxane

Concen: 200.19 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

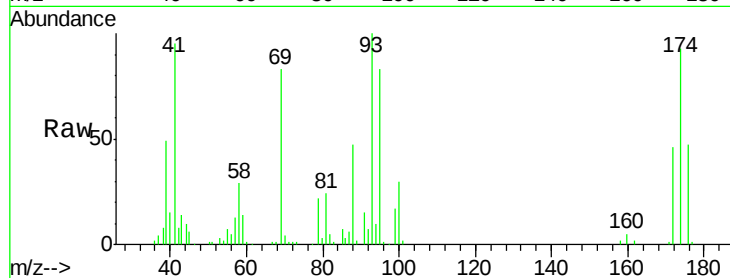
Tgt Ion: 88 Resp: 13450

Ion Ratio Lower Upper

88 100

43 33.5 27.1 40.7

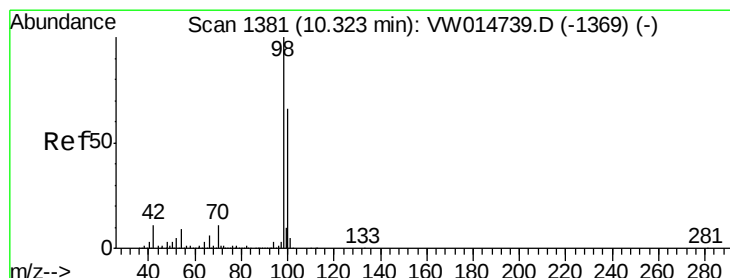
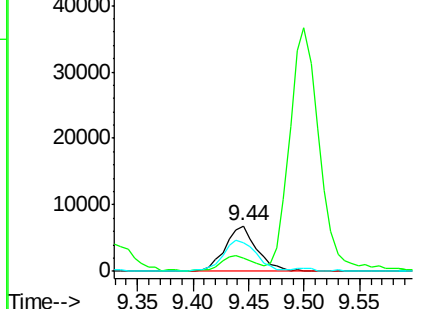
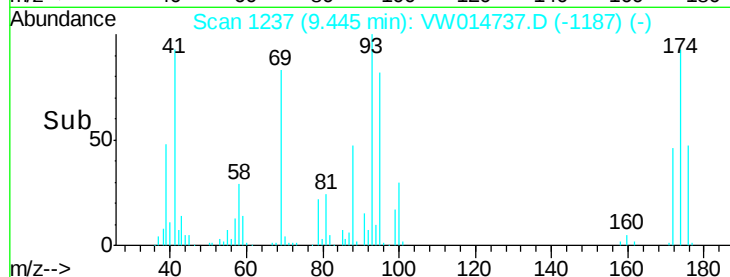
58 73.3 58.7 88.1



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 10.02 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW014737.D

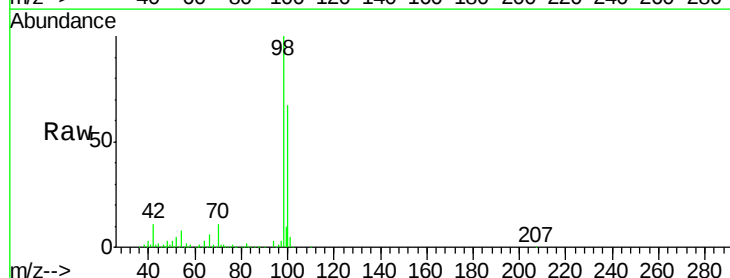
Acq: 24 Jan 2020 10:59

Tgt Ion: 98 Resp: 268256

Ion Ratio Lower Upper

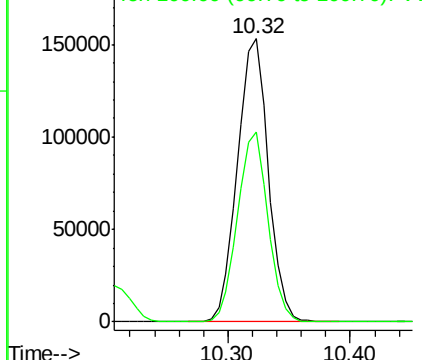
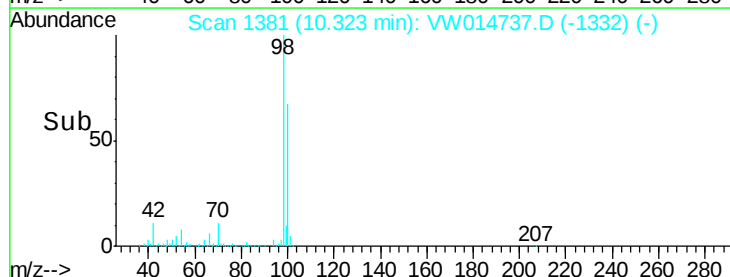
98 100

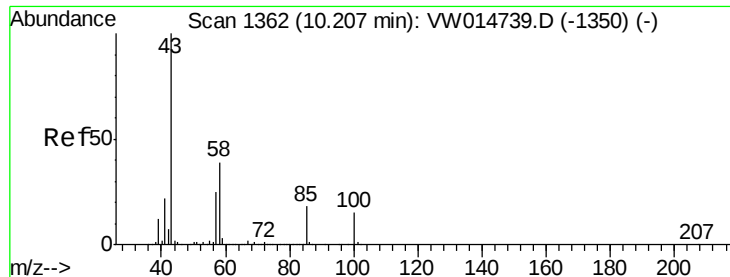
100 66.1 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 50.25 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

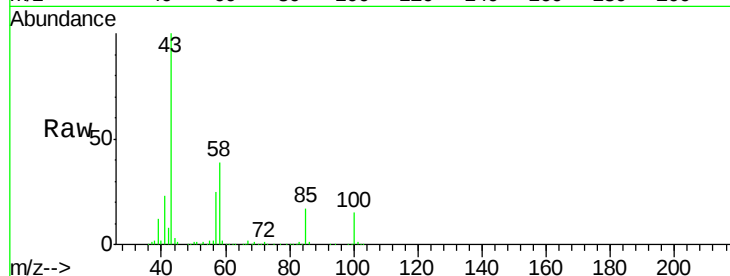
VSTDIC010

Tgt Ion: 43 Resp: 228222

Ion Ratio Lower Upper

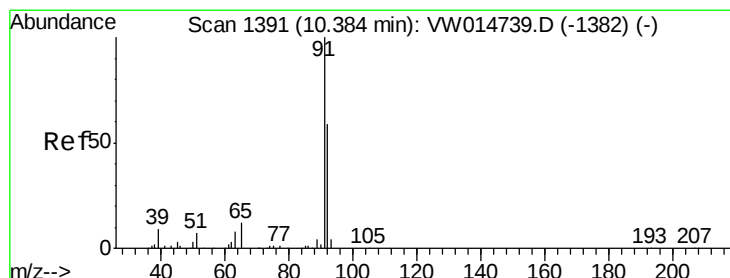
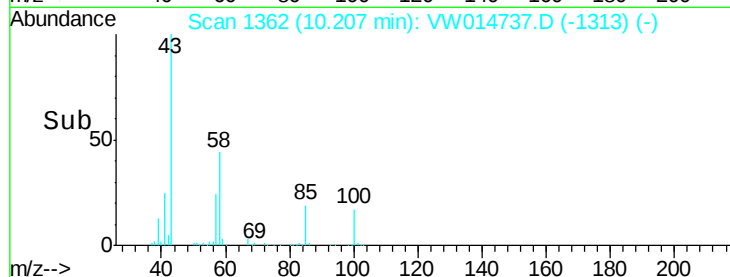
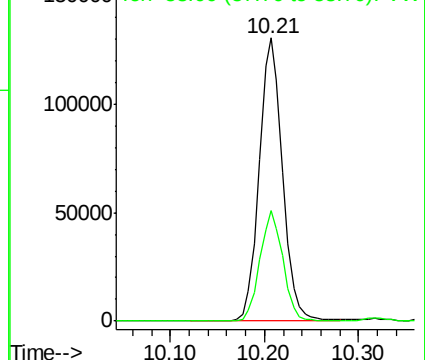
43 100

58 38.6 31.4 47.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 10.44 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW014737.D

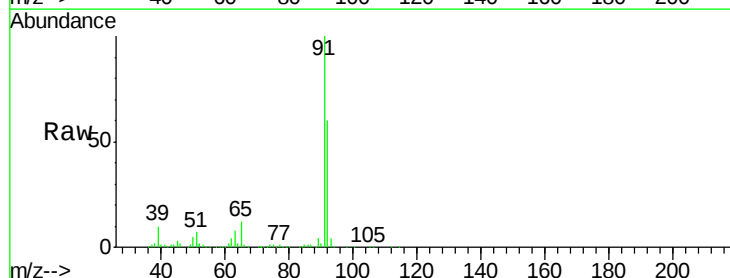
Acq: 24 Jan 2020 10:59

Tgt Ion: 92 Resp: 200381

Ion Ratio Lower Upper

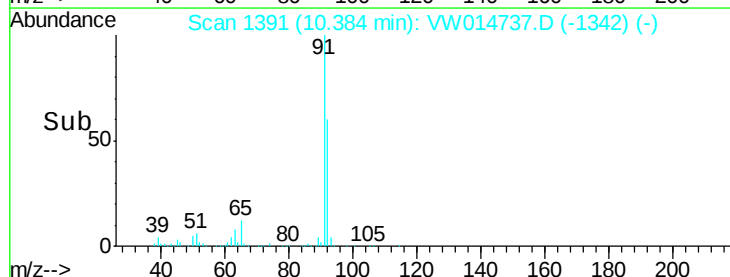
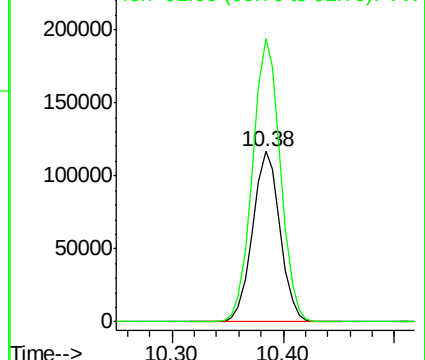
92 100

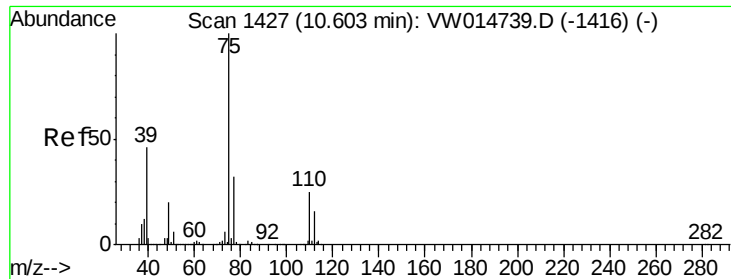
91 168.9 135.8 203.8



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 9.87 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

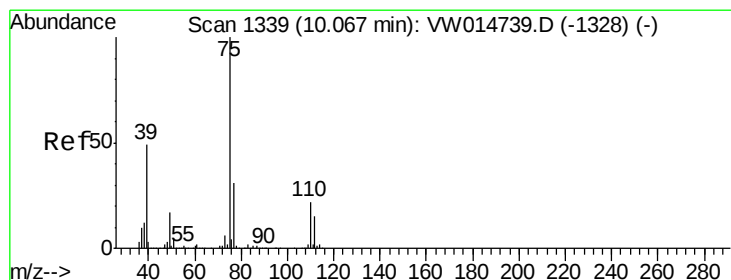
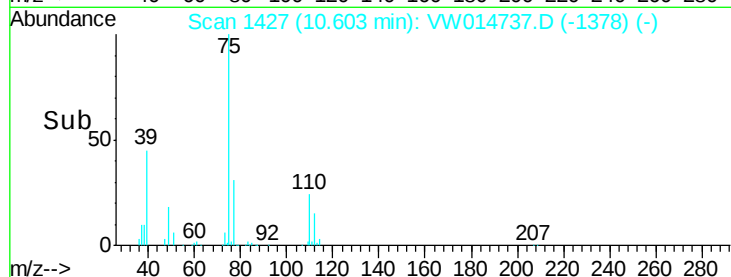
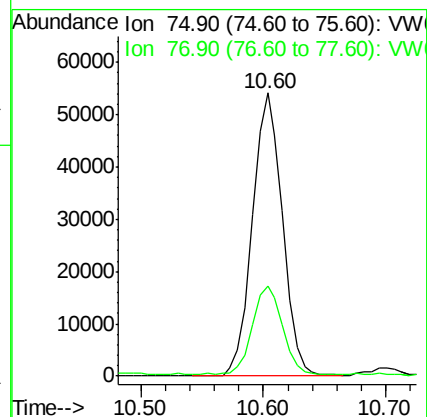
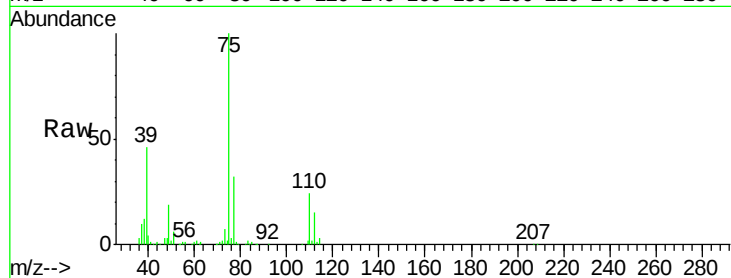
VSTDIC010

Tgt Ion: 75 Resp: 92784

Ion Ratio Lower Upper

75 100

77 31.1 25.7 38.5



#54

cis-1,3-Dichloropropene

Concen: 9.80 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

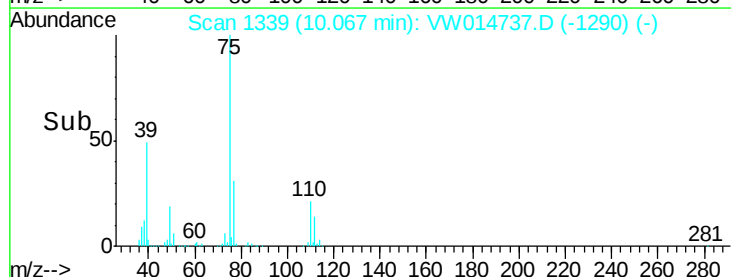
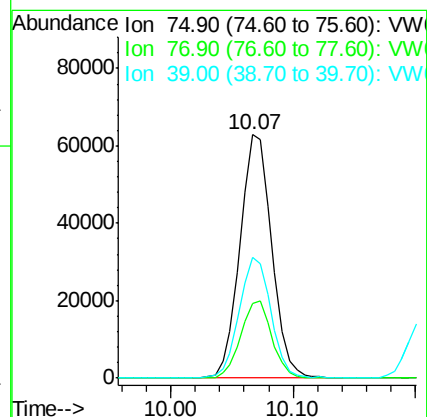
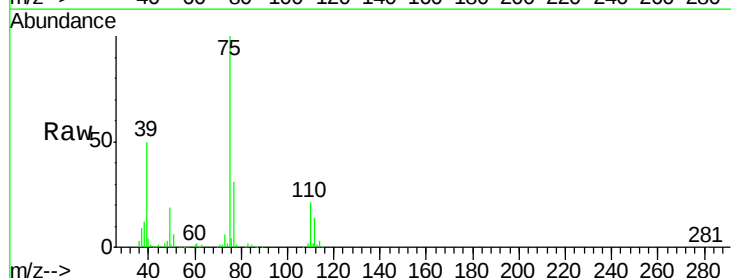
Tgt Ion: 75 Resp: 113149

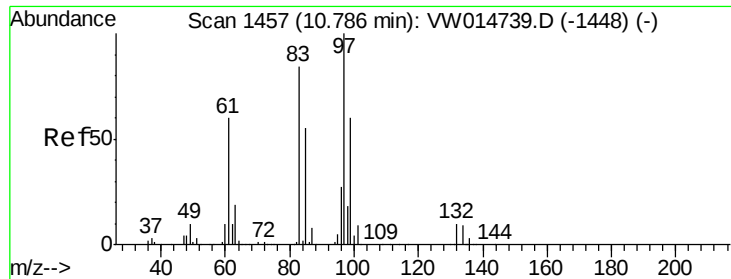
Ion Ratio Lower Upper

75 100

77 30.5 25.0 37.4

39 49.4 39.0 58.6





#55

1,1,2-Trichloroethane

Concen: 10.17 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 54316

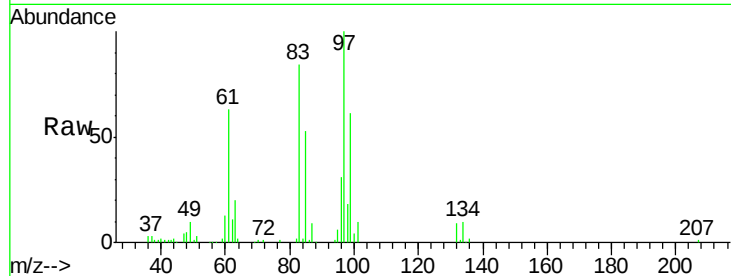
Ion Ratio Lower Upper

97 100

83 84.0 67.1 100.7

85 52.8 44.2 66.2

99 61.1 48.2 72.4

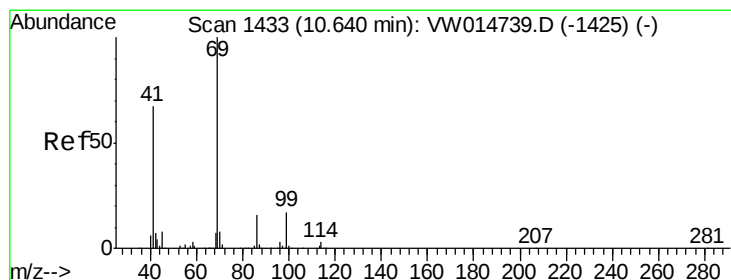
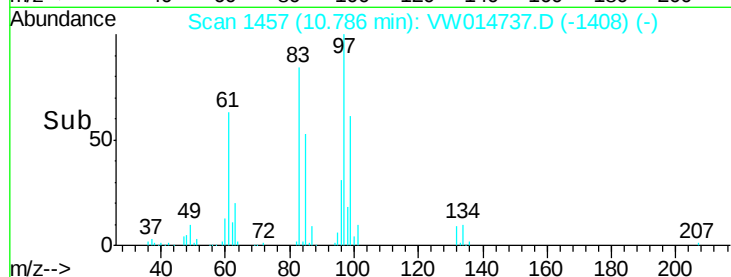
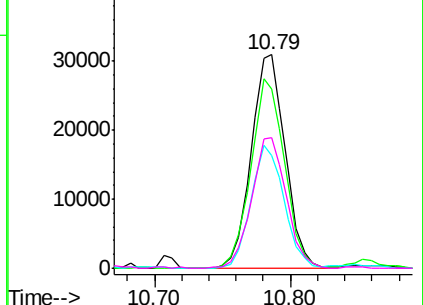


Abundance Ion 96.90 (96.60 to 97.60): VW

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: 9.09 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

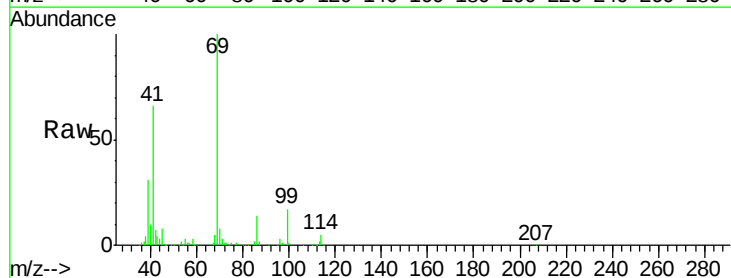
Tgt Ion: 69 Resp: 62751

Ion Ratio Lower Upper

69 100

41 67.9 54.4 81.6

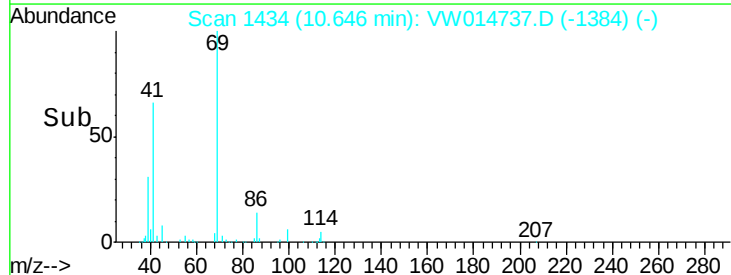
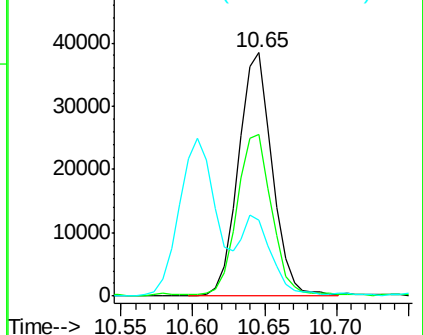
39 28.9 22.4 33.6

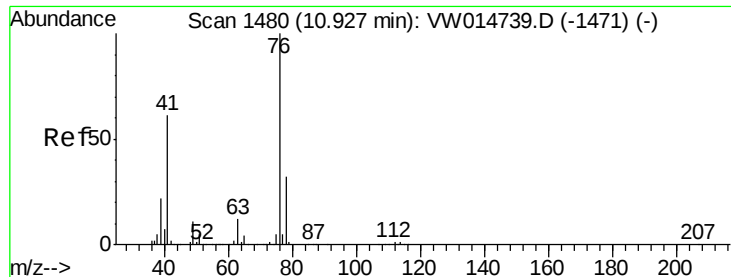


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

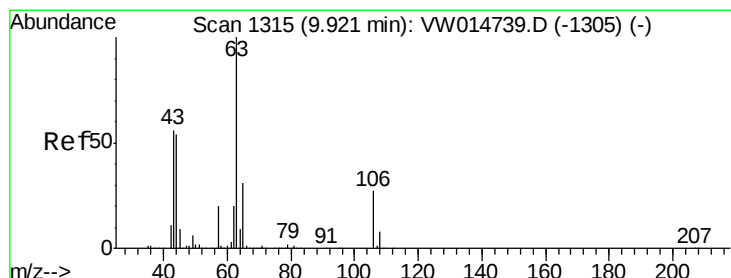
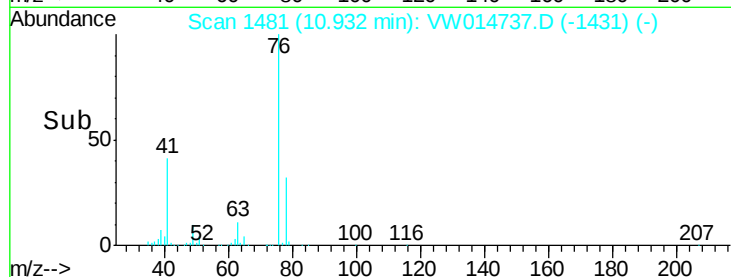
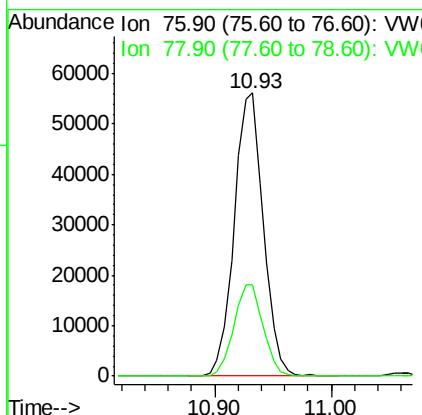
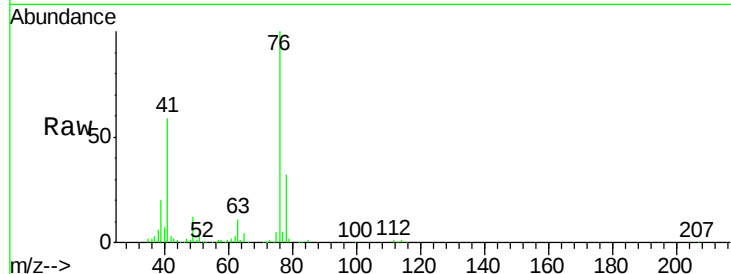




#57
 1,3-Dichloropropane
 Concen: 10.34 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.01 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

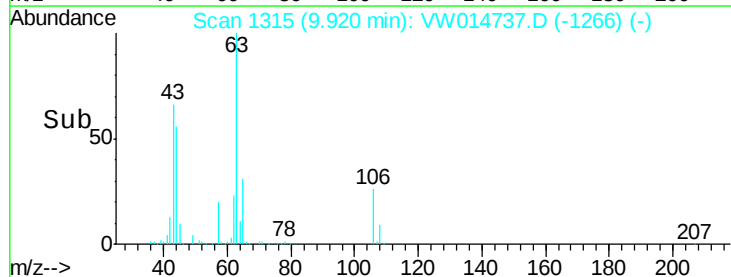
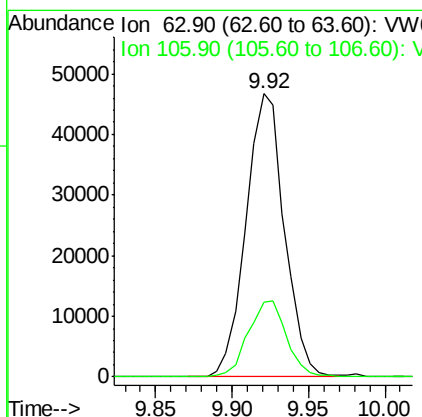
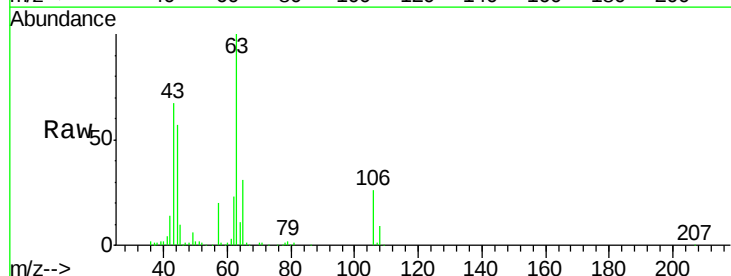
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

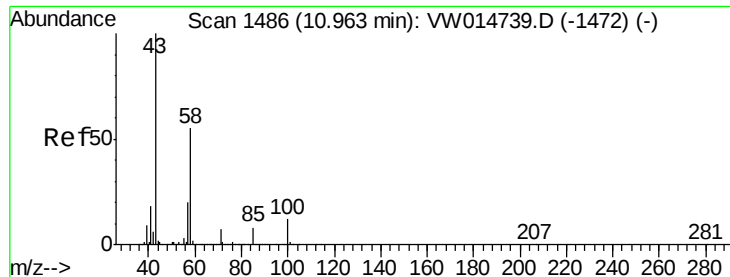
Tgt Ion: 76 Resp: 97697
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 38.48 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion: 63 Resp: 81479
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.8

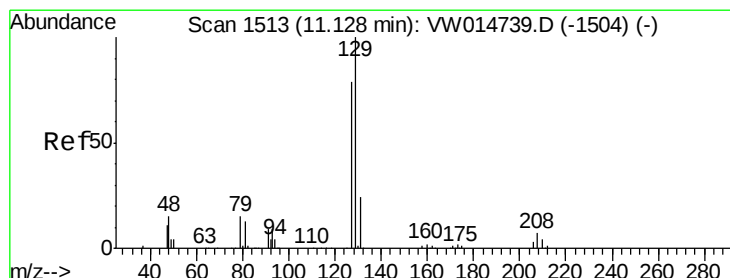
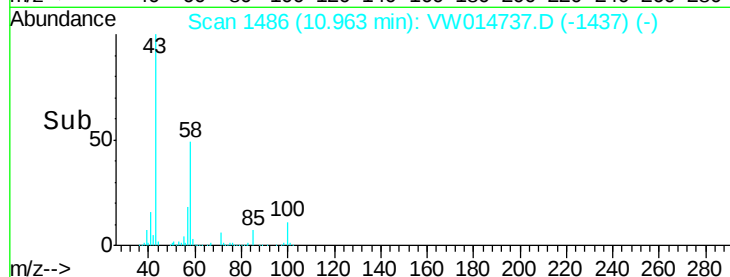
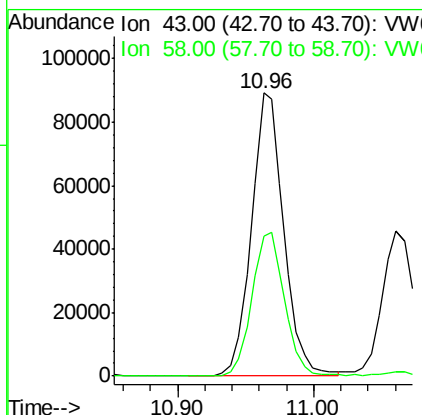
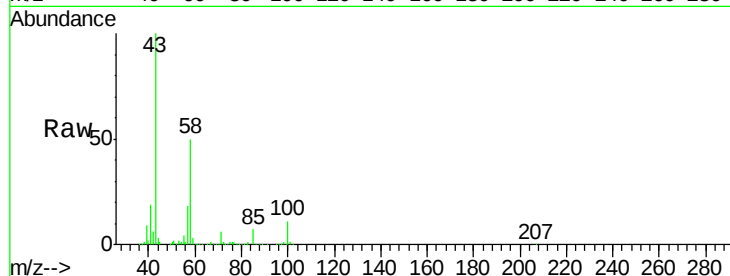




#59
2-Hexanone
Concen: 47.68 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

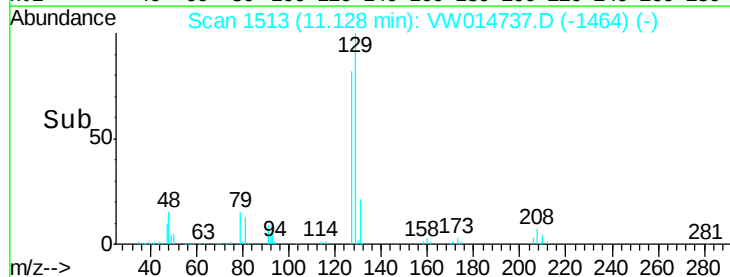
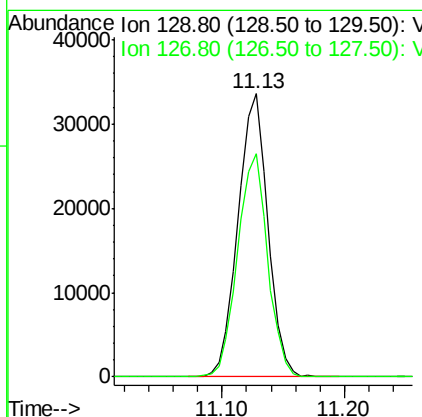
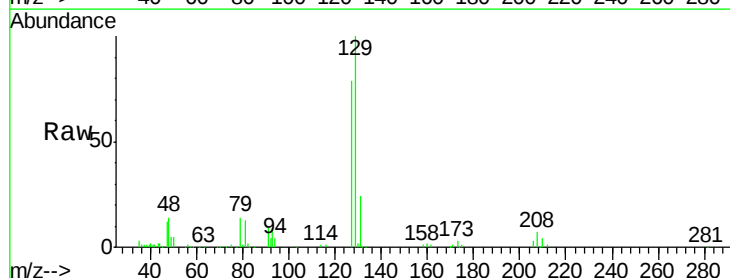
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

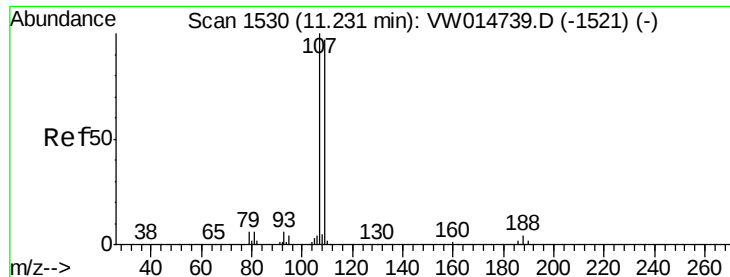
Tgt Ion: 43 Resp: 148281
Ion Ratio Lower Upper
43 100
58 51.4 27.3 81.8



#60
Dibromochloromethane
Concen: 9.44 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 129 Resp: 56873
Ion Ratio Lower Upper
129 100
127 79.1 39.9 119.6

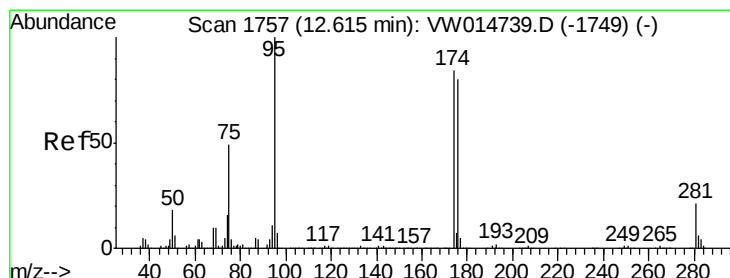
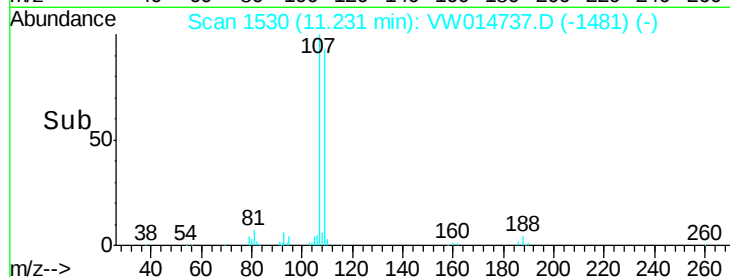
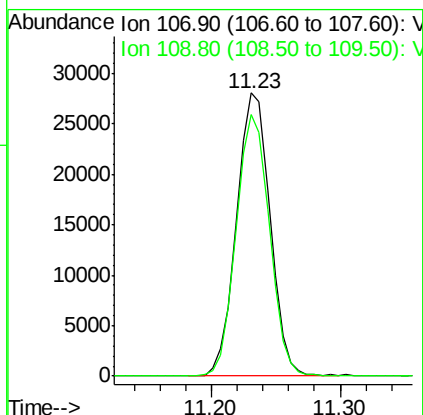
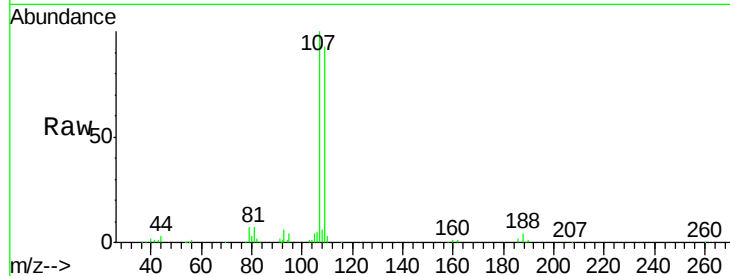




#61
 1,2-Dibromoethane
 Concen: 10.04 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

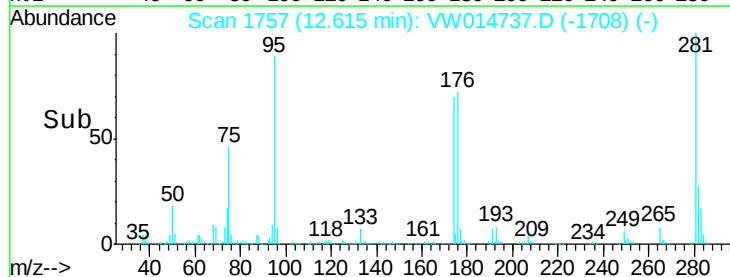
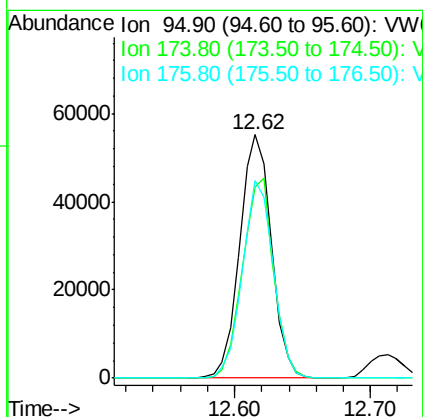
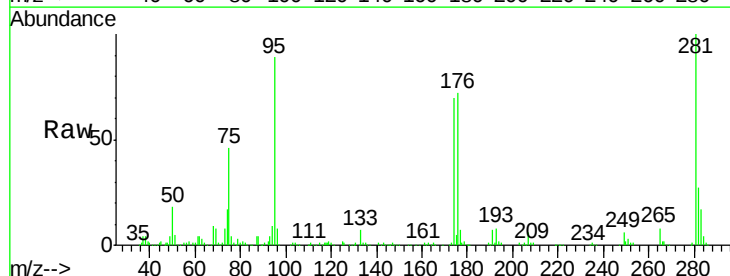
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

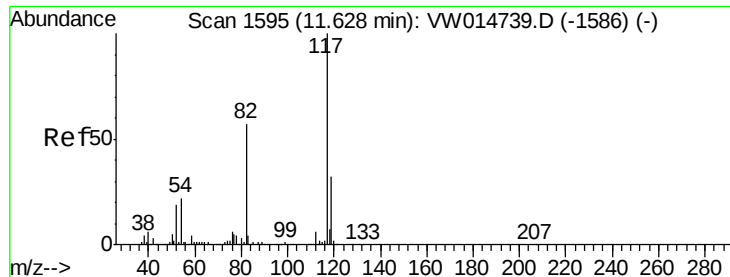
Tgt Ion: 107 Resp: 50617
 Ion Ratio Lower Upper
 107 100
 109 92.1 76.7 115.1



#62
 4-Bromofluorobenzene
 Concen: 9.90 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion: 95 Resp: 89684
 Ion Ratio Lower Upper
 95 100
 174 81.0 0.0 163.0
 176 79.8 0.0 159.2

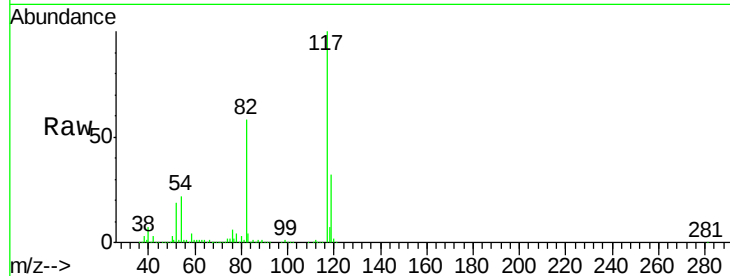




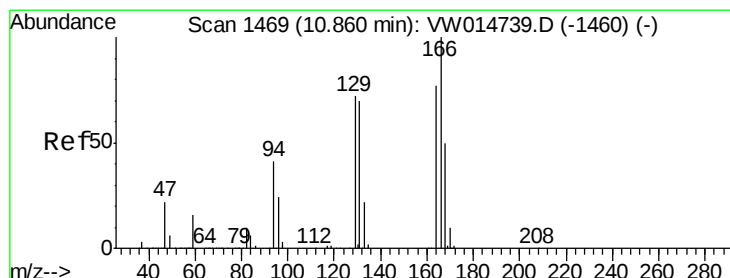
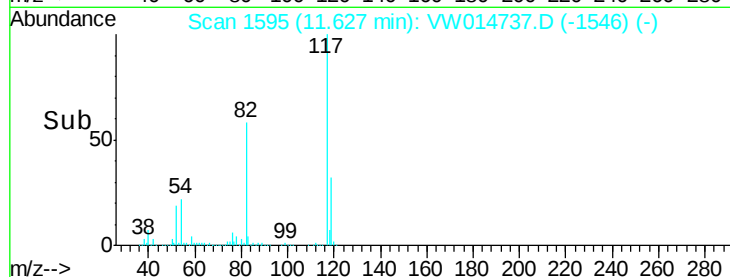
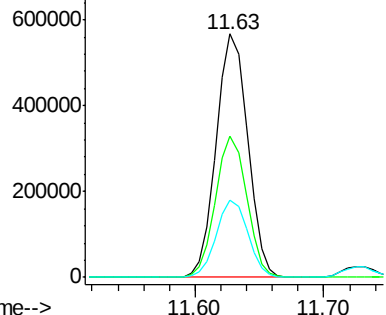
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:117 Resp: 957963
Ion Ratio Lower Upper
117 100
82 57.8 45.9 68.9
119 31.8 25.7 38.5

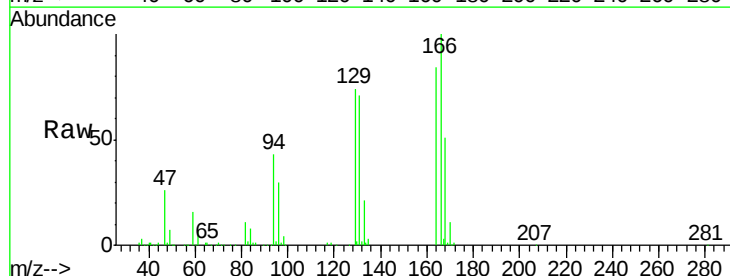


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

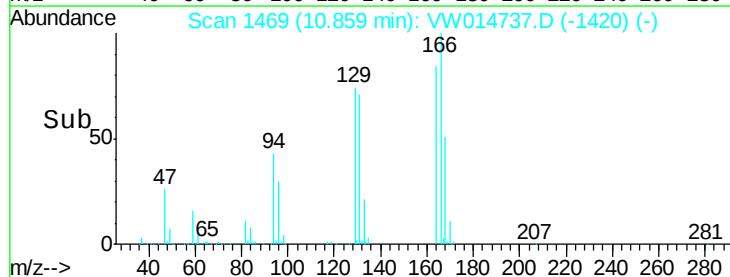
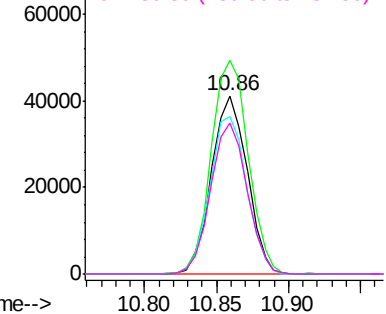


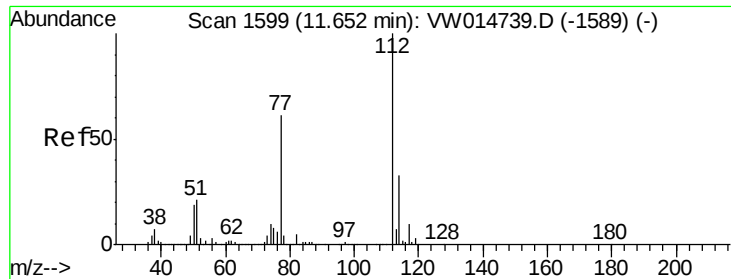
#64
Tetrachloroethene
Concen: 10.25 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion:164 Resp: 70899
Ion Ratio Lower Upper
164 100
166 119.6 104.0 156.0
129 88.4 75.0 112.4
131 84.9 72.7 109.1



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

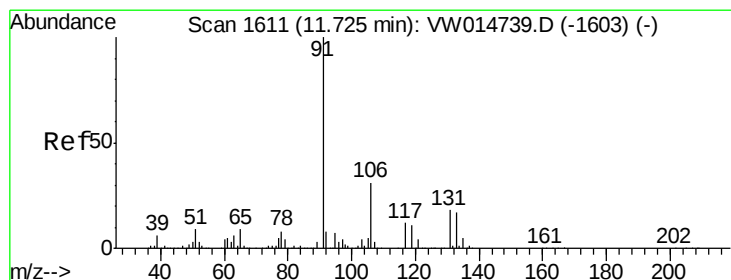
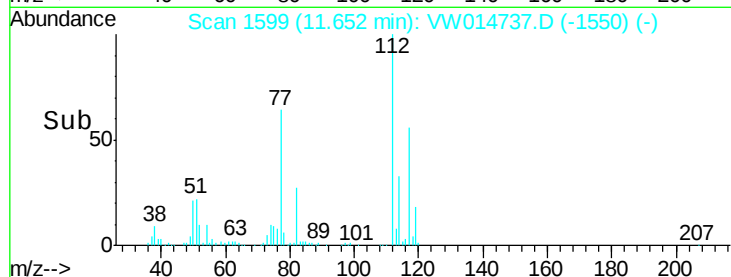
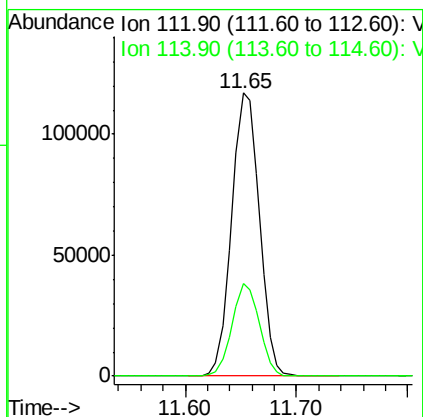
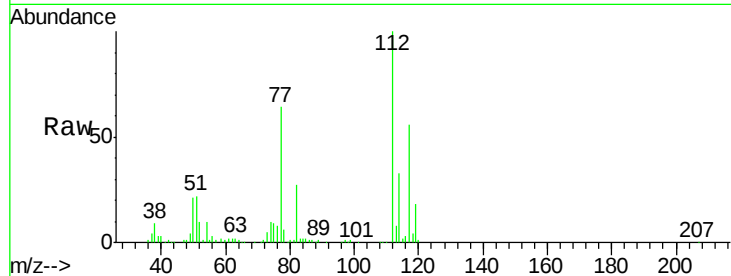




#65
Chlorobenzene
Concen: 10.27 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

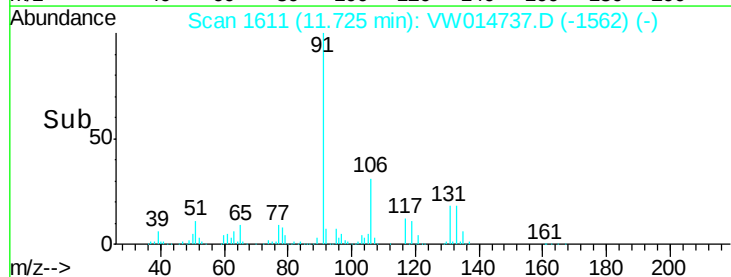
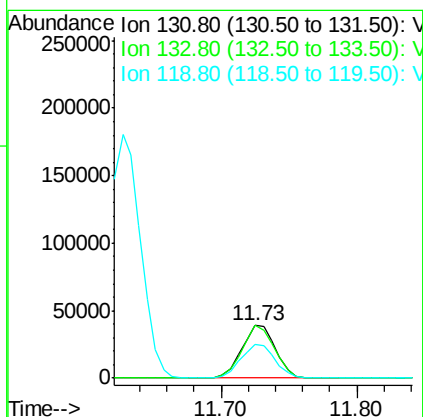
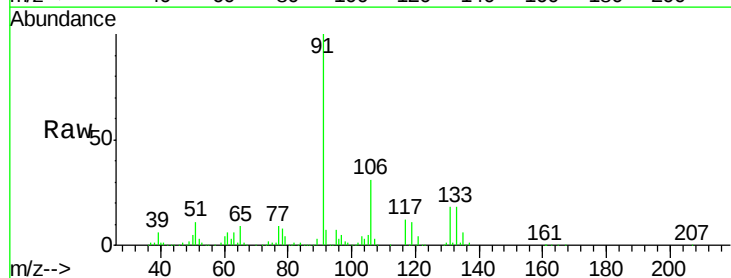
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

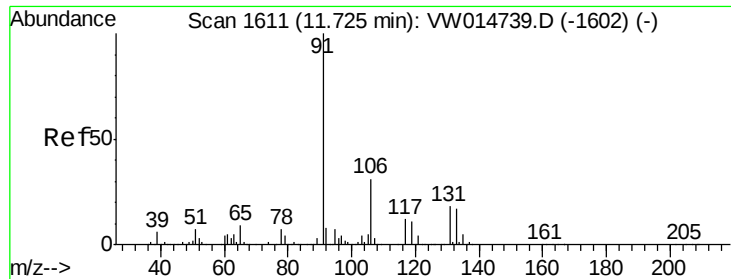
Tgt Ion:112 Resp: 202308
Ion Ratio Lower Upper
112 100
114 32.5 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 10.16 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion:131 Resp: 67336
Ion Ratio Lower Upper
131 100
133 97.2 48.0 144.2
119 64.4 33.0 98.9

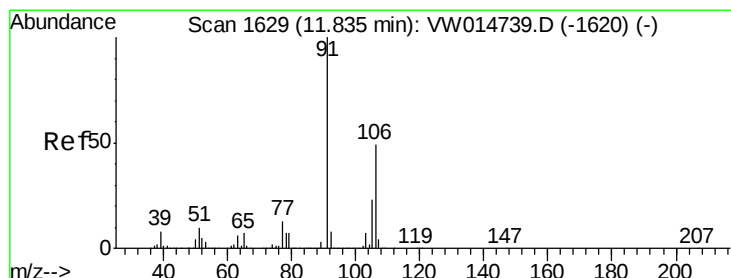
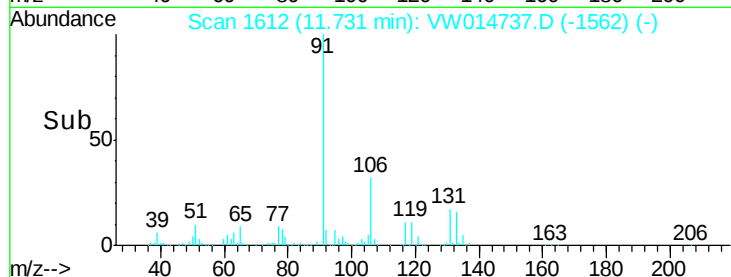
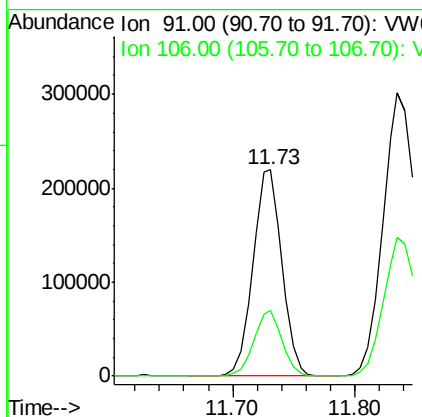
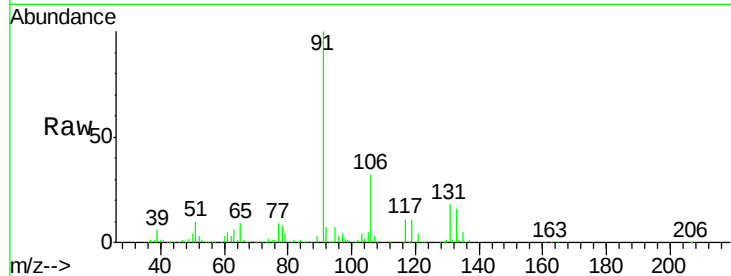




#67
Ethyl Benzene
Concen: 10.15 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

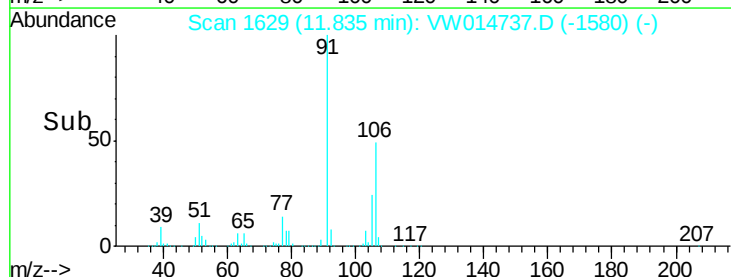
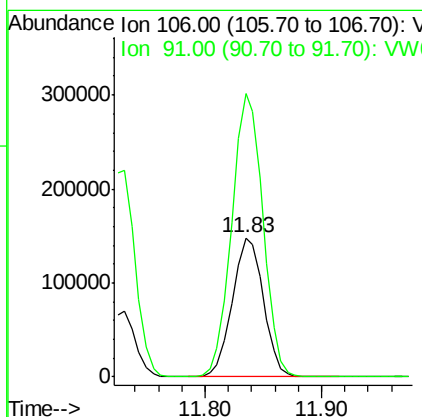
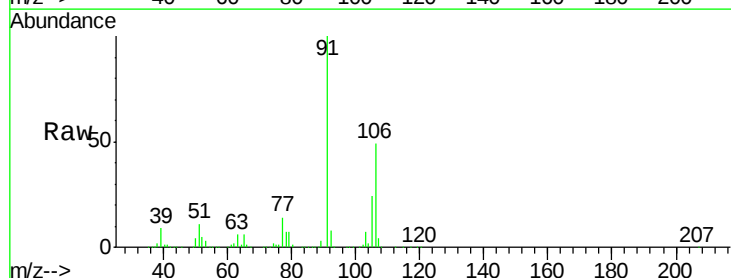
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

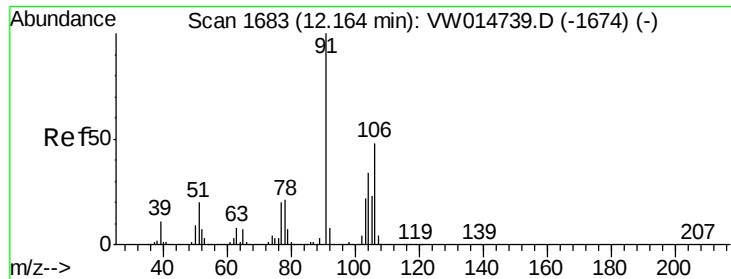
Tgt Ion: 91 Resp: 361655
Ion Ratio Lower Upper
91 100
106 32.1 24.5 36.7



#68
m/p-Xylenes
Concen: 20.17 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 106 Resp: 274406
Ion Ratio Lower Upper
106 100
91 204.3 161.4 242.0

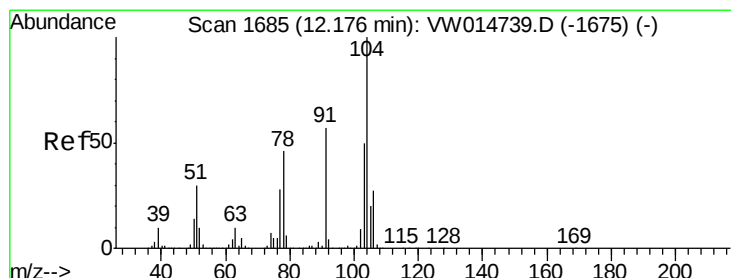
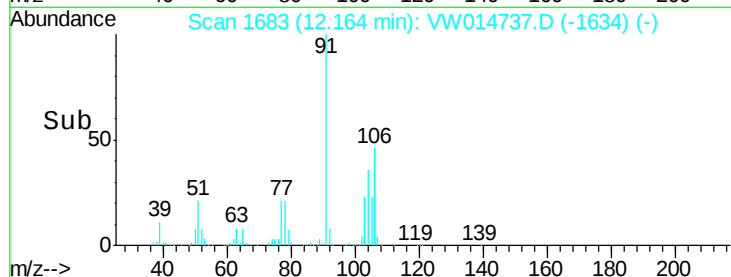
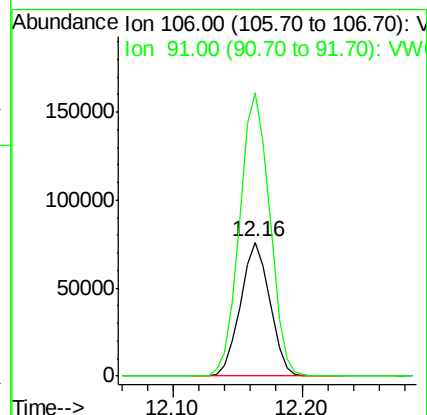
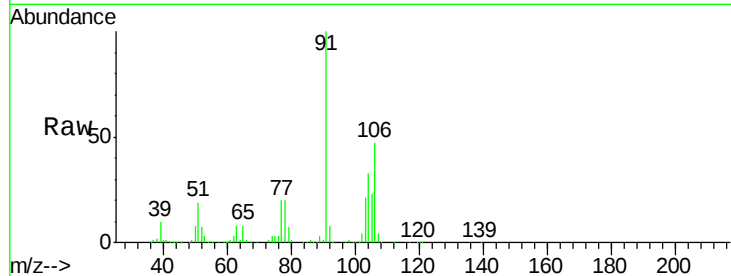




#69
o-Xylene
Concen: 9.59 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

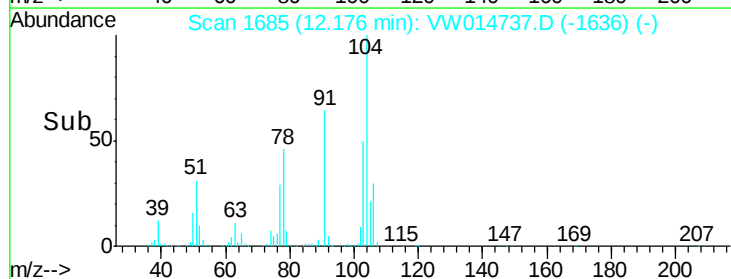
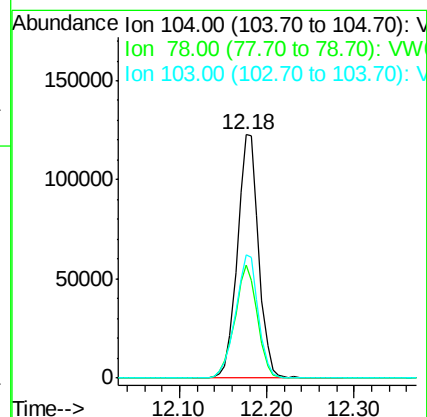
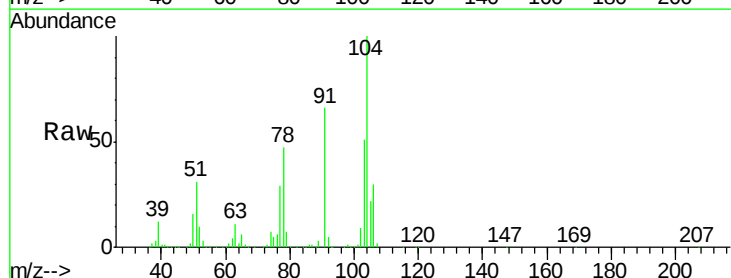
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

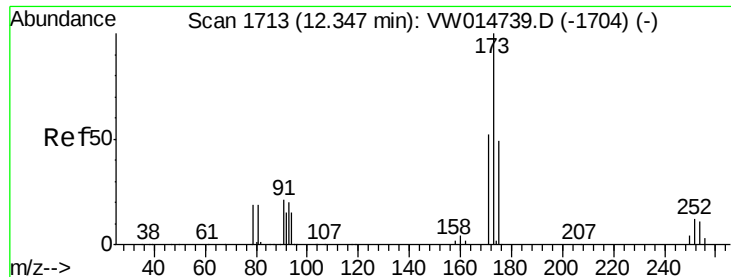
Tgt Ion:106 Resp: 120492
Ion Ratio Lower Upper
106 100
91 216.7 107.1 321.3



#70
Styrene
Concen: 9.82 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion:104 Resp: 208314
Ion Ratio Lower Upper
104 100
78 49.2 39.8 59.8
103 54.0 44.0 66.0

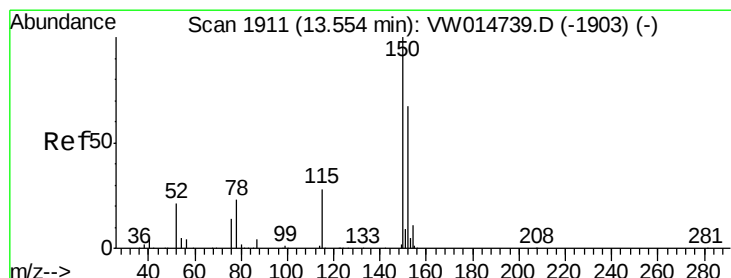
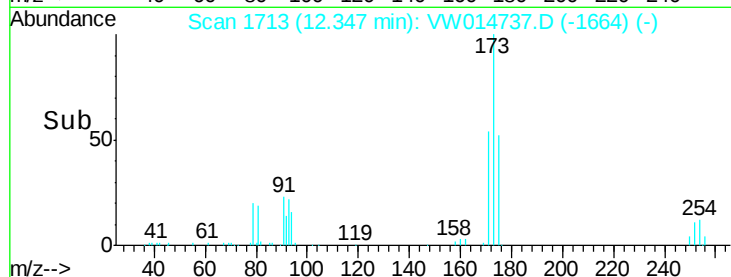
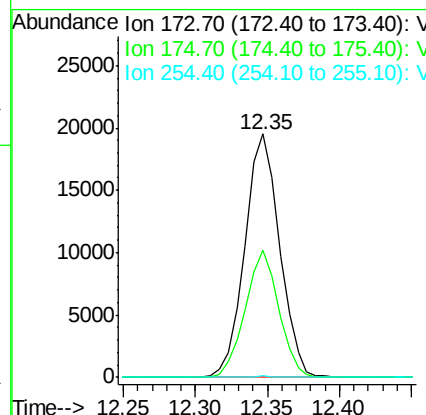
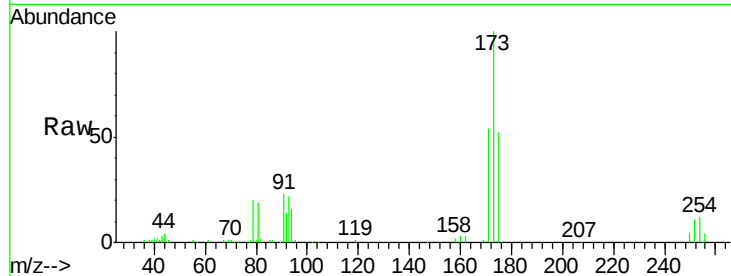




#71
Bromoform
Concen: 9.19 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

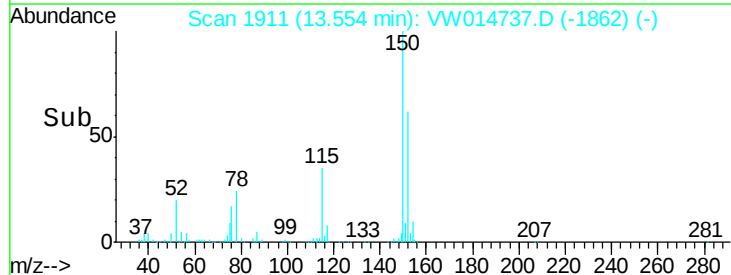
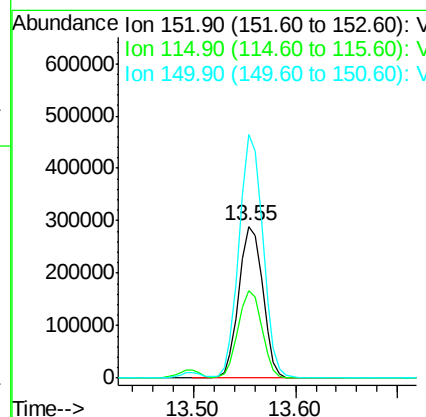
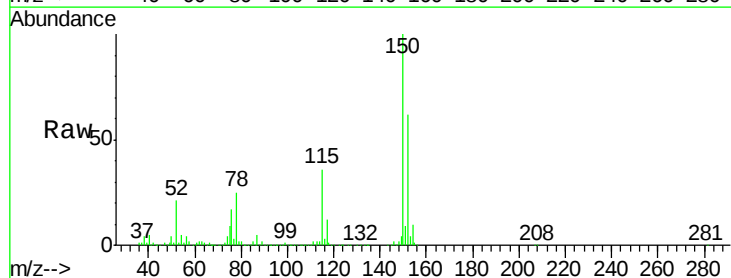
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

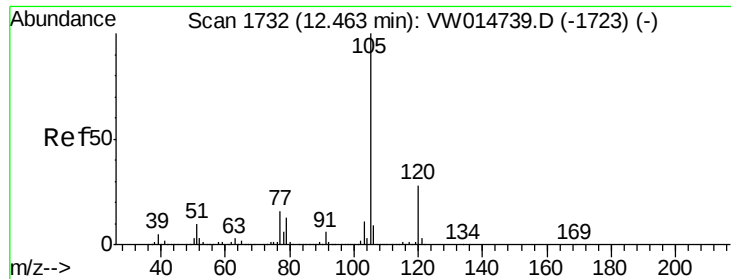
Tgt Ion:173 Resp: 32662
Ion Ratio Lower Upper
173 100
175 50.0 24.4 73.2
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion:152 Resp: 469646
Ion Ratio Lower Upper
152 100
115 57.2 29.0 87.1
150 159.8 0.0 354.0





#73

Isopropylbenzene

Concen: 9.85 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

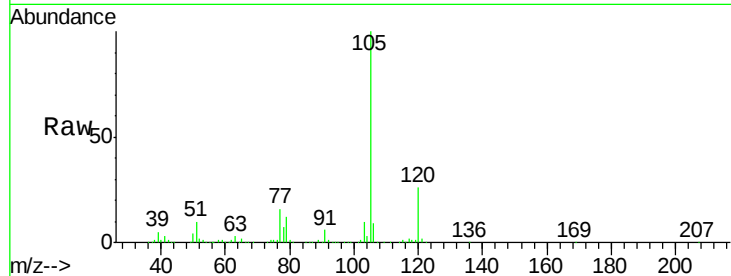
VSTDIC010

Tgt Ion:105 Resp: 341027

Ion Ratio Lower Upper

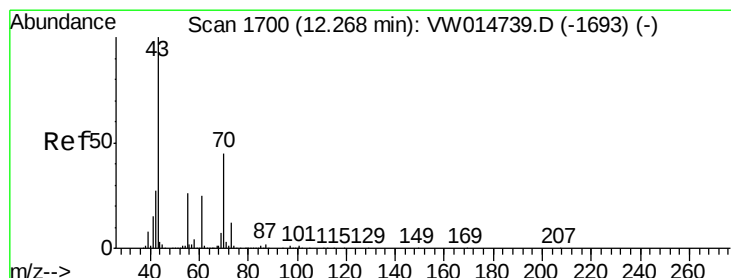
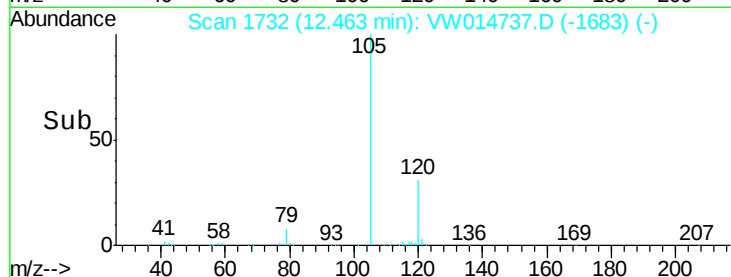
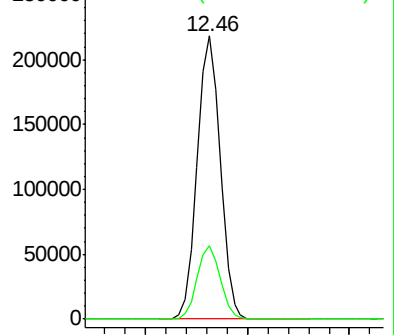
105 100

120 26.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 9.69 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Tgt Ion: 43 Resp: 75050

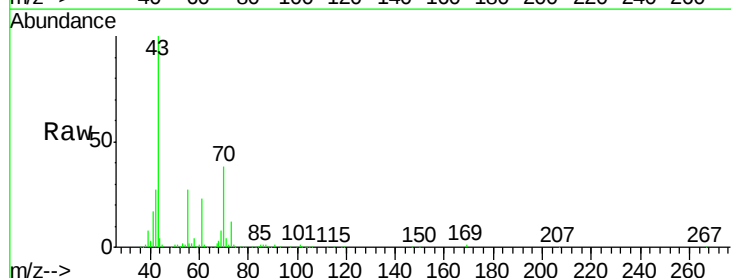
Ion Ratio Lower Upper

43 100

70 42.5 34.6 52.0

55 27.8 20.6 30.8

61 24.3 19.4 29.2

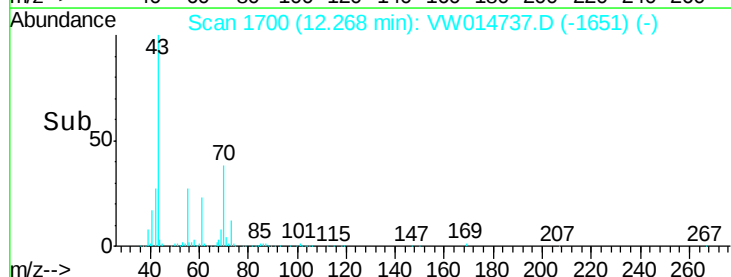
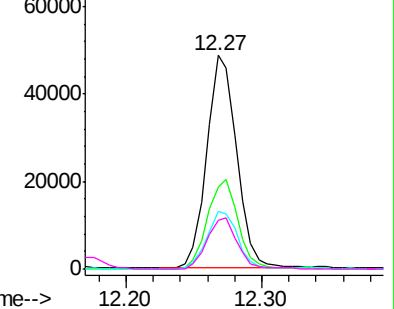


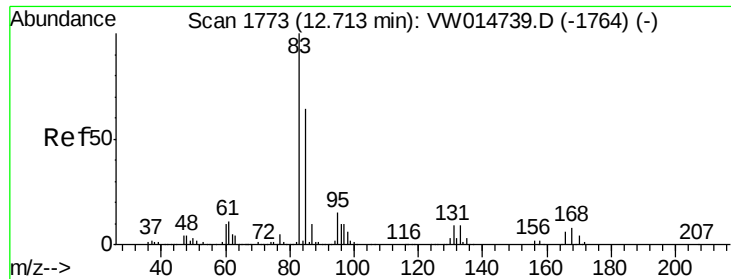
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 9.92 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

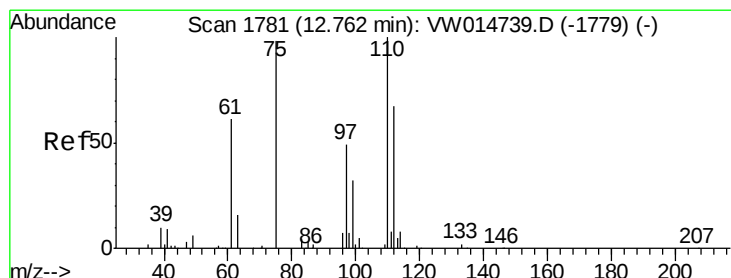
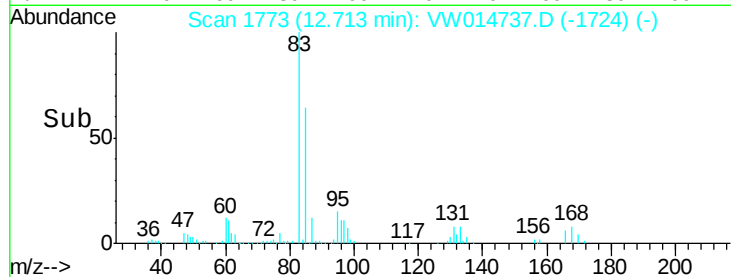
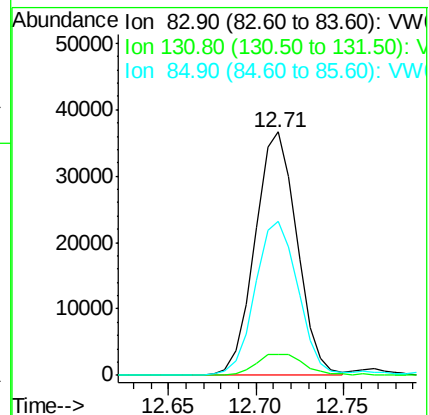
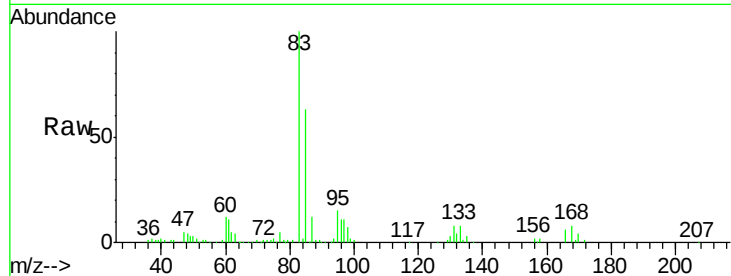
Tgt Ion: 83 Resp: 61207

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.4

85 65.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 17.84 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.01 min

Lab File: VW014737.D

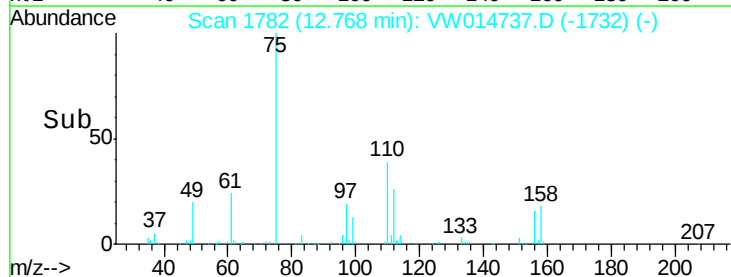
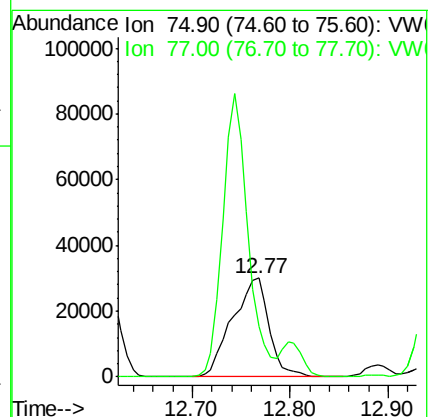
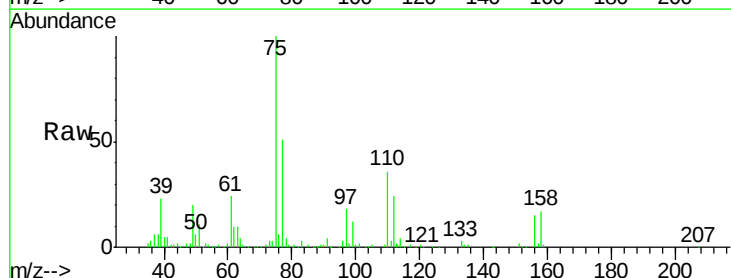
Acq: 24 Jan 2020 10:59

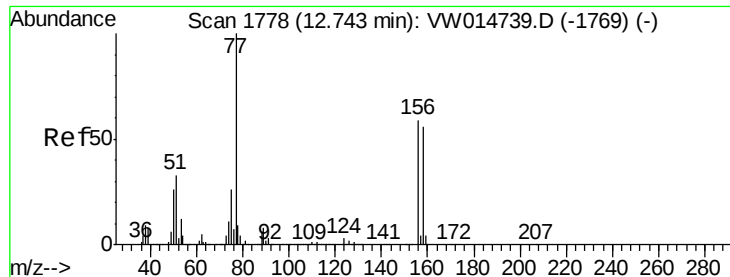
Tgt Ion: 75 Resp: 78361

Ion Ratio Lower Upper

75 100

77 0.0 167.9 503.9#





#77

Bromobenzene

Concen: 9.59 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

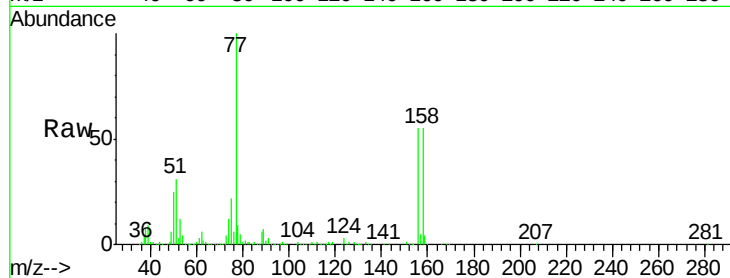
Tgt Ion: 156 Resp: 77165

Ion Ratio Lower Upper

156 100

77 201.7 94.5 283.5

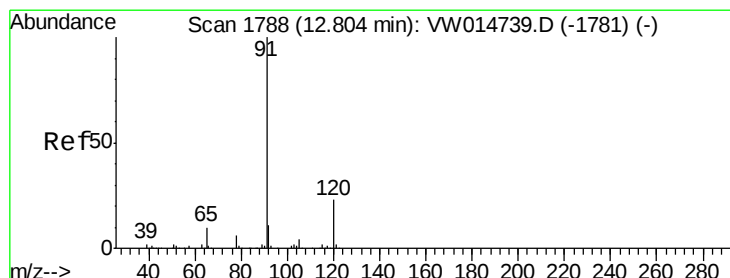
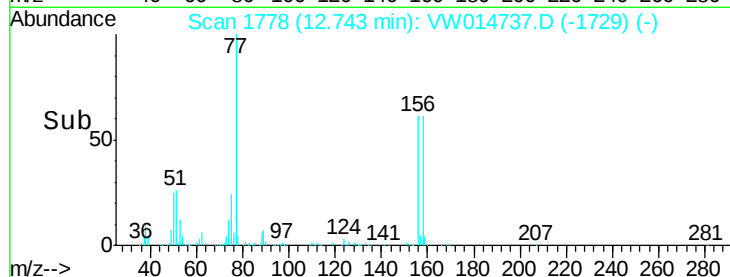
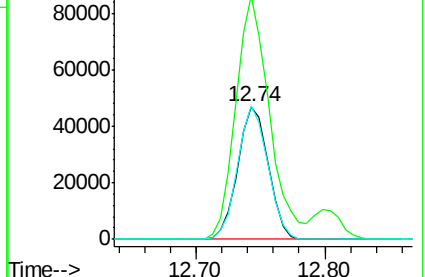
158 99.2 48.3 144.8



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: 10.17 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW014737.D

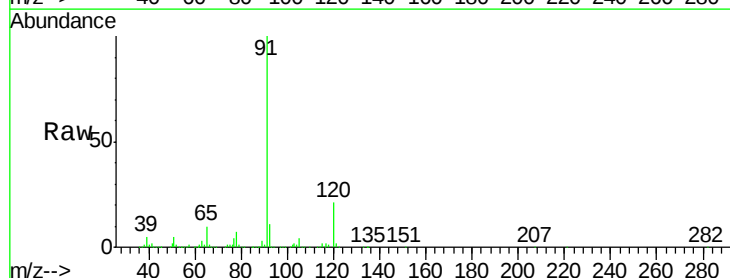
Acq: 24 Jan 2020 10:59

Tgt Ion: 91 Resp: 417415

Ion Ratio Lower Upper

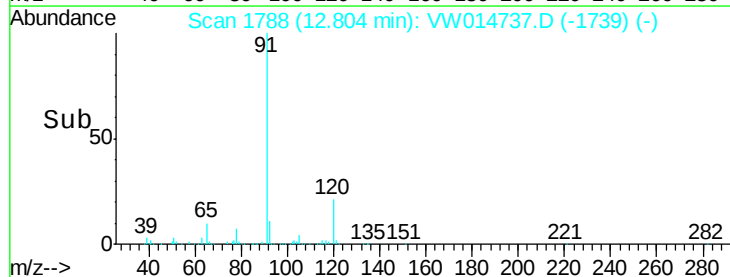
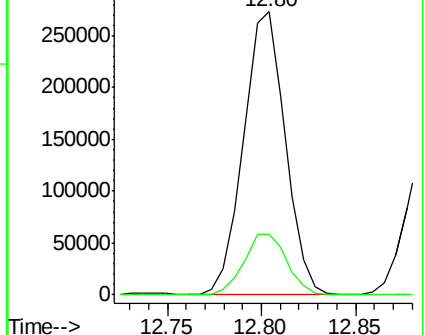
91 100

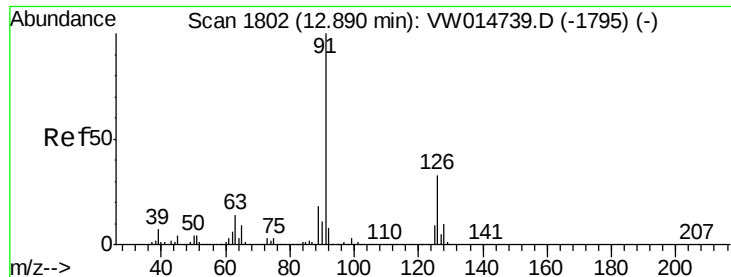
120 22.2 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 10.20 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

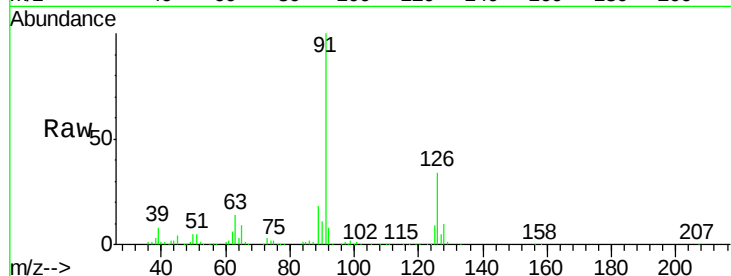
VSTDIC010

Tgt Ion: 91 Resp: 238080

Ion Ratio Lower Upper

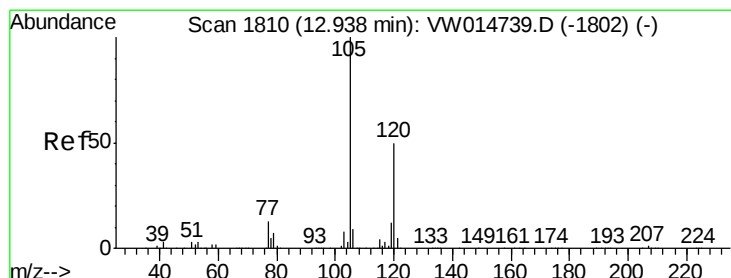
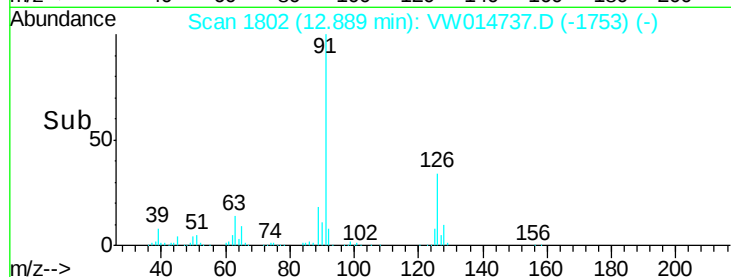
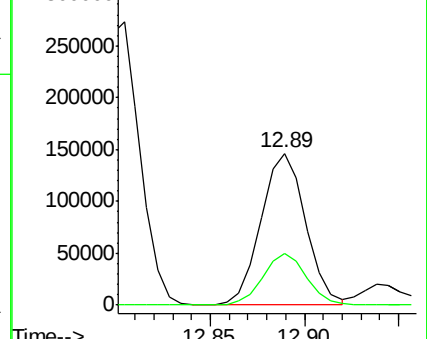
91 100

126 33.8 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 10.02 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW014737.D

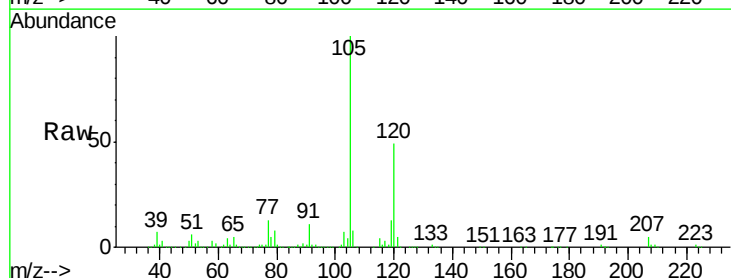
Acq: 24 Jan 2020 10:59

Tgt Ion: 105 Resp: 292739

Ion Ratio Lower Upper

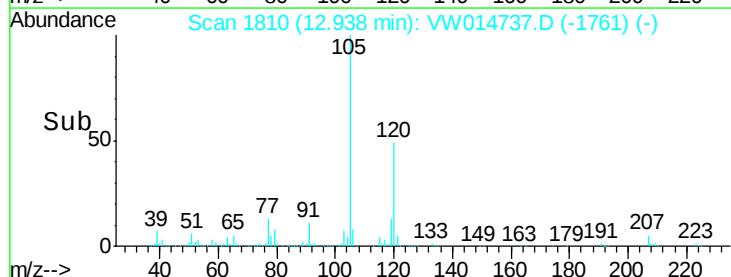
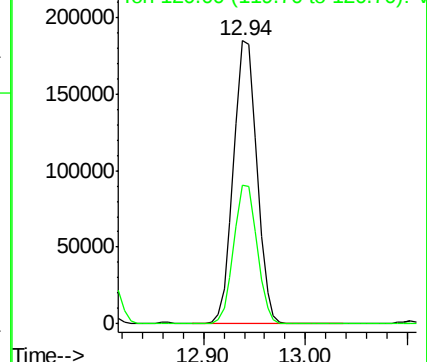
105 100

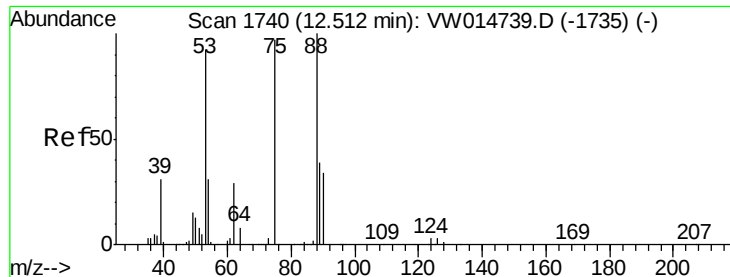
120 48.9 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 9.43 ug/l

RT: 12.51 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

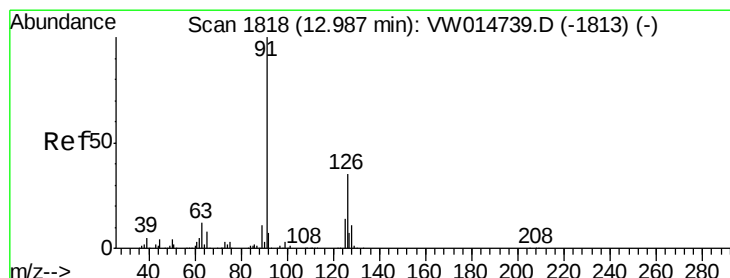
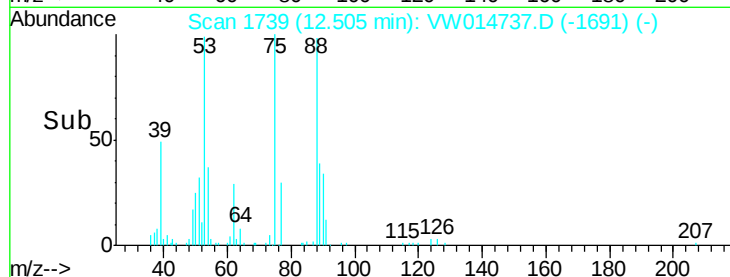
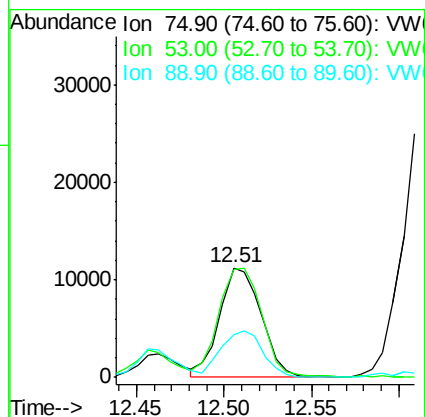
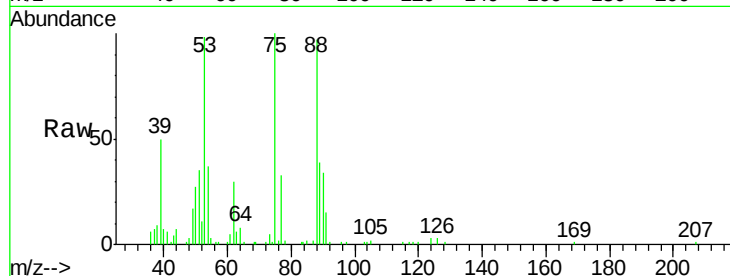
Tgt Ion: 75 Resp: 18609

Ion Ratio Lower Upper

75 100

53 102.7 77.0 115.4

89 43.0 35.2 52.8



#82

4-Chlorotoluene

Concen: 10.34 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW014737.D

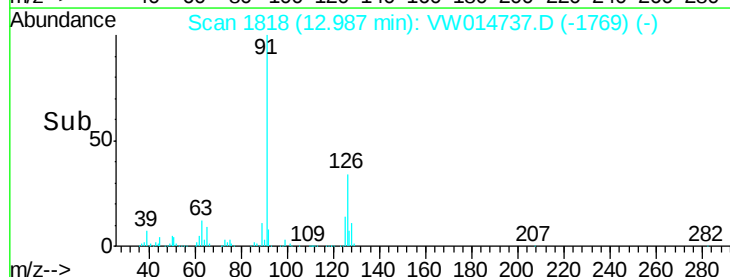
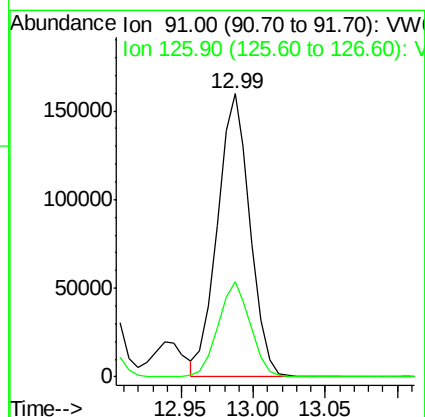
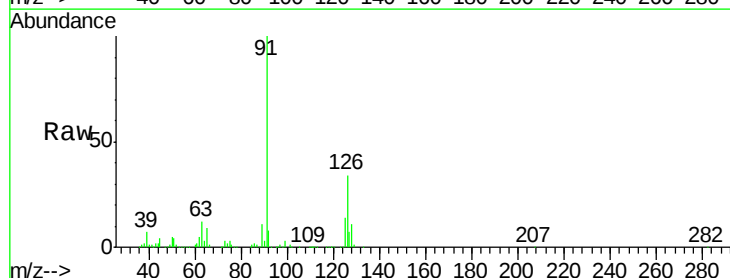
Acq: 24 Jan 2020 10:59

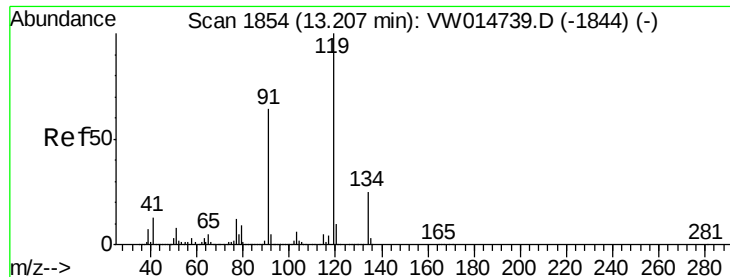
Tgt Ion: 91 Resp: 251080

Ion Ratio Lower Upper

91 100

126 33.2 16.7 50.1





#83

tert-Butylbenzene

Concen: 9.72 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

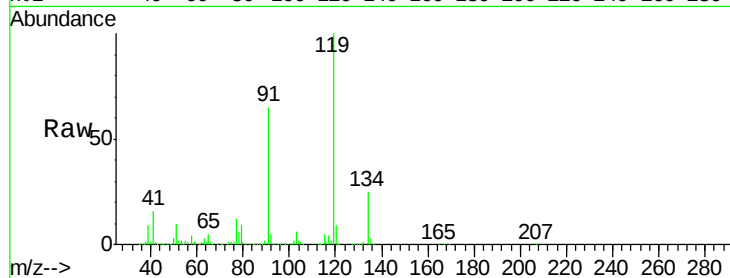
Tgt Ion:119 Resp: 247771

Ion Ratio Lower Upper

119 100

91 63.6 32.1 96.3

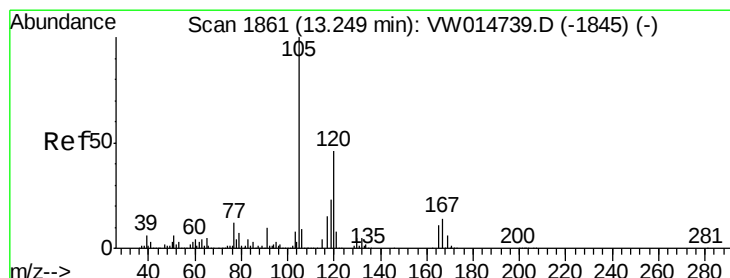
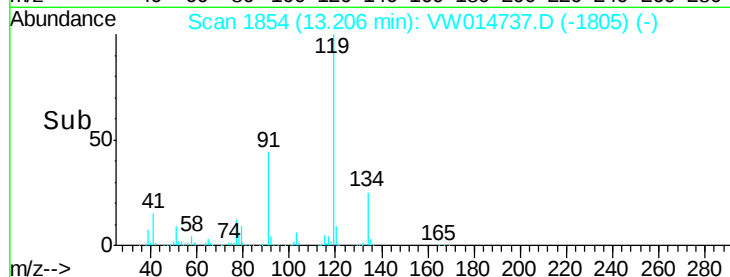
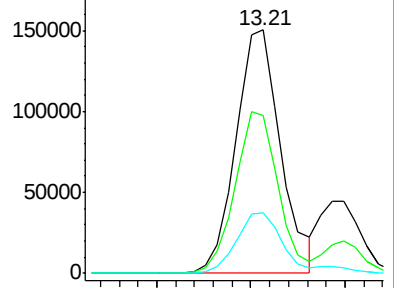
134 27.3 13.4 40.2



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: 10.00 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW014737.D

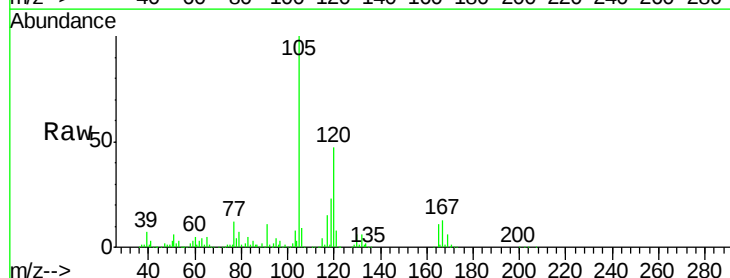
Acq: 24 Jan 2020 10:59

Tgt Ion:105 Resp: 290915

Ion Ratio Lower Upper

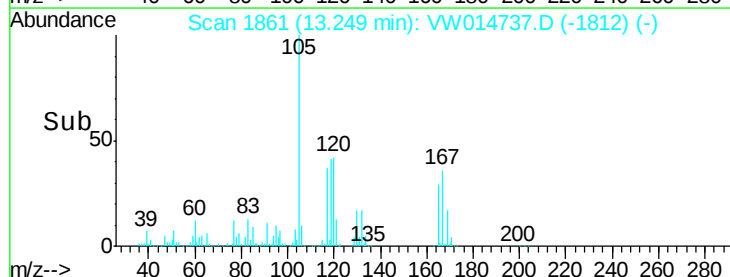
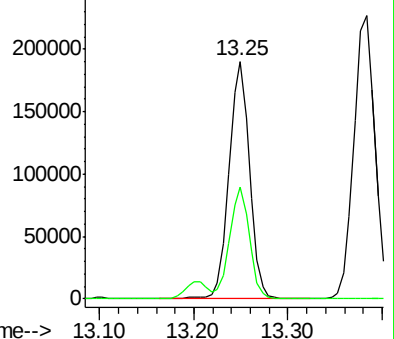
105 100

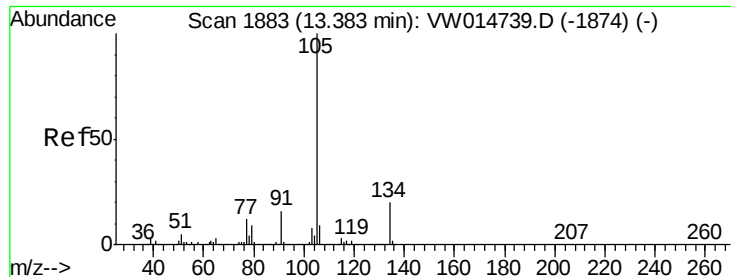
120 45.5 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 10.00 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

Instrument :

MSVOA_W

ClientSampleId :

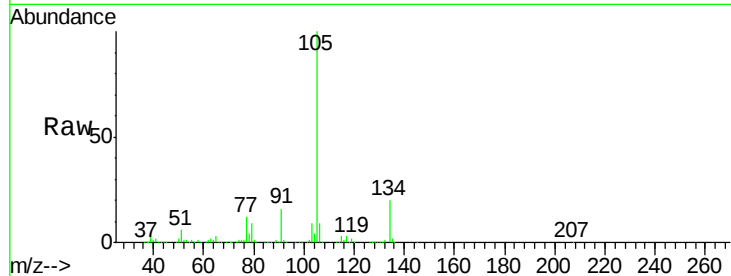
VSTDIC010

Tgt Ion:105 Resp: 353927

Ion Ratio Lower Upper

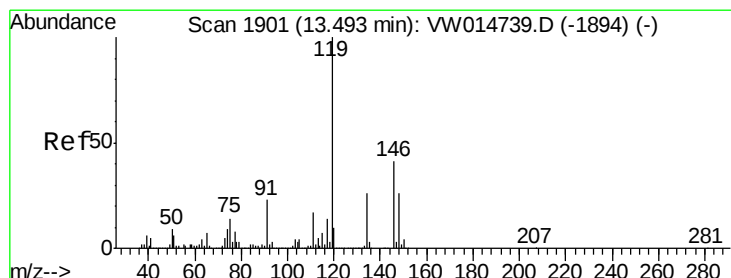
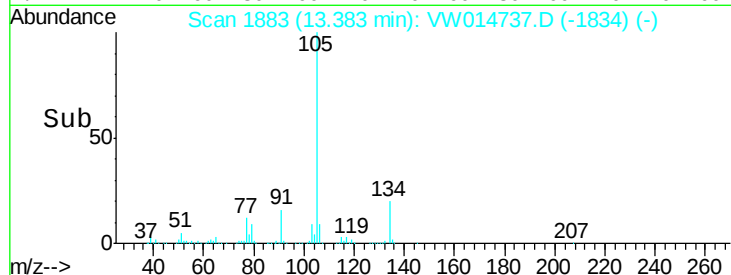
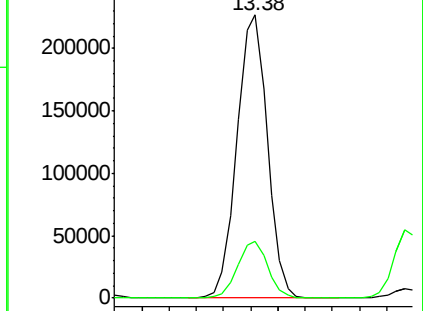
105 100

134 19.8 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.70 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW014737.D

Acq: 24 Jan 2020 10:59

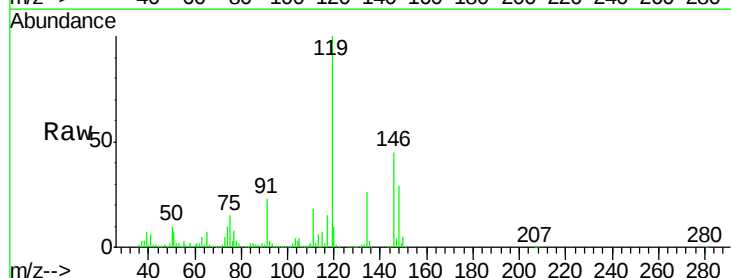
Tgt Ion:119 Resp: 313296

Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

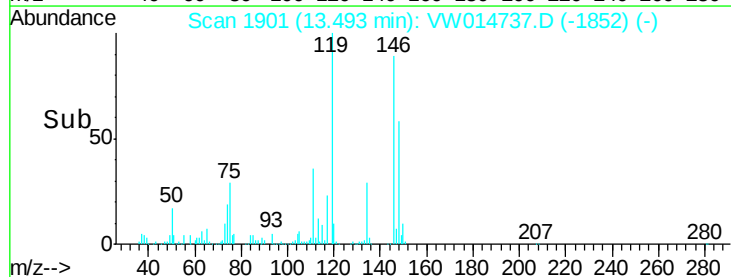
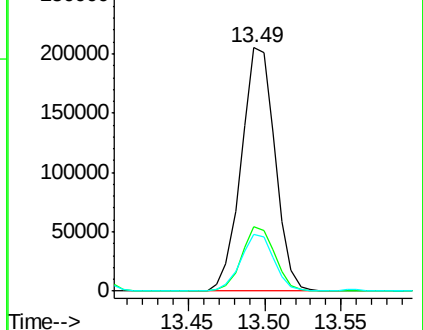
91 23.0 11.4 34.2

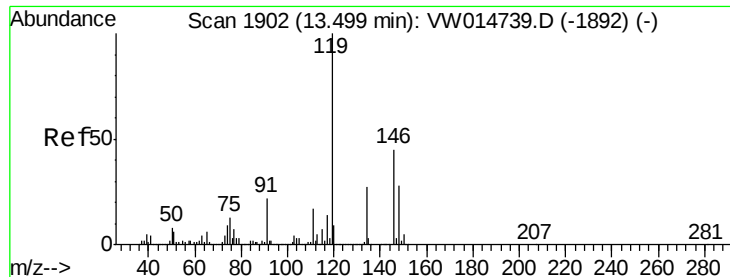


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

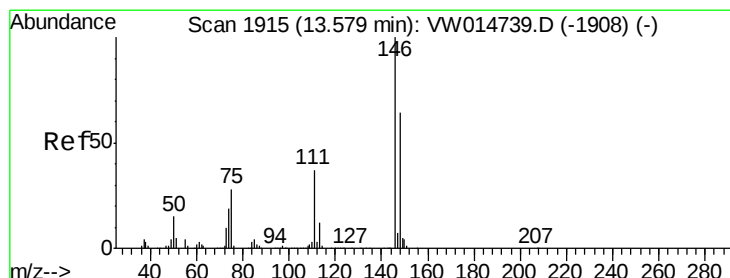
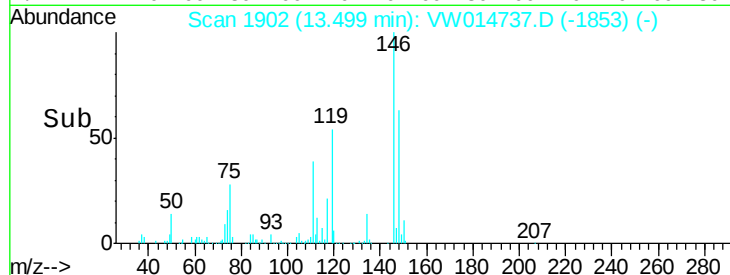
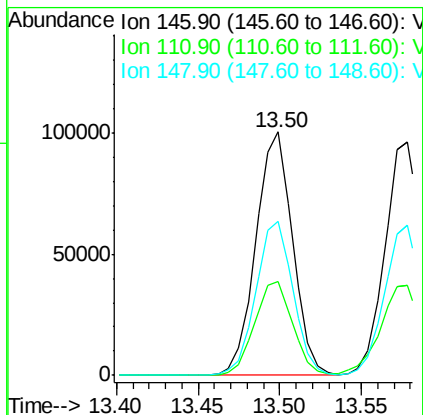
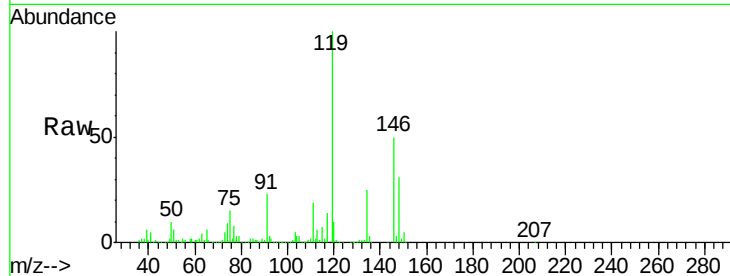




#87
 1,3-Dichlorobenzene
 Concen: 10.04 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

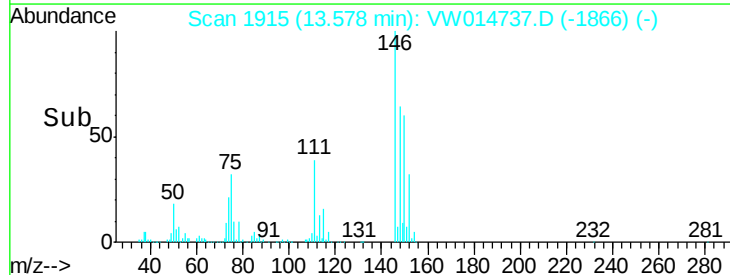
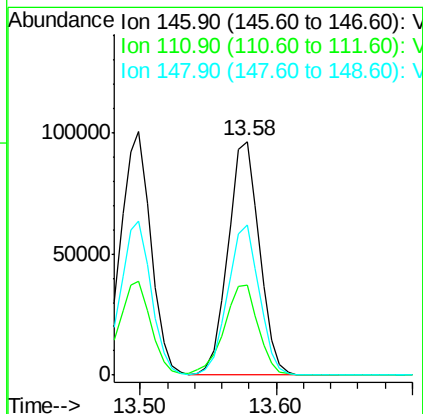
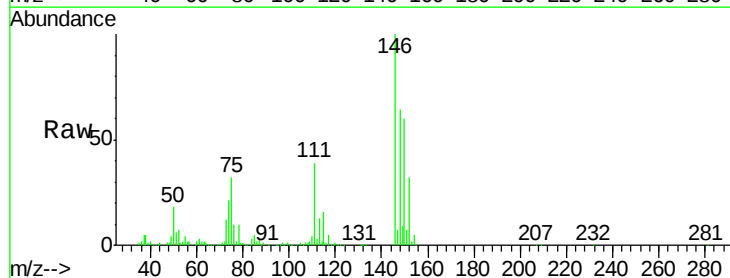
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

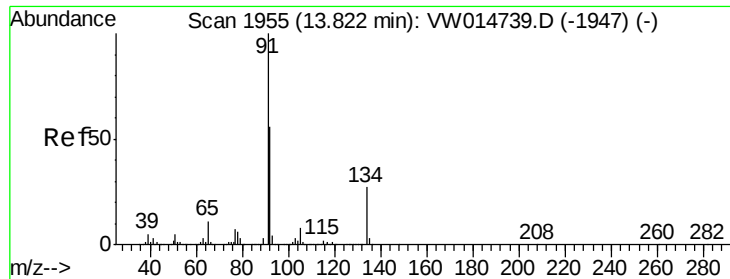
Tgt Ion:146 Resp: 157267
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.8 59.4
 148 63.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 10.04 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014737.D
 Acq: 24 Jan 2020 10:59

Tgt Ion:146 Resp: 154721
 Ion Ratio Lower Upper
 146 100
 111 42.2 19.4 58.4
 148 64.7 32.0 96.2

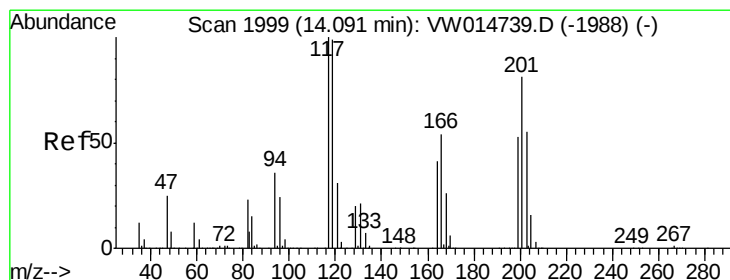
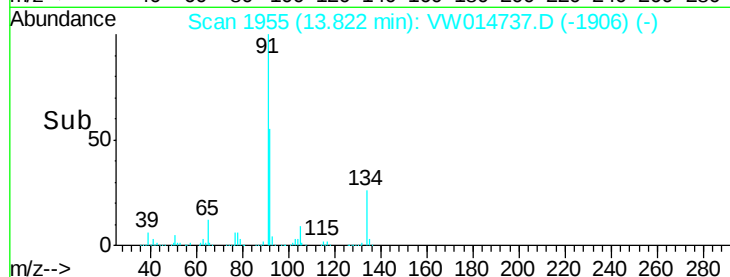
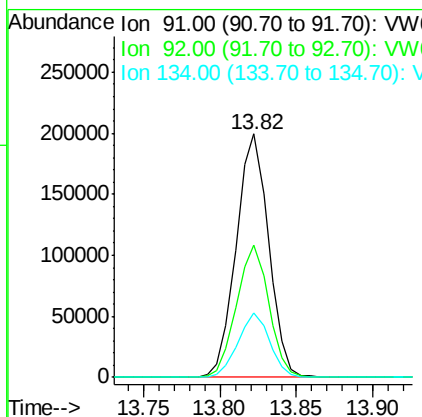
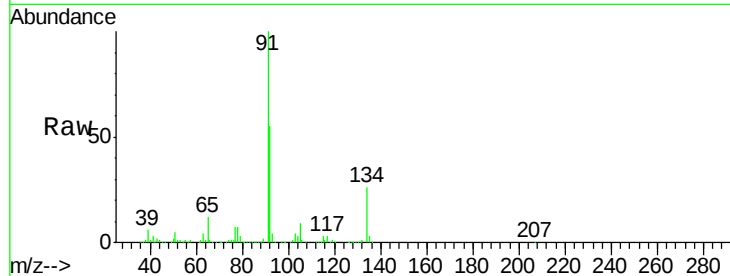




#89
n-Butylbenzene
Concen: 9.77 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 91 Resp: 293911
Ion Ratio Lower Upper
91 100
92 54.2 27.5 82.4
134 26.0 13.1 39.1



#90
Hexachloroethane
Concen: 10.16 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014737.D
Acq: 24 Jan 2020 10:59

Tgt Ion: 117 Resp: 57126
Ion Ratio Lower Upper
117 100
201 78.8 41.6 124.9

