

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042420\
 Data File : VW015333.D
 Acq On : 24 Apr 2020 10:37
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 25 06:44:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	249609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	325587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	177640	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	91995	45.07	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.14%	
35) Dibromofluoromethane	7.88	113	94476	48.98	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.96%	
50) Toluene-d8	10.32	98	378007	46.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.18%	
62) 4-Bromofluorobenzene	12.62	95	146122	47.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	89016	45.160	ug/l	98
3) Chloromethane	2.21	50	93578	43.595	ug/l	99
4) Vinyl Chloride	2.36	62	113453	44.759	ug/l	99
5) Bromomethane	2.76	94	88894	49.324	ug/l	95
6) Chloroethane	2.92	64	67805	43.125	ug/l	97
7) Trichlorofluoromethane	3.26	101	167756	46.770	ug/l	97
8) Diethyl Ether	3.69	74	44523	44.223	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	102642	46.404	ug/l	91
10) Methyl Iodide	4.28	142	106514	45.847	ug/l	98
11) Tert butyl alcohol	5.17	59	34919	209.864	ug/l	99
12) 1,1-Dichloroethene	4.04	96	97823	45.947	ug/l	91
13) Acrolein	3.90	56	19942	228.988	ug/l	98
14) Allyl chloride	4.67	41	121920	43.167	ug/l #	84
15) Acrylonitrile	5.37	53	83067	216.808	ug/l	98
16) Acetone	4.13	43	87775	246.203	ug/l	97
17) Carbon Disulfide	4.38	76	274986	43.463	ug/l	99
18) Methyl Acetate	4.68	43	39216	41.556	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	221398	45.300	ug/l	95
20) Methylene Chloride	4.92	84	100533	43.027	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	112209	46.471	ug/l	94
22) Diisopropyl ether	6.32	45	246682	45.527	ug/l	96
23) Vinyl Acetate	6.26	43	710138	223.342	ug/l #	94
24) 1,1-Dichloroethane	6.21	63	175067	46.620	ug/l	99
25) 2-Butanone	7.17	43	112441	237.719	ug/l #	86
26) 2,2-Dichloropropane	7.16	77	182168	46.112	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	123471	47.365	ug/l	98
28) Bromochloromethane	7.51	49	63259	46.333	ug/l #	71
29) Tetrahydrofuran	7.53	42	64905	220.251	ug/l	88
30) Chloroform	7.68	83	192455	47.486	ug/l	98
31) Cyclohexane	7.95	56	159237	42.186	ug/l	88
32) 1,1,1-Trichloroethane	7.87	97	185589	47.446	ug/l	99
36) 1,1-Dichloropropene	8.08	75	152301	48.458	ug/l	98
37) Ethyl Acetate	7.26	43	46108	45.204	ug/l	98
38) Carbon Tetrachloride	8.07	117	168774	49.140	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191538	45.788	ug/l	94
40) Benzene	8.32	78	401314	47.801	ug/l	97
41) Methacrylonitrile	7.49	41	30357	49.602	ug/l	98
42) 1,2-Dichloroethane	8.40	62	118331	47.878	ug/l	99
43) Isopropyl Acetate	8.42	43	96230	44.982	ug/l	94
44) Trichloroethene	9.09	130	130090	50.658	ug/l	95
45) 1,2-Dichloropropane	9.37	63	93542	47.912	ug/l	98
46) Dibromomethane	9.46	93	54518	48.273	ug/l #	88
47) Bromodichloromethane	9.65	83	145907	48.328	ug/l	99
48) Methyl methacrylate	9.43	41	43028	42.547	ug/l #	80
49) 1,4-Dioxane	9.45	88	15839	1052.011	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	227452	226.490	ug/l	97
52) Toluene	10.38	92	285432	48.578	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	140639	47.243	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	166748	48.190	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	75959	48.032	ug/l	99
56) Ethyl methacrylate	10.65	69	92749	45.526	ug/l	93
57) 1,3-Dichloropropane	10.93	76	125914	48.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	230073	243.588	ug/l #	89
59) 2-Hexanone	10.96	43	171485	239.214	ug/l	97
60) Dibromochloromethane	11.13	129	103717	49.672	ug/l	100
61) 1,2-Dibromoethane	11.23	107	73091	47.366	ug/l	97
64) Tetrachloroethene	10.86	164	116434	50.106	ug/l	93
65) Chlorobenzene	11.66	112	311952	48.827	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	115011	50.086	ug/l	98
67) Ethyl Benzene	11.73	91	578420	48.547	ug/l	100
68) m/p-Xylenes	11.83	106	460620	98.629	ug/l	99
69) o-Xylene	12.16	106	214753	49.265	ug/l	99
70) Styrene	12.18	104	366714	49.352	ug/l	99
71) Bromoform	12.35	173	63359	48.969	ug/l	98
73) Isopropylbenzene	12.46	105	600741	48.775	ug/l	100
74) N-amyl acetate	12.27	43	94874	44.277	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	79287	45.340	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	109034	79.341	ug/l #	100
77) Bromobenzene	12.74	156	141698	50.075	ug/l	81
78) n-propylbenzene	12.80	91	687089	47.913	ug/l	95
79) 2-Chlorotoluene	12.89	91	394407	48.803	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	515686	48.605	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	28075	44.659	ug/l	94
82) 4-Chlorotoluene	12.99	91	415962	48.477	ug/l	97
83) tert-Butylbenzene	13.21	119	456111	49.187	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	513789	49.098	ug/l	100
85) sec-Butylbenzene	13.38	105	615975	48.098	ug/l	97
86) p-Isopropyltoluene	13.50	119	581113	48.833	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	278553	49.543	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	276997	50.259	ug/l	97
89) n-Butylbenzene	13.82	91	515928	47.434	ug/l	97
90) Hexachloroethane	14.09	117	105075	48.148	ug/l	73
91) 1,2-Dichlorobenzene	13.87	146	246723	50.498	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	14451	45.664	ug/l	85

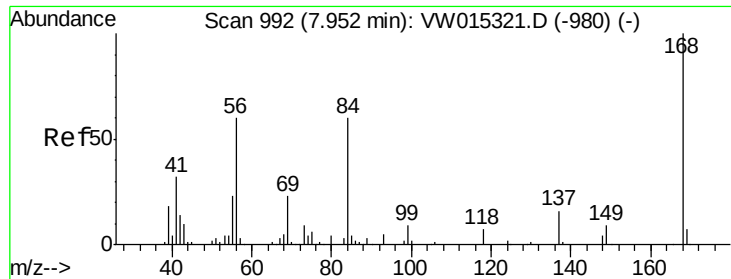
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	164968	48.577	ug/l	96
94) Hexachlorobutadiene	15.23	225	109954	48.564	ug/l	95
95) Naphthalene	15.36	128	266100	48.711	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	139430	50.462	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

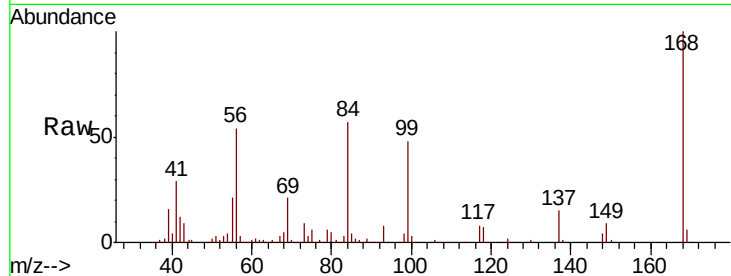
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 249609

Ion Ratio Lower Upper

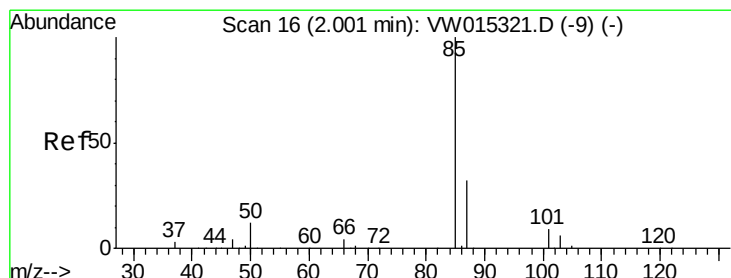
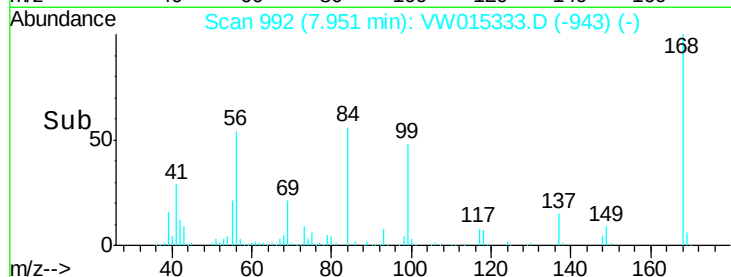
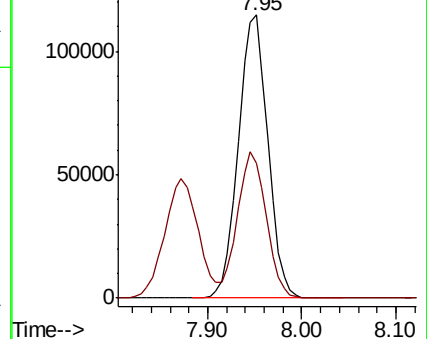
168 100

99 47.8 48.5 72.7#



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 45.160 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015333.D

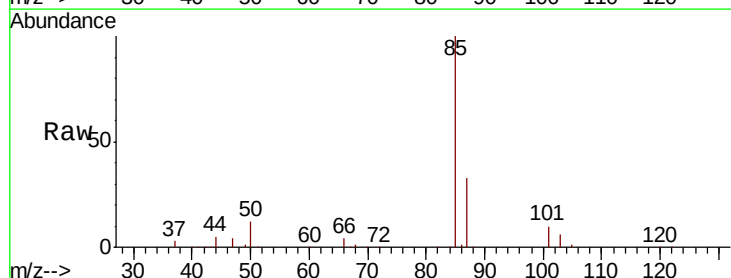
Acq: 24 Apr 2020 10:37

Tgt Ion: 85 Resp: 89016

Ion Ratio Lower Upper

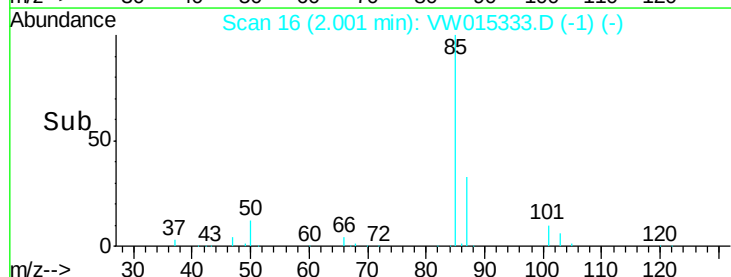
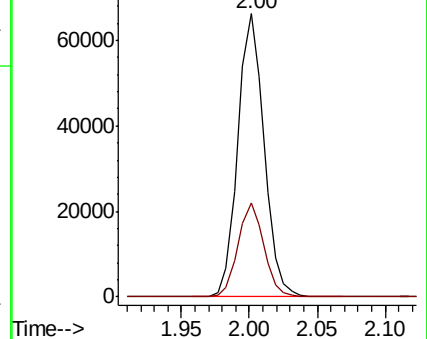
85 100

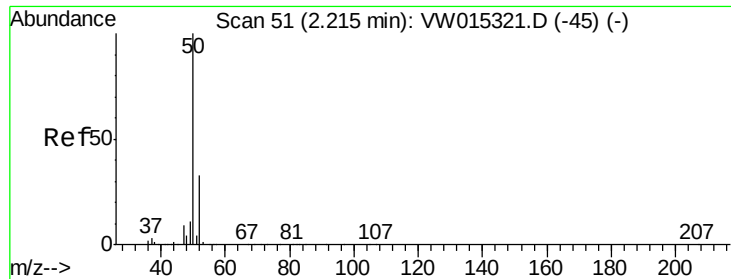
87 33.1 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.595 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

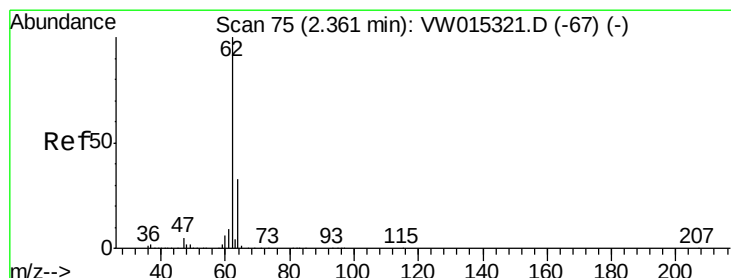
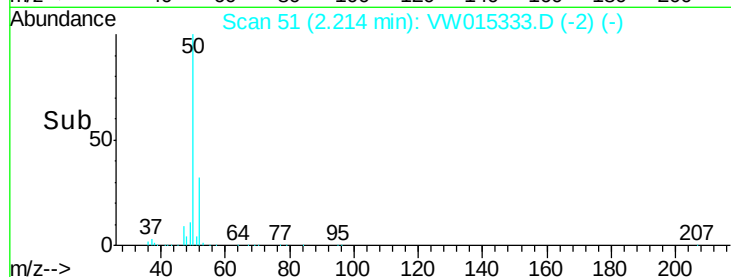
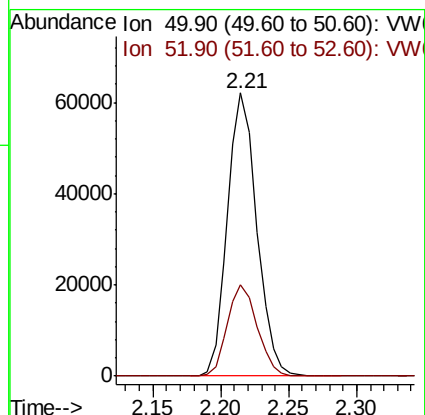
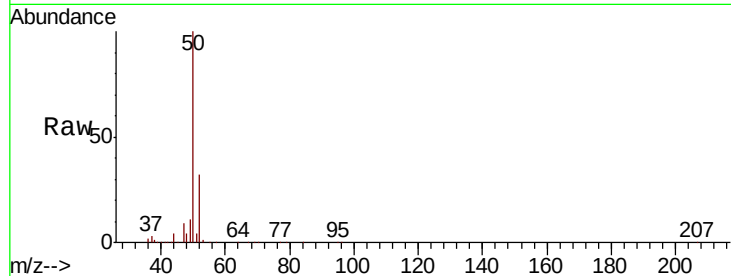
ClientSampleId :

Tot Ion: 50 Resp: 93578

Ion Ratio Lower Upper

50 100

52 32.5 26.5 39.7



#4

Vinyl Chloride

Concen: 44.759 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015333.D

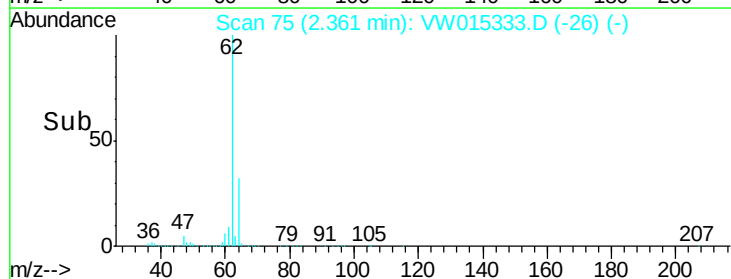
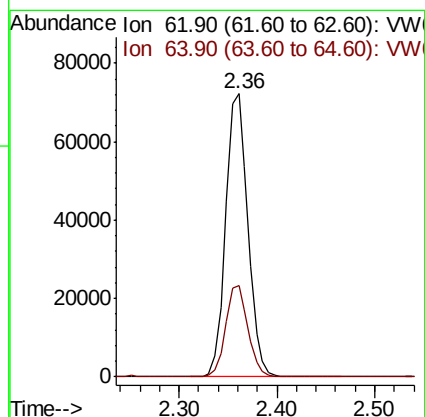
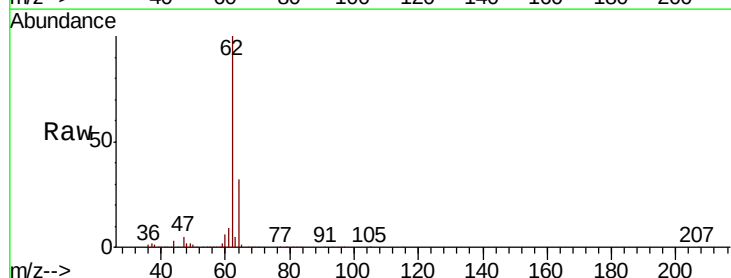
Acq: 24 Apr 2020 10:37

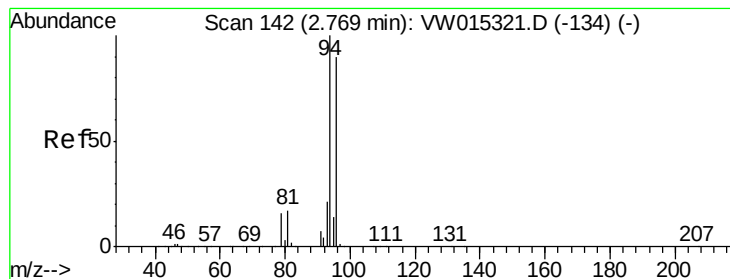
Tgt Ion: 62 Resp: 113453

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 49.324 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

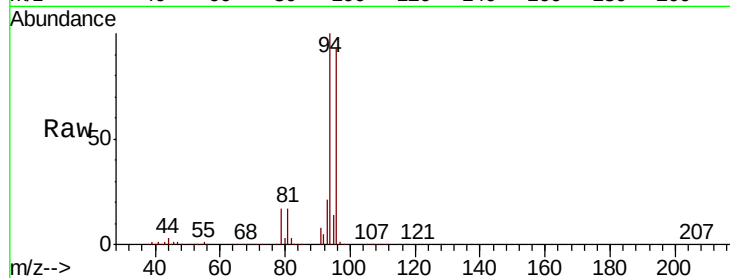
ClientSampled :

Tot Ion: 94 Resp: 88894

Ion Ratio Lower Upper

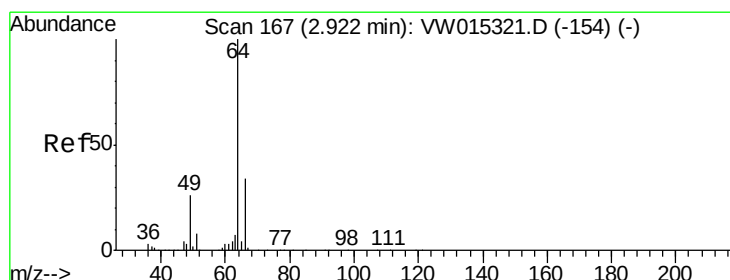
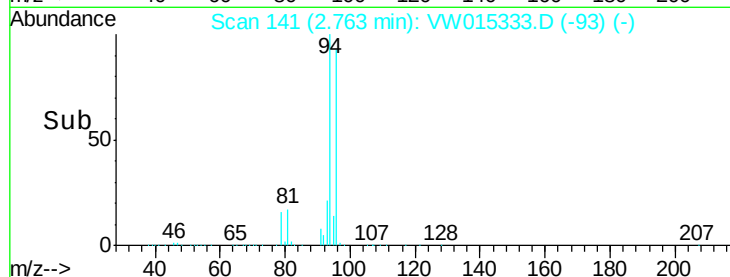
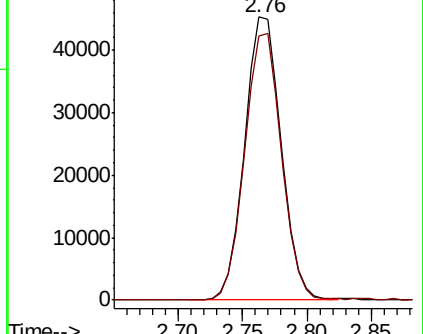
94 100

96 93.0 70.4 105.6



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 43.125 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015333.D

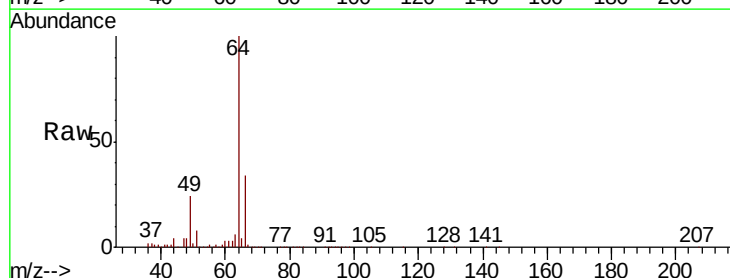
Acq: 24 Apr 2020 10:37

Tgt Ion: 64 Resp: 67805

Ion Ratio Lower Upper

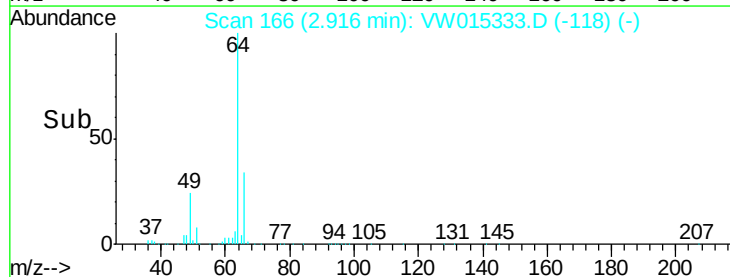
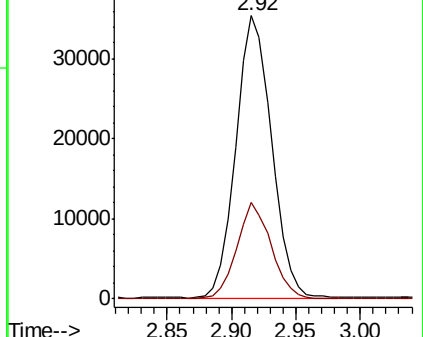
64 100

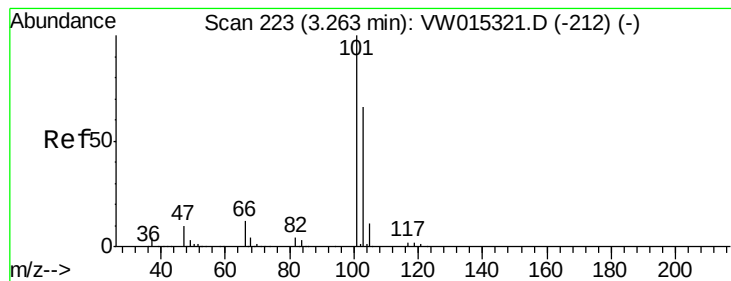
66 34.1 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



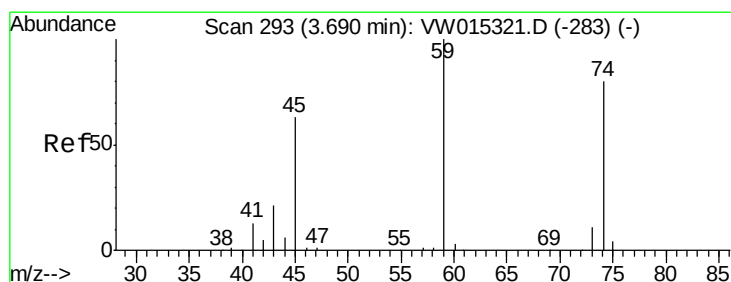
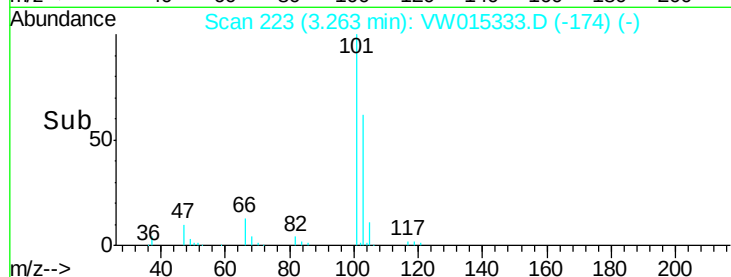
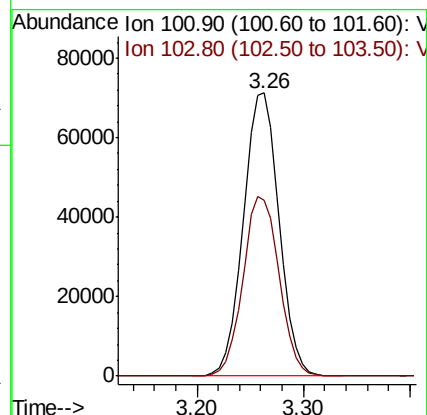
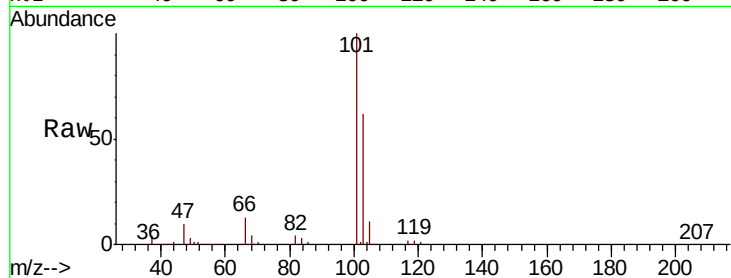


#7

Trichlorofluoromethane
 Concen: 46.770 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :

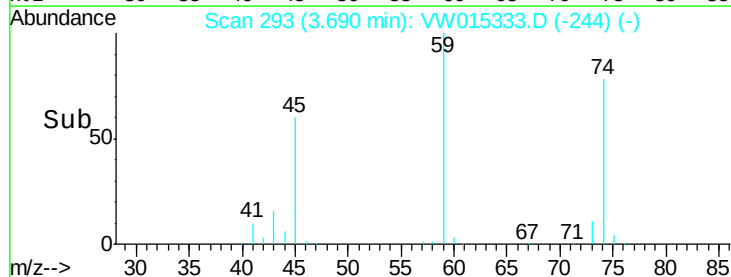
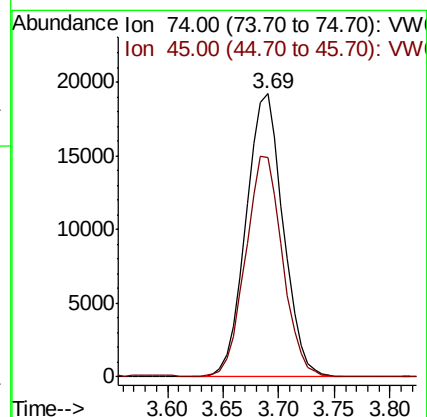
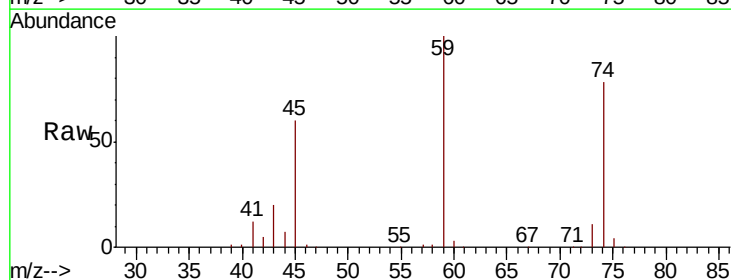
Tot Ion:101 Resp: 167756
 Ion Ratio Lower Upper
 101 100
 103 62.1 51.3 76.9

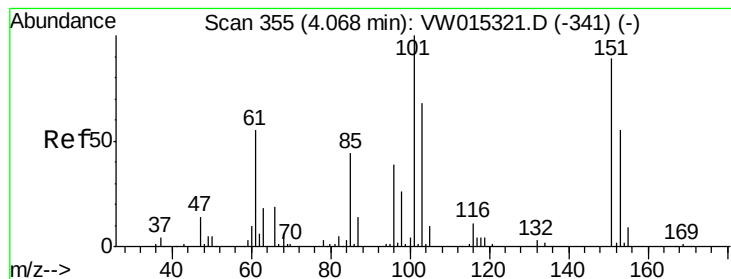


#8

Diethyl Ether
 Concen: 44.223 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion: 74 Resp: 44523
 Ion Ratio Lower Upper
 74 100
 45 78.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.404 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

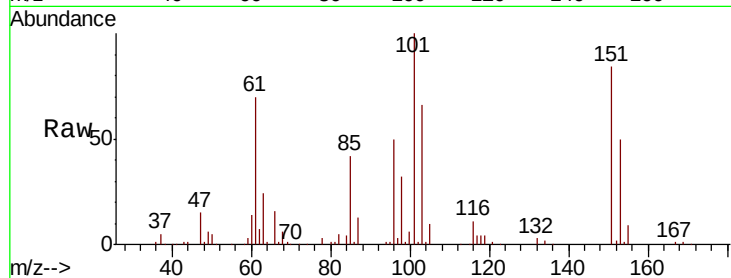
Tot Ion:101 Resp: 102642

Ion Ratio Lower Upper

101 100

85 43.4 35.3 52.9

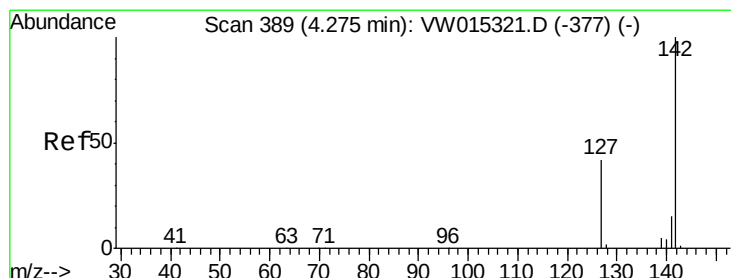
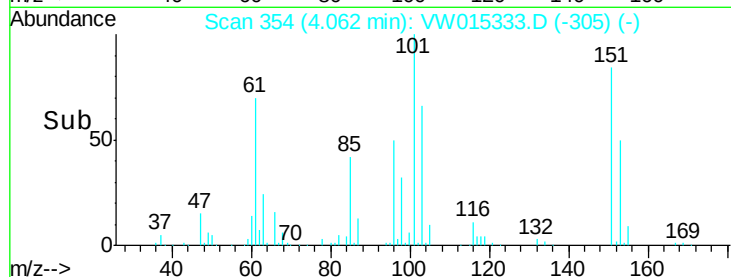
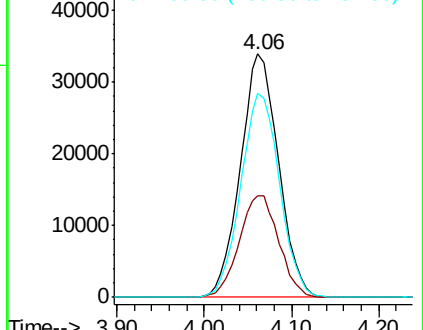
151 85.5 59.3 88.9



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: 45.847 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

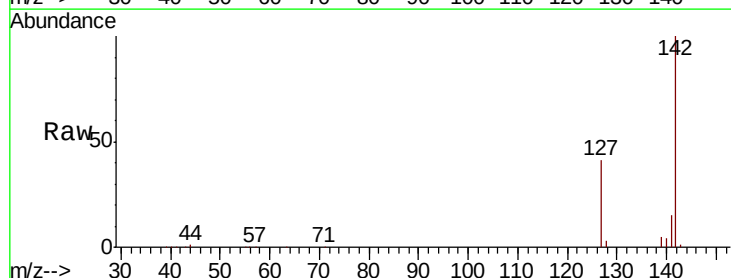
Tgt Ion:142 Resp: 106514

Ion Ratio Lower Upper

142 100

127 40.6 33.9 50.9

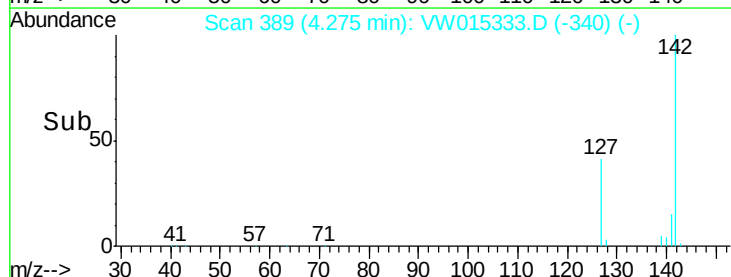
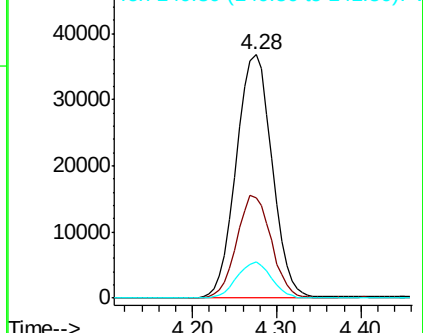
141 14.4 11.4 17.2

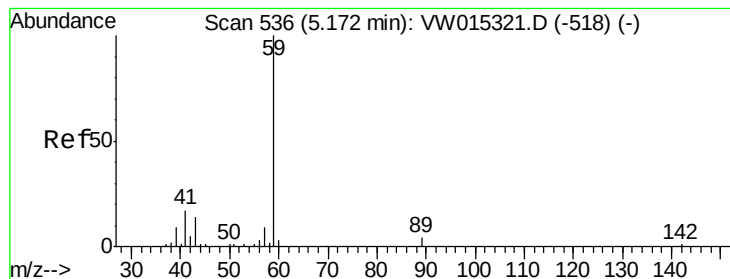


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 209.864 ug/l

RT: 5.17 min Scan# 536

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

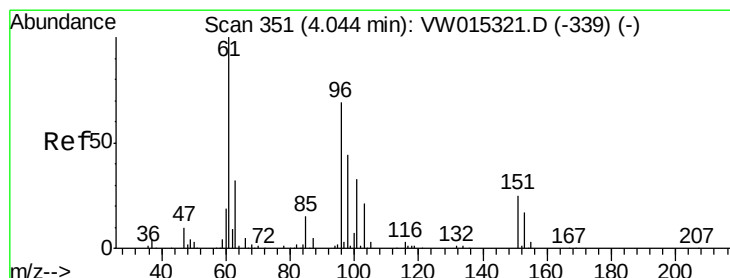
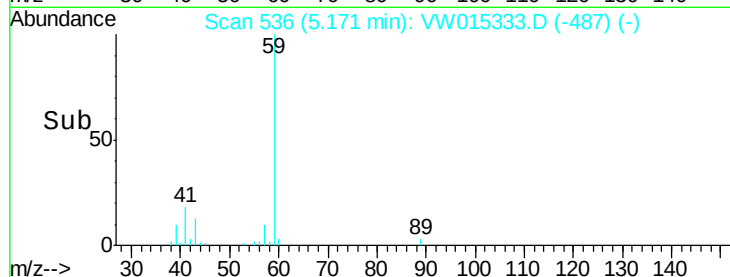
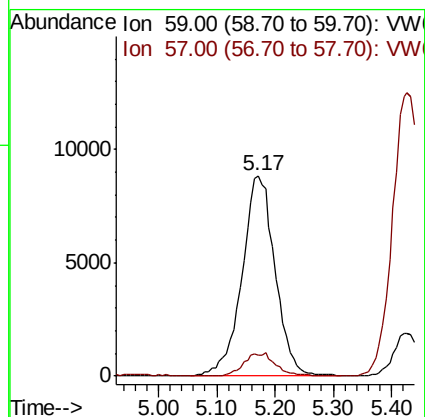
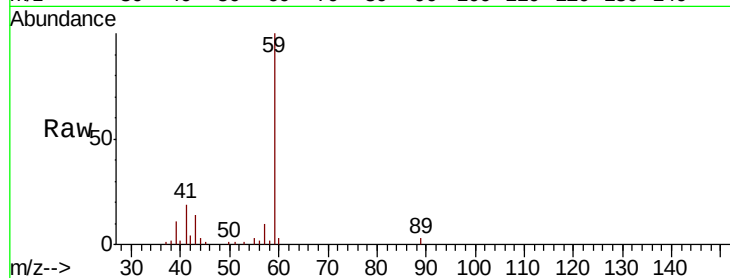
ClientSampled :

Tot Ion: 59 Resp: 34919

Ion Ratio Lower Upper

59 100

57 10.9 8.4 12.6



#12

1,1-Dichloroethene

Concen: 45.947 ug/l

RT: 4.04 min Scan# 351

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

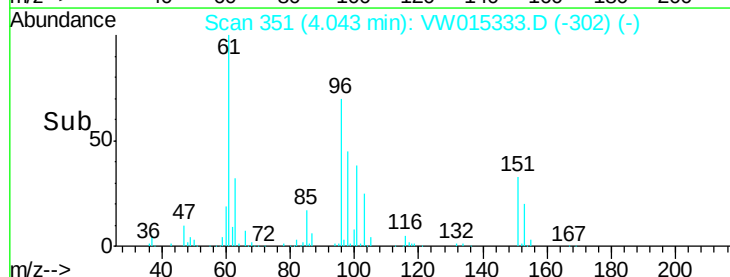
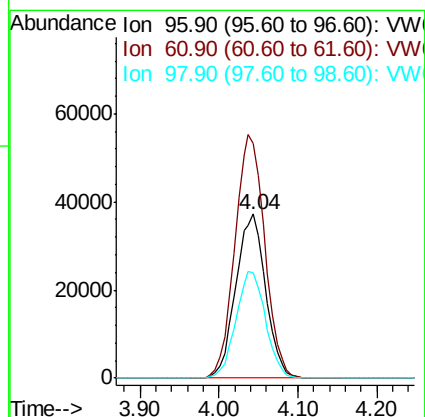
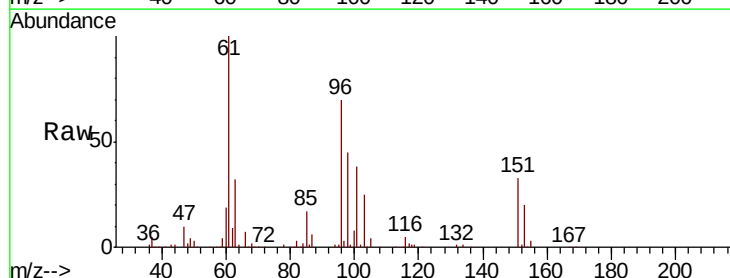
Tgt Ion: 96 Resp: 97823

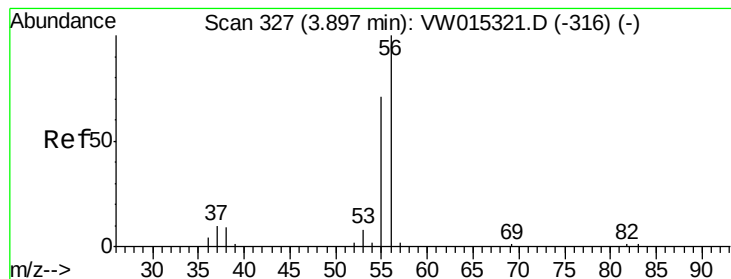
Ion Ratio Lower Upper

96 100

61 143.2 127.0 190.4

98 64.1 51.0 76.4





#13

Acrolein

Concen: 228.988 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

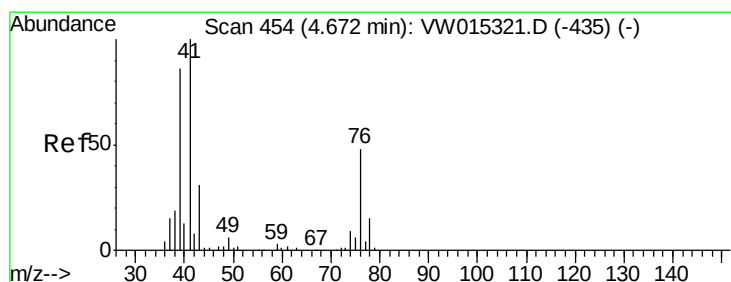
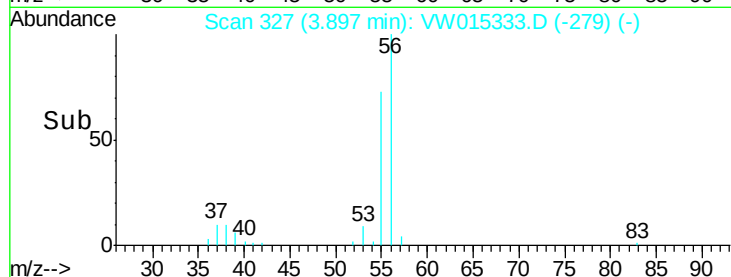
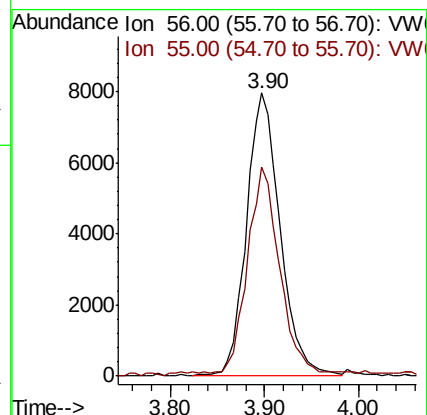
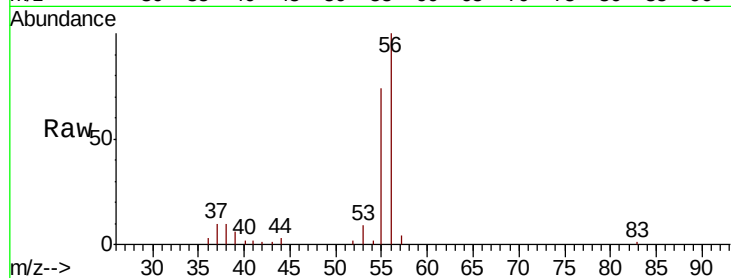
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 19942

Ion Ratio Lower Upper

56 100

55 68.9 56.2 84.2



#14

Allyl chloride

Concen: 43.167 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

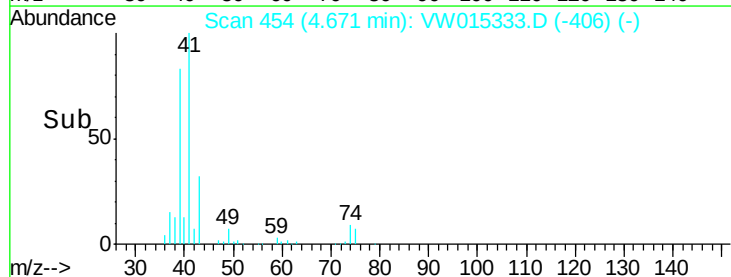
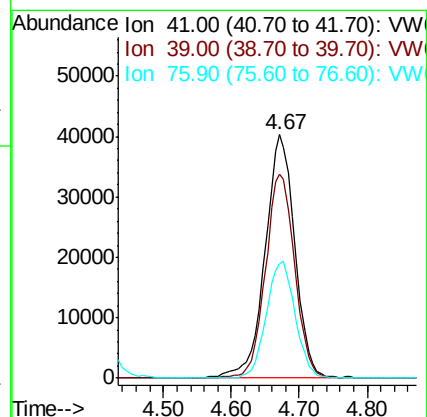
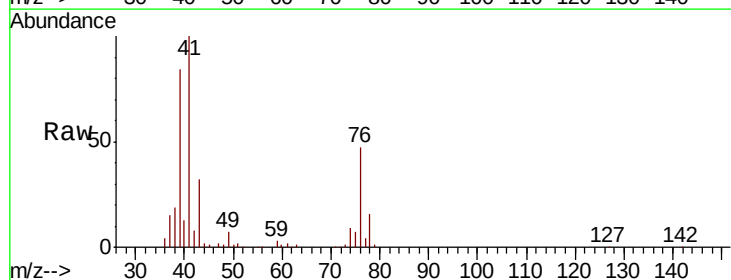
Tgt Ion: 41 Resp: 121920

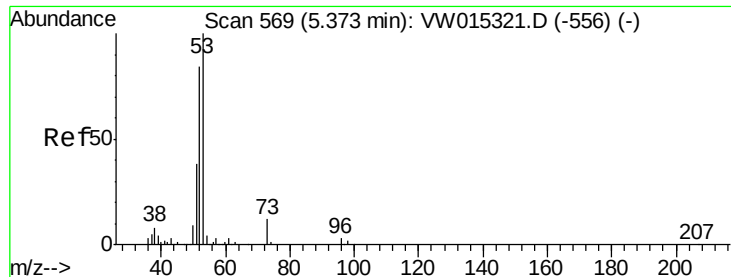
Ion Ratio Lower Upper

41 100

39 83.1 54.0 81.0#

76 46.7 31.8 47.6





#15

Acrylonitrile

Concen: 216.808 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

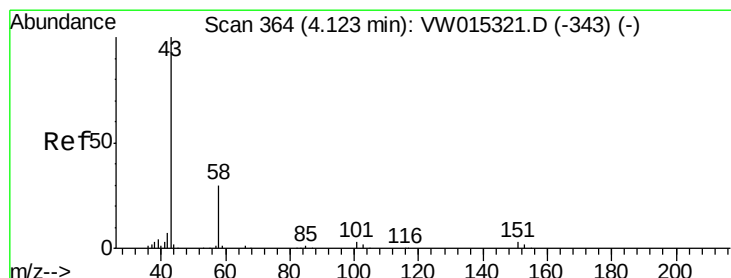
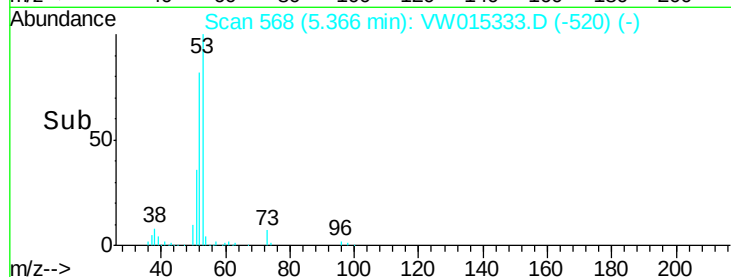
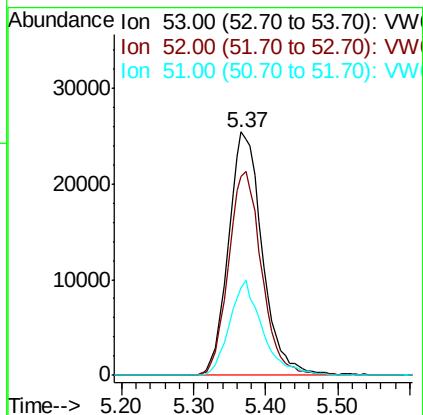
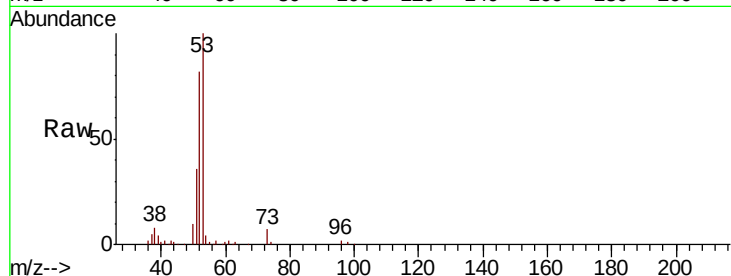
Tot Ion: 53 Resp: 83067

Ion Ratio Lower Upper

53 100

52 82.0 65.2 97.8

51 38.0 28.2 42.4



#16

Acetone

Concen: 246.203 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW015333.D

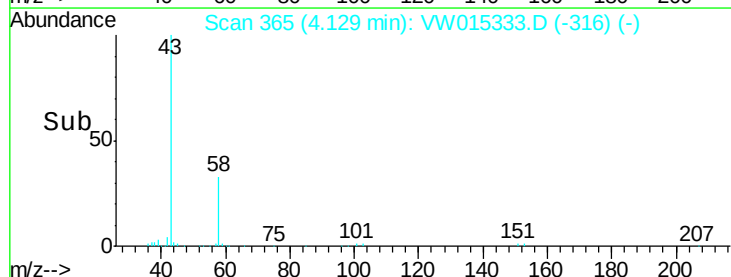
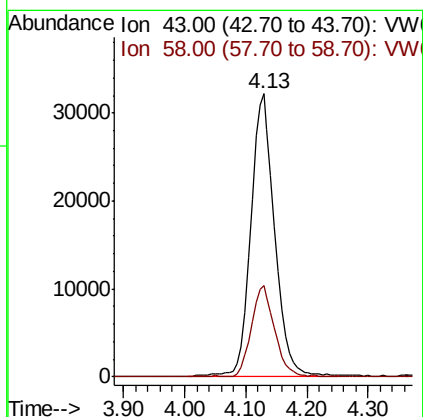
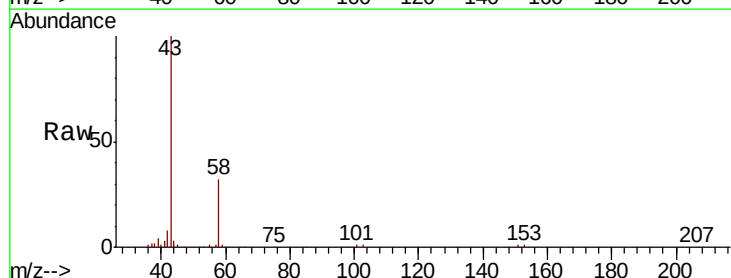
Acq: 24 Apr 2020 10:37

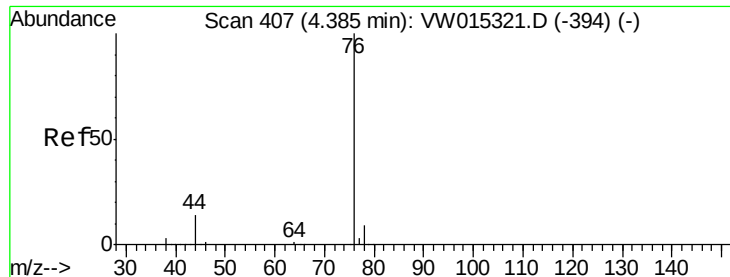
Tgt Ion: 43 Resp: 87775

Ion Ratio Lower Upper

43 100

58 32.3 27.0 40.4

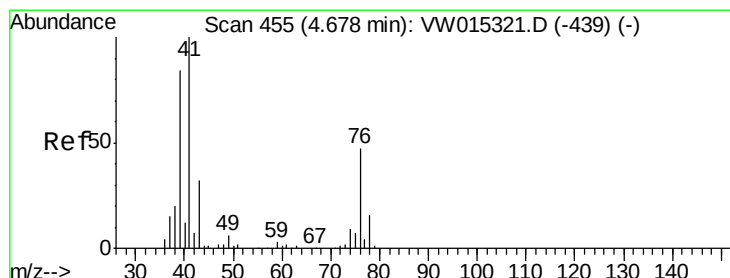
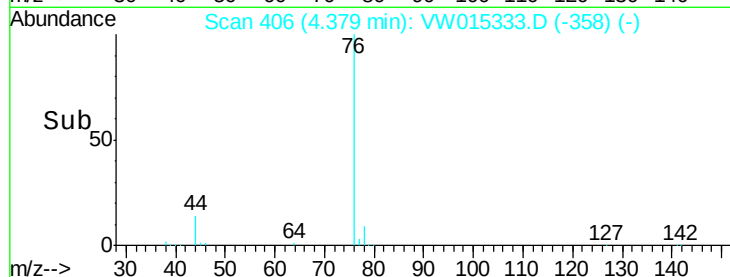
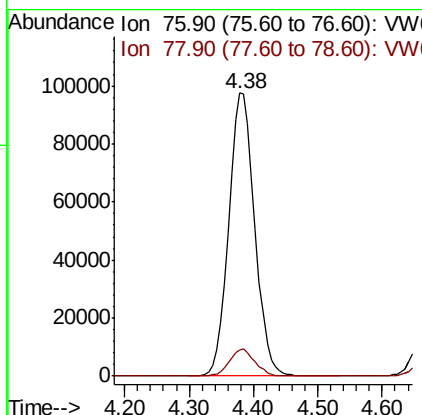
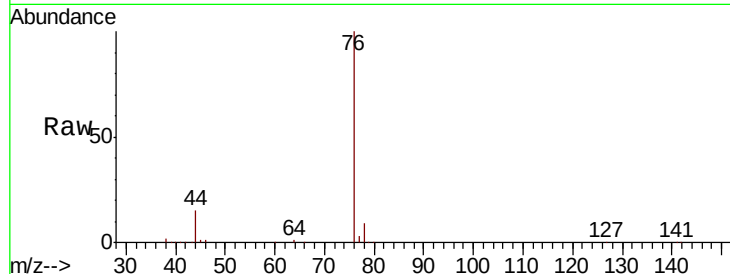




#17
Carbon Disulfide
Concen: 43.463 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

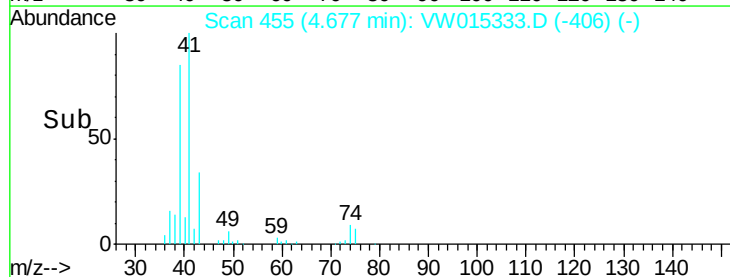
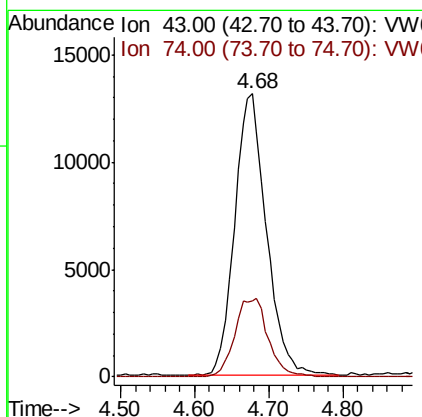
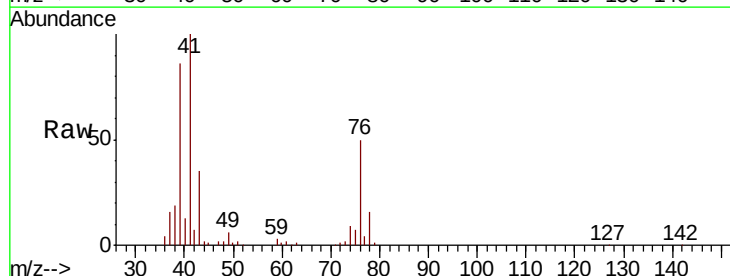
Instrument :
MSVOA_W
ClientSampled :

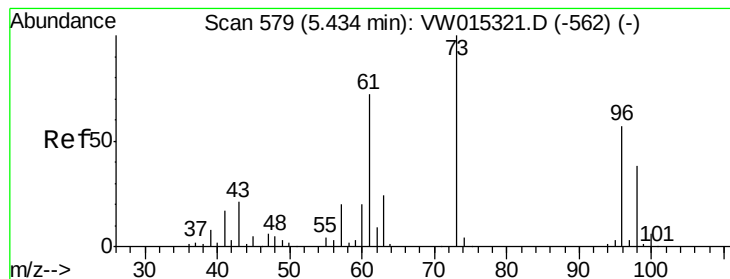
Tot Ion: 76 Resp: 274986
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 41.556 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 43 Resp: 39216
Ion Ratio Lower Upper
43 100
74 29.2 20.6 31.0



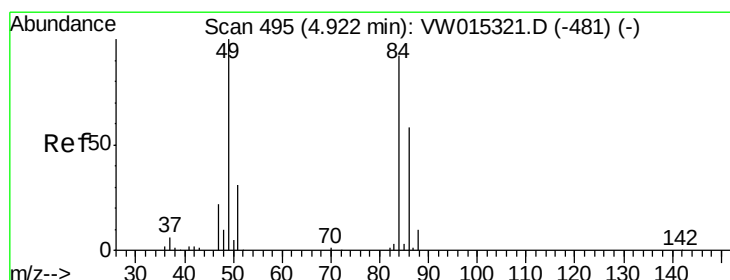
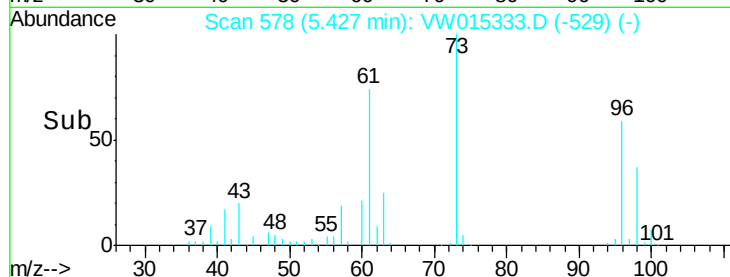
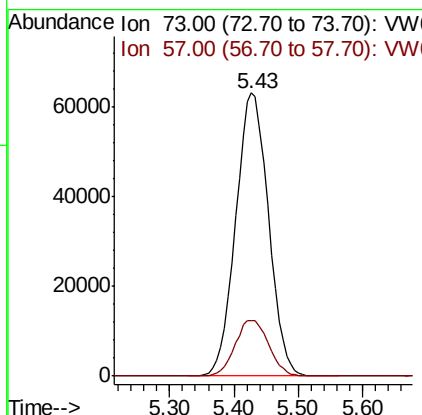
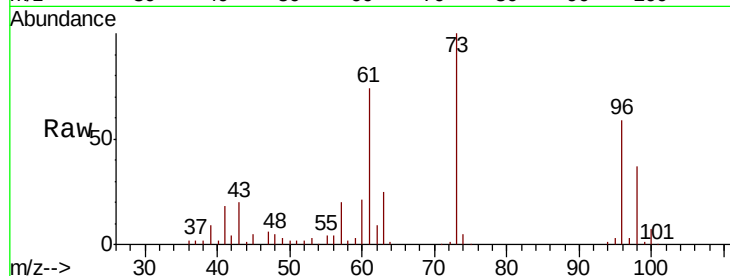


#19

Methyl tert-butyl Ether
 Concen: 45.300 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampleId :

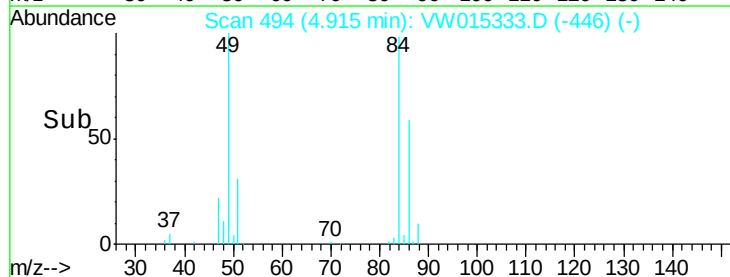
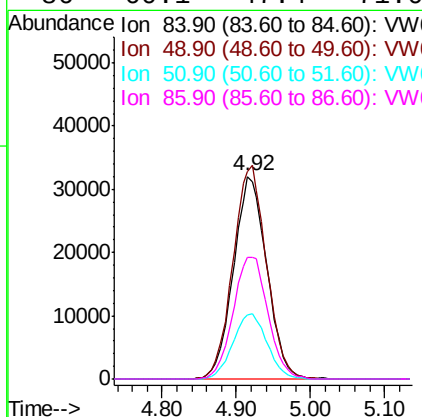
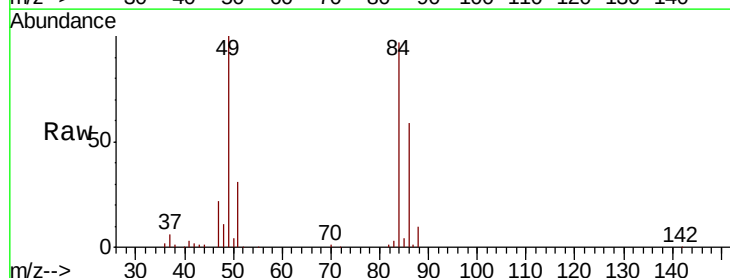
Tot Ion: 73 Resp: 221398
 Ion Ratio Lower Upper
 73 100
 57 19.8 17.8 26.6

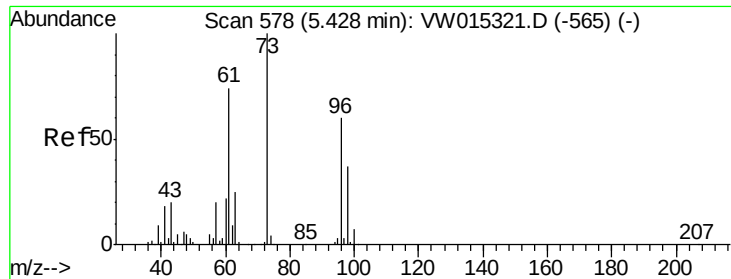


#20

Methylene Chloride
 Concen: 43.027 ug/l
 RT: 4.92 min Scan# 494
 Delta R.T. -0.01 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion: 84 Resp: 100533
 Ion Ratio Lower Upper
 84 100
 49 102.6 95.4 143.0
 51 31.8 29.8 44.8
 86 60.1 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 46.471 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

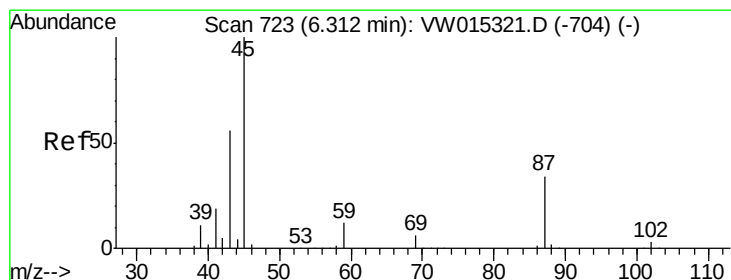
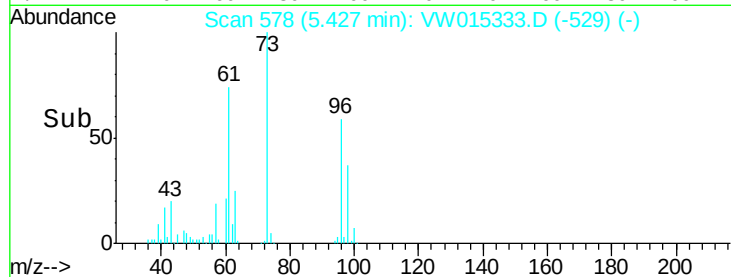
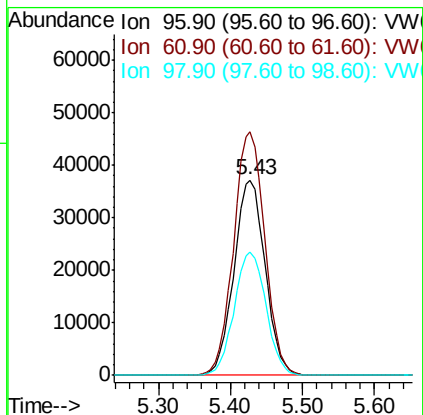
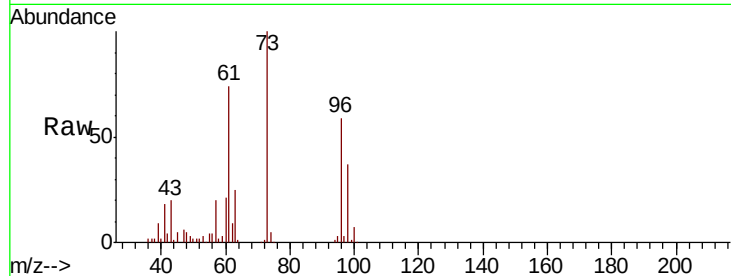
Tot Ion: 96 Resp: 112209

Ion Ratio Lower Upper

96 100

61 124.7 107.8 161.6

98 63.0 50.2 75.2



#22

Diisopropyl ether

Concen: 45.527 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Tgt Ion: 45 Resp: 246682

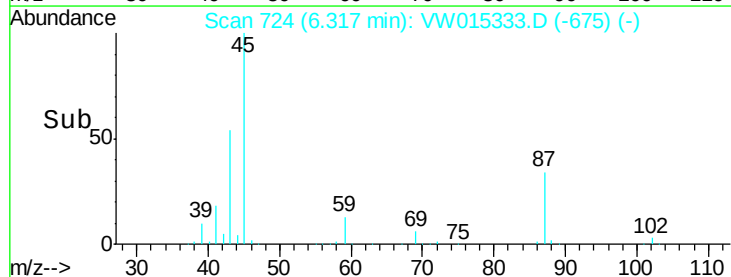
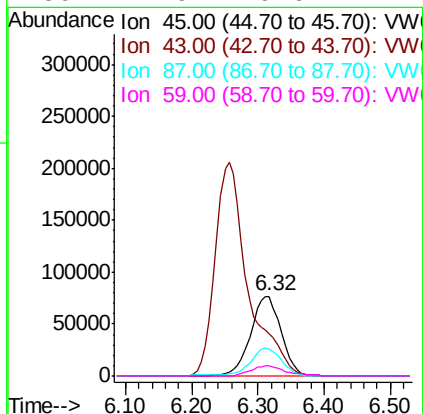
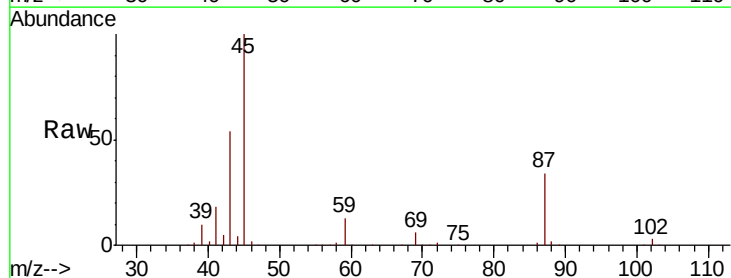
Ion Ratio Lower Upper

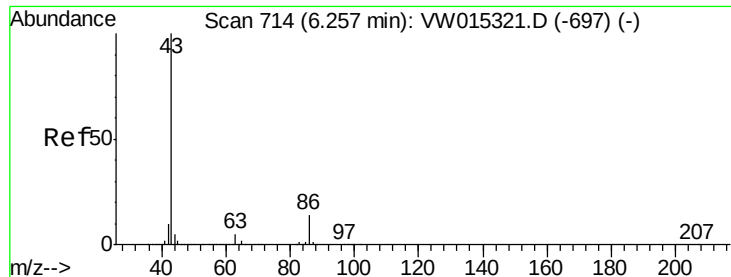
45 100

43 53.3 41.8 62.6

87 34.3 23.2 34.8

59 12.9 9.6 14.4





#23

Vinyl Acetate

Concen: 223.342 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

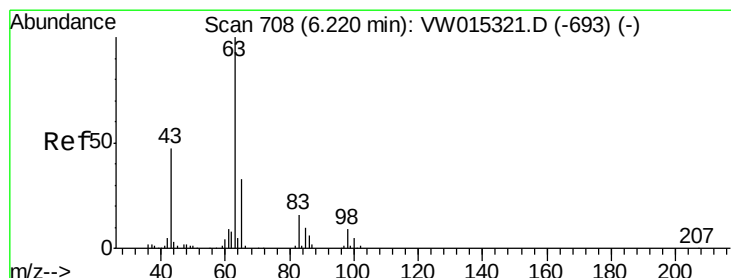
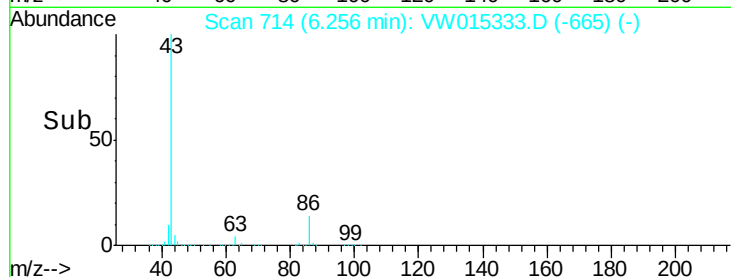
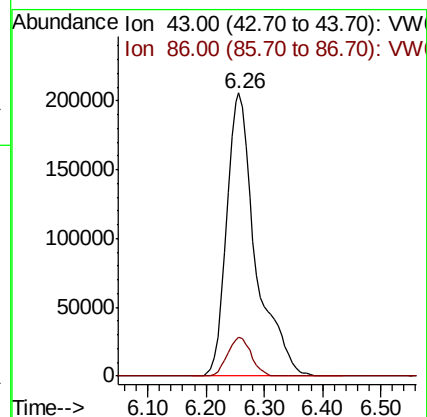
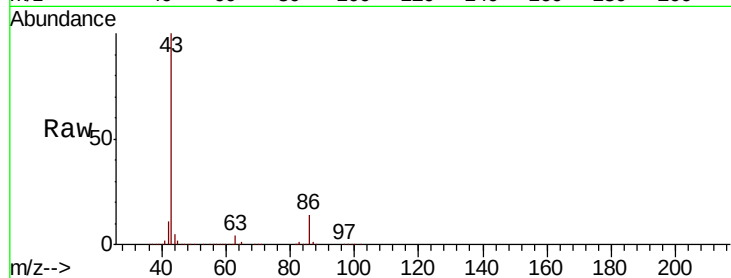
ClientSampled :

Tot Ion: 43 Resp: 710138

Ion Ratio Lower Upper

43 100

86 13.9 9.1 13.7#



#24

1,1-Dichloroethane

Concen: 46.620 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

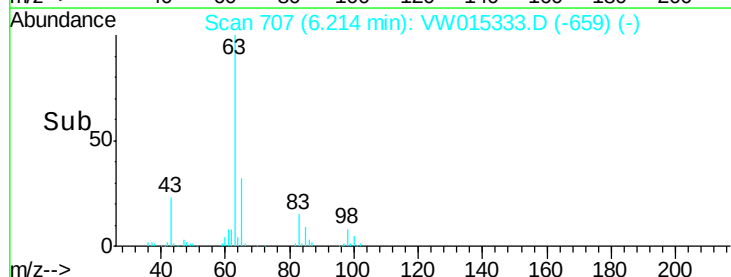
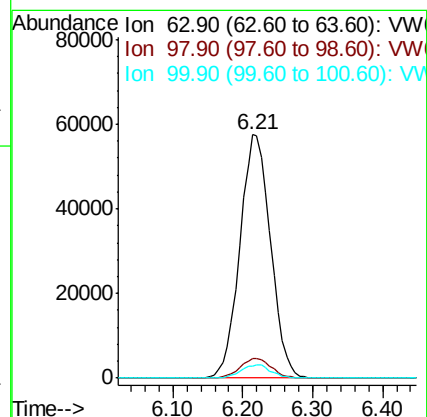
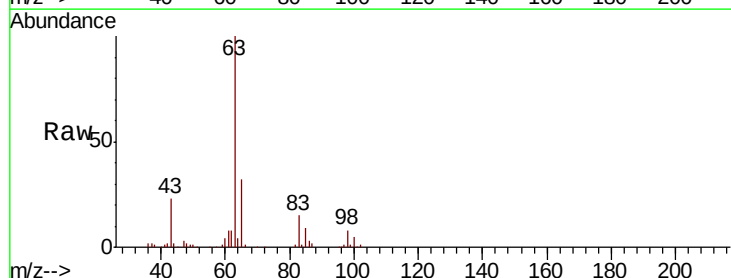
Tgt Ion: 63 Resp: 175067

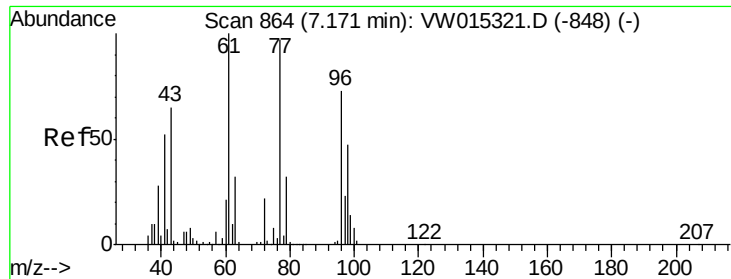
Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 237.719 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

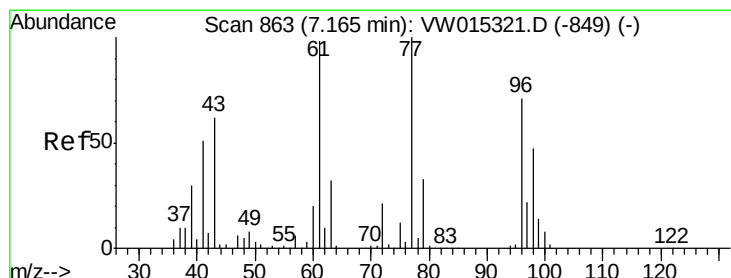
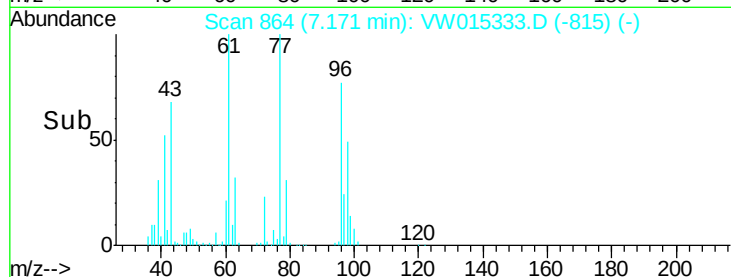
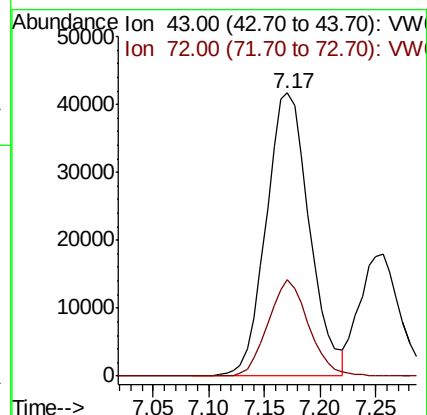
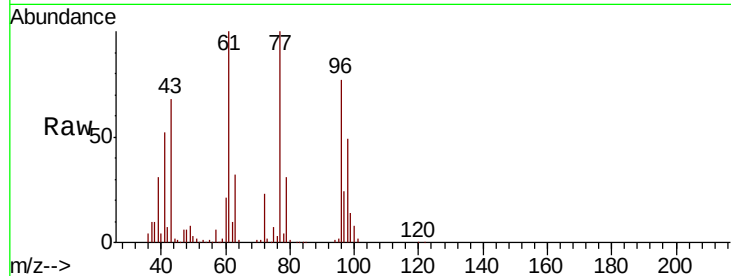
ClientSampleId :

Tot Ion: 43 Resp: 112441

Ion Ratio Lower Upper

43 100

72 34.1 21.6 32.4#



#26

2,2-Dichloropropane

Concen: 46.112 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015333.D

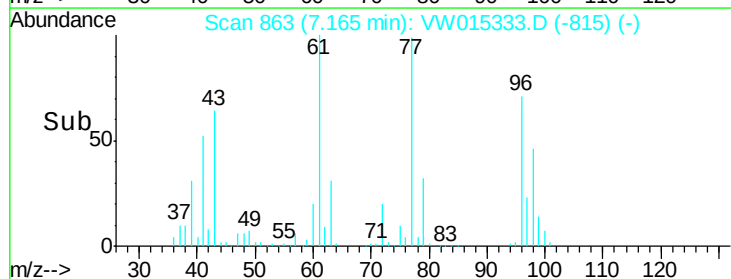
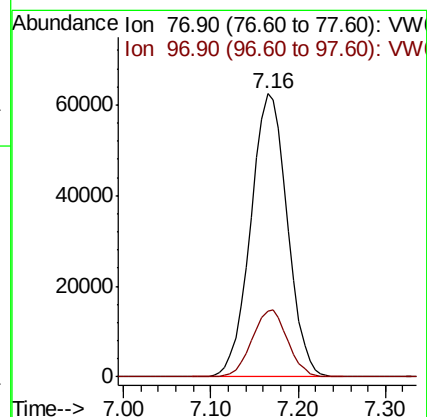
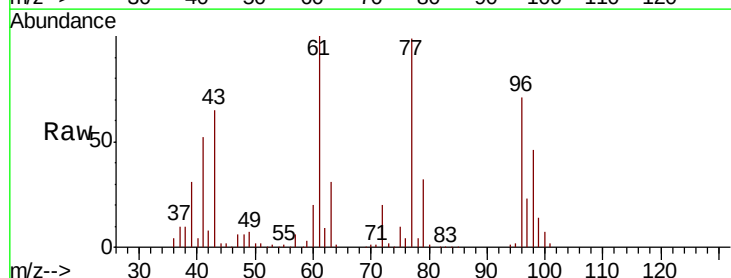
Acq: 24 Apr 2020 10:37

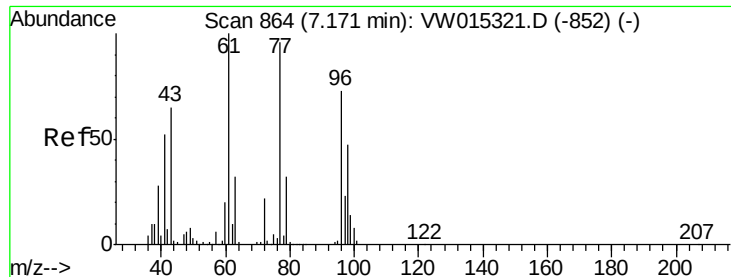
Tgt Ion: 77 Resp: 182168

Ion Ratio Lower Upper

77 100

97 23.0 11.9 35.5



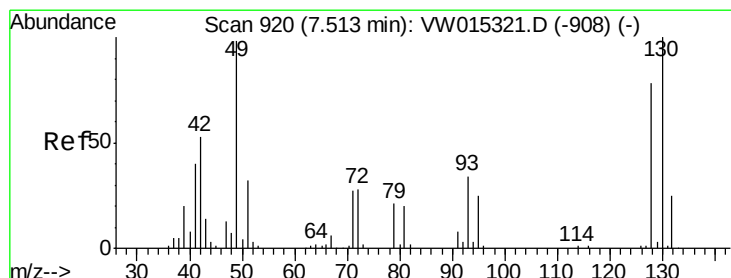
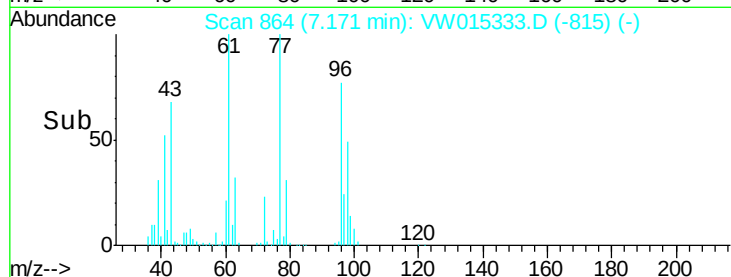
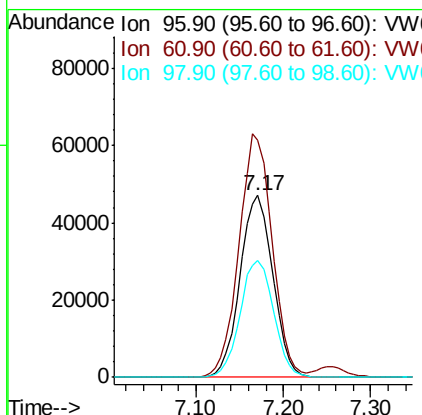
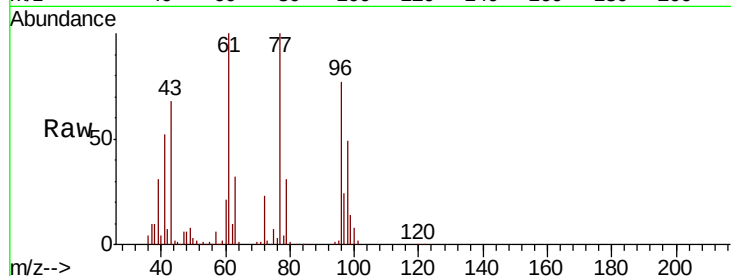


#27

cis-1,2-Dichloroethene
Concen: 47.365 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampled :

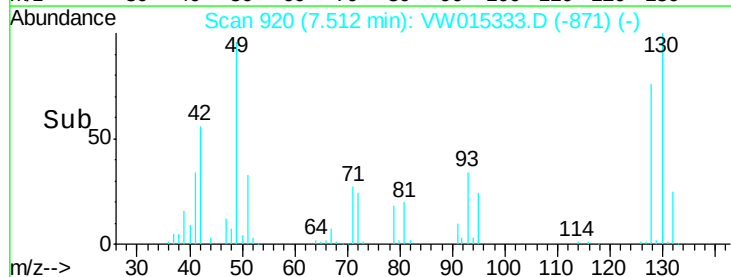
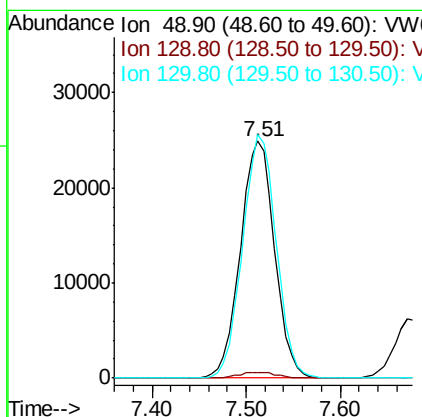
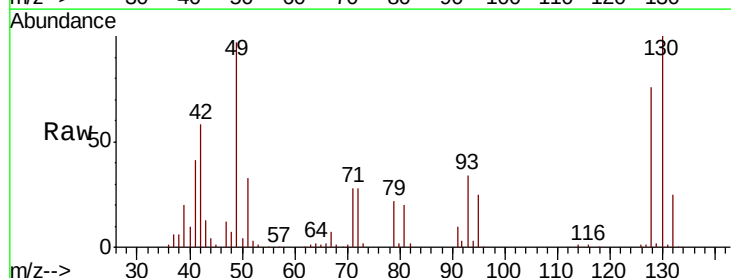
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.9	0.0	275.0
98	65.5	0.0	130.8

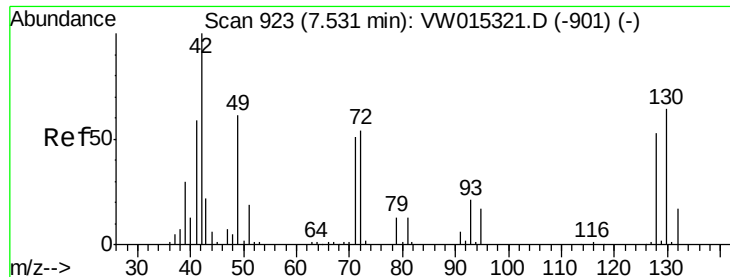


#28

Bromochloromethane
Concen: 46.333 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.6
130	101.4	60.9	91.3#





#29

Tetrahydrofuran

Concen: 220.251 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

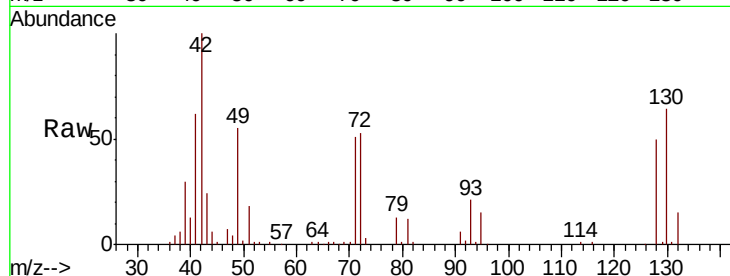
Tot Ion: 42 Resp: 64905

Ion Ratio Lower Upper

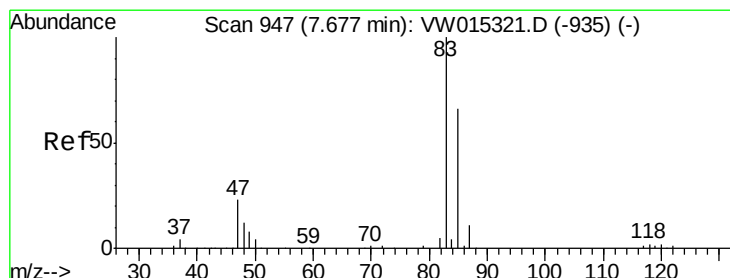
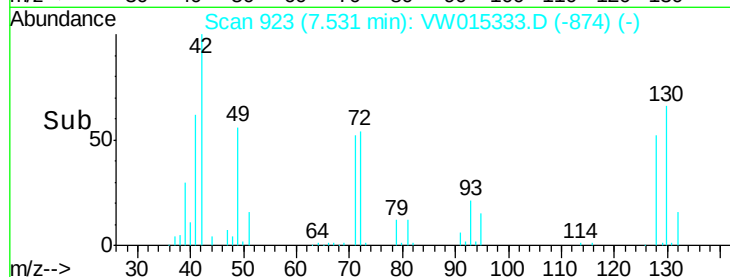
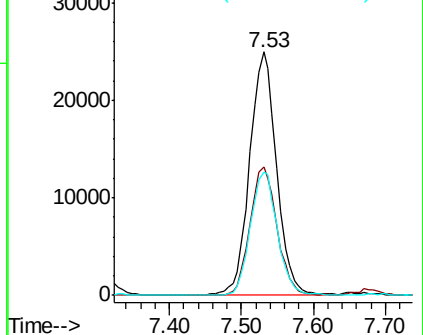
42 100

72 52.7 36.2 54.2

71 50.9 34.2 51.4



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



#30

Chloroform

Concen: 47.486 ug/l

RT: 7.68 min Scan# 947

Delta R.T. -0.00 min

Lab File: VW015333.D

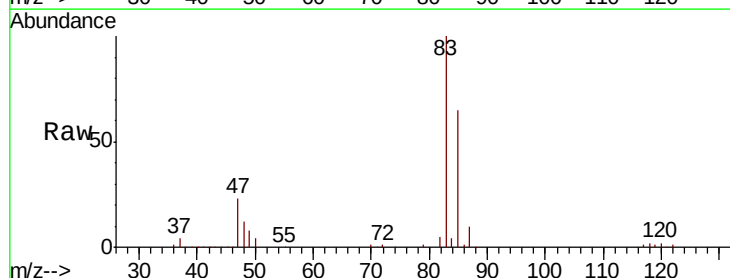
Acq: 24 Apr 2020 10:37

Tgt Ion: 83 Resp: 192455

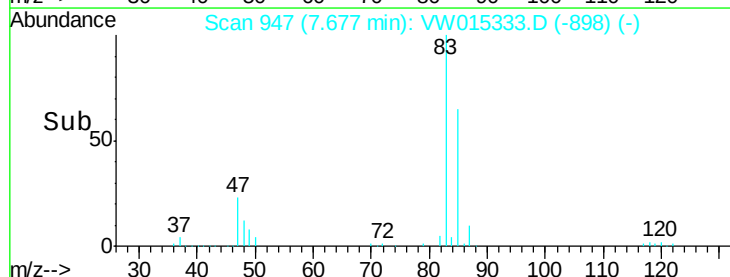
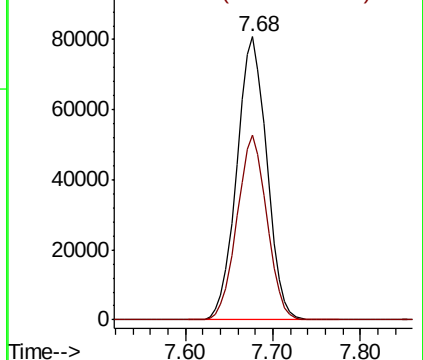
Ion Ratio Lower Upper

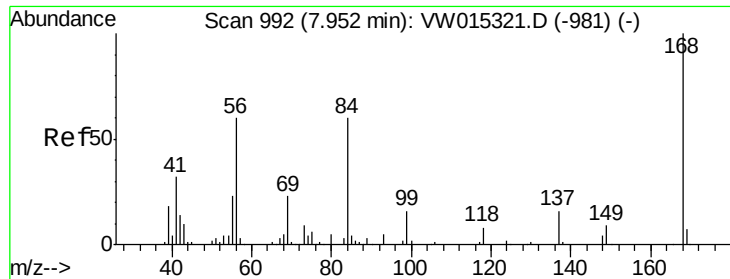
83 100

85 65.2 50.9 76.3



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

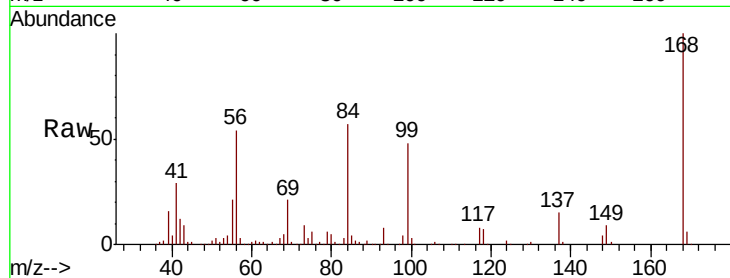




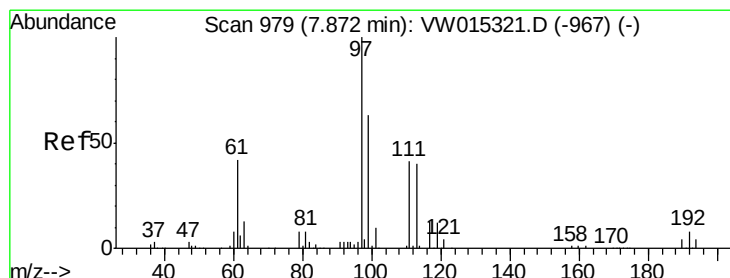
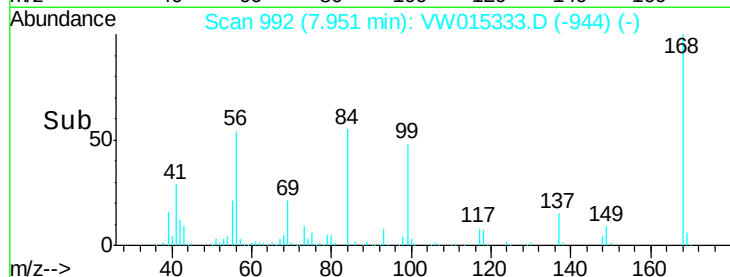
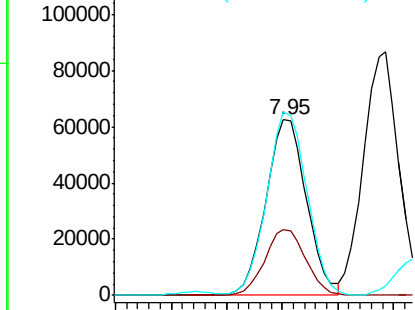
#31
Cyclohexane
Concen: 42.186 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 56 Resp: 159237
Ion Ratio Lower Upper
56 100
69 37.7 27.1 40.7
84 103.0 71.9 107.9

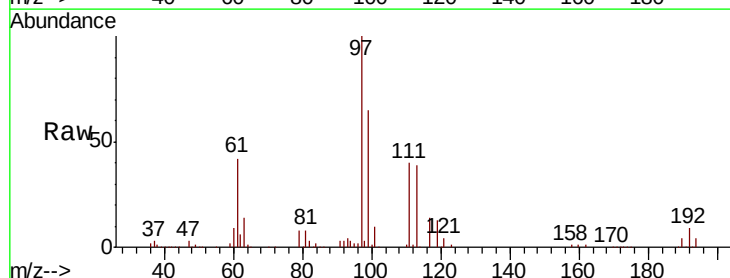


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

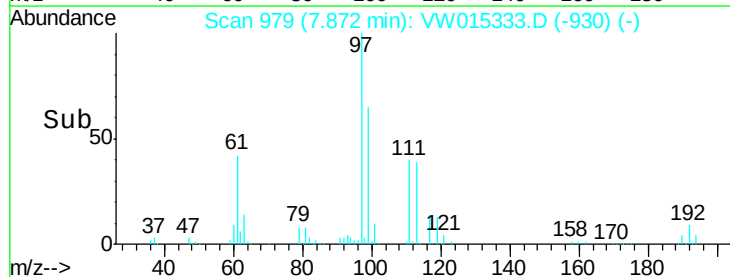
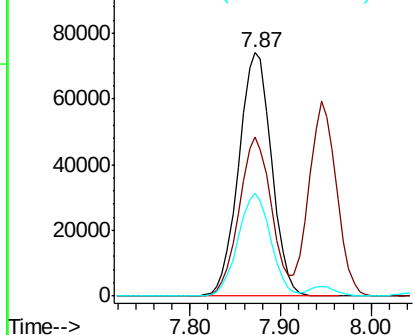


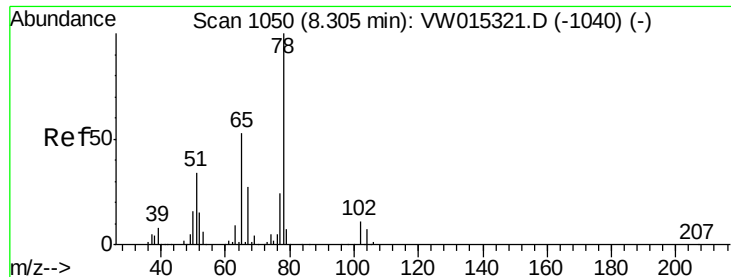
#32
1,1,1-Trichloroethane
Concen: 47.446 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 97 Resp: 185589
Ion Ratio Lower Upper
97 100
99 64.1 52.2 78.2
61 42.0 34.2 51.2



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

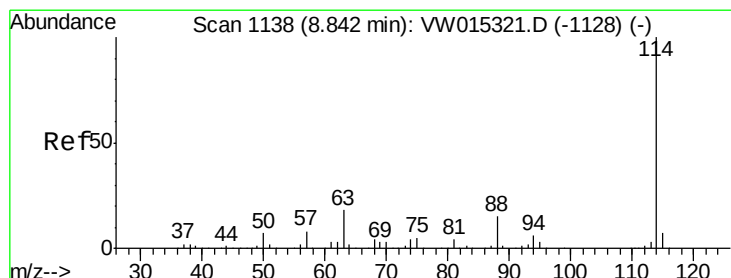
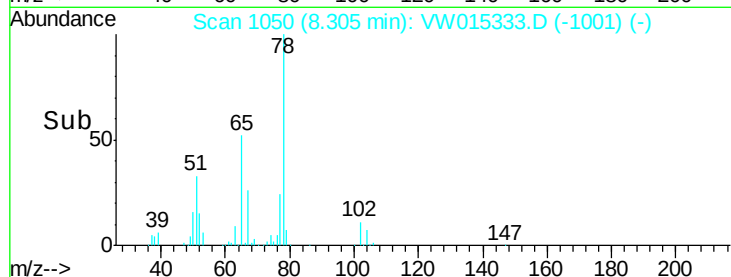
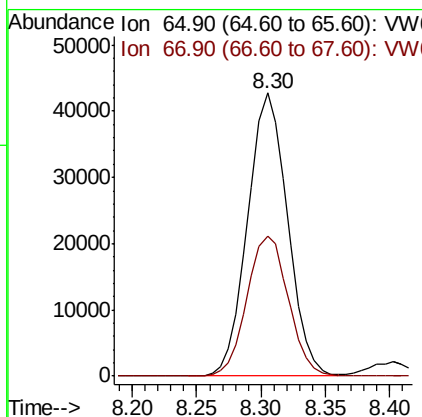
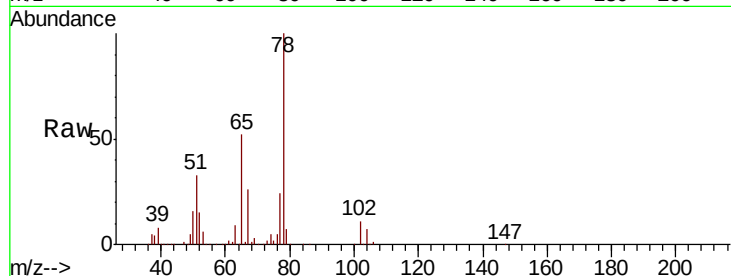




#33
 1,2-Dichloroethane-d4
 Concen: 45.070 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

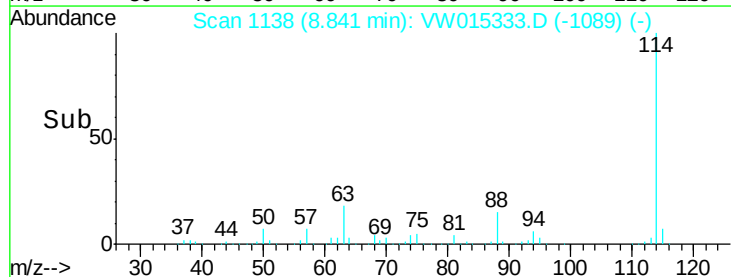
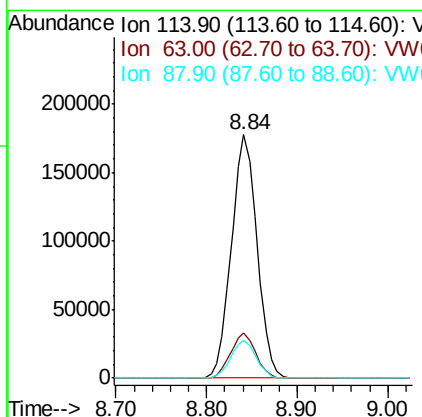
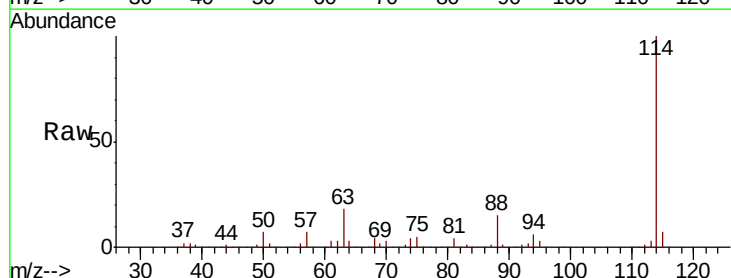
Instrument :
 MSVOA_W
 ClientSampleId :

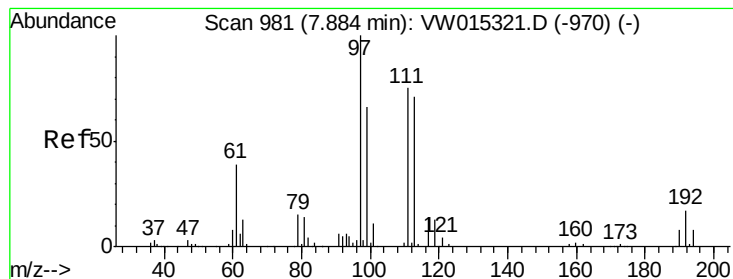
Tot Ion: 65 Resp: 91995
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion: 114 Resp: 348221
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 39.8
 88 15.3 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.980 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

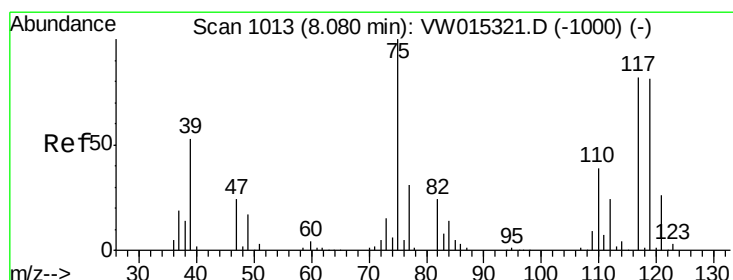
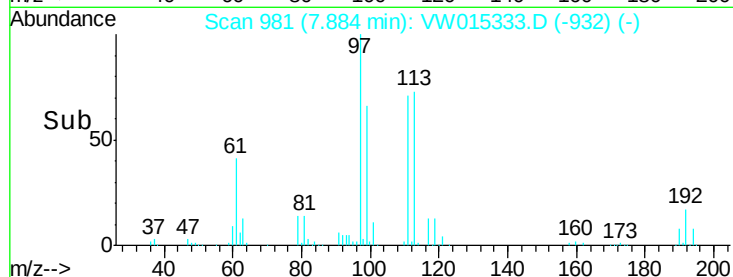
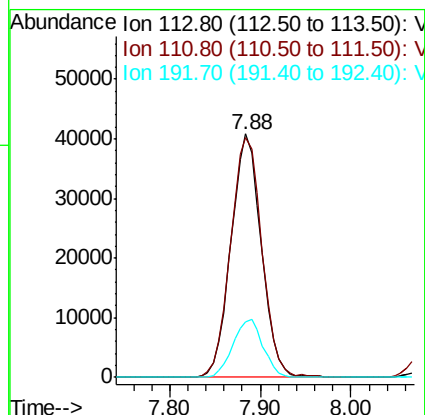
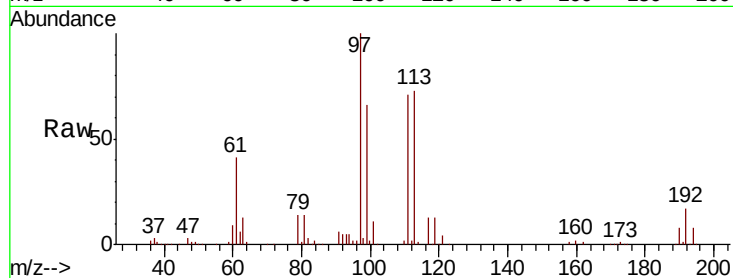
Tot Ion:113 Resp: 94476

Ion Ratio Lower Upper

113 100

111 101.9 83.0 124.4

192 23.7 15.1 22.7#



#36

1,1-Dichloropropene

Concen: 48.458 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

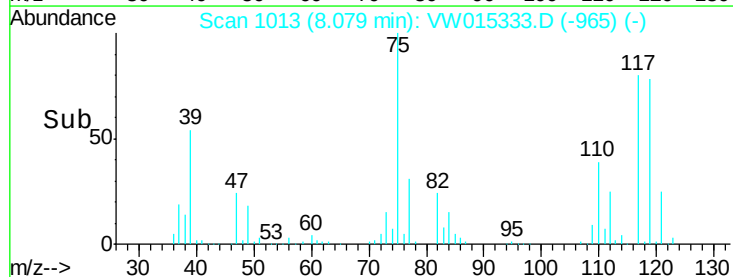
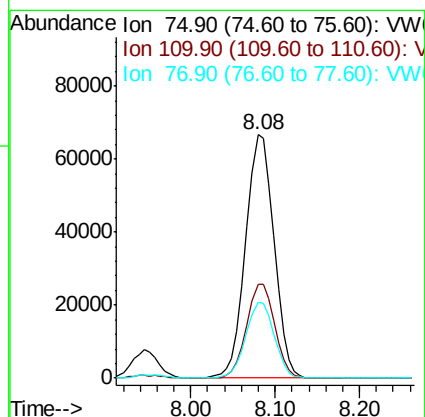
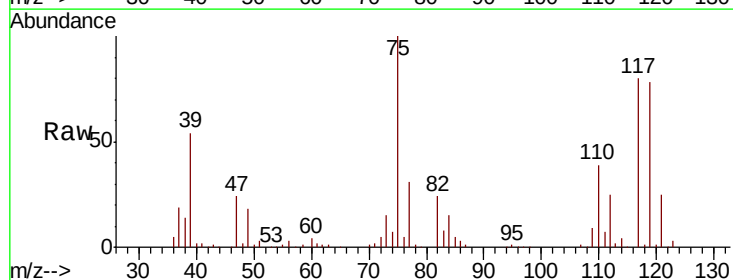
Tgt Ion: 75 Resp: 152301

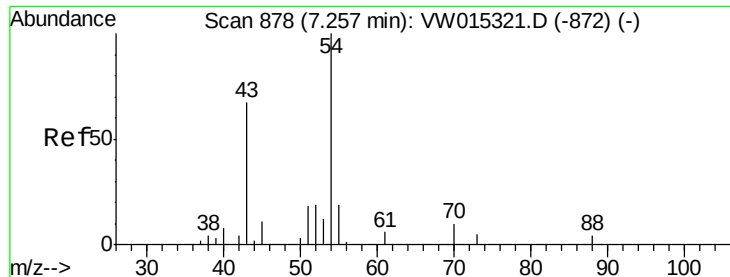
Ion Ratio Lower Upper

75 100

110 38.1 18.2 54.6

77 31.1 24.5 36.7

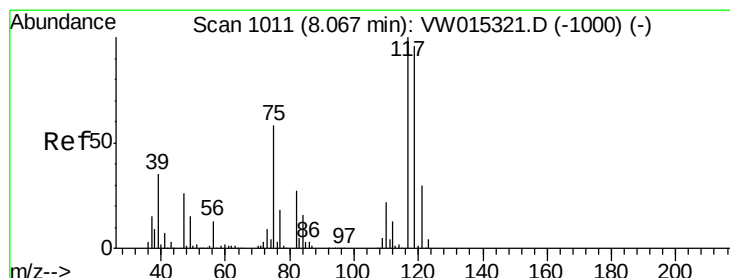
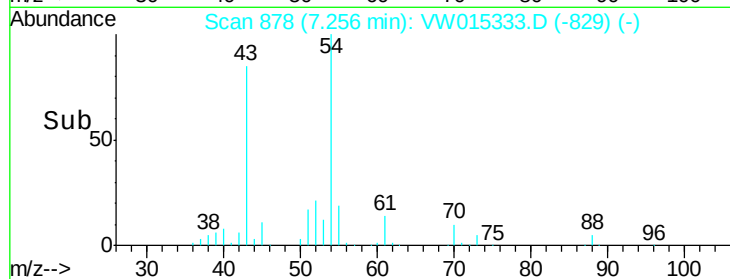
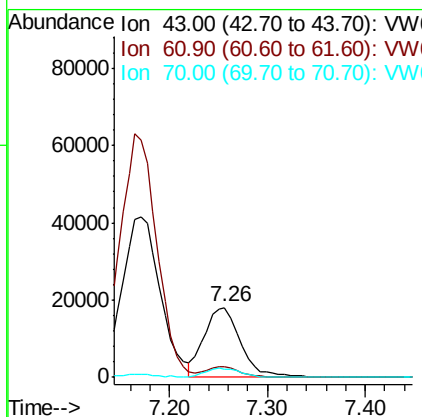
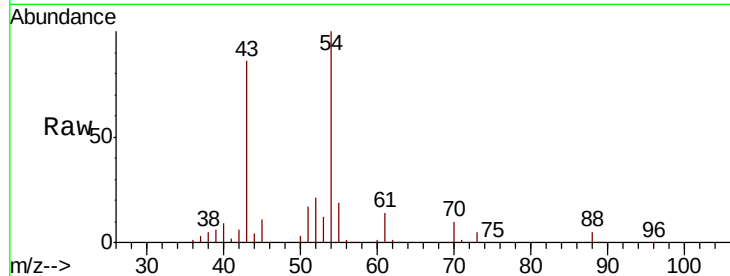




#37
Ethyl Acetate
Concen: 45.204 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

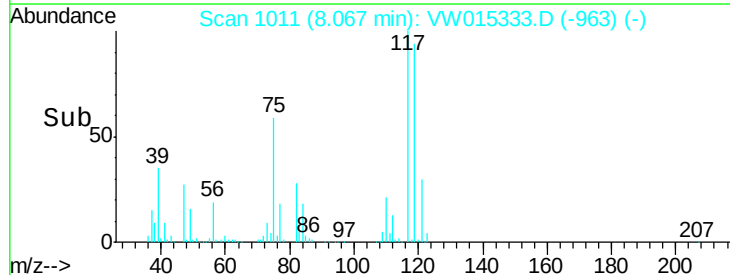
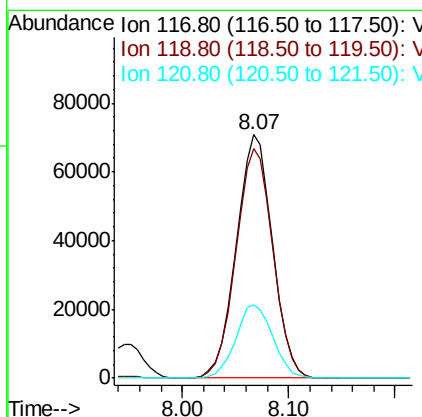
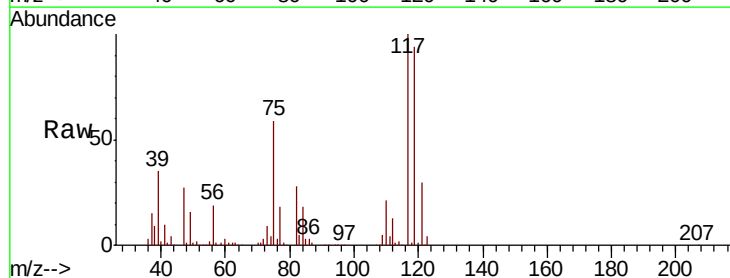
Instrument :
MSVOA_W
ClientSampled :

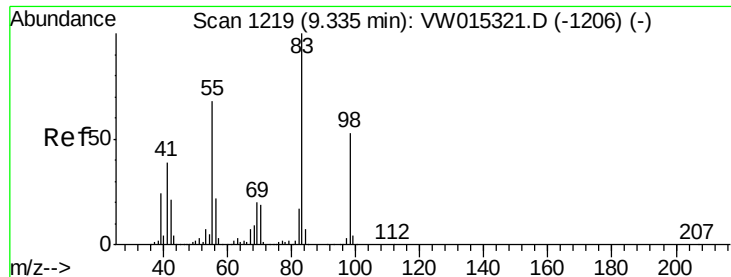
Tot Ion: 43 Resp: 46108
Ion Ratio Lower Upper
43 100
61 14.8 11.9 17.9
70 12.6 8.8 13.2



#38
Carbon Tetrachloride
Concen: 49.140 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 117 Resp: 168774
Ion Ratio Lower Upper
117 100
119 94.4 72.3 108.5
121 30.3 23.7 35.5

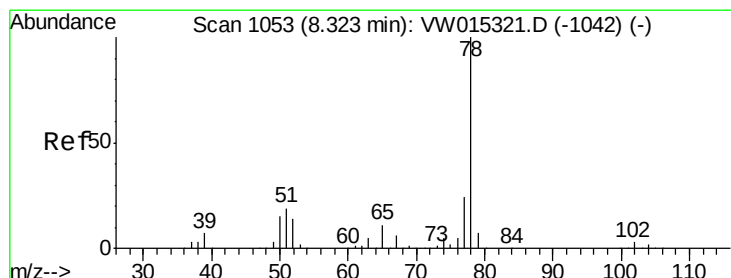
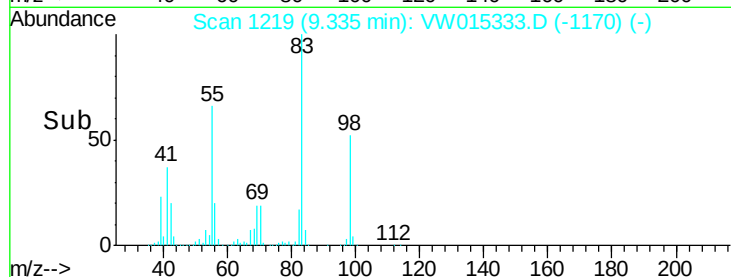
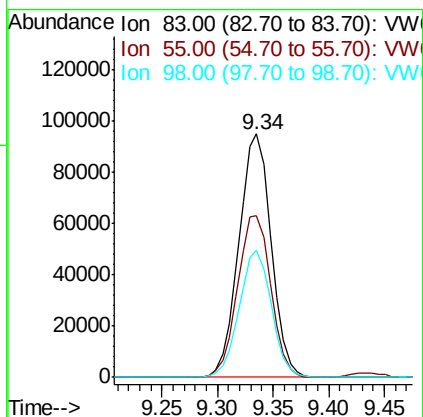
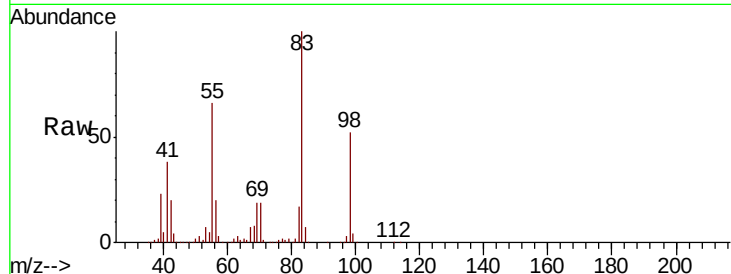




#39
Methylvlcyclohexane
Concen: 45.788 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

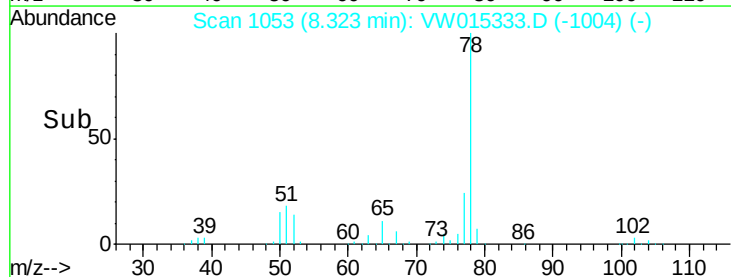
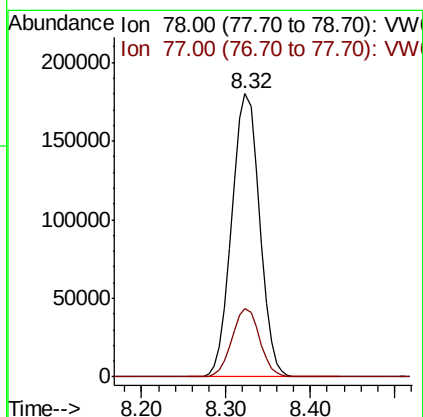
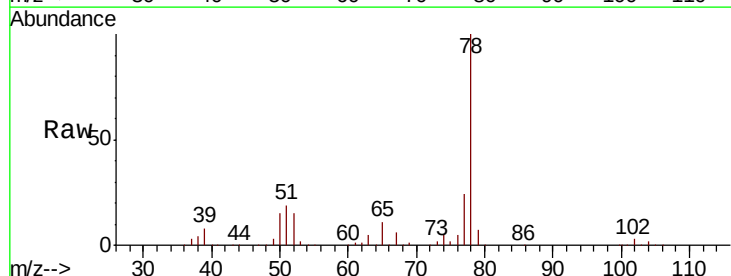
Instrument :
MSVOA_W
ClientSampleId :

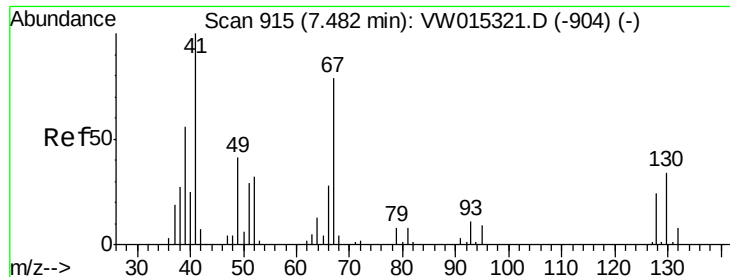
Tot Ion: 83 Resp: 191538
Ion Ratio Lower Upper
83 100
55 66.4 58.1 87.1
98 52.5 40.2 60.4



#40
Benzene
Concen: 47.801 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 78 Resp: 401314
Ion Ratio Lower Upper
78 100
77 24.2 18.2 27.2

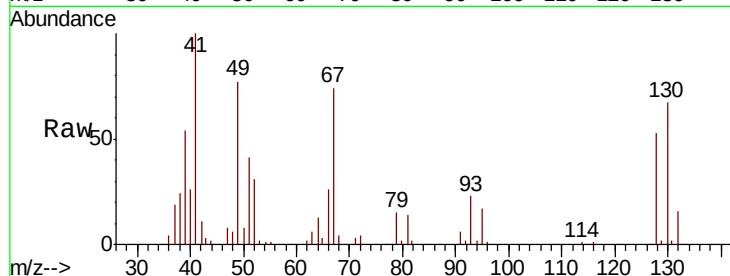




#41
Methacrylonitrile
Concen: 49.602 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	41	Resp:	30357
Ion	Ratio	Lower	Upper
41	100		
39	50.8	41.9	62.9
67	75.9	60.6	91.0
52	32.3	23.8	35.8



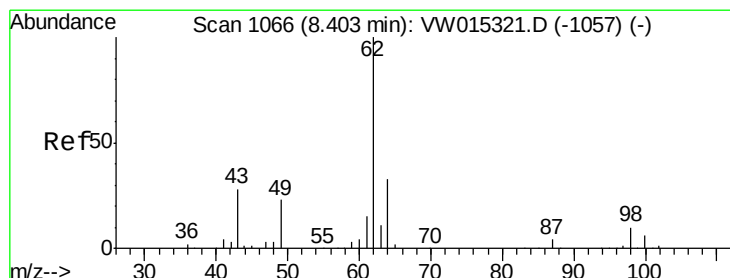
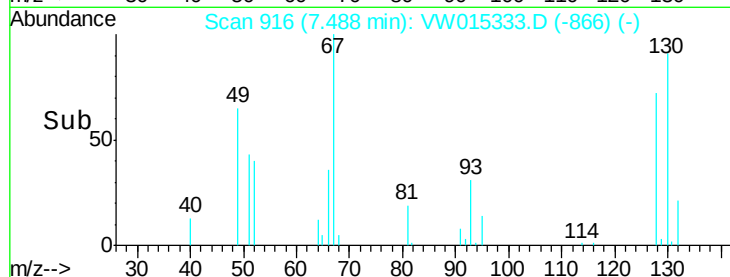
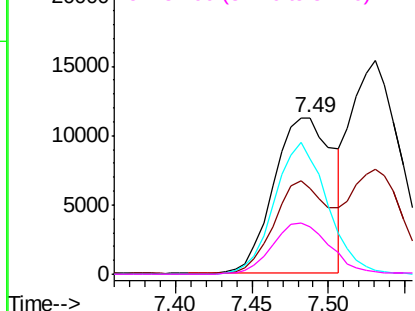
Abundance

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

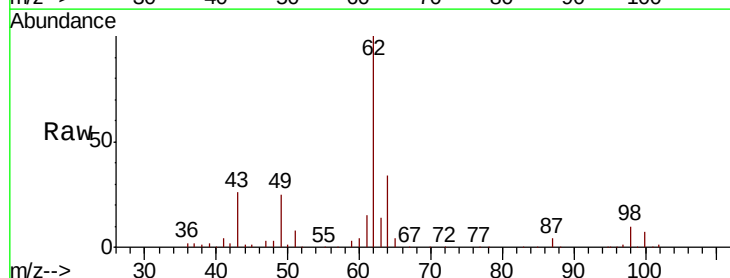
Ion 67.00 (66.70 to 67.70): VW

Ion 52.00 (51.70 to 52.70): VW



#42
1,2-Dichloroethane
Concen: 47.878 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

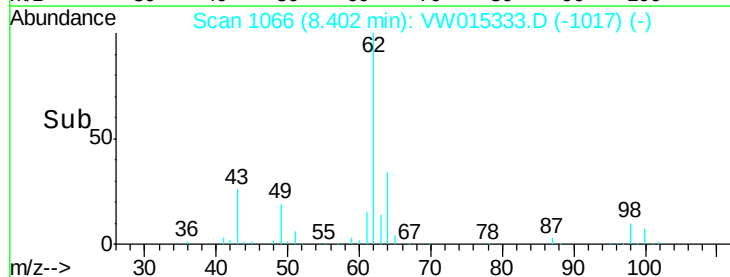
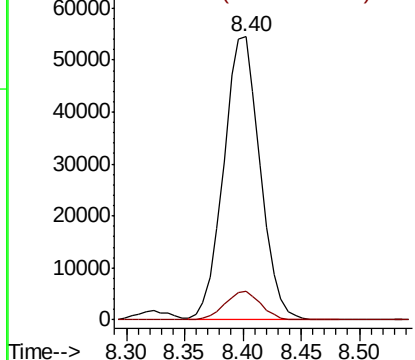
Tgt Ion:	62	Resp:	118331
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4

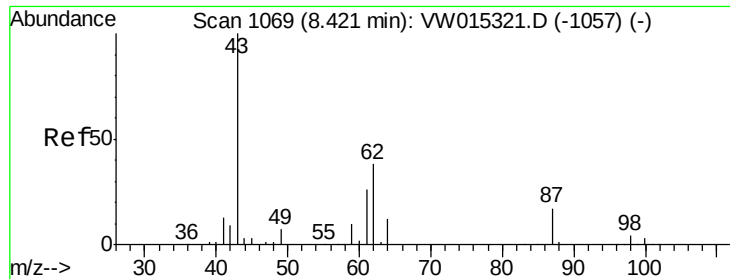


Abundance

Ion 61.90 (61.60 to 62.60): VW

Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 44.982 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

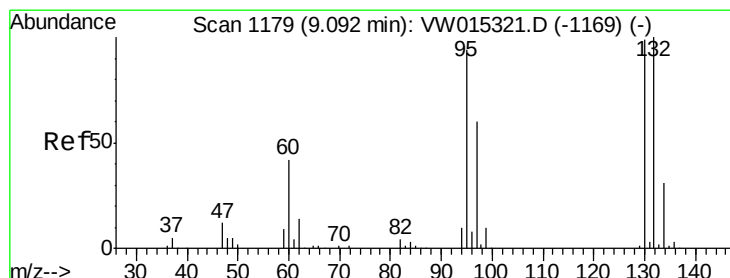
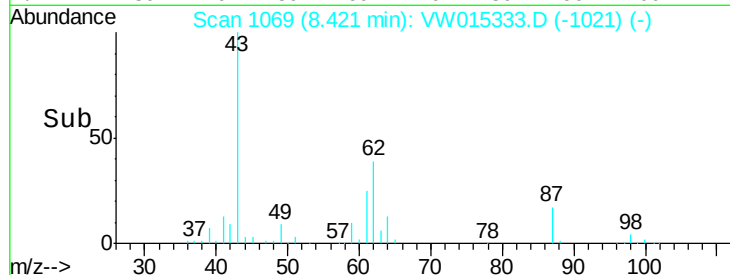
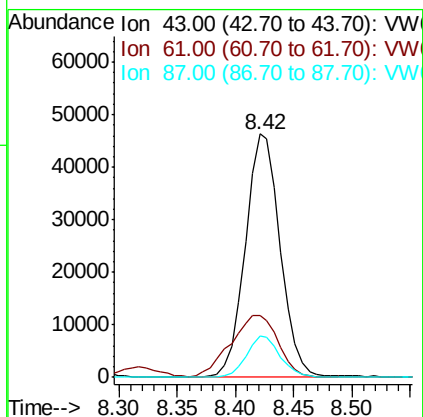
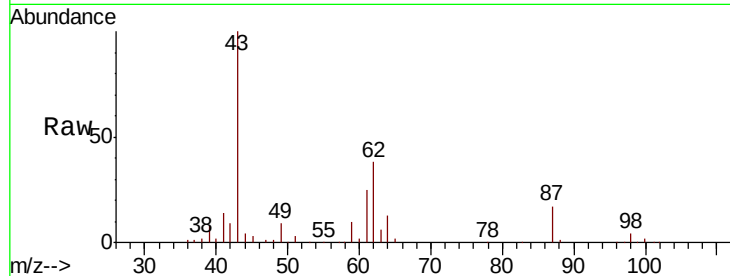
Tot Ion: 43 Resp: 96230

Ion Ratio Lower Upper

43 100

61 34.8 24.8 37.2

87 16.4 11.4 17.2



#44

Trichloroethene

Concen: 50.658 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VW015333.D

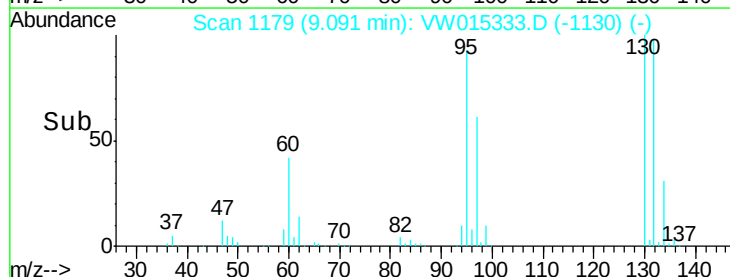
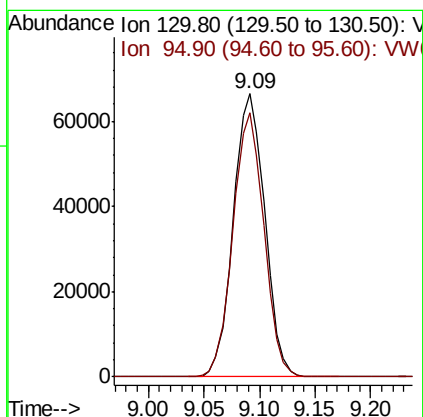
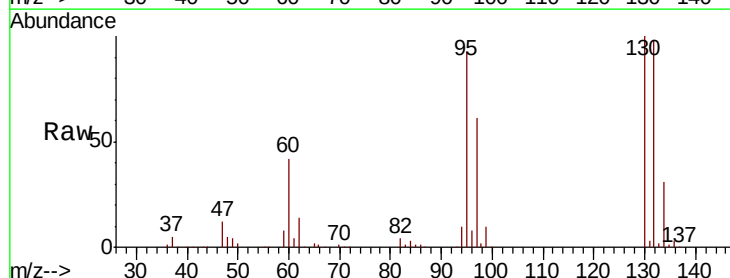
Acq: 24 Apr 2020 10:37

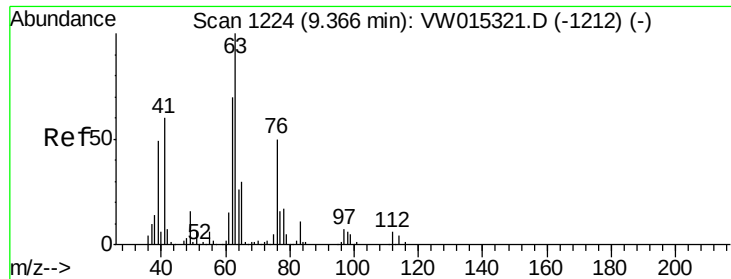
Tgt Ion:130 Resp: 130090

Ion Ratio Lower Upper

130 100

95 93.2 0.0 196.4

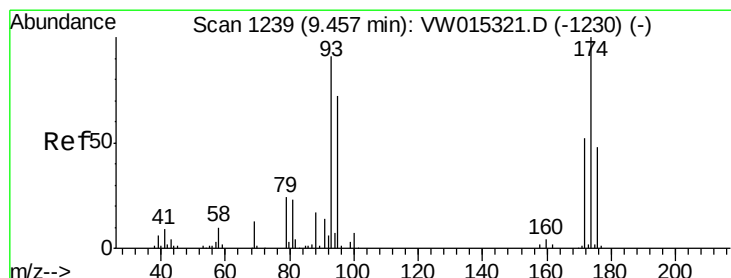
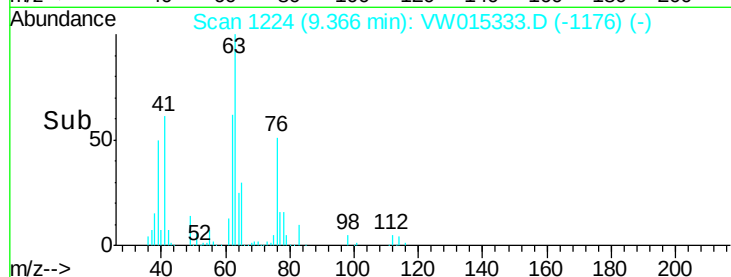
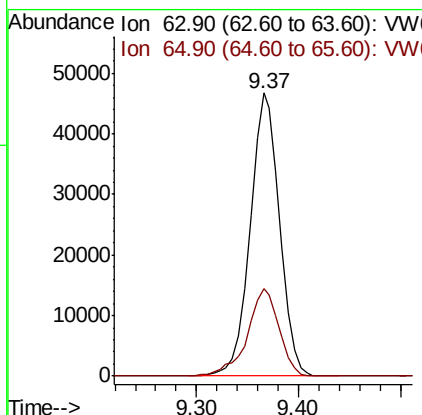
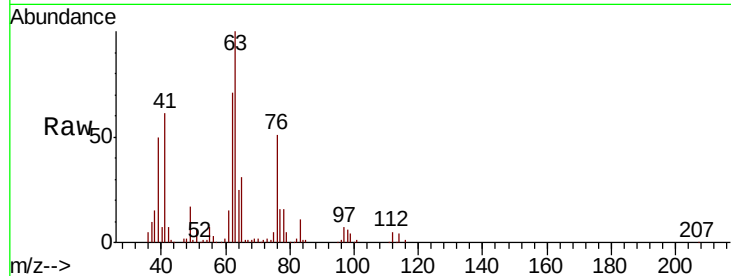




#45
 1,2-Dichloropropane
 Concen: 47.912 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

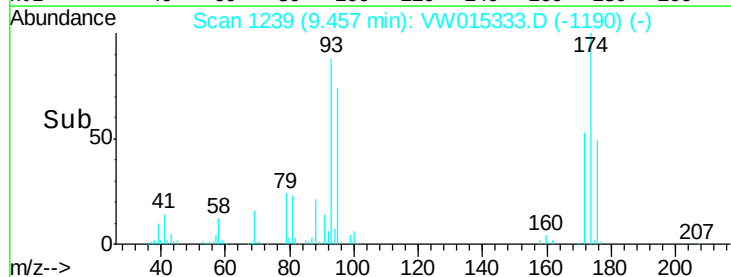
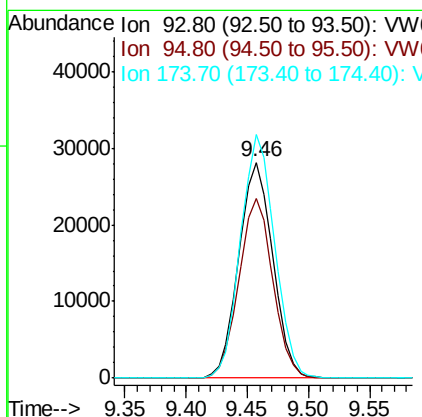
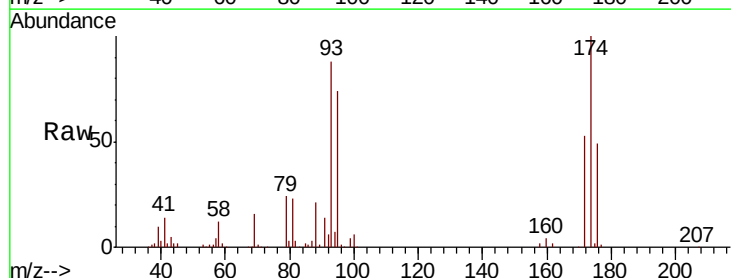
Instrument :
 MSVOA_W
 ClientSampled :

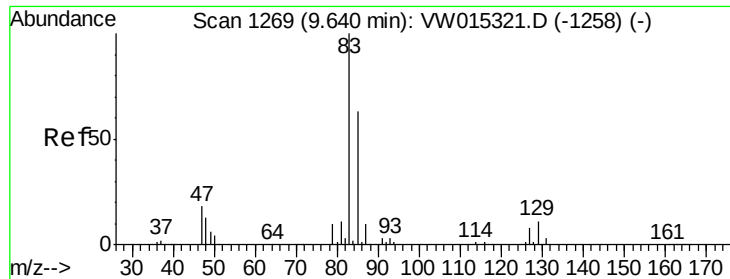
Tot Ion: 63 Resp: 93542
 Ion Ratio Lower Upper
 63 100
 65 30.9 25.5 38.3



#46
 Dibromomethane
 Concen: 48.273 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion: 93 Resp: 54518
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.5 101.3
 174 113.1 74.1 111.1#





#47

Bromodichloromethane

Concen: 48.328 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

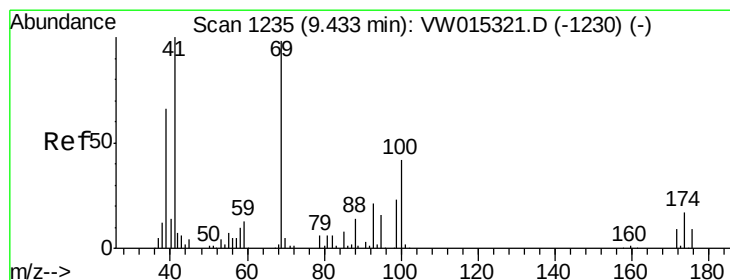
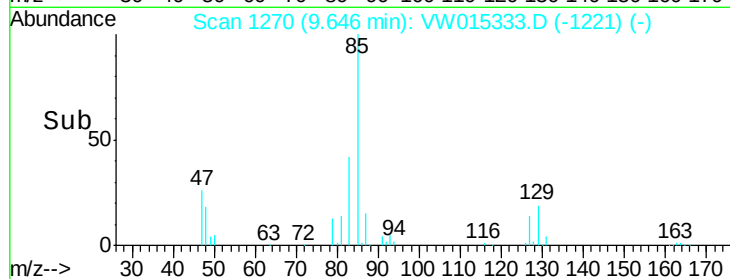
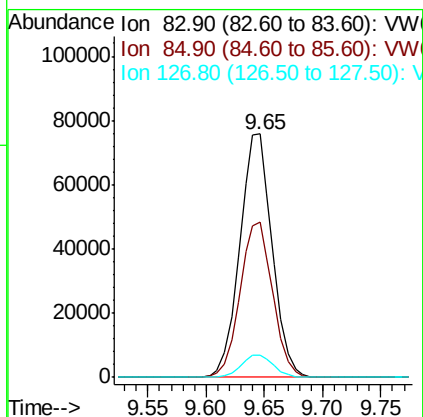
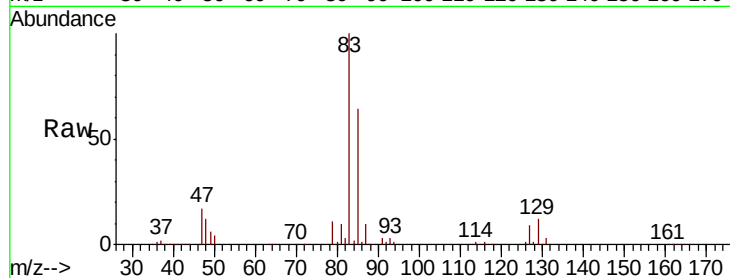
Tot Ion: 83 Resp: 145907

Ion Ratio Lower Upper

83 100

85 63.9 50.6 76.0

127 9.1 6.7 10.1



#48

Methyl methacrylate

Concen: 42.547 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

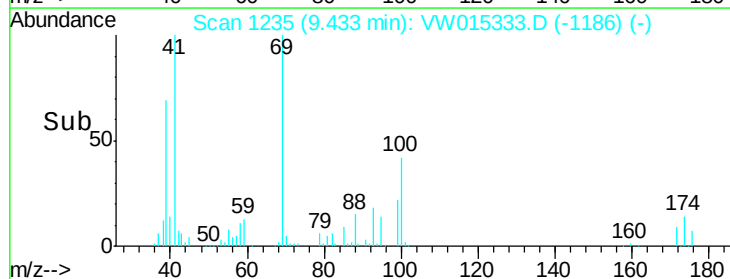
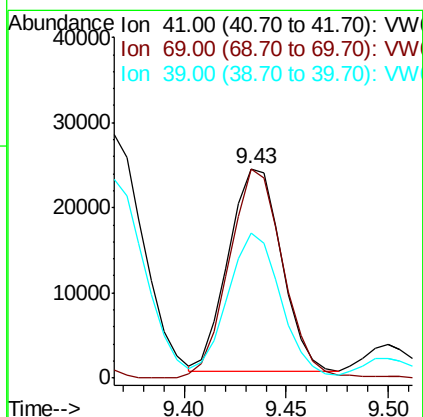
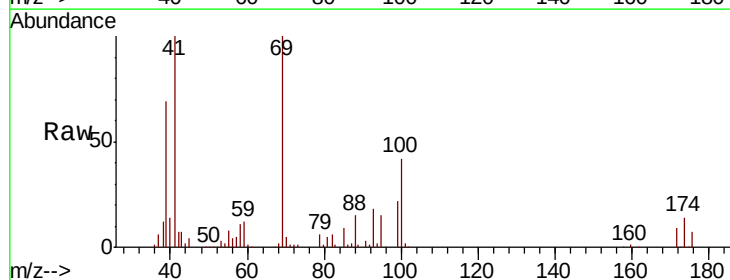
Tgt Ion: 41 Resp: 43028

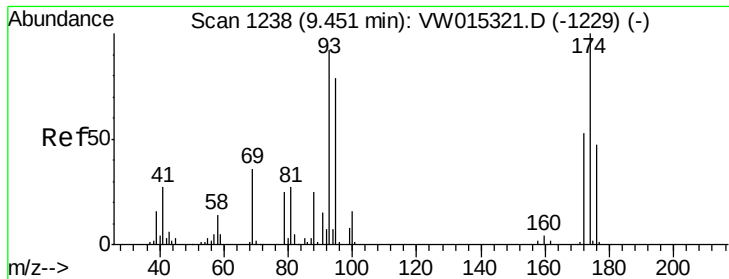
Ion Ratio Lower Upper

41 100

69 105.8 70.6 105.8

39 68.6 42.6 64.0#





#49

1,4-Dioxane

Concen: 1052.011 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :

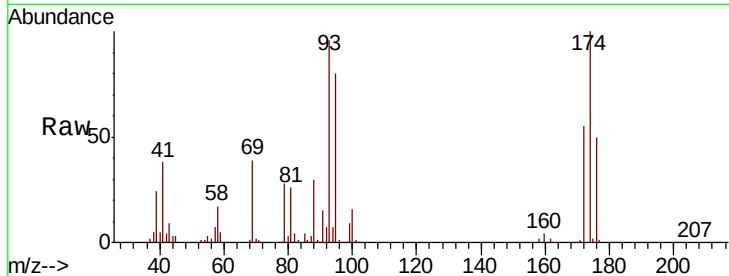
Tot Ion: 88 Resp: 15839

Ion Ratio Lower Upper

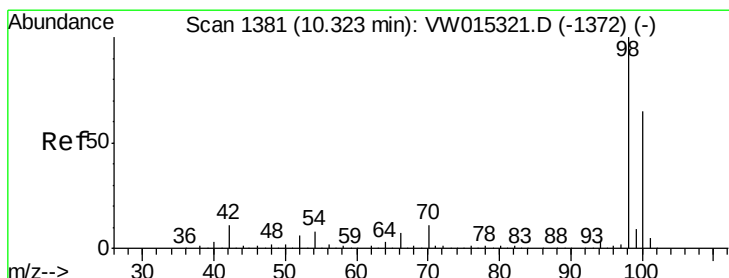
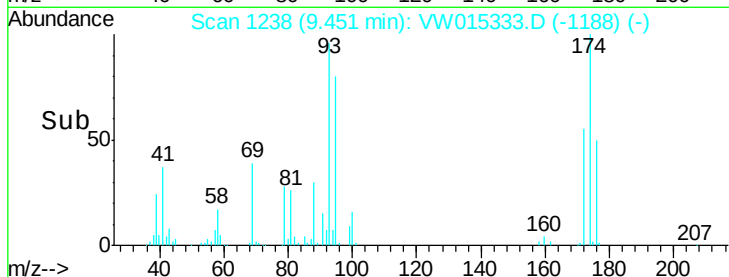
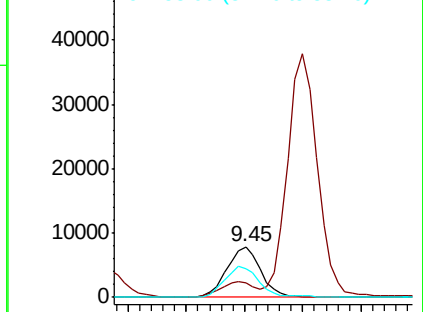
88 100

43 29.4 23.5 35.3

58 63.3 55.4 83.2



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: 46.586 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015333.D

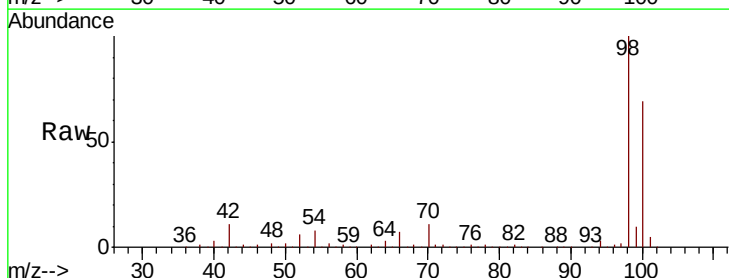
Acq: 24 Apr 2020 10:37

Tgt Ion: 98 Resp: 378007

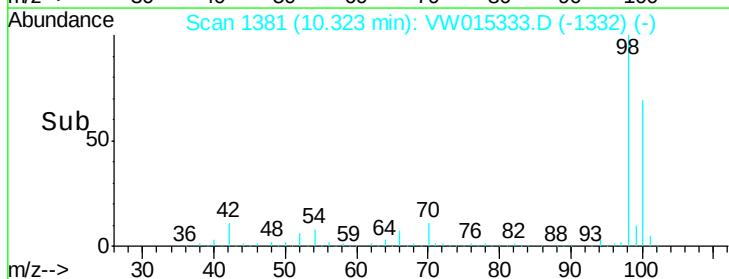
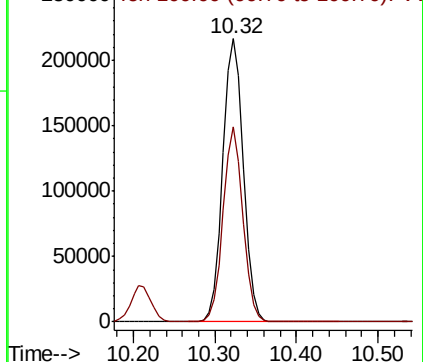
Ion Ratio Lower Upper

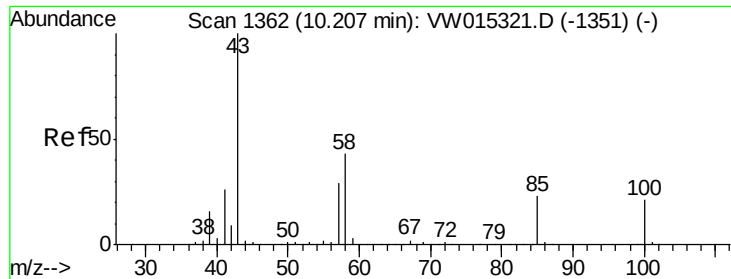
98 100

100 66.2 52.9 79.3



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

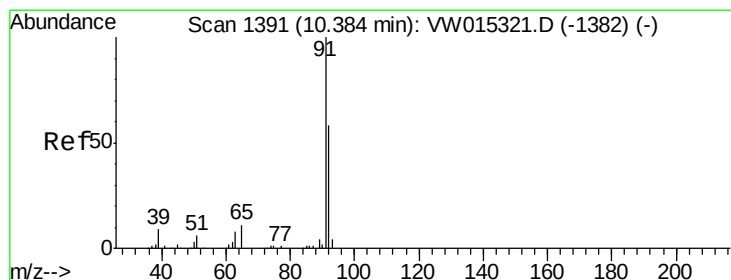
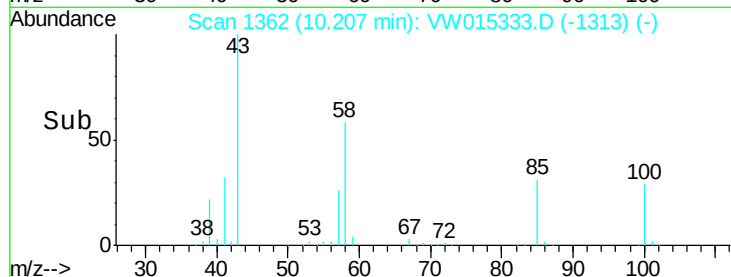
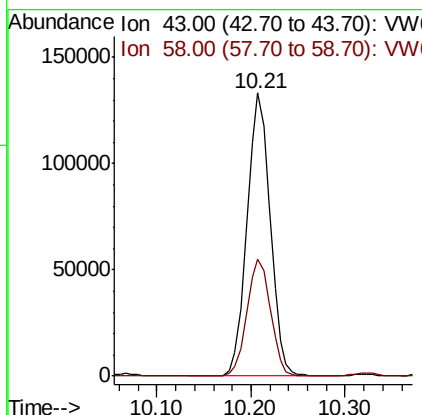
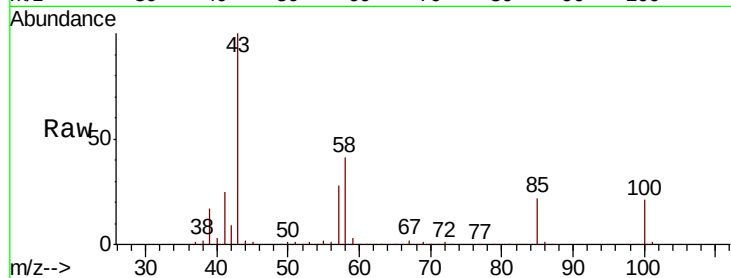




#51
4-Methyl-2-Pentanone
Concen: 226.490 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

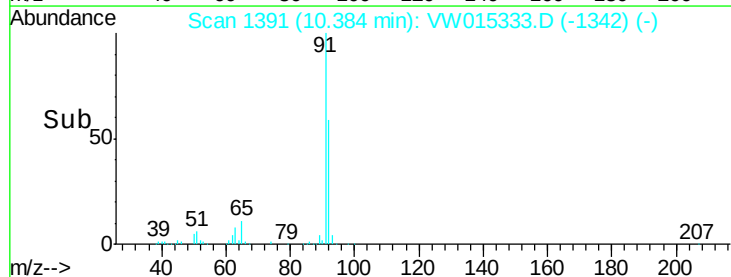
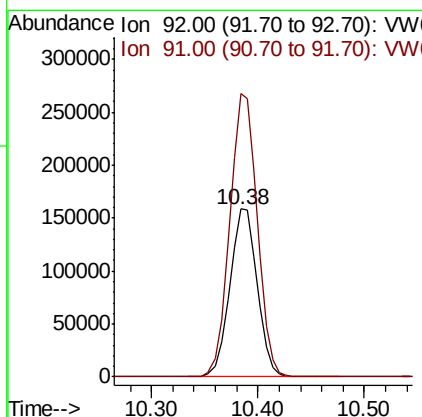
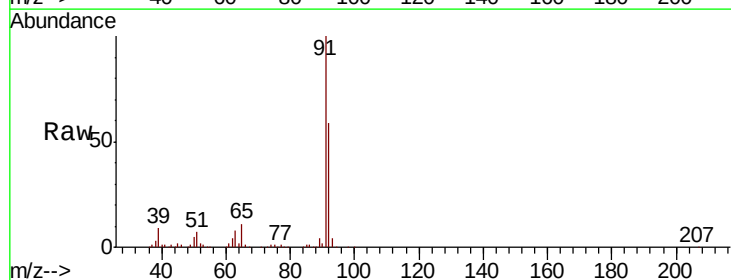
Instrument :
MSVOA_W
ClientSampled :

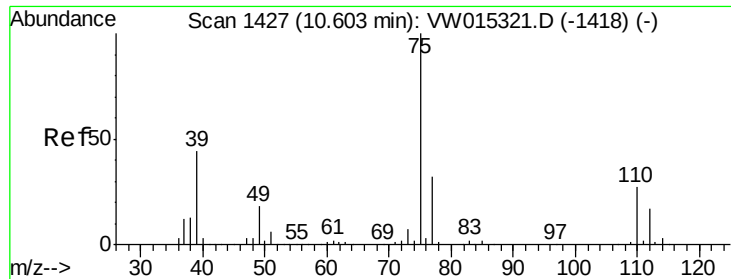
Tot Ion: 43 Resp: 227452
Ion Ratio Lower Upper
43 100
58 42.1 32.3 48.5



#52
Toluene
Concen: 48.578 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 92 Resp: 285432
Ion Ratio Lower Upper
92 100
91 169.4 137.1 205.7

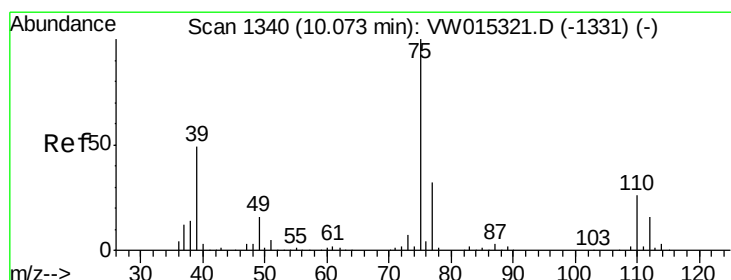
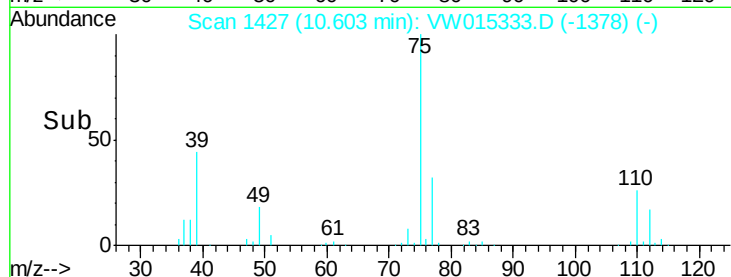
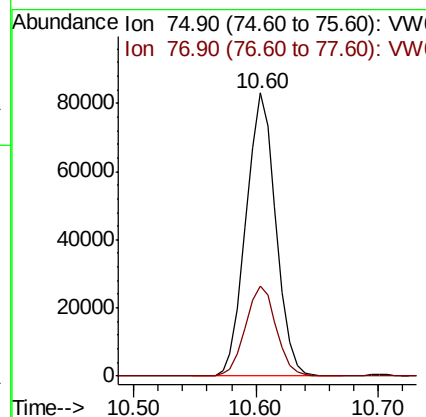
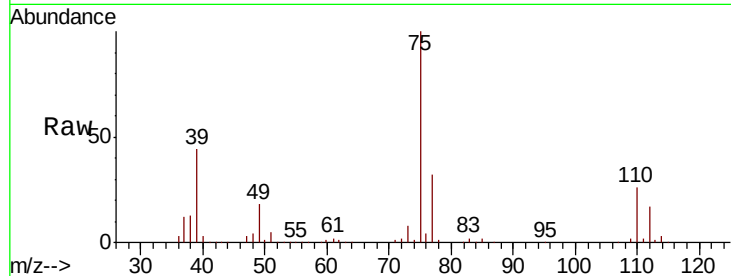




#53
 t-1,3-Dichloropropene
 Concen: 47.243 ug/l
 RT: 10.60 min Scan# 1427
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

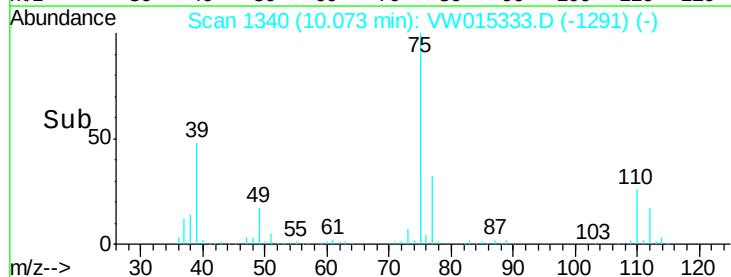
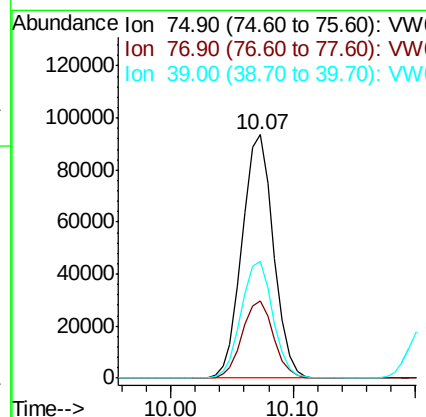
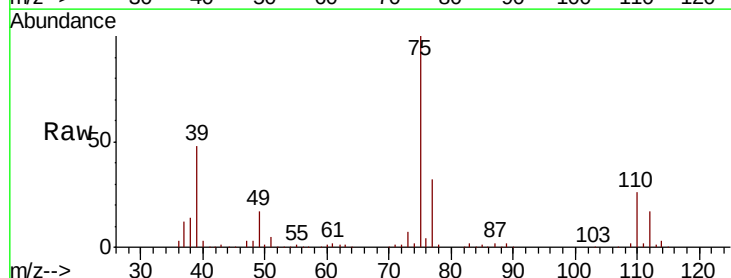
Instrument :
 MSVOA_W
 ClientSampleId :

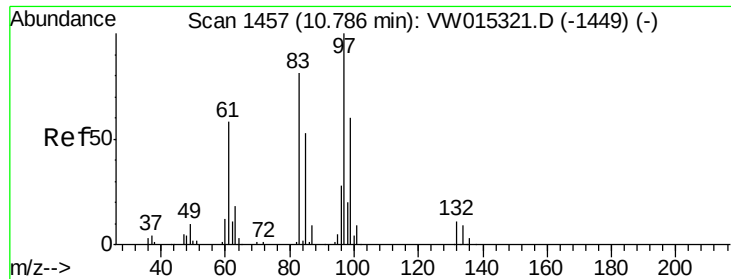
Tot Ion: 75 Resp: 140639
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.5 38.3



#54
 cis-1,3-Dichloropropene
 Concen: 48.190 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion: 75 Resp: 166748
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.6 39.8
 39 47.7 37.8 56.6



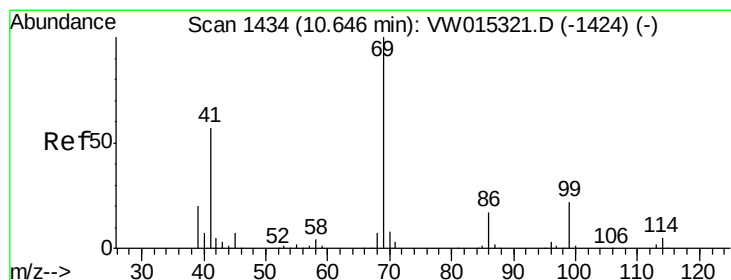
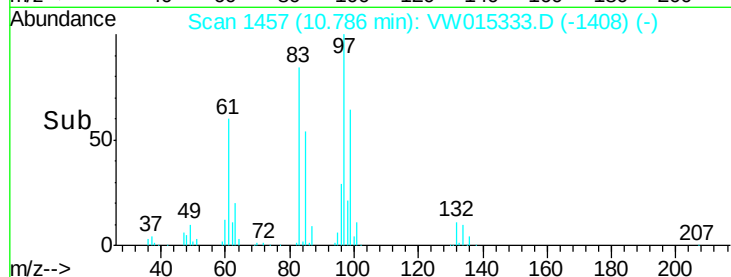
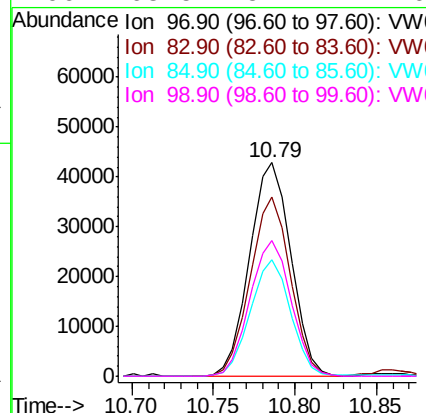
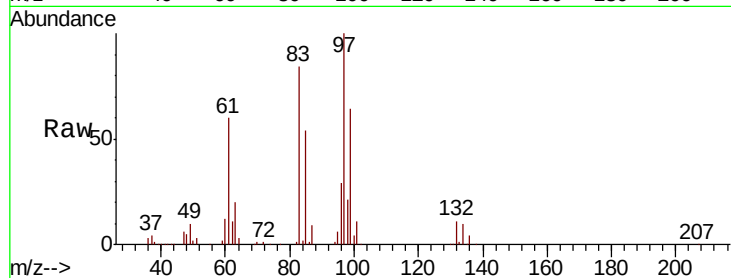


#55
 1,1,2-Trichloroethane
 Concen: 48.032 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion: 97 Resp: 75959

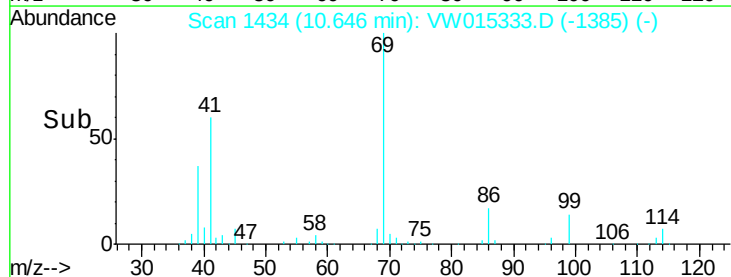
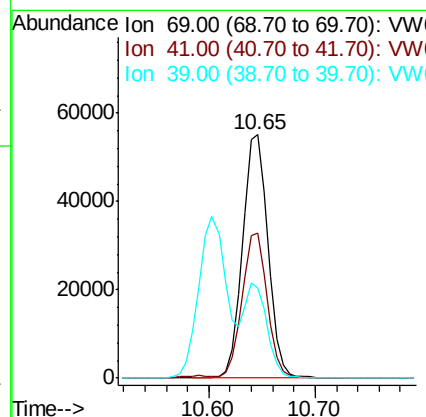
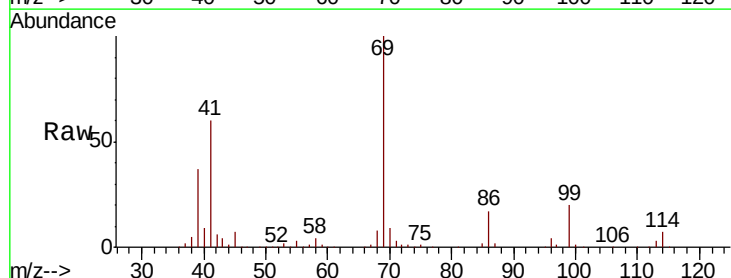
Ion	Ratio	Lower	Upper
97	100		
83	83.7	67.3	100.9
85	54.3	43.8	65.8
99	63.5	51.4	77.0

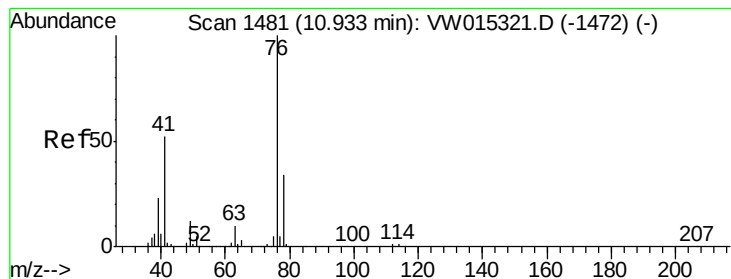


#56
 Ethyl methacrylate
 Concen: 45.526 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion: 69 Resp: 92749

Ion	Ratio	Lower	Upper
69	100		
41	58.6	51.3	76.9
39	34.0	24.6	37.0





#57

1,3-Dichloropropane

Concen: 48.066 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

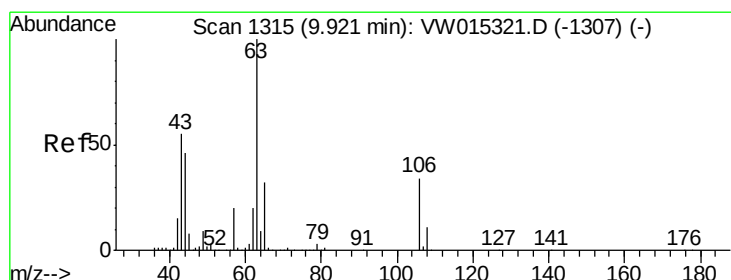
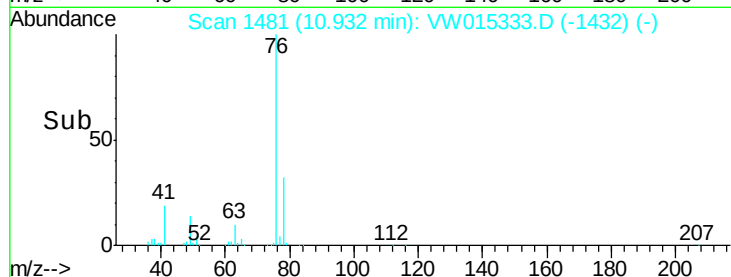
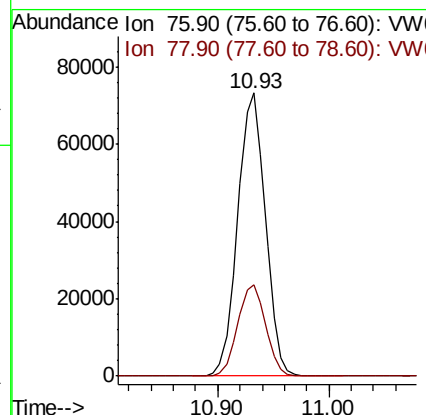
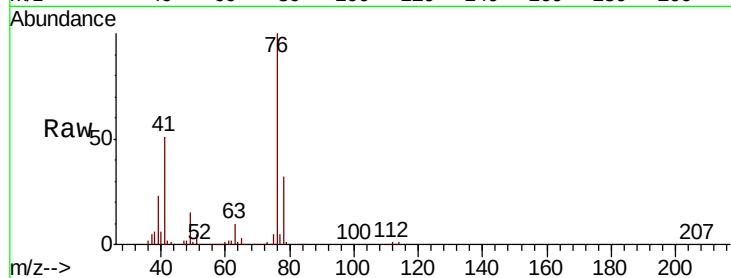
ClientSampled :

Tot Ion: 76 Resp: 125914

Ion Ratio Lower Upper

76 100

78 32.6 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 243.588 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW015333.D

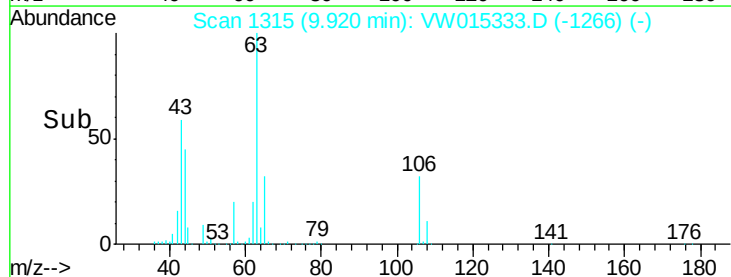
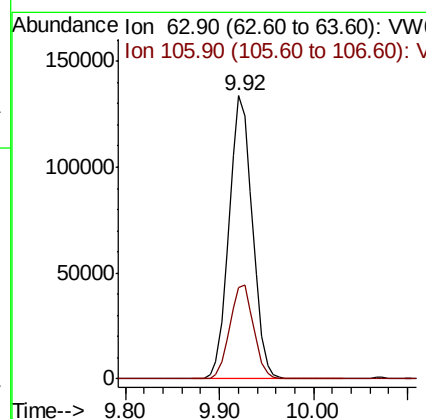
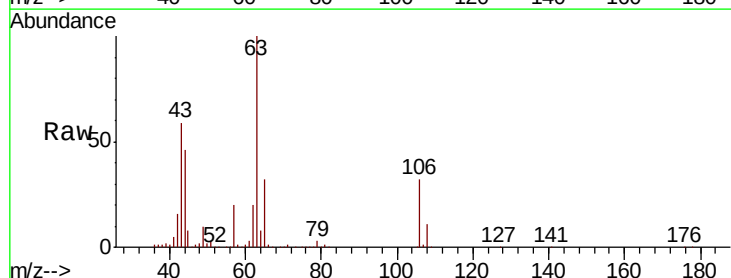
Acq: 24 Apr 2020 10:37

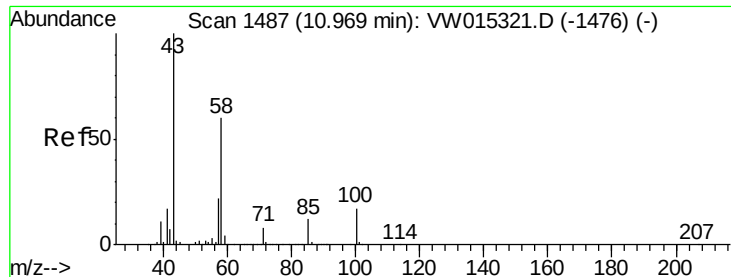
Tgt Ion: 63 Resp: 230073

Ion Ratio Lower Upper

63 100

106 33.9 22.6 33.8#

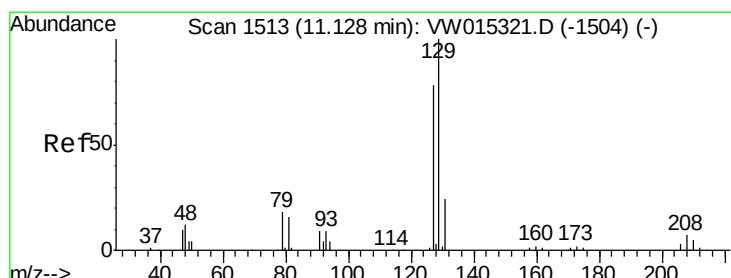
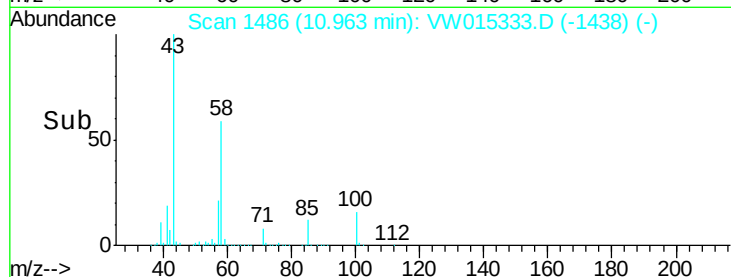
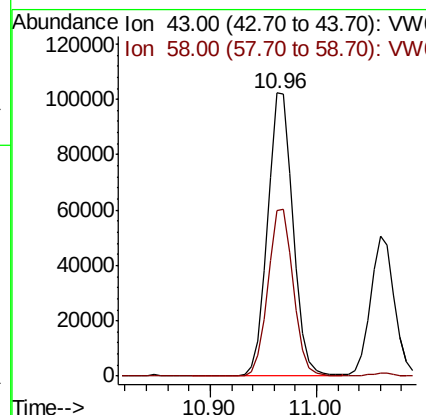
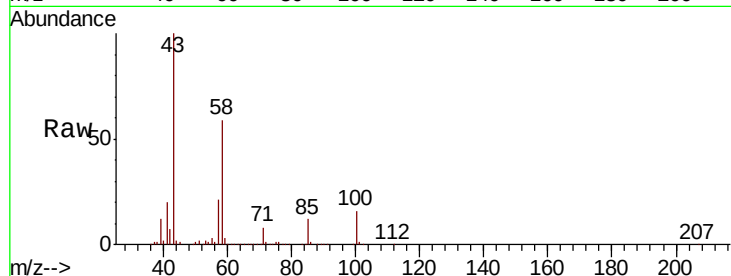




#59
2-Hexanone
Concen: 239.214 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

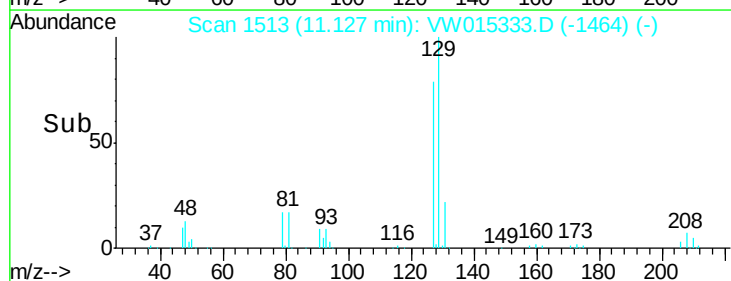
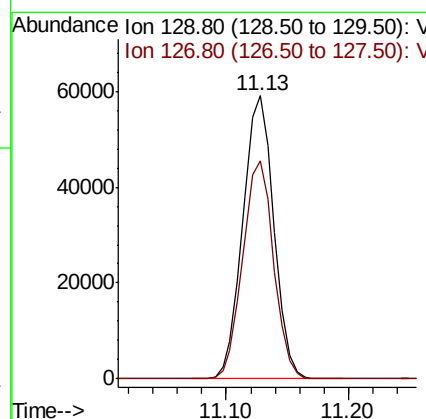
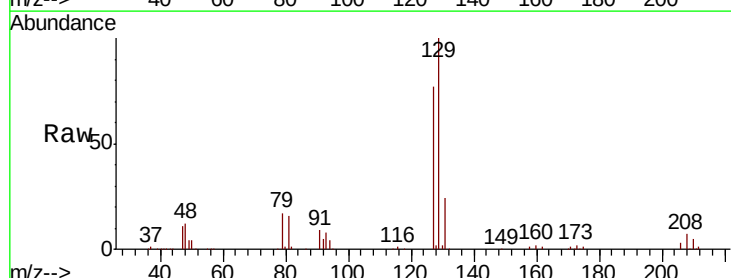
Instrument :
MSVOA_W
ClientSampled :

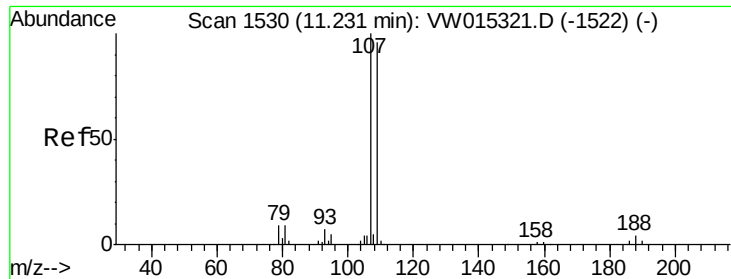
Tot Ion: 43 Resp: 171485
Ion Ratio Lower Upper
43 100
58 58.7 28.1 84.3



#60
Dibromochloromethane
Concen: 49.672 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 129 Resp: 103717
Ion Ratio Lower Upper
129 100
127 76.8 38.3 114.8

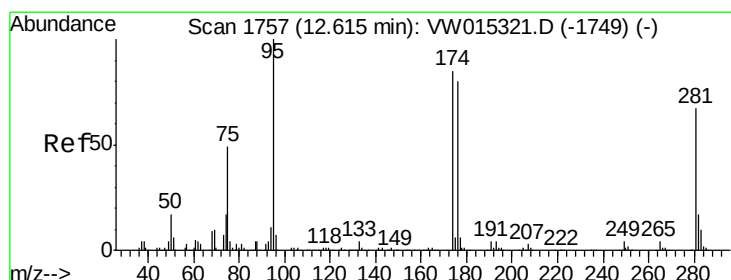
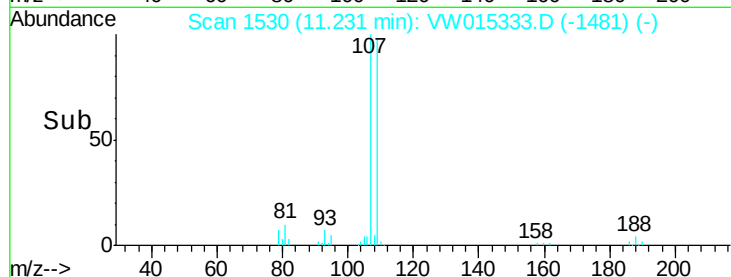
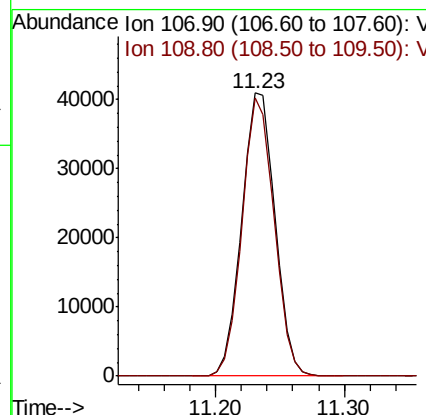
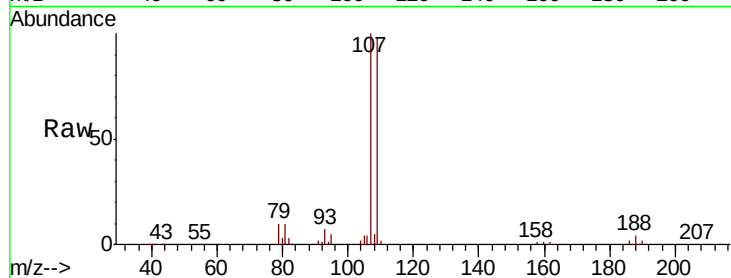




#61
 1,2-Dibromoethane
 Concen: 47.366 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

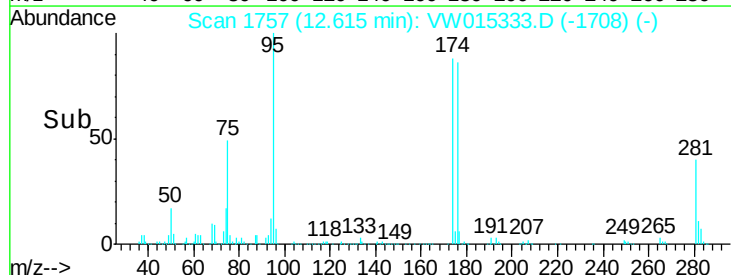
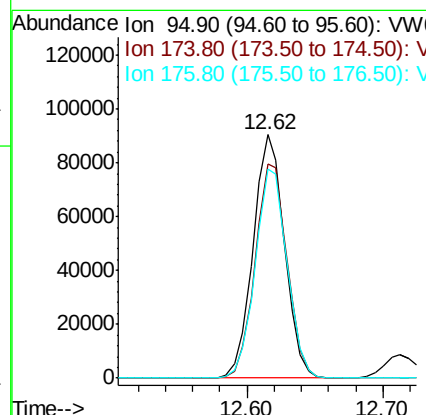
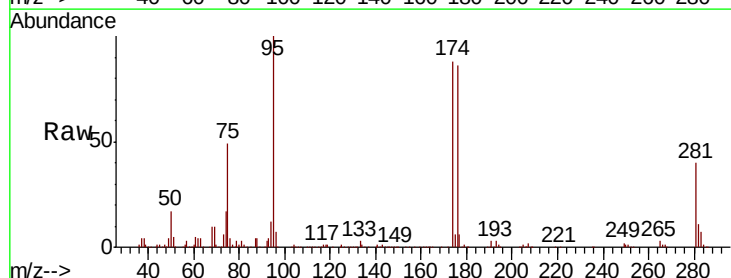
Instrument :
 MSVOA_W
 ClientSampleId :

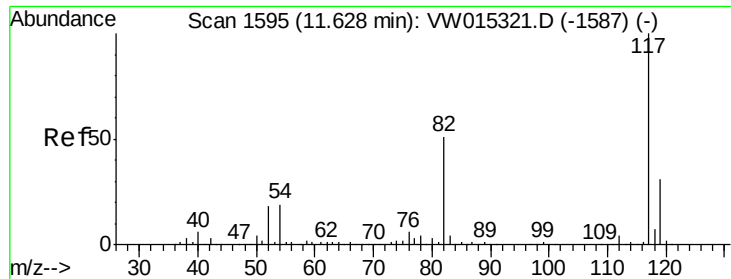
Tot Ion:107 Resp: 73091
 Ion Ratio Lower Upper
 107 100
 109 95.3 74.3 111.5



#62
 4-Bromofluorobenzene
 Concen: 47.198 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion: 95 Resp: 146122
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 144.4
 176 87.1 0.0 140.6

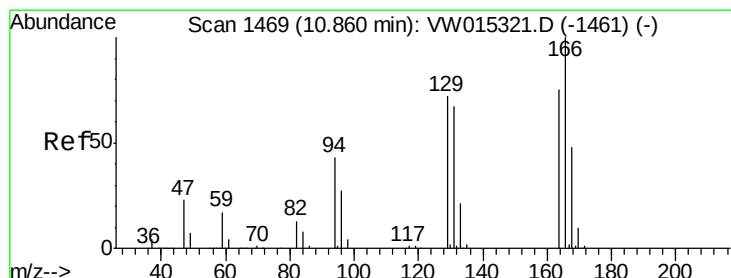
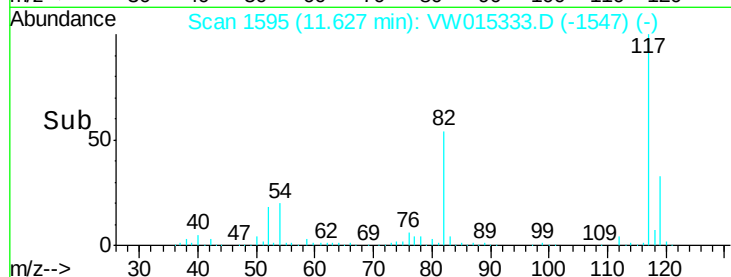
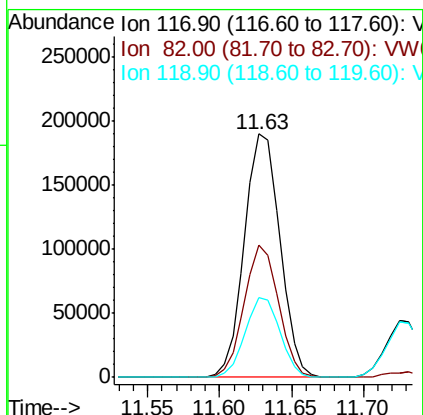
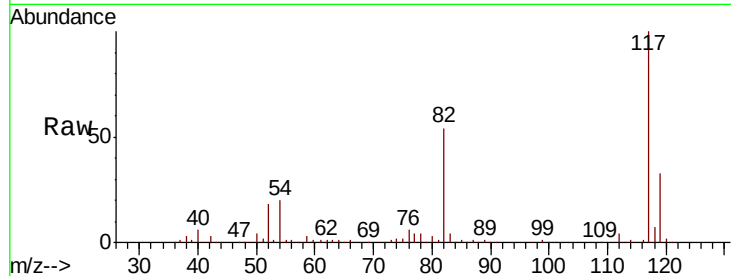




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

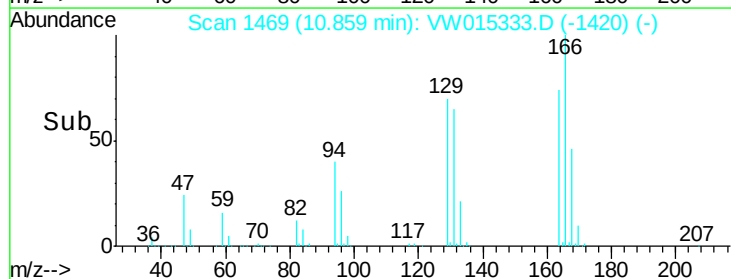
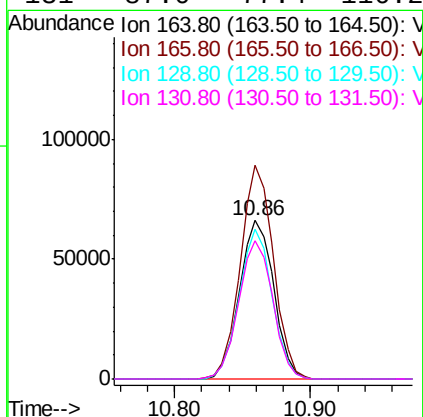
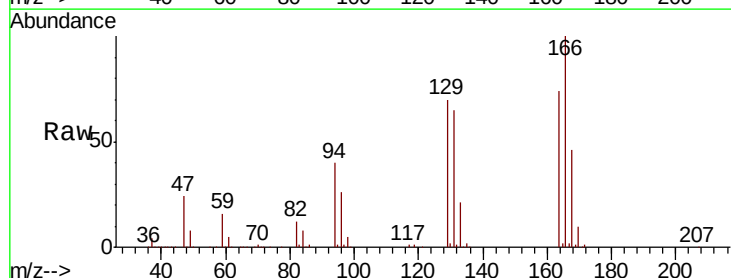
Instrument :
MSVOA_W
ClientSampleId :

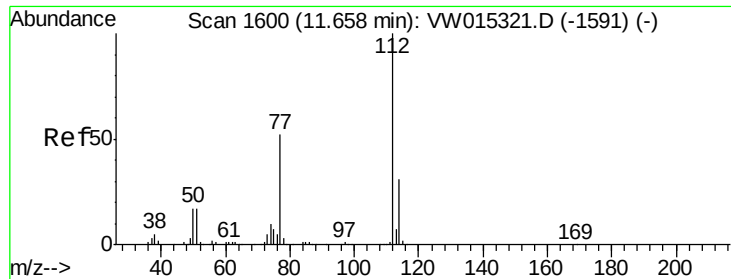
Tot Ion:117 Resp: 325587
Ion Ratio Lower Upper
117 100
82 54.4 44.1 66.1
119 33.0 24.9 37.3



#64
Tetrachloroethene
Concen: 50.106 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion:164 Resp: 116434
Ion Ratio Lower Upper
164 100
166 134.7 102.6 154.0
129 94.4 80.2 120.2
131 87.0 77.4 116.2

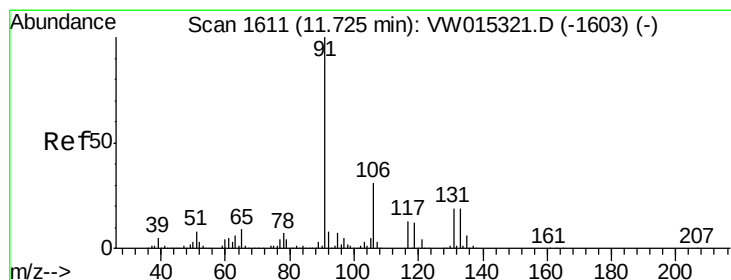
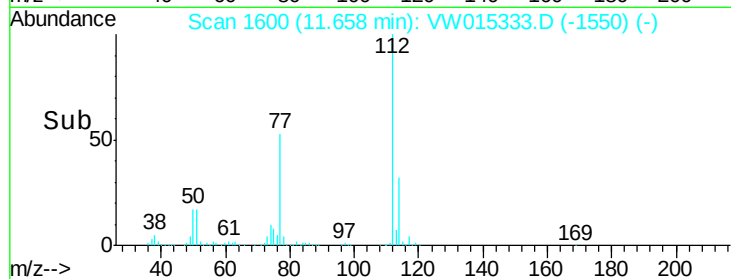
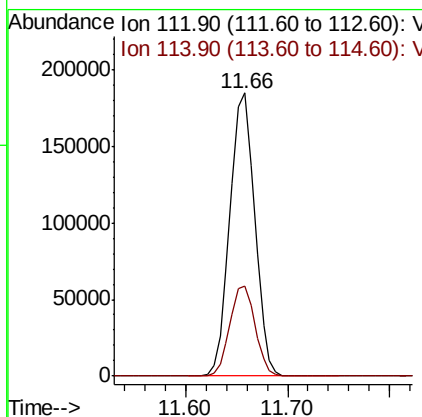
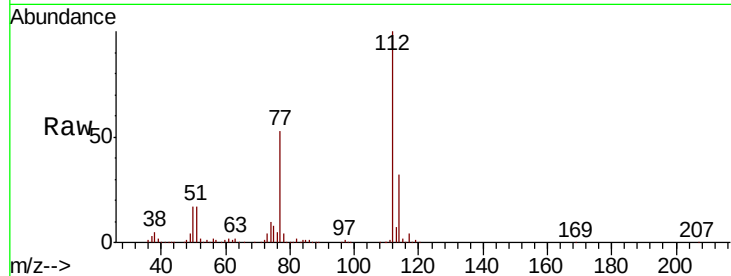




#65
Chlorobenzene
Concen: 48.827 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

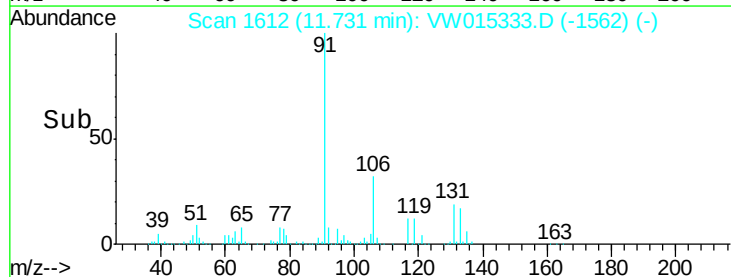
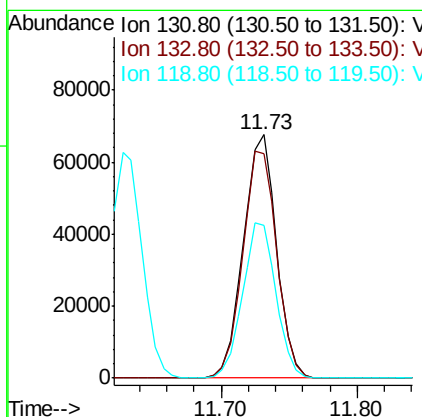
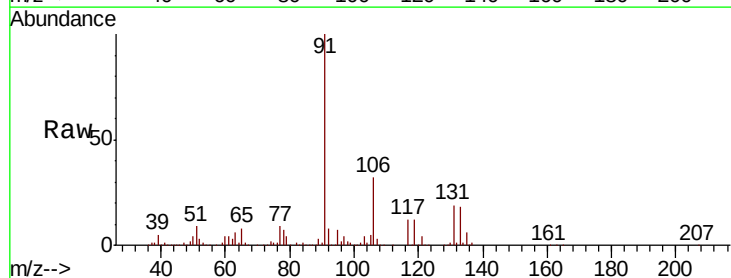
Instrument :
MSVOA_W
ClientSampleId :

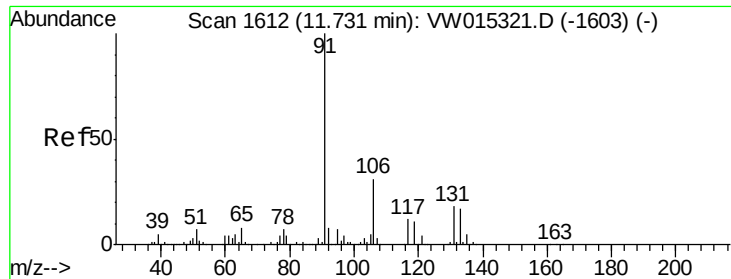
Tot Ion:112 Resp: 311952
Ion Ratio Lower Upper
112 100
114 32.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.086 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion:131 Resp: 115011
Ion Ratio Lower Upper
131 100
133 95.8 47.7 143.1
119 64.5 34.0 101.8

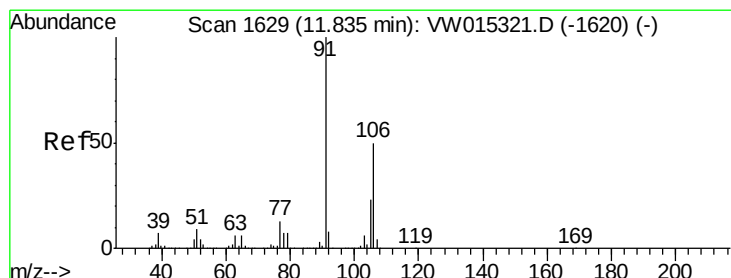
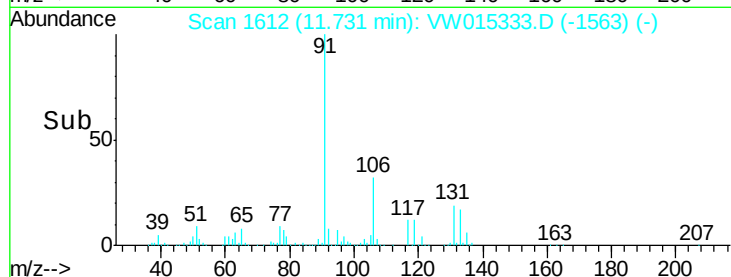
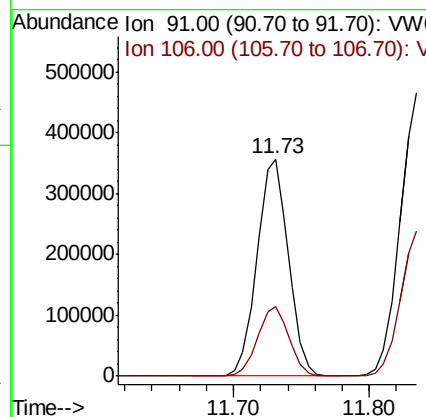
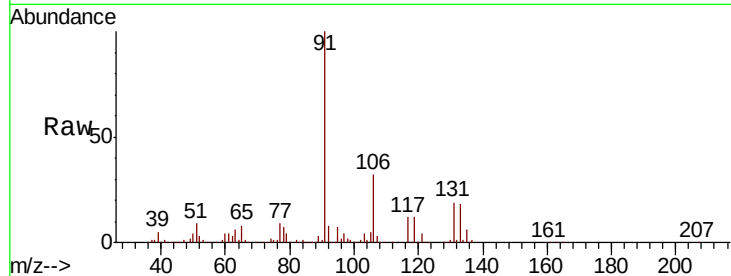




#67
Ethyl Benzene
Concen: 48.547 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

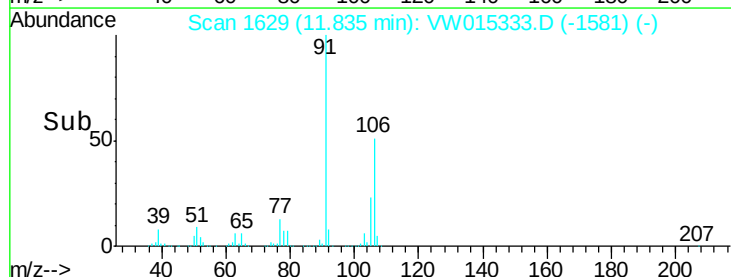
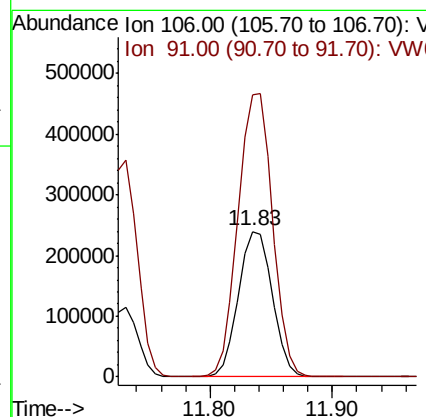
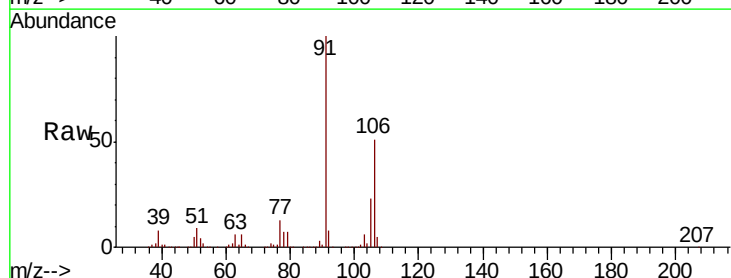
Instrument :
MSVOA_W
ClientSampleId :

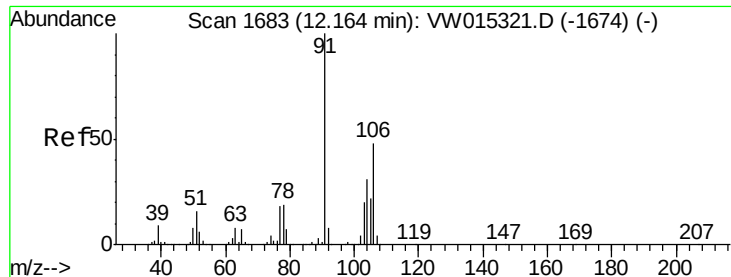
Tot Ion: 91 Resp: 578420
Ion Ratio Lower Upper
91 100
106 32.3 25.7 38.5



#68
m/p-Xylenes
Concen: 98.629 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 106 Resp: 460620
Ion Ratio Lower Upper
106 100
91 197.9 160.0 240.0

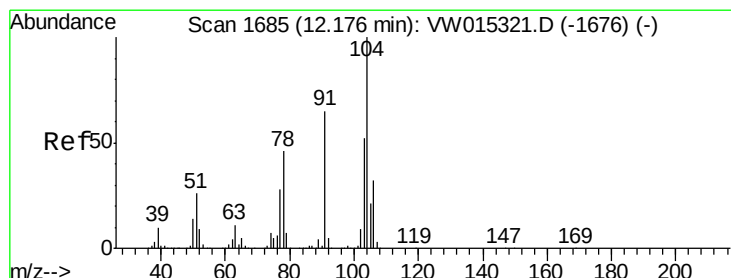
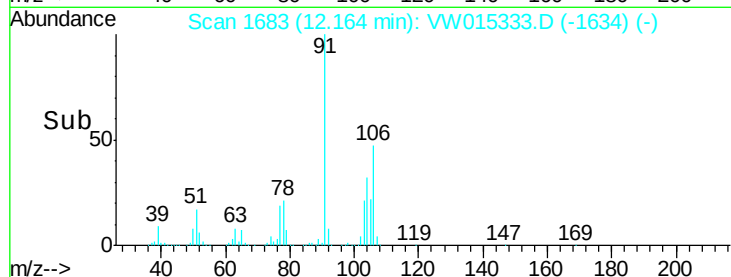
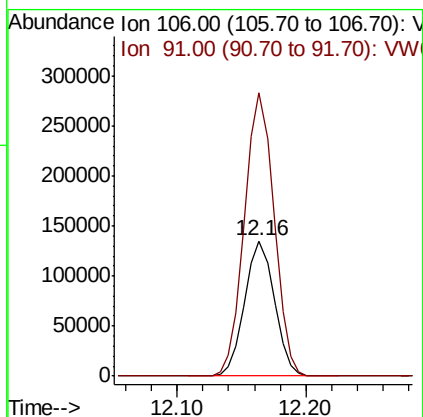
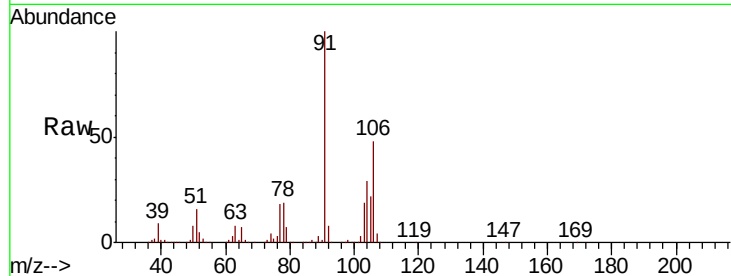




#69
o-Xylene
Concen: 49.265 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

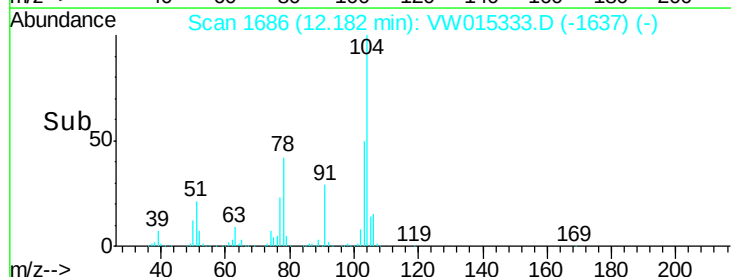
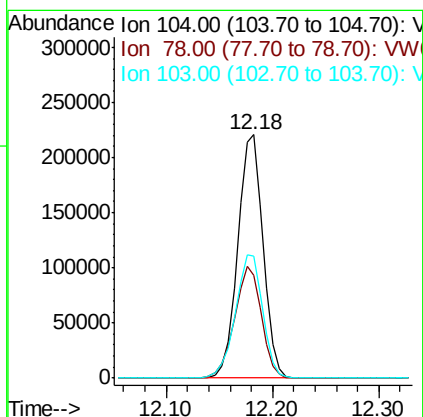
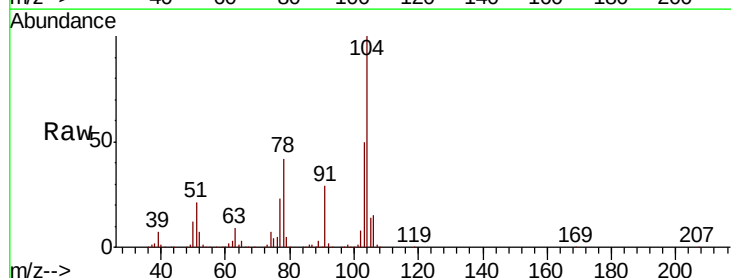
Instrument :
MSVOA_W
ClientSampleId :

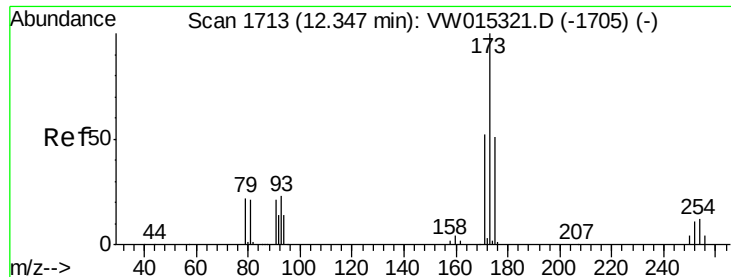
Tot Ion:106 Resp: 214753
Ion Ratio Lower Upper
106 100
91 209.9 105.7 317.1



#70
Styrene
Concen: 49.352 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion:104 Resp: 366714
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 54.6 43.8 65.6





#71

Bromoform

Concen: 48.969 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

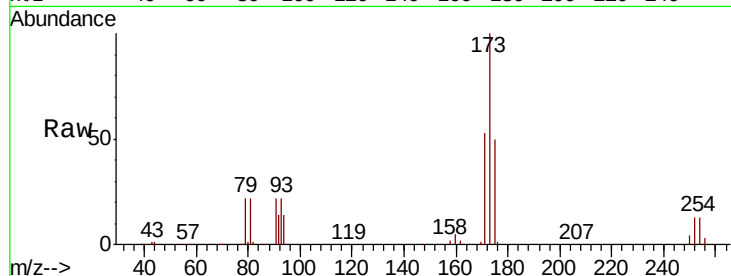
Tot Ion:173 Resp: 63359

Ion Ratio Lower Upper

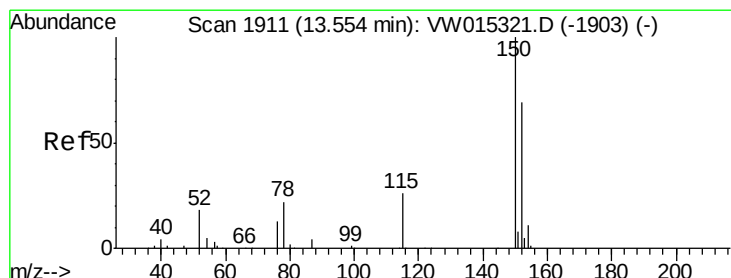
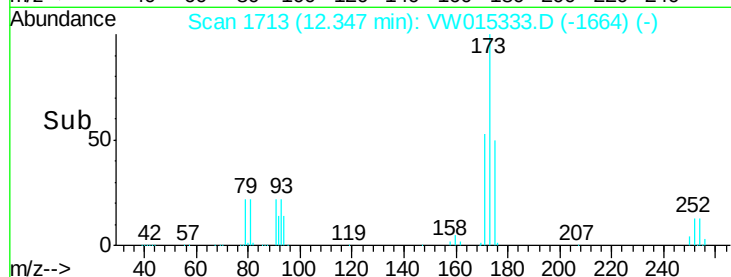
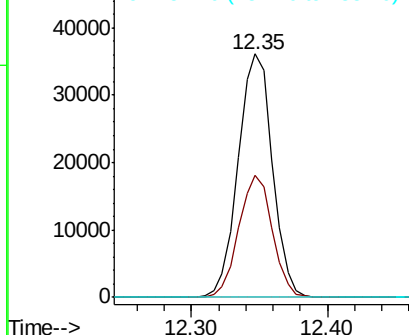
173 100

175 49.2 25.1 75.4

254 0.1 0.1 0.1



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

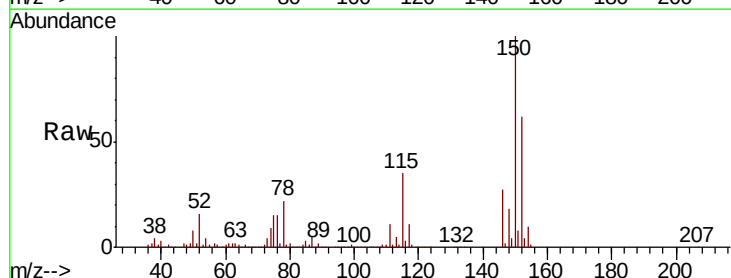
Tgt Ion:152 Resp: 177640

Ion Ratio Lower Upper

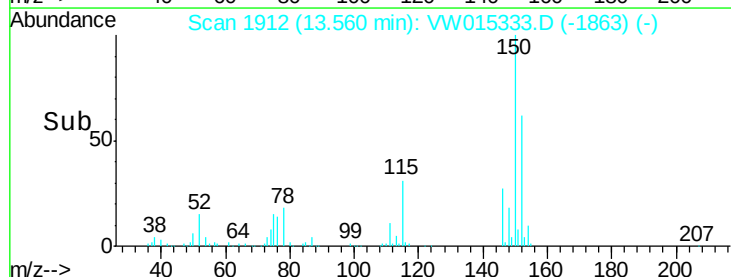
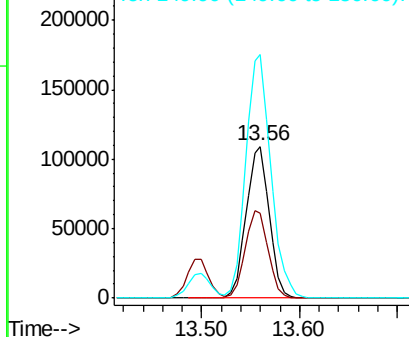
152 100

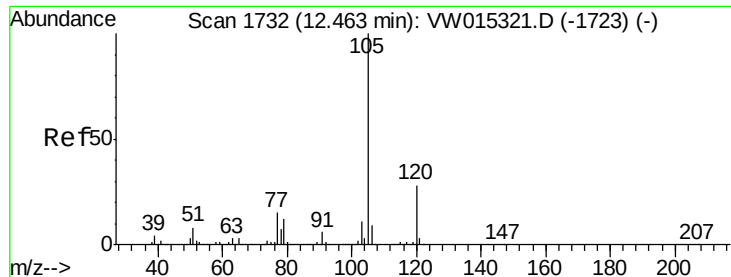
115 57.5 31.3 93.9

150 174.9 0.0 343.4



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

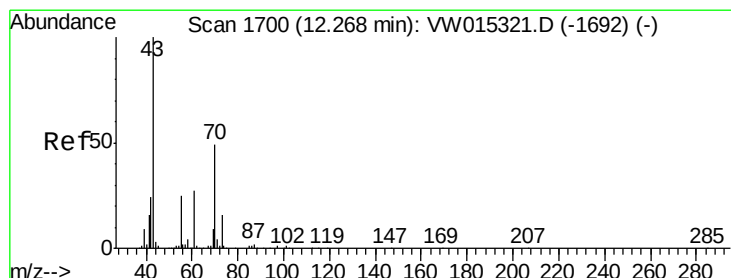
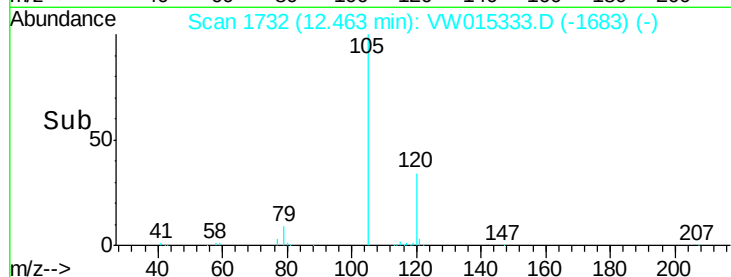
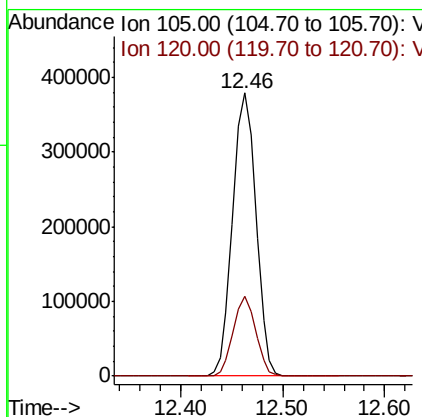
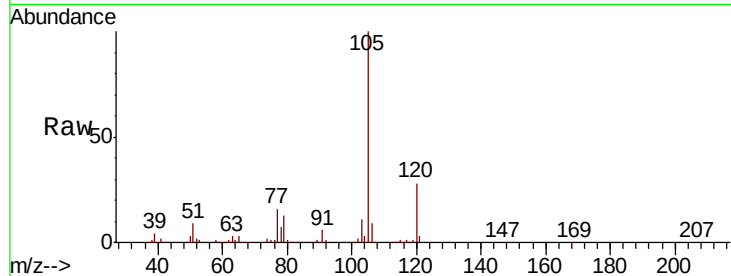




#73
Isopropylbenzene
Concen: 48.775 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

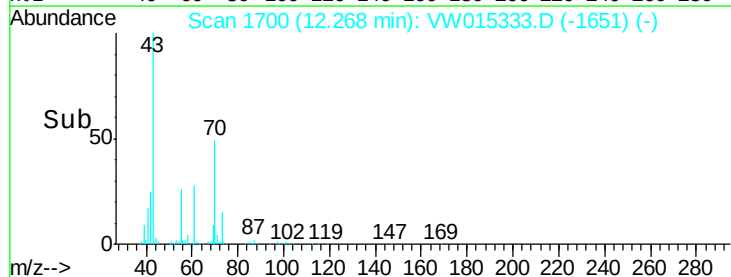
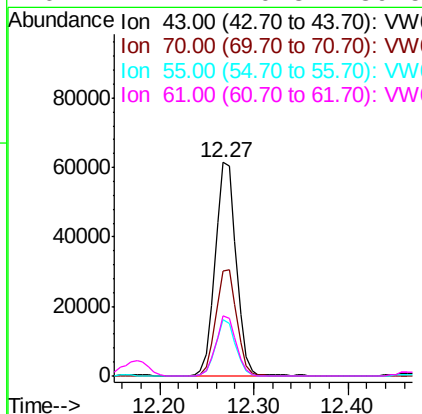
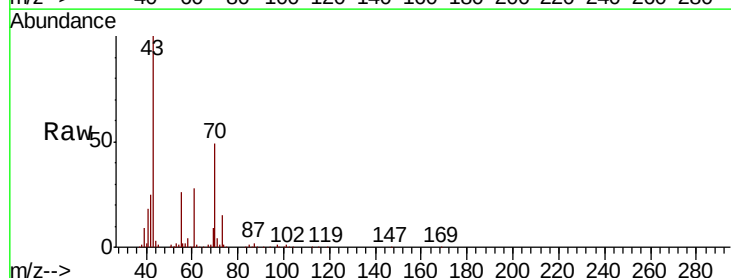
Instrument :
MSVOA_W
ClientSampleId :

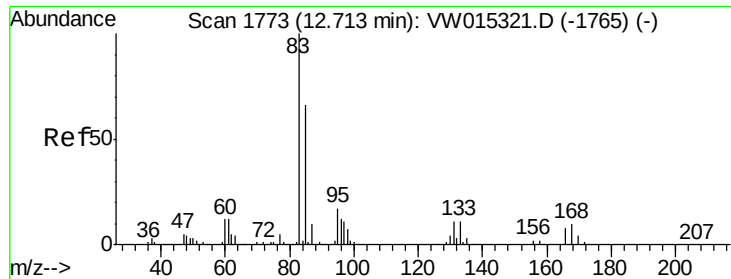
Tot Ion:105 Resp: 600741
Ion Ratio Lower Upper
105 100
120 27.3 13.7 41.1



#74
N-ethyl acetate
Concen: 44.277 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 43 Resp: 94874
Ion Ratio Lower Upper
43 100
70 50.1 35.4 53.2
55 25.2 18.5 27.7
61 27.2 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 45.340 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

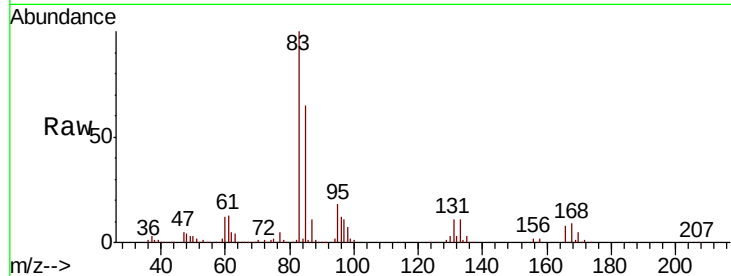
Tot Ion: 83 Resp: 79287

Ion Ratio Lower Upper

83 100

131 12.7 5.1 15.2

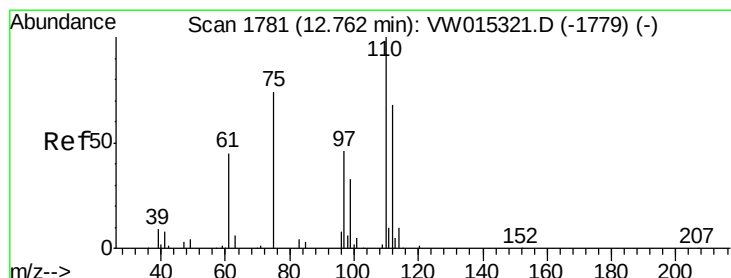
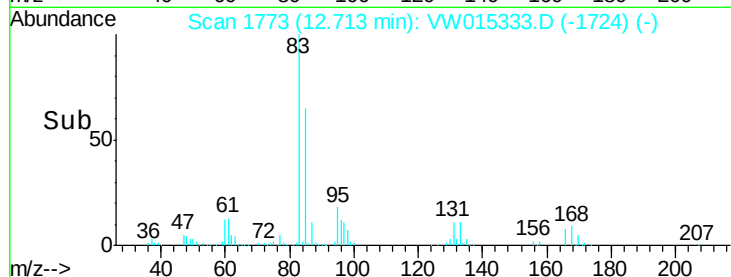
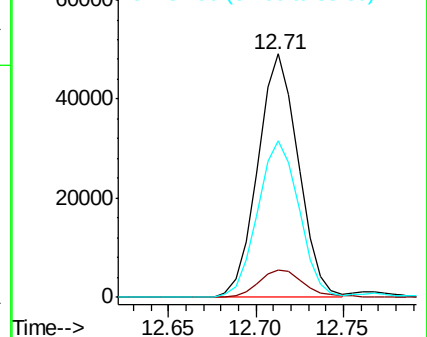
85 65.5 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 79.341 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015333.D

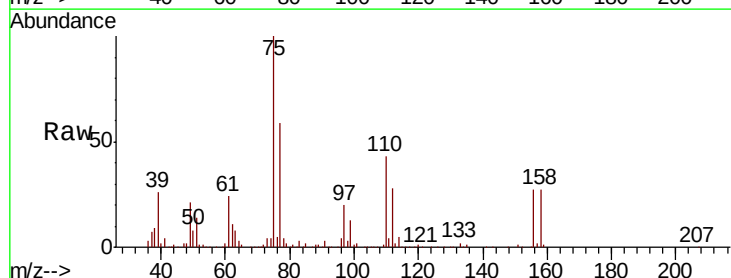
Acq: 24 Apr 2020 10:37

Tgt Ion: 75 Resp: 109034

Ion Ratio Lower Upper

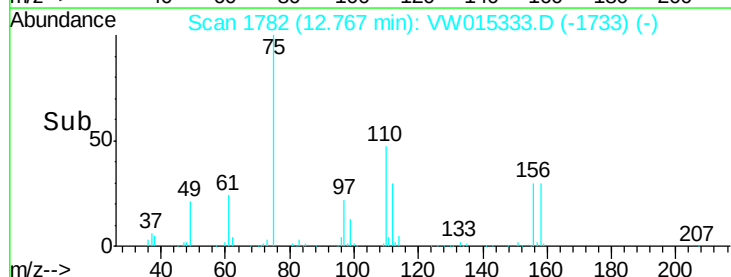
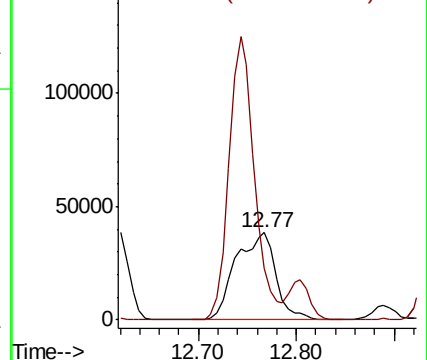
75 100

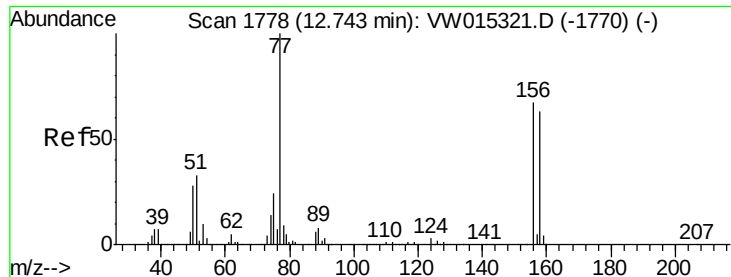
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.075 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampleId :

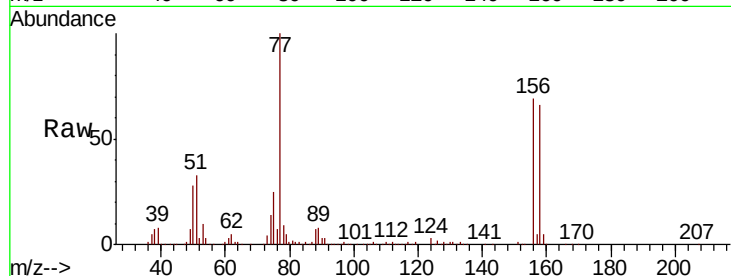
Tot Ion:156 Resp: 141698

Ion Ratio Lower Upper

156 100

77 160.1 100.5 301.5

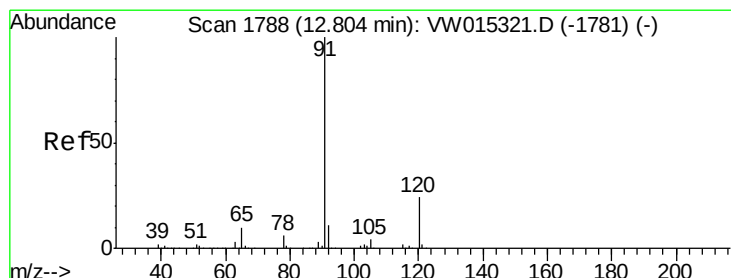
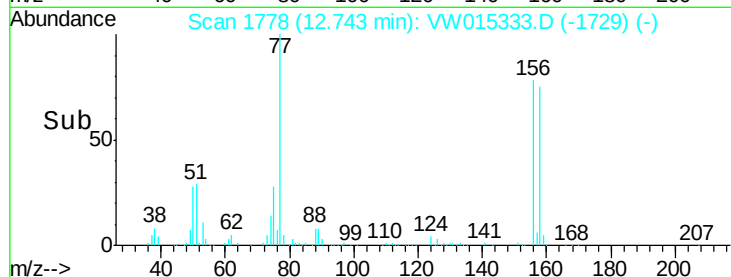
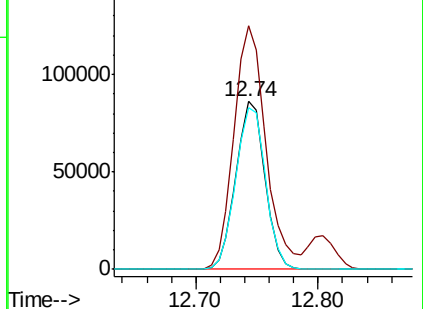
158 98.5 47.9 143.8



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: 47.913 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW015333.D

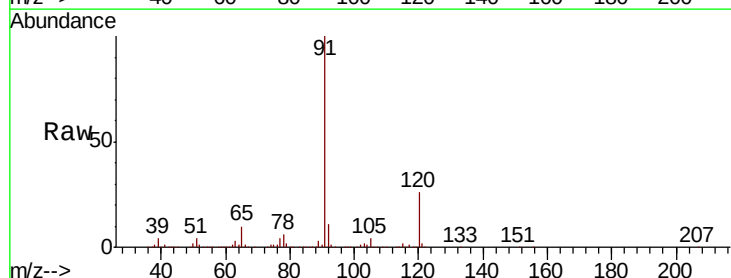
Acq: 24 Apr 2020 10:37

Tgt Ion: 91 Resp: 687089

Ion Ratio Lower Upper

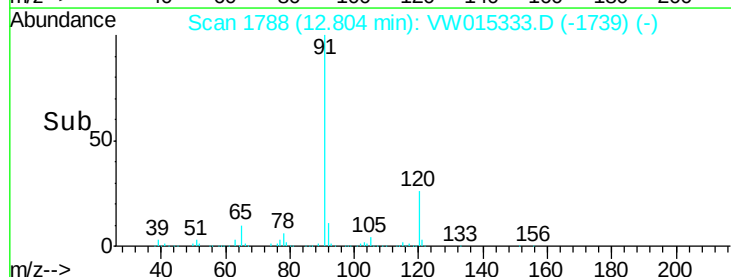
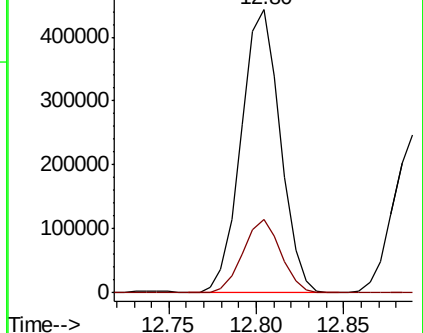
91 100

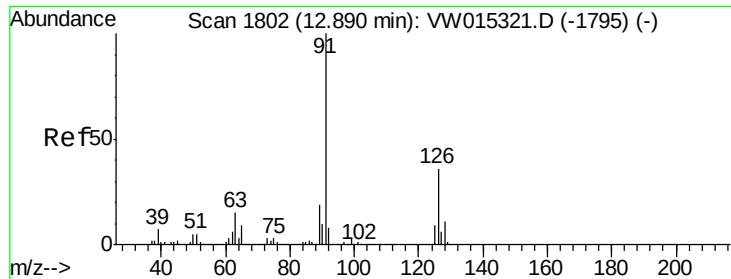
120 25.2 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.803 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

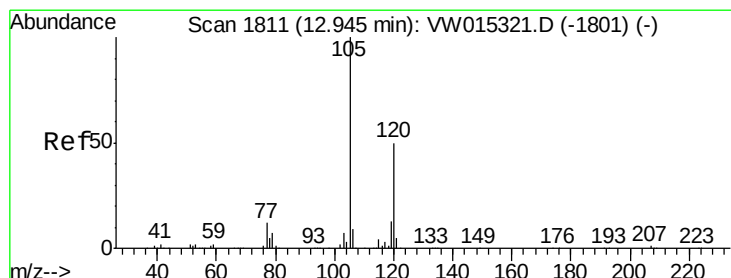
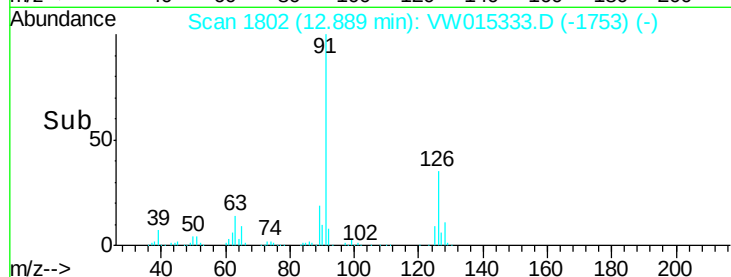
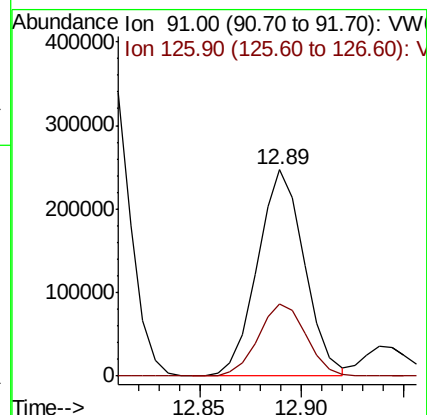
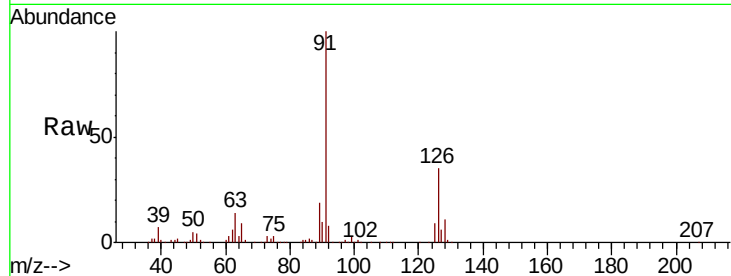
ClientSampleId :

Tot Ion: 91 Resp: 394407

Ion Ratio Lower Upper

91 100

126 36.0 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 48.605 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW015333.D

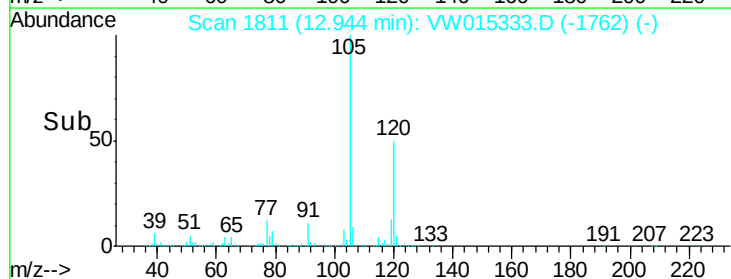
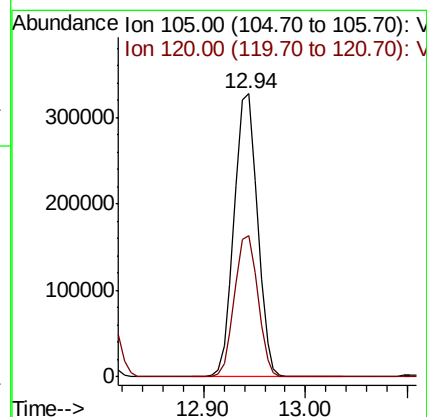
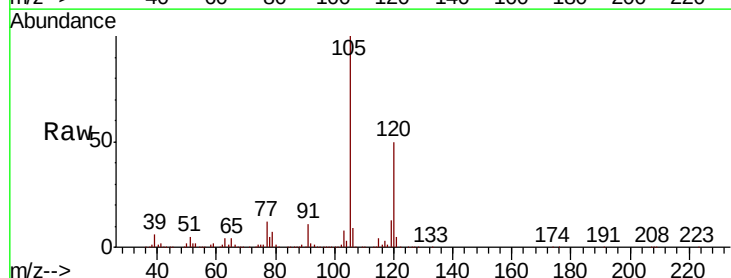
Acq: 24 Apr 2020 10:37

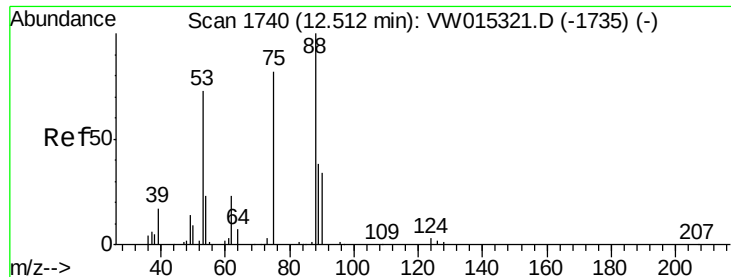
Tgt Ion:105 Resp: 515686

Ion Ratio Lower Upper

105 100

120 50.2 24.9 74.8

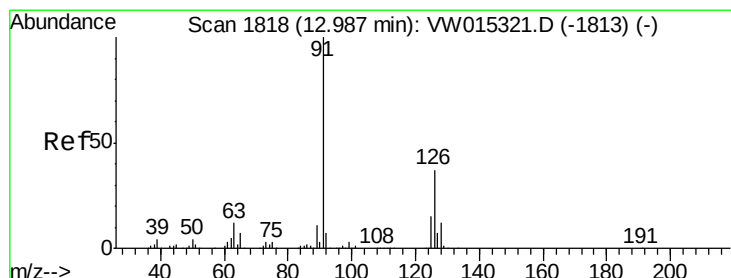
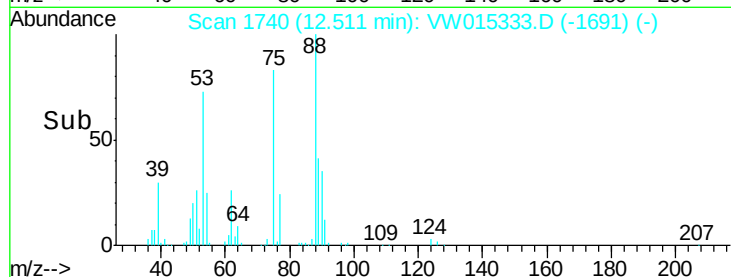
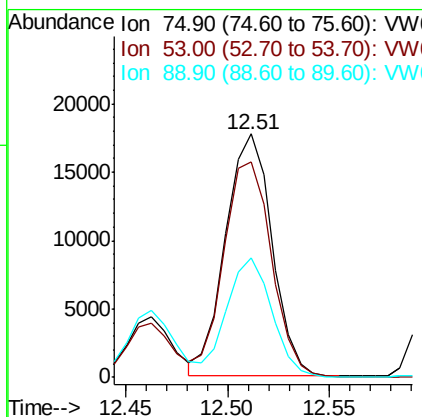
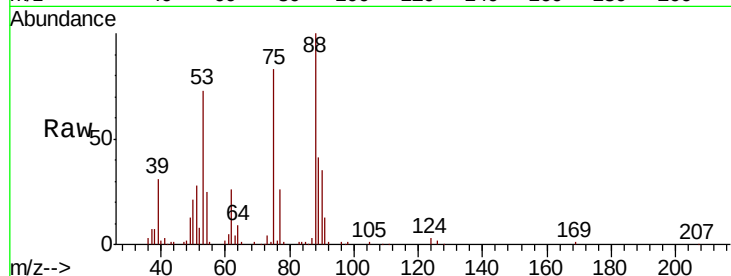




#81
trans-1,4-Dichloro-2-butene
Concen: 44.659 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

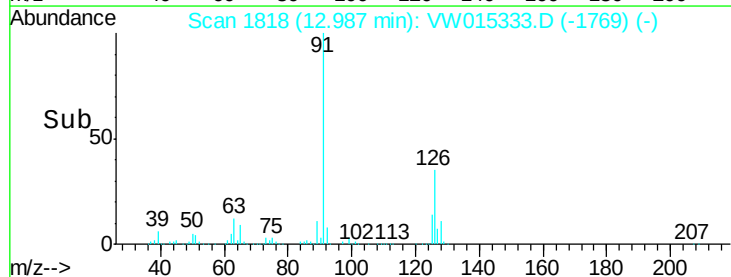
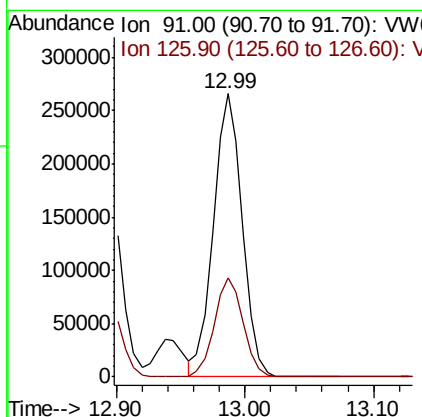
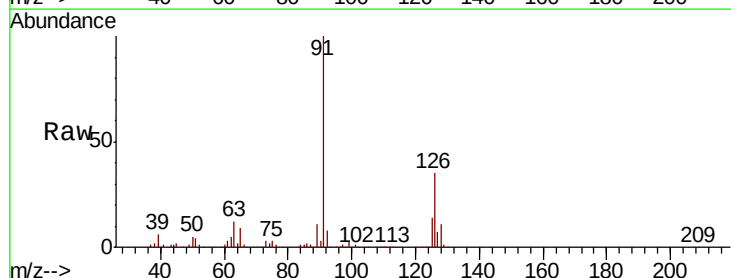
Instrument :
MSVOA_W
ClientSampleId :

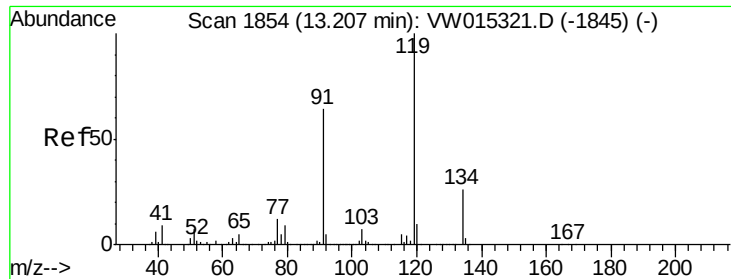
Tot Ion: 75 Resp: 28075
Ion Ratio Lower Upper
75 100
53 92.2 69.4 104.2
89 47.5 34.8 52.2



#82
4-Chlorotoluene
Concen: 48.477 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion: 91 Resp: 415962
Ion Ratio Lower Upper
91 100
126 35.1 16.8 50.3

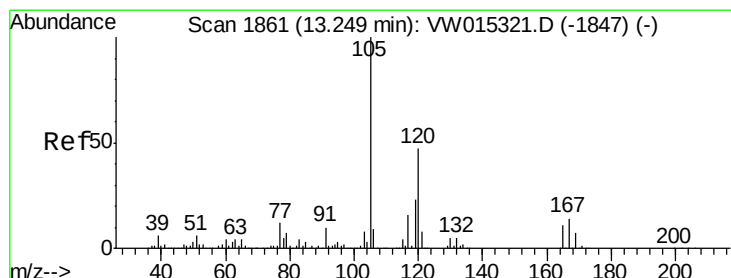
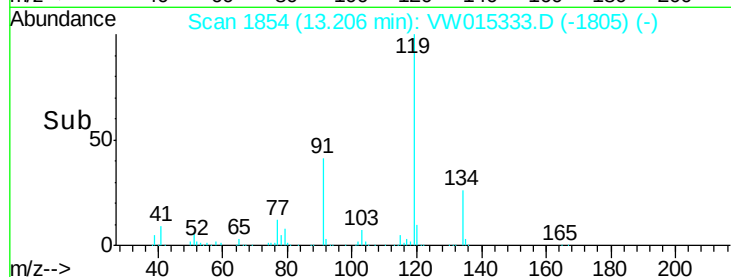
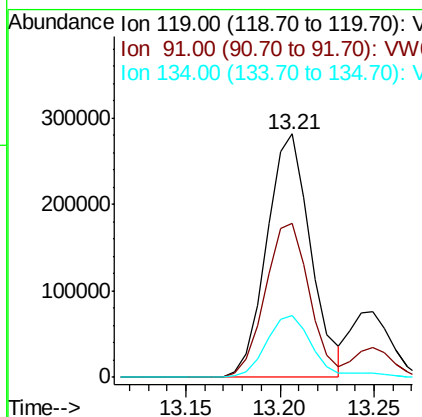
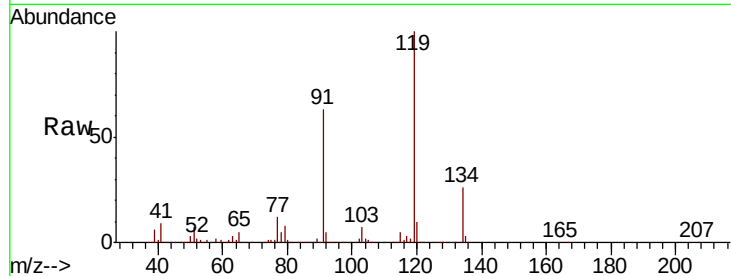




#83
 tert-Butylbenzene
 Concen: 49.187 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

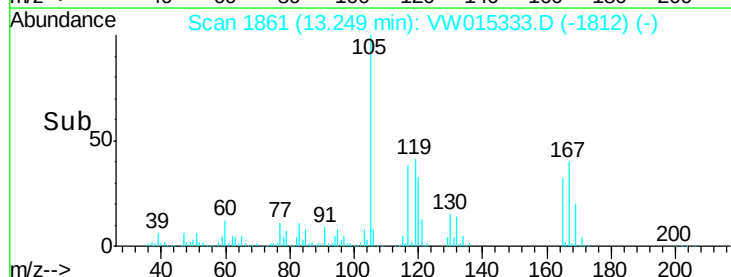
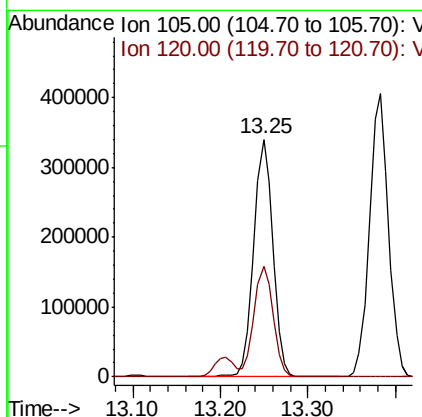
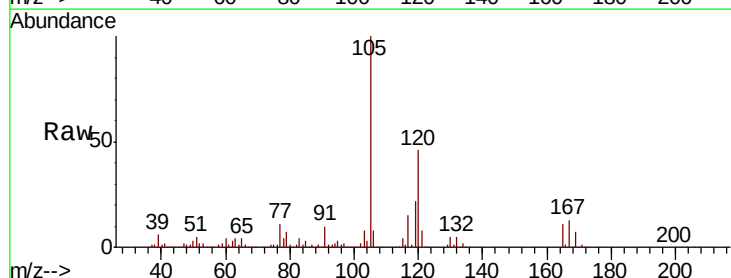
Instrument :
 MSVOA_W
 ClientSampled :

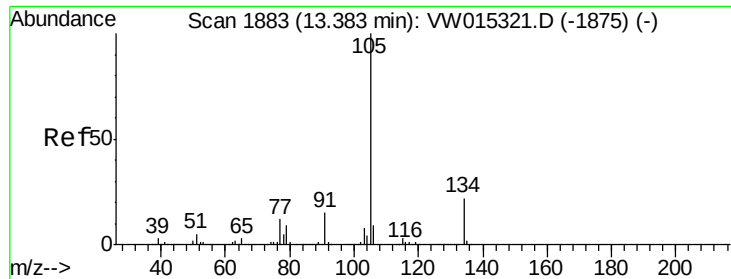
Tot Ion:119 Resp: 456111
 Ion Ratio Lower Upper
 119 100
 91 63.6 32.8 98.3
 134 27.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.098 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion:105 Resp: 513789
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.0 69.0





#85

sec-Butylbenzene

Concen: 48.098 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

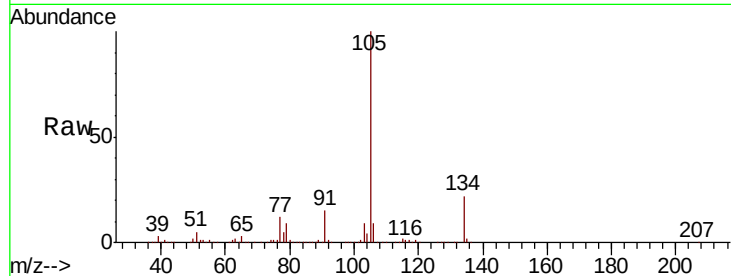
ClientSampleId :

Tot Ion:105 Resp: 615975

Ion Ratio Lower Upper

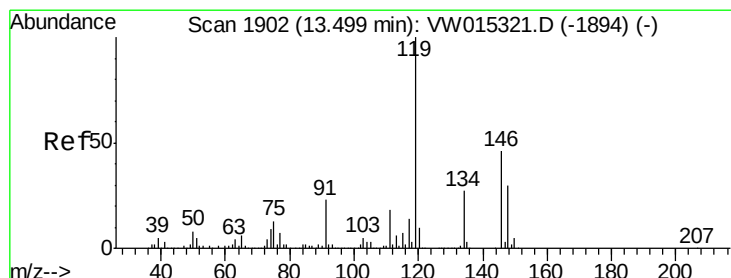
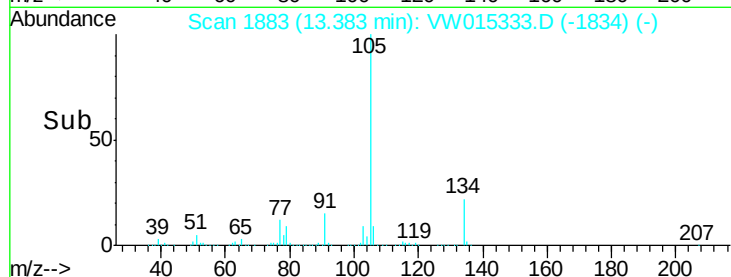
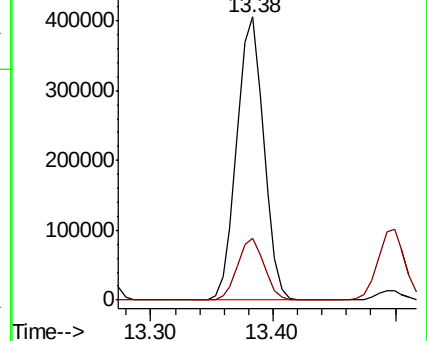
105 100

134 21.5 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: 48.833 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

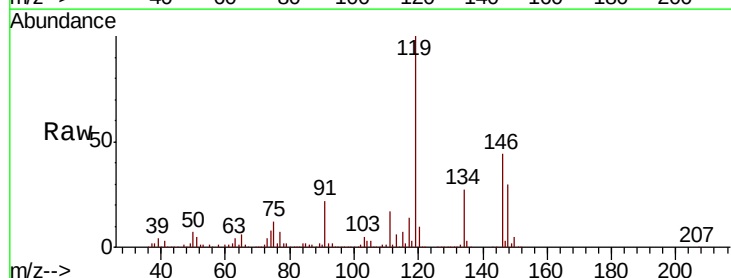
Tgt Ion:119 Resp: 581113

Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.9

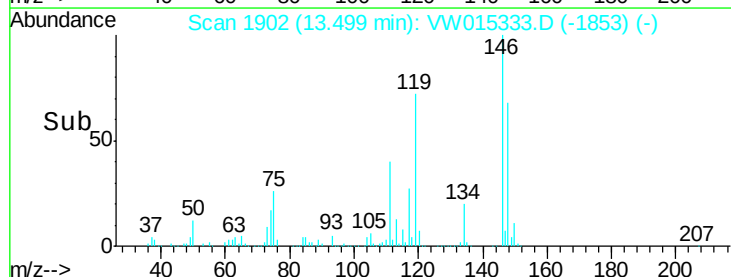
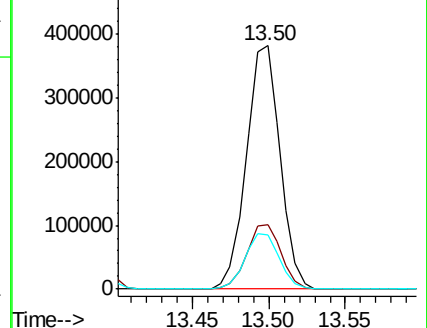
91 23.1 12.0 36.1

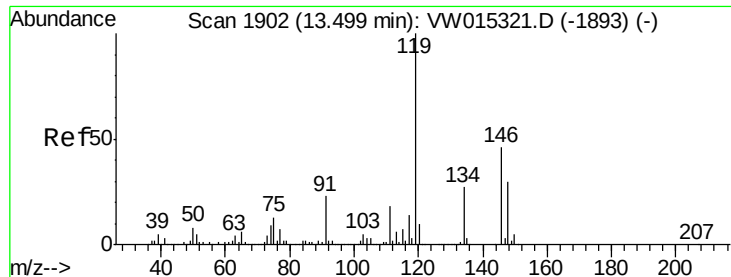


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

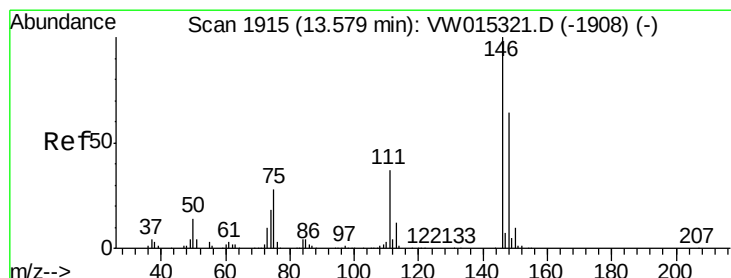
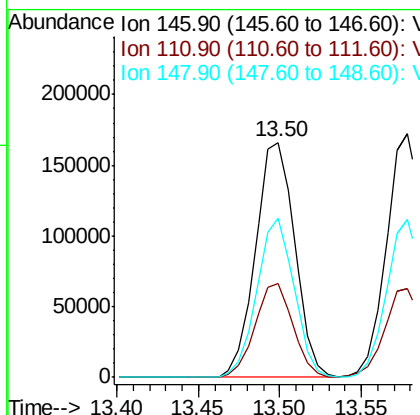
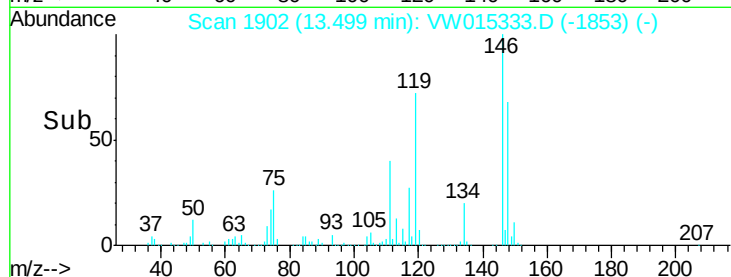
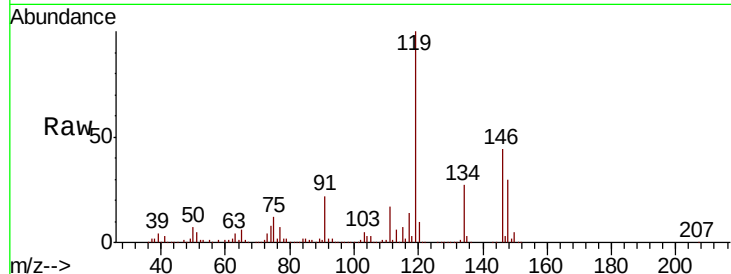




#87
 1,3-Dichlorobenzene
 Concen: 49.543 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

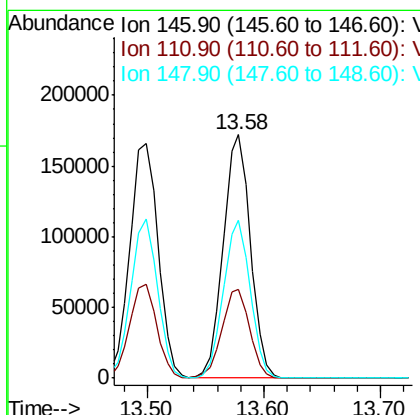
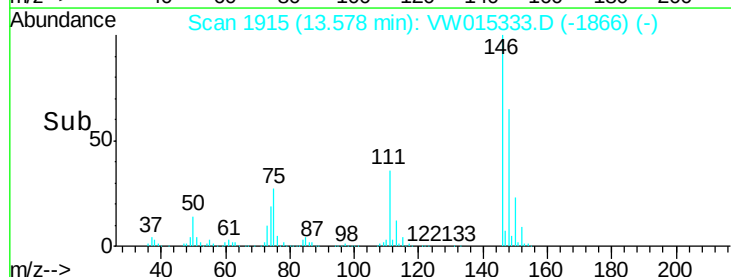
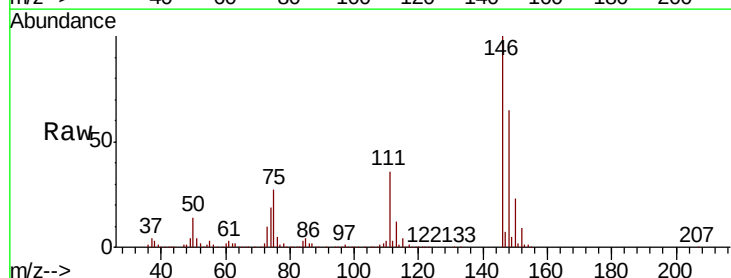
Instrument :
 MSVOA_W
 ClientSampleId :

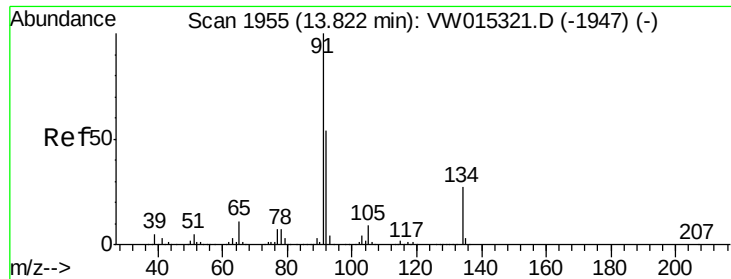
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	21.1	63.4
148	64.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.259 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	20.4	61.3
148	64.3	31.5	94.5





#89

n-Butylbenzene

Concen: 47.434 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015333.D

Acq: 24 Apr 2020 10:37

Instrument :

MSVOA_W

ClientSampled :

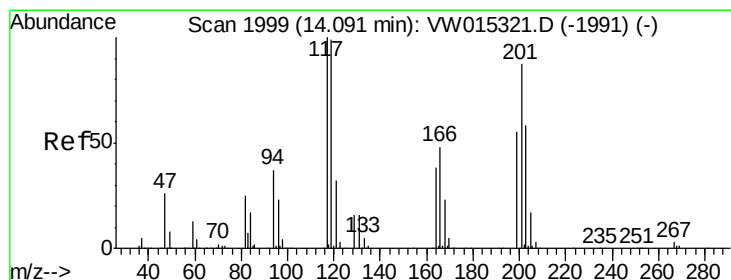
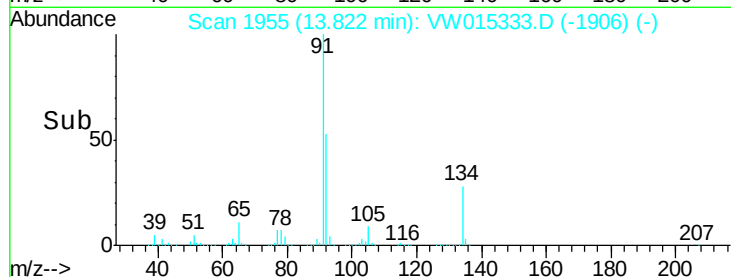
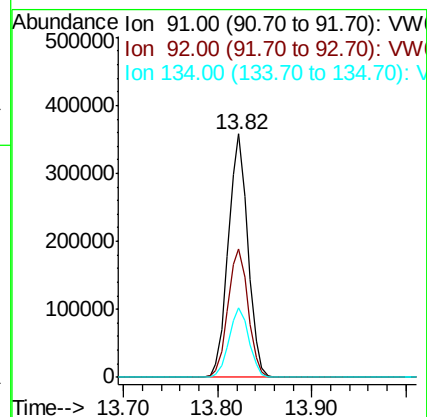
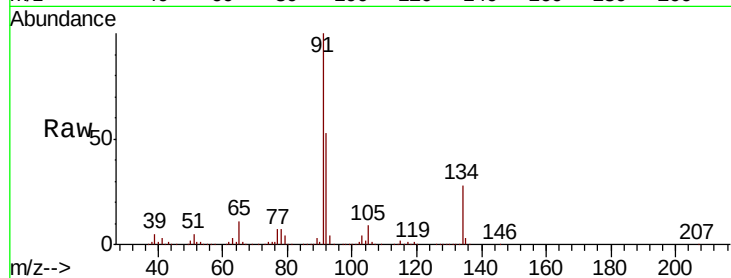
Tot Ion: 91 Resp: 515928

Ion Ratio Lower Upper

91 100

92 54.3 27.6 82.7

134 29.0 12.8 38.3



#90

Hexachloroethane

Concen: 48.148 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW015333.D

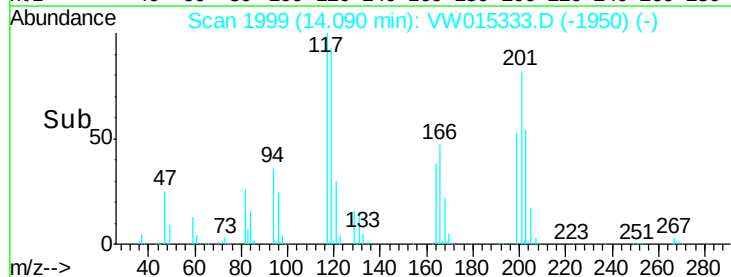
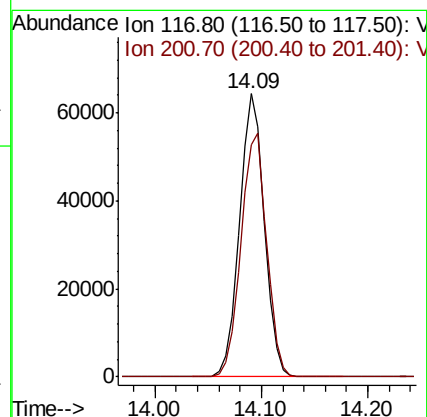
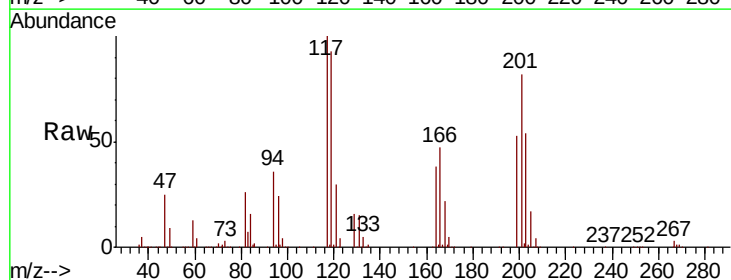
Acq: 24 Apr 2020 10:37

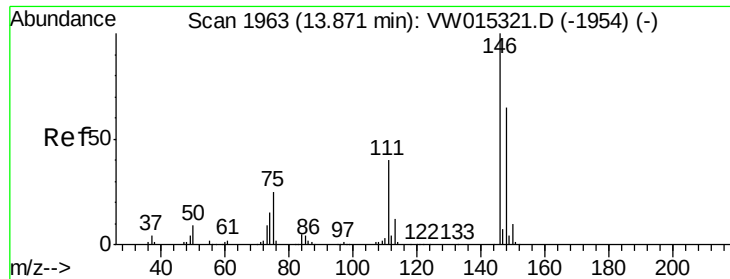
Tgt Ion: 117 Resp: 105075

Ion Ratio Lower Upper

117 100

201 89.1 33.6 100.6

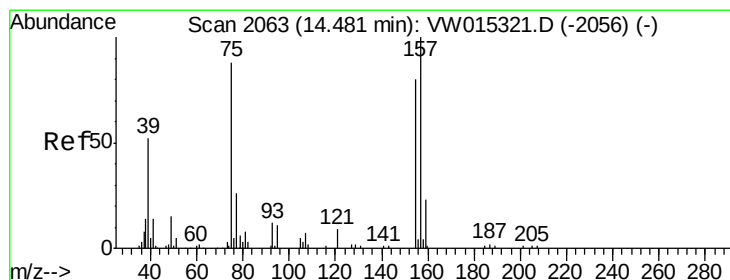
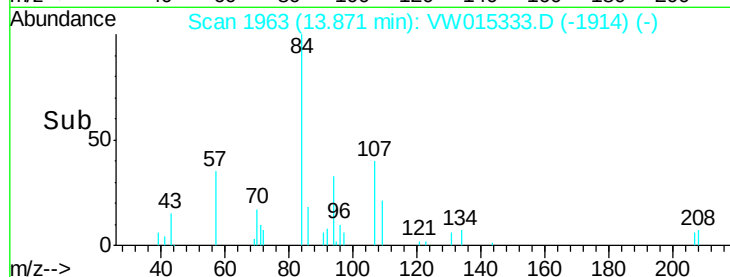
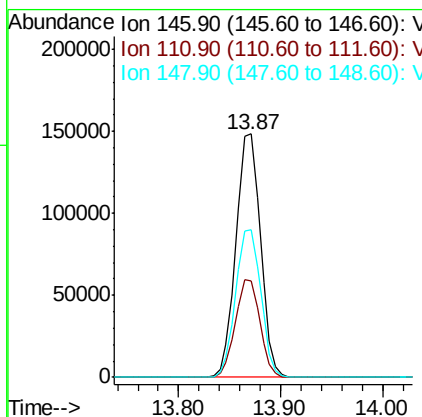
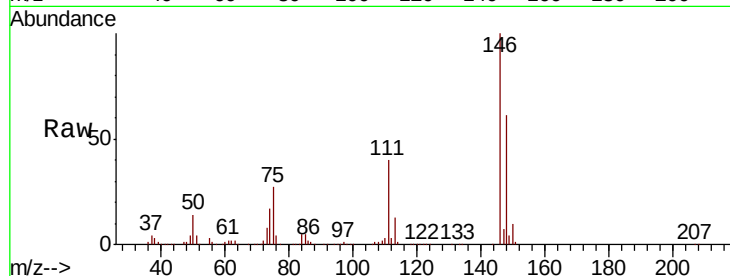




#91
 1,2-Dichlorobenzene
 Concen: 50.498 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

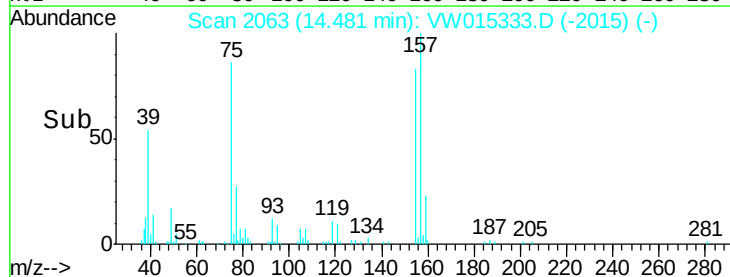
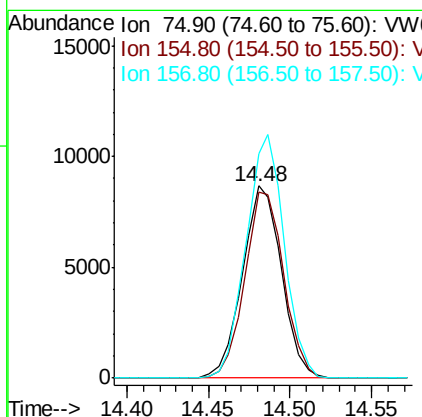
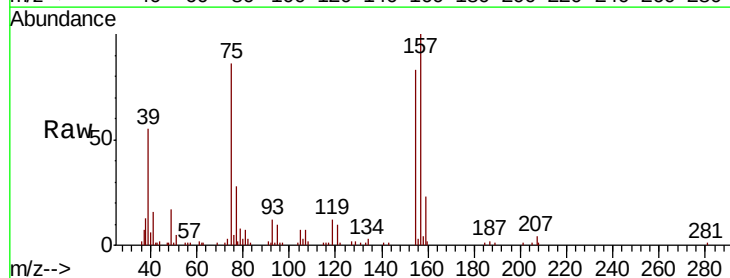
Instrument :
 MSVOA_W
 ClientSampleId :

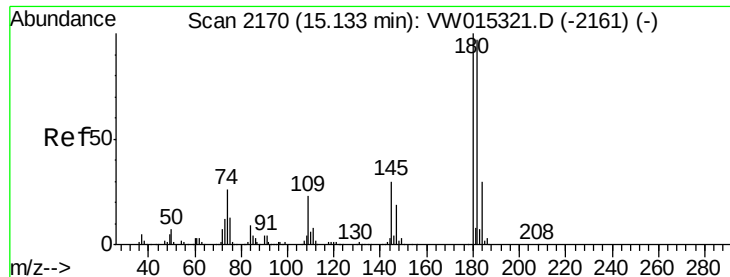
Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	21.6	65.0
148	62.3	31.0	93.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.664 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.6	41.6	124.9
157	123.7	53.8	161.2

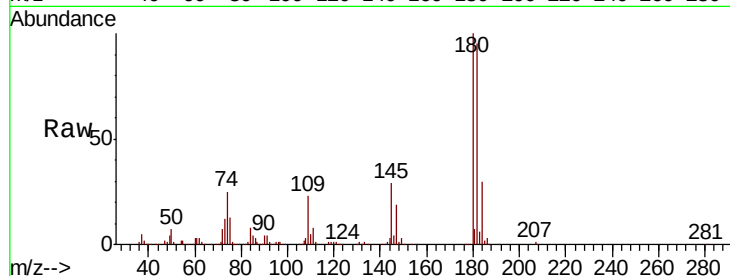




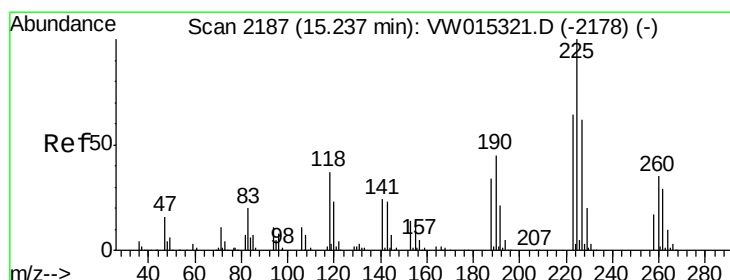
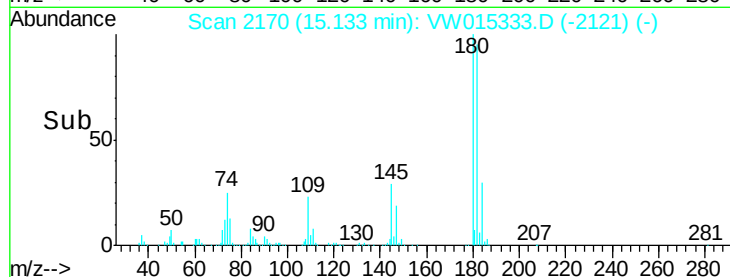
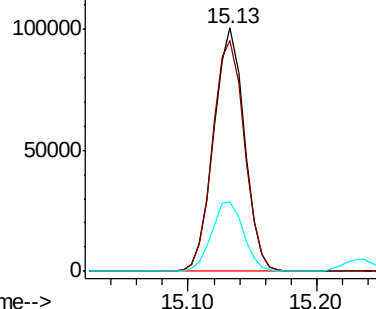
#93
 1,2,4-Trichlorobenzene
 Concen: 48.577 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Instrument :
 MSVOA_W
 ClientSampled :

Tot Ion:180 Resp: 164968
 Ion Ratio Lower Upper
 180 100
 182 98.2 47.1 141.4
 145 29.7 16.2 48.6

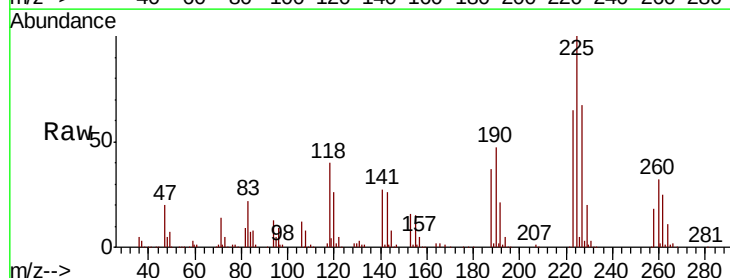


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

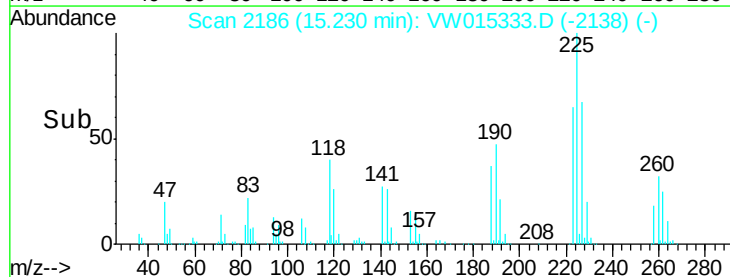
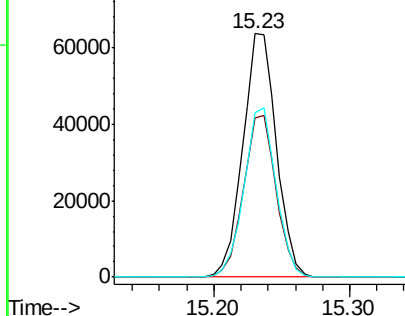


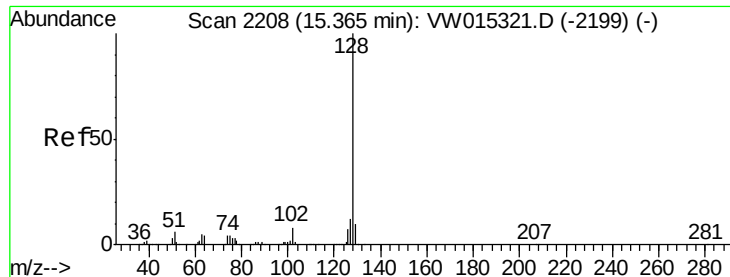
#94
 Hexachlorobutadiene
 Concen: 48.564 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015333.D
 Acq: 24 Apr 2020 10:37

Tgt Ion:225 Resp: 109954
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.0 93.0
 227 66.4 30.8 92.3



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

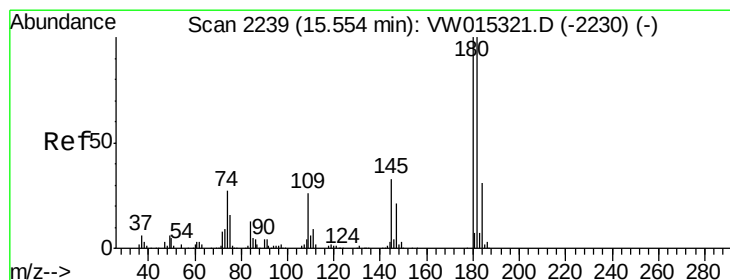
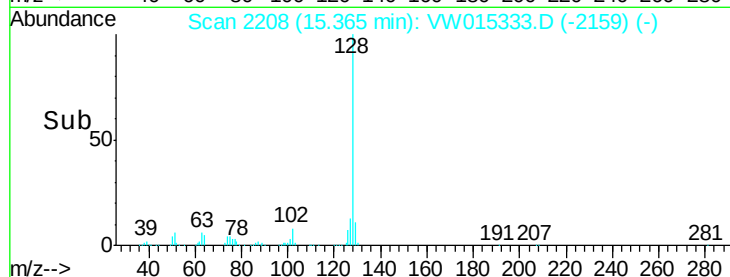
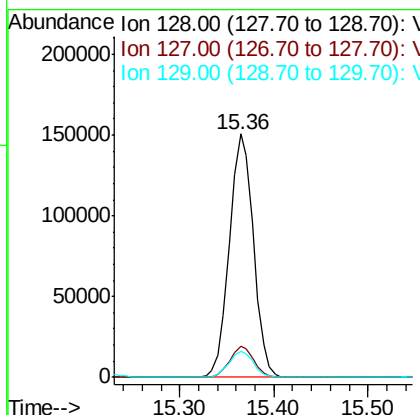
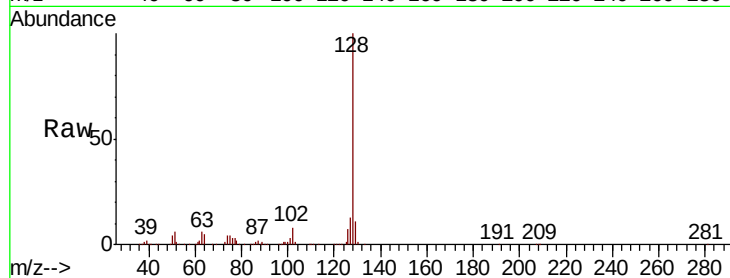




#95
Naphthalene
Concen: 48.711 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:128 Resp: 266100
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 50.462 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015333.D
Acq: 24 Apr 2020 10:37

Tgt Ion:180 Resp: 139430
Ion Ratio Lower Upper
180 100
182 95.8 48.8 146.3
145 30.9 17.2 51.6

