

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015093.D
 Acq On : 09 Mar 2020 11:02
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 09 18:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:33:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	427535	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	798598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	711877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	326814	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	63578	10.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.22%	
35) Dibromofluoromethane	7.88	113	46833	9.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.60%	
50) Toluene-d8	10.32	98	192630	9.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.24%	
62) 4-Bromofluorobenzene	12.62	95	62517	9.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	25787	9.95	ug/l	91
3) Chloromethane	2.21	50	59522	10.70	ug/l	98
4) Vinyl Chloride	2.36	62	78269	10.75	ug/l	99
5) Bromomethane	2.78	94	45371	10.90	ug/l	96
6) Chloroethane	2.92	64	44308	10.50	ug/l	95
7) Trichlorofluoromethane	3.26	101	37726	10.35	ug/l	98
8) Diethyl Ether	3.68	74	27522	9.91	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	58930	10.61	ug/l	97
10) Methyl Iodide	4.28	142	64487	10.43	ug/l	99
11) Tert butyl alcohol	5.17	59	16931	46.86	ug/l	97
12) 1,1-Dichloroethene	4.04	96	55842	10.28	ug/l	92
13) Acrolein	3.90	56	25841	48.91	ug/l	94
14) Allyl chloride	4.67	41	105002	9.65	ug/l	98
15) Acrylonitrile	5.37	53	67582	47.47	ug/l	99
16) Acetone	4.13	43	71536	49.90	ug/l	93
17) Carbon Disulfide	4.39	76	199738	10.37	ug/l	100
18) Methyl Acetate	4.68	43	33377	9.82	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	66600	9.58	ug/l	95
20) Methylene Chloride	4.92	84	74281	11.19	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	57134	9.91	ug/l	97
22) Diisopropyl ether	6.31	45	202479	9.69	ug/l	93
23) Vinyl Acetate	6.26	43	557517	45.21	ug/l	100
24) 1,1-Dichloroethane	6.21	63	126276	10.37	ug/l	98
25) 2-Butanone	7.17	43	92241	46.93	ug/l	98
26) 2,2-Dichloropropane	7.17	77	74789	10.74	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	60025	10.00	ug/l	99
28) Bromochloromethane	7.51	49	61636	10.56	ug/l	99
29) Tetrahydrofuran	7.53	42	55635	45.26	ug/l	98
30) Chloroform	7.67	83	112620	10.42	ug/l	99
31) Cyclohexane	7.95	56	127753	10.20	ug/l	# 93
32) 1,1,1-Trichloroethane	7.87	97	86907	10.30	ug/l	99
36) 1,1-Dichloropropene	8.08	75	91749	9.91	ug/l	98
37) Ethyl Acetate	7.25	43	42804	9.27	ug/l	98
38) Carbon Tetrachloride	8.06	117	76153	10.10	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015093.D
 Acq On : 09 Mar 2020 11:02
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 09 18:36:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 09 18:33:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	97866	9.24	ug/l	99
40) Benzene	8.32	78	262628	10.20	ug/l	98
41) Methacrylonitrile	7.49	41	21205	8.69	ug/l	98
42) 1,2-Dichloroethane	8.40	62	79374	10.12	ug/l	100
43) Isopropyl Acetate	8.42	43	76992	9.30	ug/l	99
44) Trichloroethene	9.09	130	55334	10.10	ug/l	97
45) 1,2-Dichloropropane	9.37	63	69873	10.08	ug/l	98
46) Dibromomethane	9.46	93	30659	10.17	ug/l	98
47) Bromodichloromethane	9.64	83	80096	9.95	ug/l	94
48) Methyl methacrylate	9.43	41	32898	8.61	ug/l	97
49) 1,4-Dioxane	9.45	88	8129	176.17	ug/l	92
51) 4-Methyl-2-Pentanone	10.21	43	212328	46.45	ug/l	99
52) Toluene	10.38	92	145256	9.82	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74402	9.40	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	91699	9.51	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	40970	9.92	ug/l	99
56) Ethyl methacrylate	10.65	69	44891	8.42	ug/l	95
57) 1,3-Dichloropropane	10.93	76	75199	9.56	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	142414	45.55	ug/l	100
59) 2-Hexanone	10.97	43	120045	42.05	ug/l	96
60) Dibromochloromethane	11.13	129	41670	9.77	ug/l	99
61) 1,2-Dibromoethane	11.23	107	35625	9.73	ug/l	98
64) Tetrachloroethene	10.86	164	40701	9.91	ug/l	96
65) Chlorobenzene	11.65	112	142590	9.98	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	47809	10.05	ug/l	98
67) Ethyl Benzene	11.73	91	267319	9.61	ug/l	96
68) m/p-Xylenes	11.84	106	187697	19.10	ug/l	100
69) o-Xylene	12.16	106	82421	9.31	ug/l	99
70) Styrene	12.18	104	137963	9.09	ug/l	99
71) Bromoform	12.35	173	20808	9.85	ug/l #	95
73) Isopropylbenzene	12.46	105	228572	9.16	ug/l	99
74) N-amyl acetate	12.27	43	60889	8.25	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	49067	9.68	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	62489	10.32	ug/l #	100
77) Bromobenzene	12.74	156	46364	9.40	ug/l	95
78) n-propylbenzene	12.80	91	302383	9.32	ug/l	98
79) 2-Chlorotoluene	12.89	91	171918	9.42	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	201123	9.37	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14545	8.89	ug/l	93
82) 4-Chlorotoluene	12.99	91	189055	9.73	ug/l	99
83) tert-Butylbenzene	13.21	119	157231	9.04	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	201367	9.38	ug/l	99
85) sec-Butylbenzene	13.38	105	244722	9.30	ug/l	100
86) p-Isopropyltoluene	13.49	119	207344	9.17	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	103484	9.90	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	103845	10.09	ug/l	97
89) n-Butylbenzene	13.82	91	221695	9.09	ug/l	97
90) Hexachloroethane	14.09	117	44697	9.85	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	90565	9.89	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7565	9.29	ug/l	97

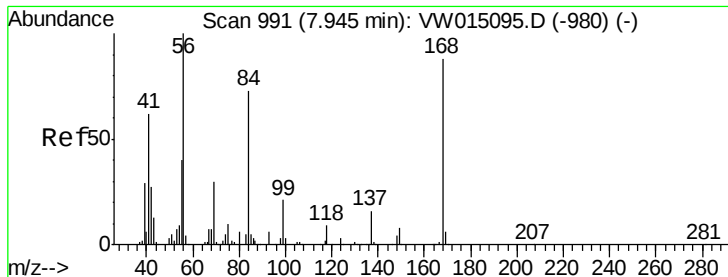
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
Data File : VW015093.D
Acq On : 09 Mar 2020 11:02
Operator : SY/VA
Sample : VSTDICC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Quant Time: Mar 09 18:36:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030920S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 09 18:33:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	47027	8.97	ug/l	99
94) Hexachlorobutadiene	15.23	225	32748	9.95	ug/l	98
95) Naphthalene	15.36	128	75840	7.75	ug/l	98
96) 1,2,3-Trichlorobenzene	15.55	180	43399	9.34	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

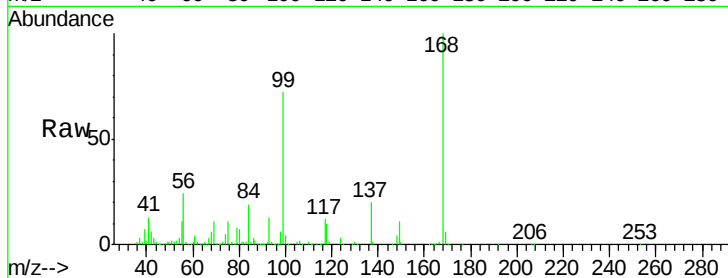
VSTDIC010

Tgt Ion: 168 Resp: 427535

Ion Ratio Lower Upper

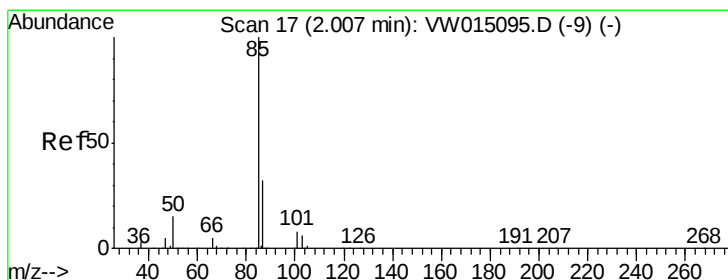
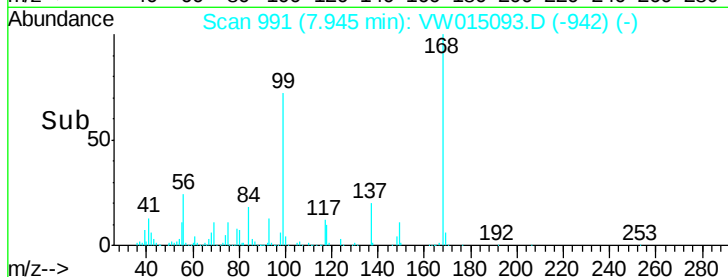
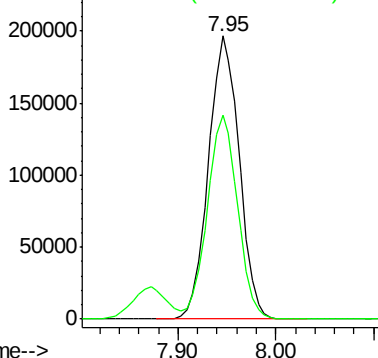
168 100

99 71.8 57.2 85.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 9.95 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW015093.D

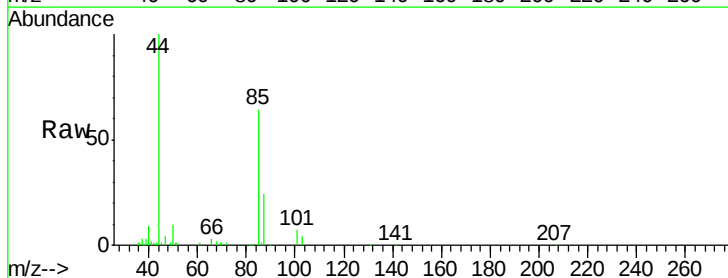
Acq: 09 Mar 2020 11:02

Tgt Ion: 85 Resp: 25787

Ion Ratio Lower Upper

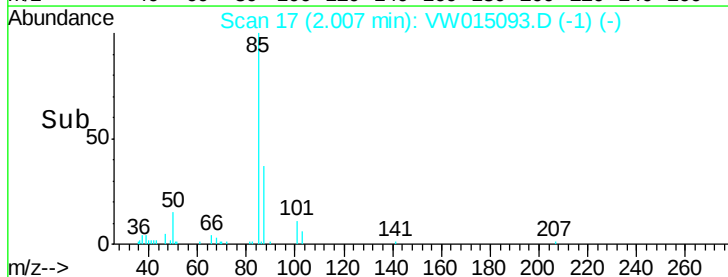
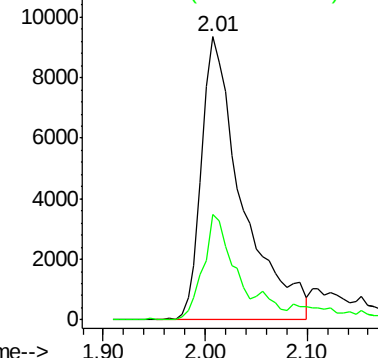
85 100

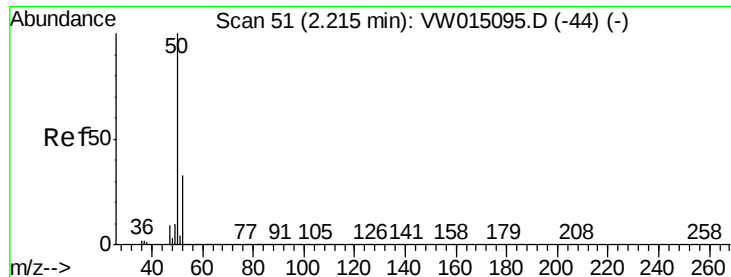
87 37.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 10.70 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

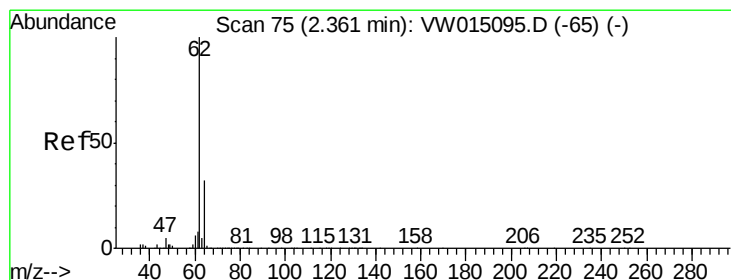
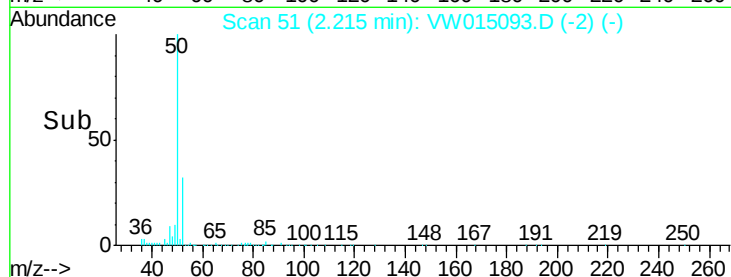
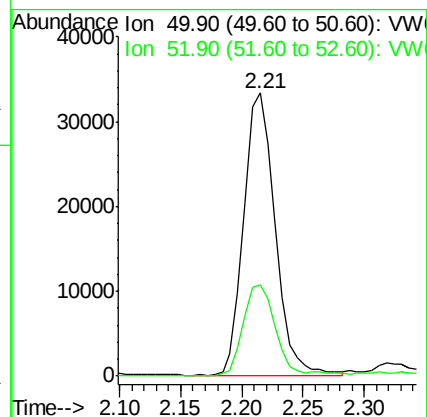
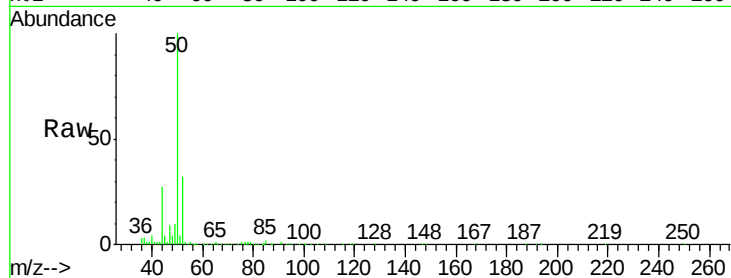
VSTDIC010

Tgt Ion: 50 Resp: 59522

Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0



#4

Vinyl Chloride

Concen: 10.75 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW015093.D

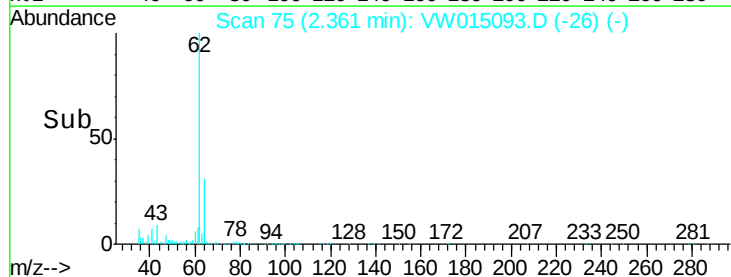
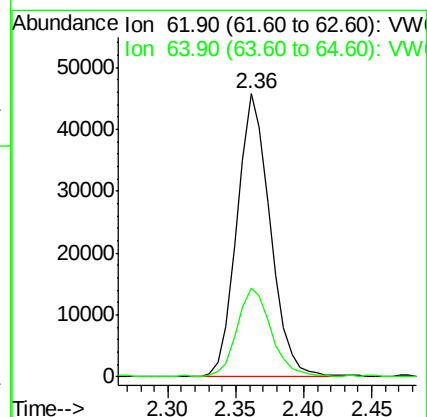
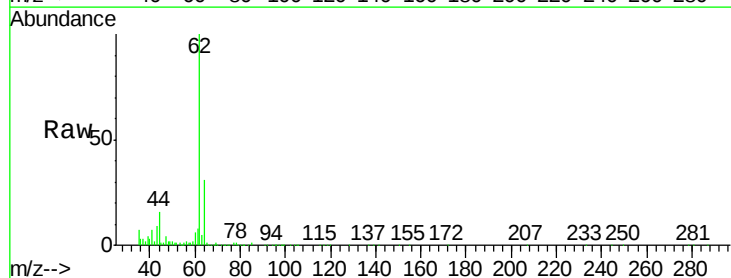
Acq: 09 Mar 2020 11:02

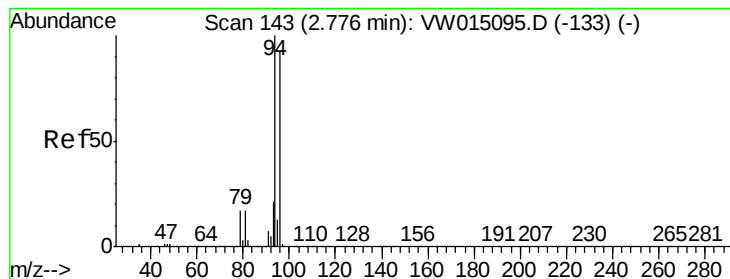
Tgt Ion: 62 Resp: 78269

Ion Ratio Lower Upper

62 100

64 30.9 25.3 37.9





#5

Bromomethane

Concen: 10.90 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

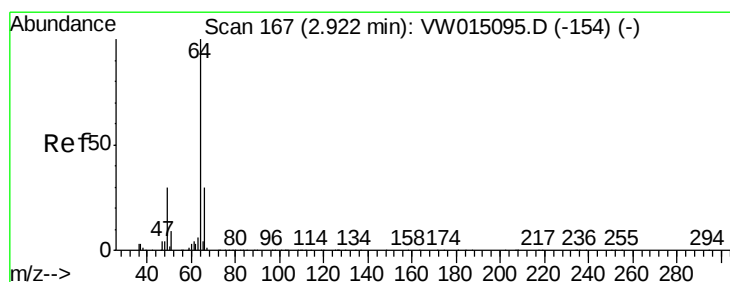
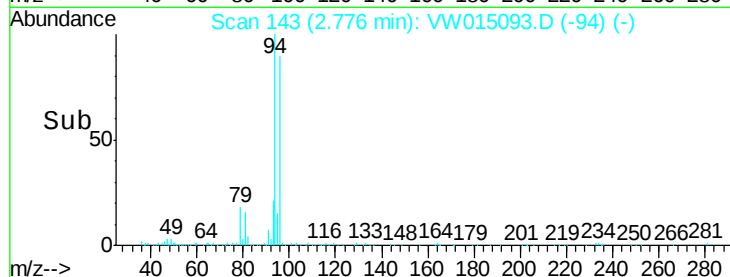
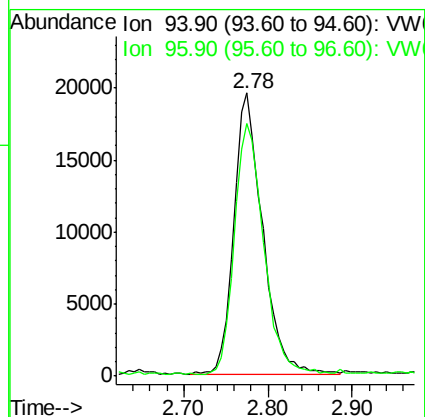
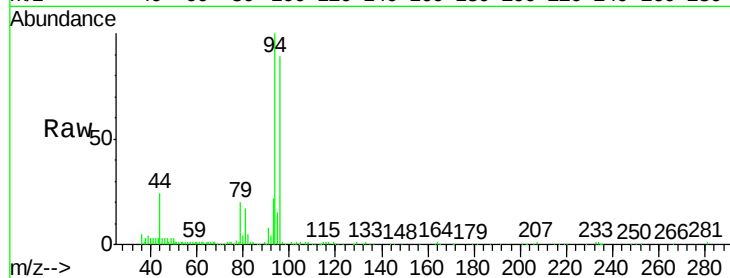
VSTDIC010

Tgt Ion: 94 Resp: 45371

Ion Ratio Lower Upper

94 100

96 88.9 74.0 111.0



#6

Chloroethane

Concen: 10.50 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW015093.D

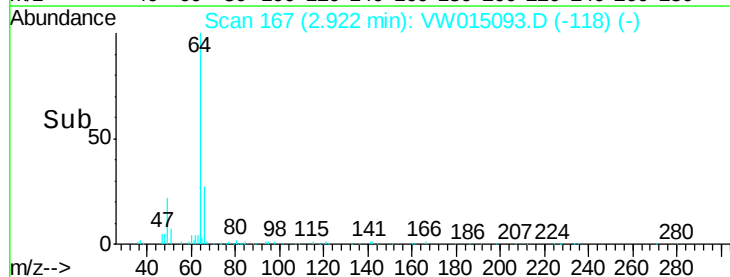
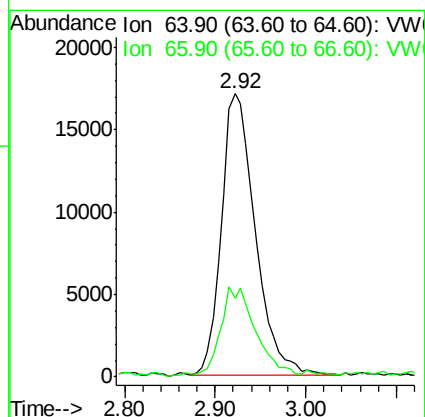
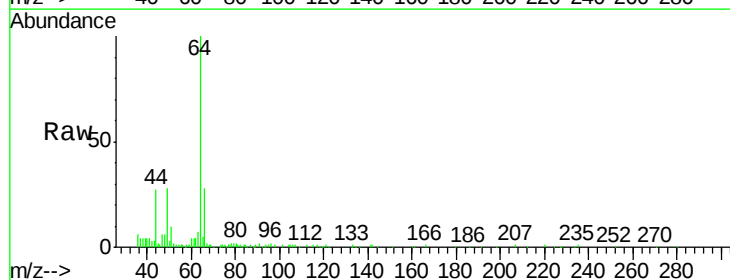
Acq: 09 Mar 2020 11:02

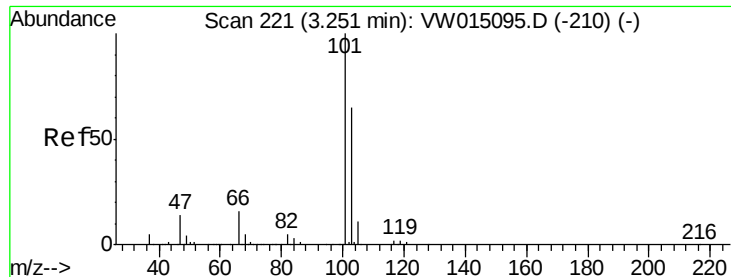
Tgt Ion: 64 Resp: 44308

Ion Ratio Lower Upper

64 100

66 27.4 24.2 36.2





#7

Trichlorofluoromethane

Concen: 10.35 ug/l

RT: 3.26 min Scan# 222

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

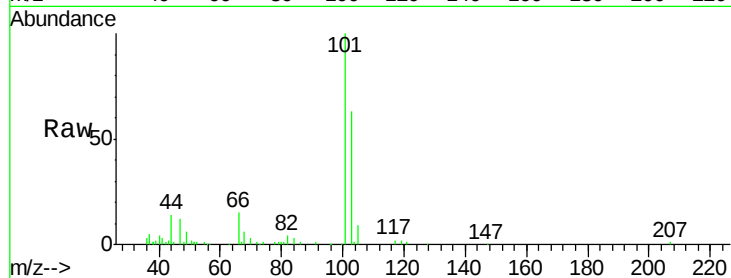
VSTDIC010

Tgt Ion:101 Resp: 37726

Ion Ratio Lower Upper

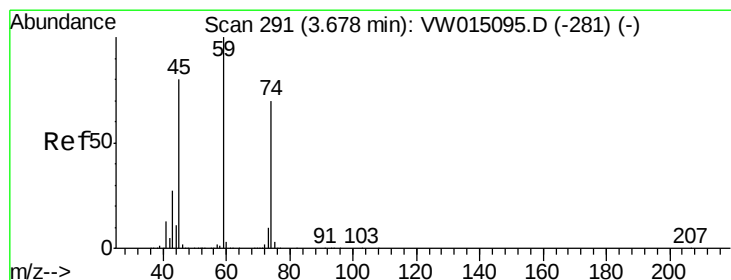
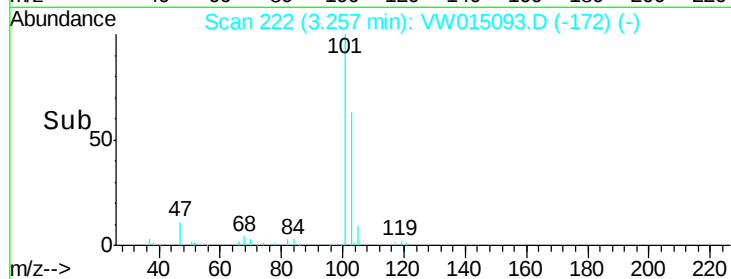
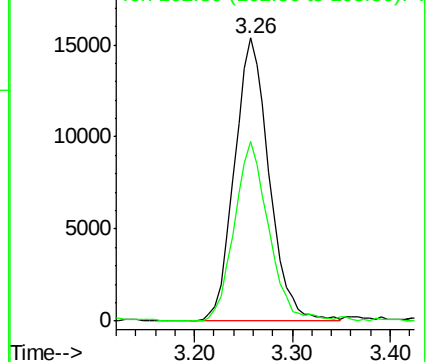
101 100

103 63.3 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 9.91 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW015093.D

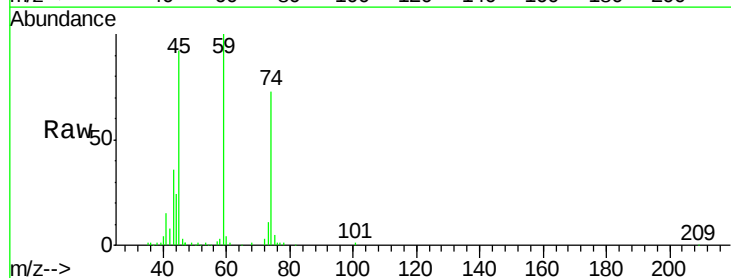
Acq: 09 Mar 2020 11:02

Tgt Ion: 74 Resp: 27522

Ion Ratio Lower Upper

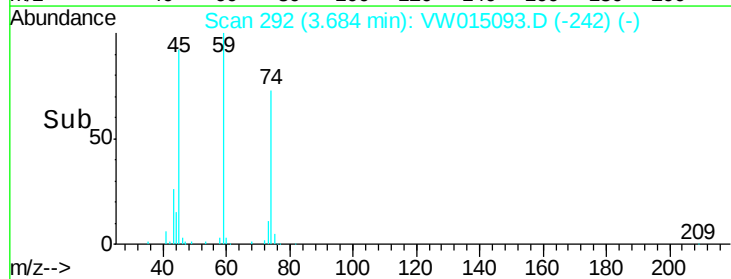
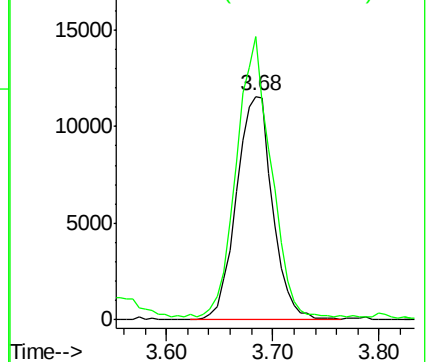
74 100

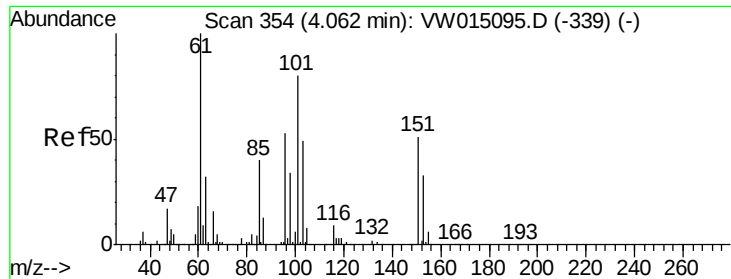
45 119.7 59.2 177.5



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.61 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

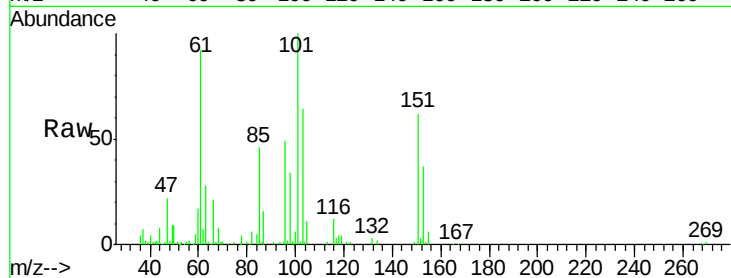
Tgt Ion:101 Resp: 58930

Ion Ratio Lower Upper

101 100

85 47.1 39.0 58.4

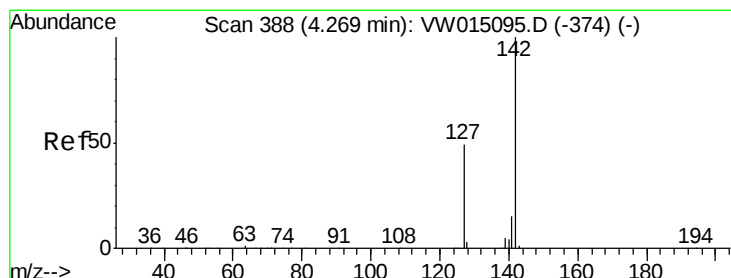
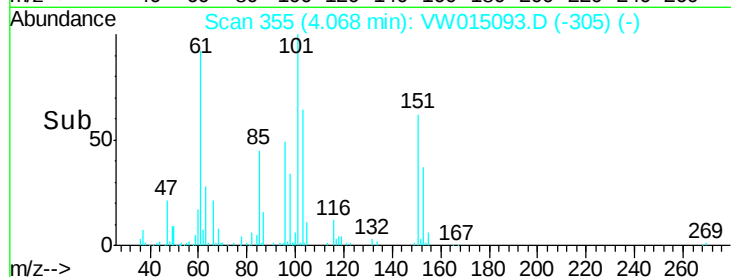
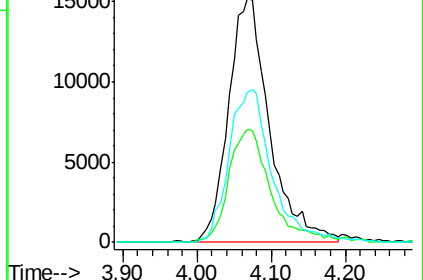
151 65.7 50.8 76.2



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: 10.43 ug/l

RT: 4.28 min Scan# 389

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

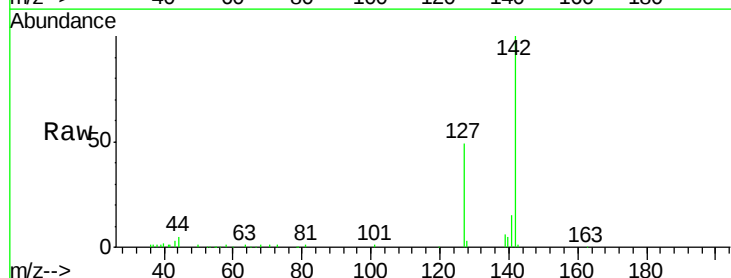
Tgt Ion:142 Resp: 64487

Ion Ratio Lower Upper

142 100

127 47.3 38.2 57.4

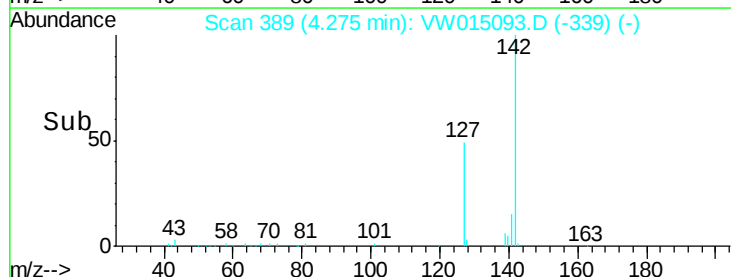
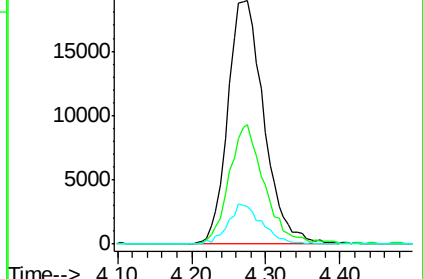
141 15.5 12.0 18.0

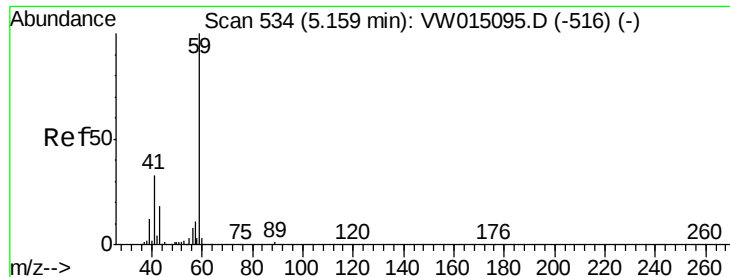


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 46.86 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampled :

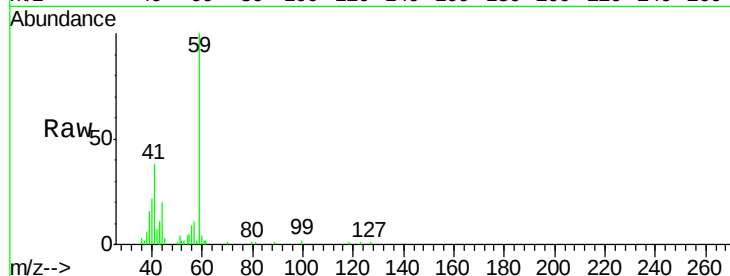
VSTDIC010

Tgt Ion: 59 Resp: 16931

Ion Ratio Lower Upper

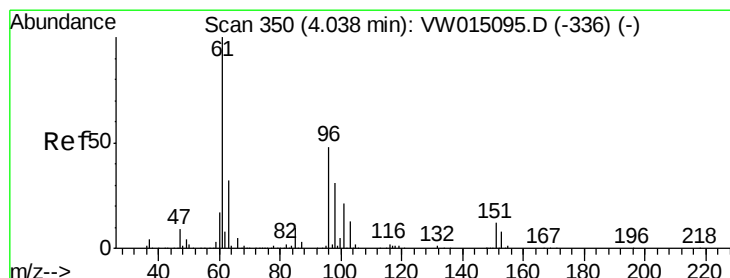
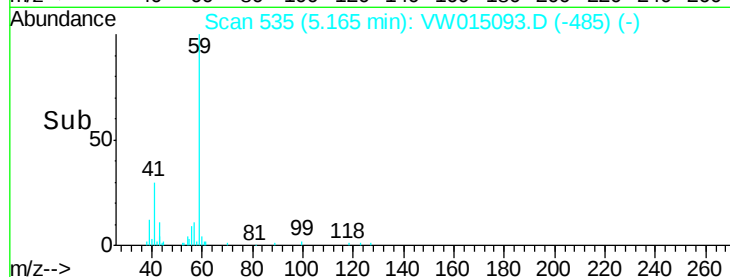
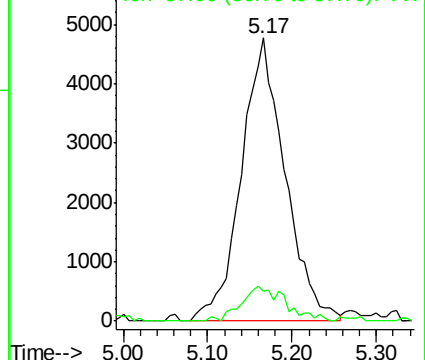
59 100

57 12.5 9.1 13.7



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW



#12

1,1-Dichloroethene

Concen: 10.28 ug/l

RT: 4.04 min Scan# 351

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

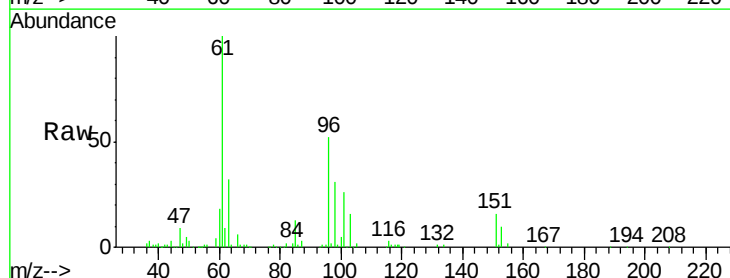
Tgt Ion: 96 Resp: 55842

Ion Ratio Lower Upper

96 100

61 192.4 165.5 248.3

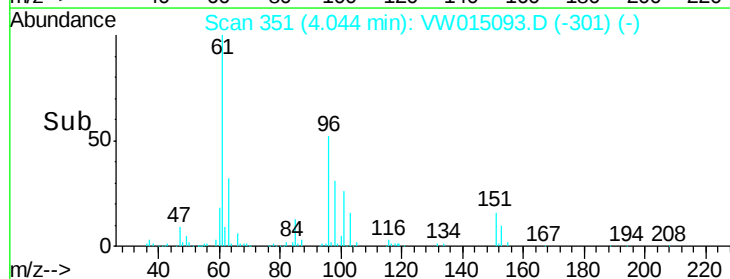
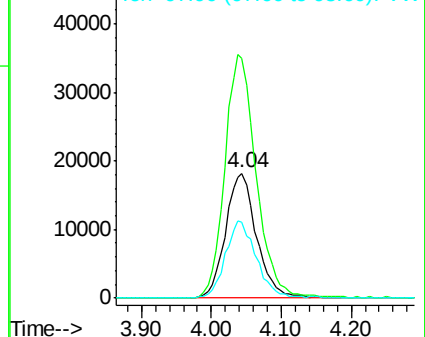
98 60.6 51.1 76.7

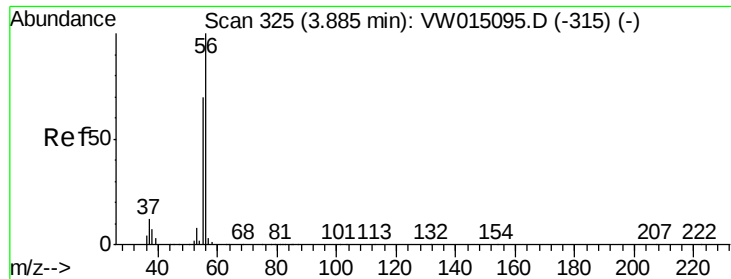


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW





#13

Acrolein

Concen: 48.91 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

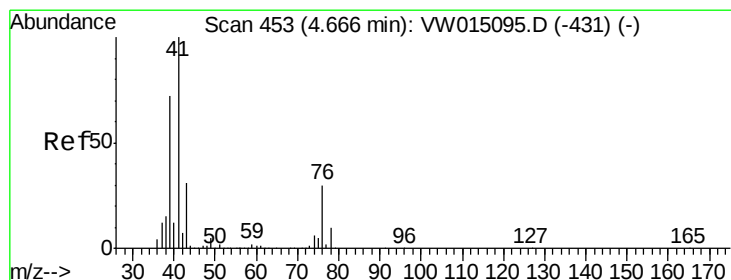
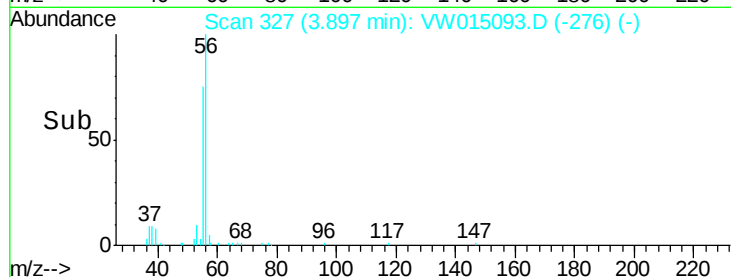
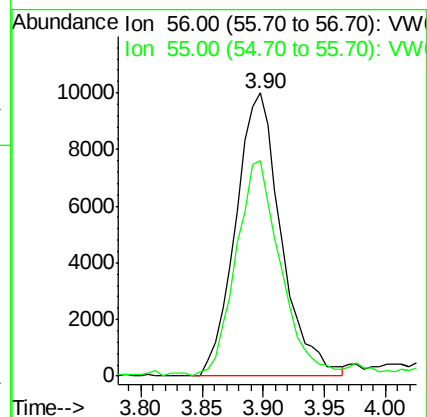
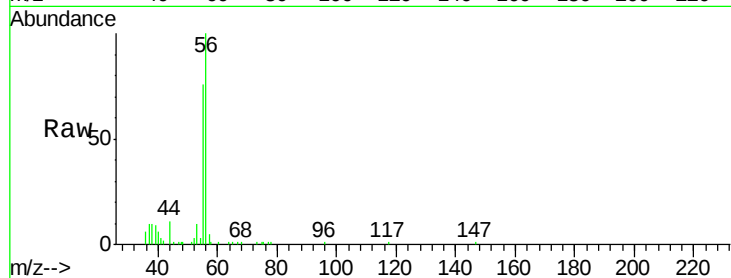
VSTDIC010

Tgt Ion: 56 Resp: 25841

Ion Ratio Lower Upper

56 100

55 74.3 55.4 83.2



#14

Allyl chloride

Concen: 9.65 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

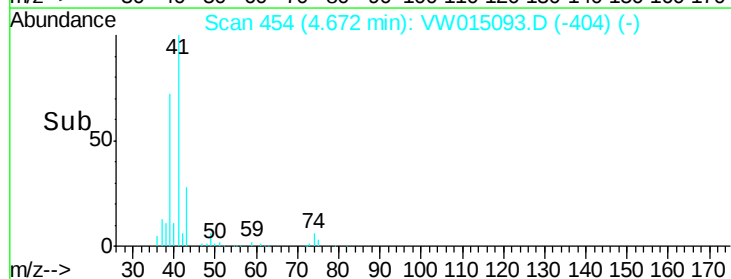
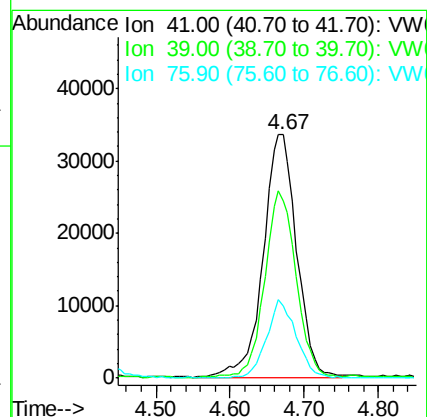
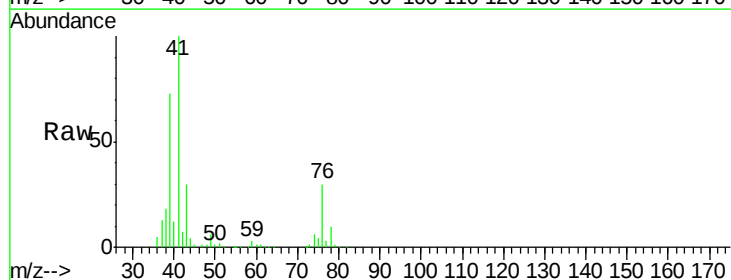
Tgt Ion: 41 Resp: 105002

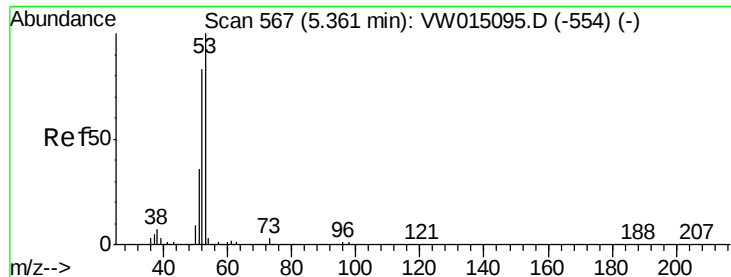
Ion Ratio Lower Upper

41 100

39 73.4 56.9 85.3

76 28.7 23.2 34.8





#15

Acrylonitrile

Concen: 47.47 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

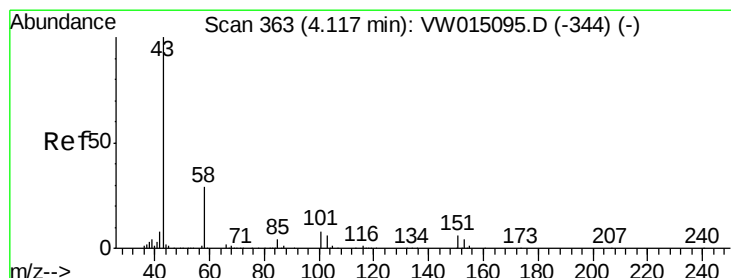
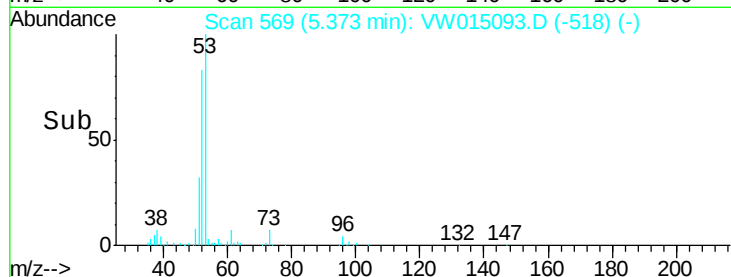
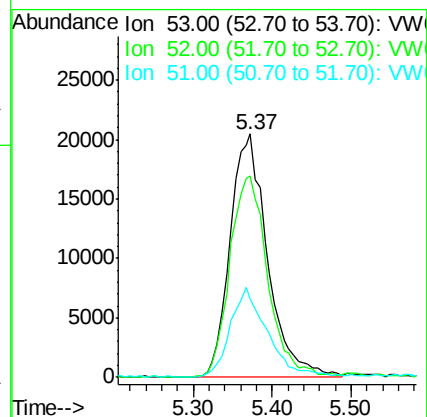
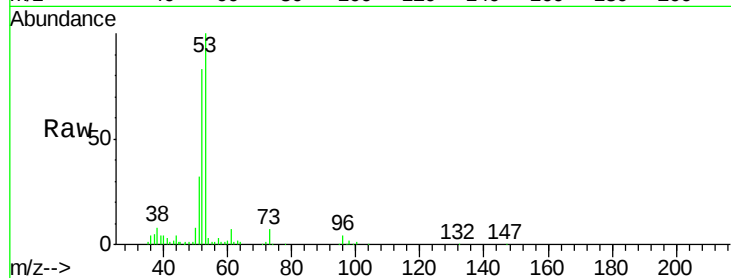
Tgt Ion: 53 Resp: 67582

Ion Ratio Lower Upper

53 100

52 83.4 67.2 100.8

51 37.7 29.8 44.6



#16

Acetone

Concen: 49.90 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW015093.D

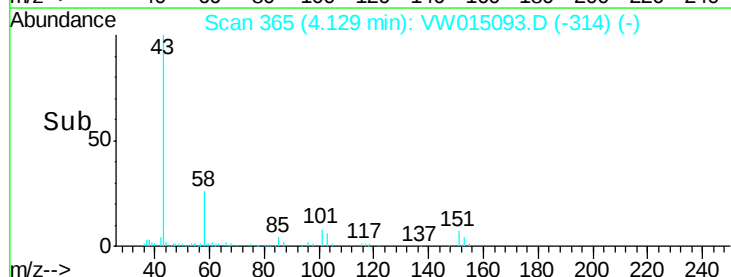
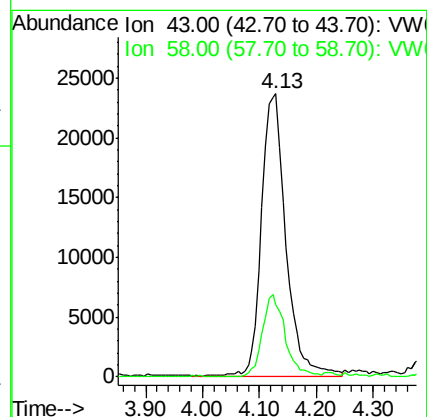
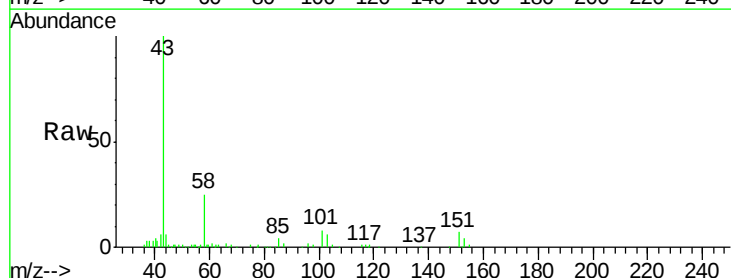
Acq: 09 Mar 2020 11:02

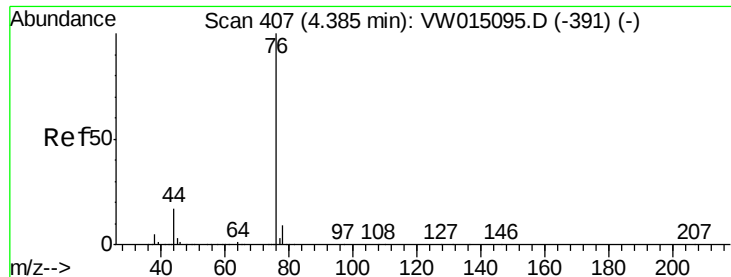
Tgt Ion: 43 Resp: 71536

Ion Ratio Lower Upper

43 100

58 24.9 22.9 34.3

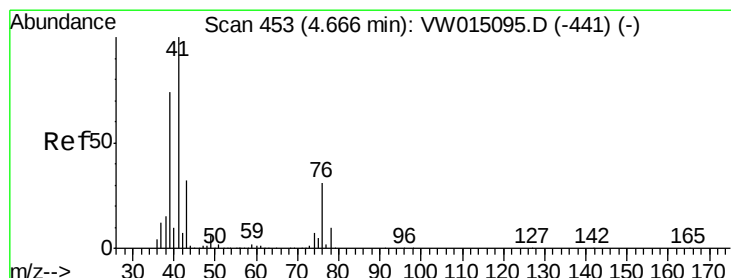
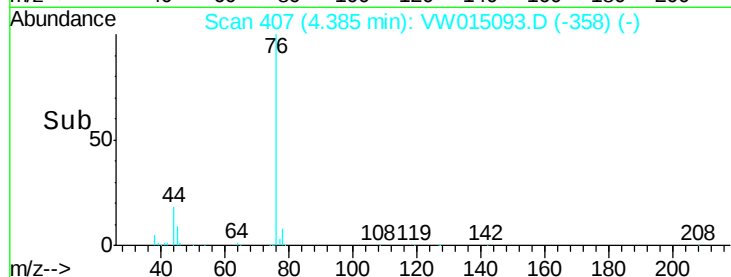
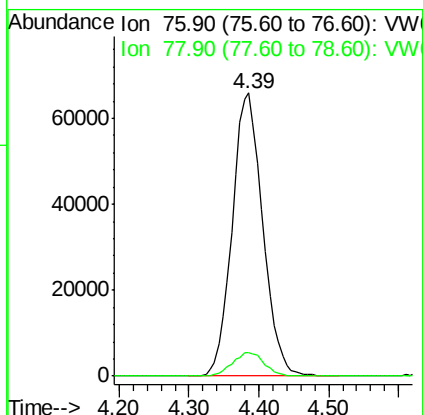
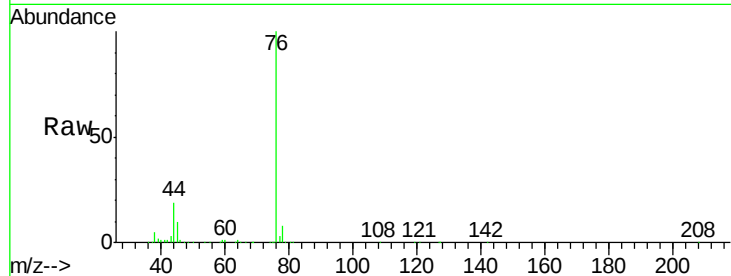




#17
Carbon Disulfide
Concen: 10.37 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

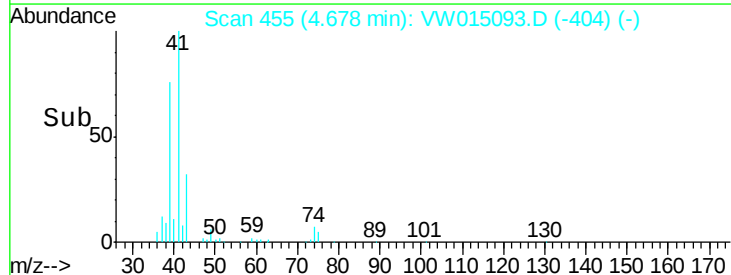
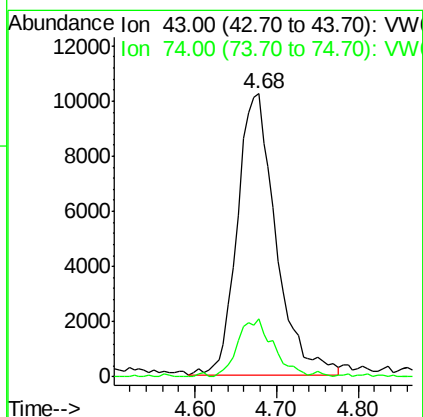
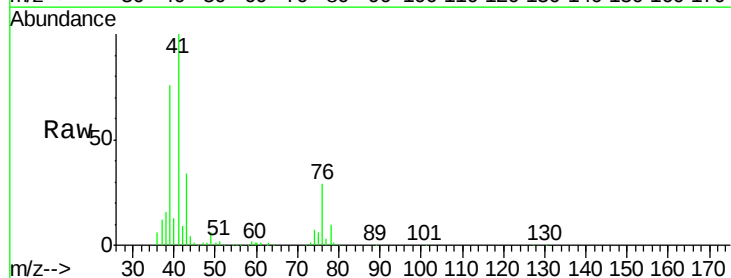
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

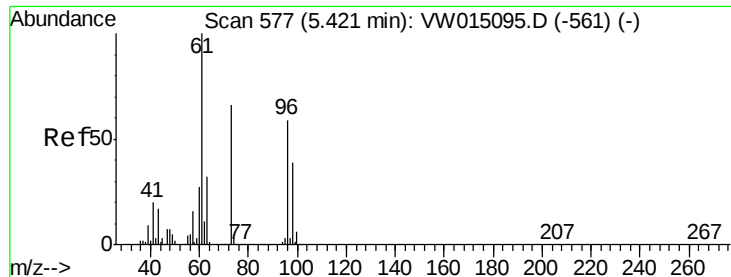
Tgt Ion: 76 Resp: 199738
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3



#18
Methyl Acetate
Concen: 9.82 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion: 43 Resp: 33377
Ion Ratio Lower Upper
43 100
74 19.2 15.8 23.6

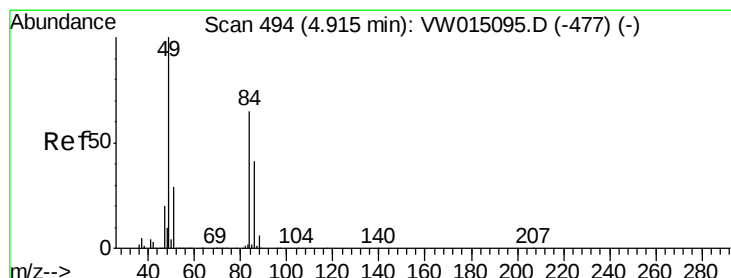
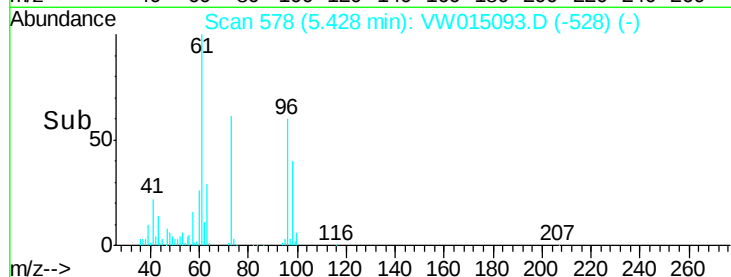
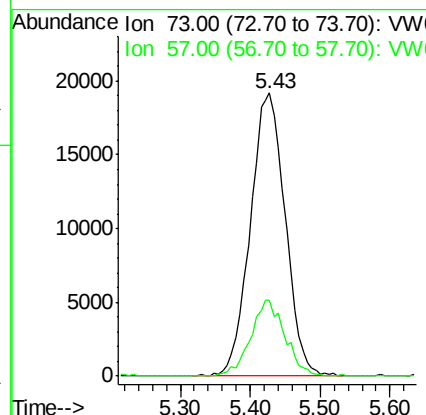
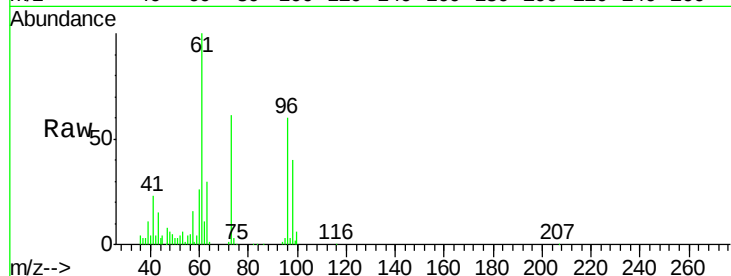




#19
Methyl tert-butyl Ether
Concen: 9.58 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

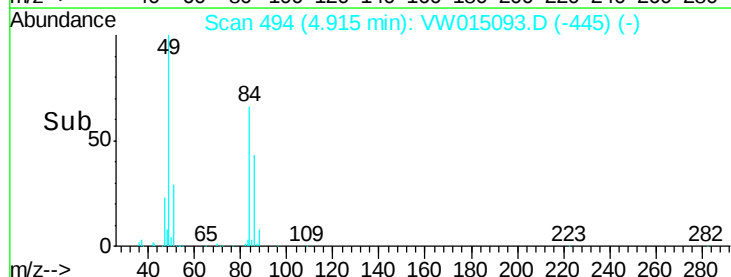
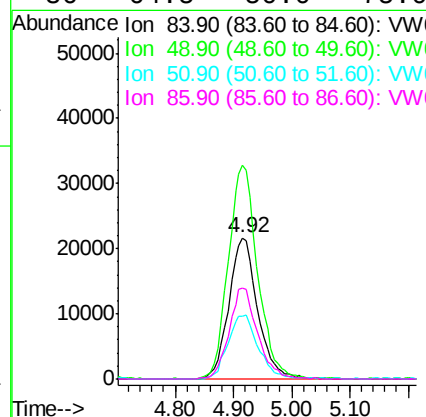
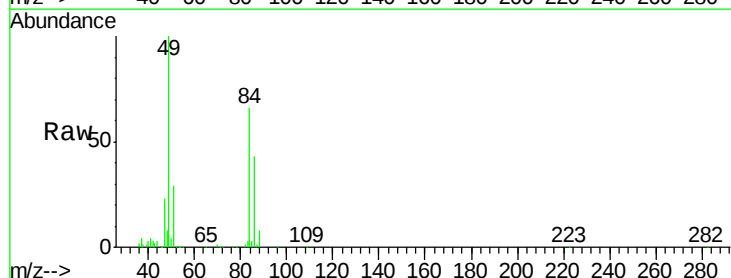
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

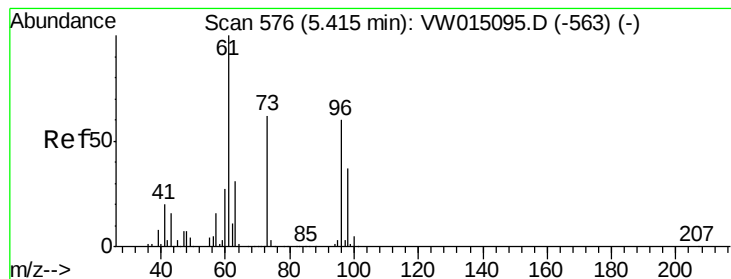
Tgt Ion: 73 Resp: 66600
Ion Ratio Lower Upper
73 100
57 26.8 19.3 28.9



#20
Methylene Chloride
Concen: 11.19 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion: 84 Resp: 74281
Ion Ratio Lower Upper
84 100
49 151.6 122.8 184.2
51 44.6 35.9 53.9
86 64.5 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 9.91 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

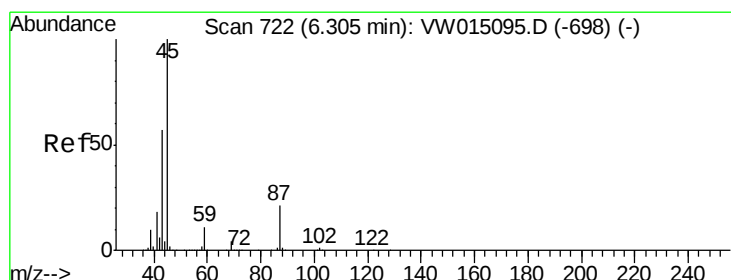
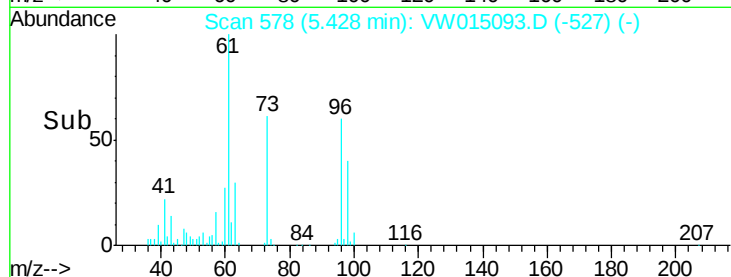
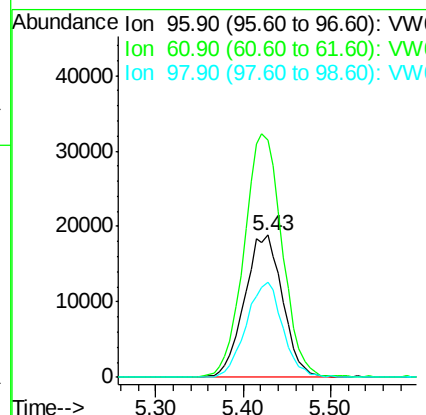
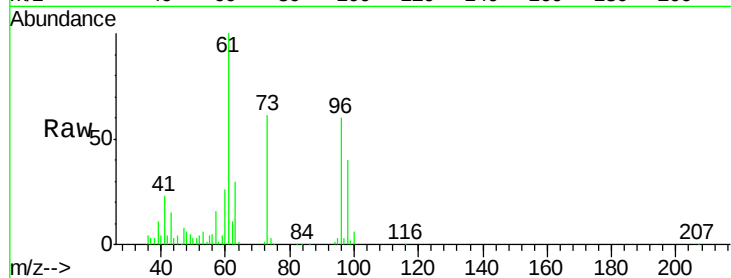
Tgt Ion: 96 Resp: 57134

Ion Ratio Lower Upper

96 100

61 167.0 132.5 198.7

98 66.9 48.9 73.3



#22

Diisopropyl ether

Concen: 9.69 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Tgt Ion: 45 Resp: 202479

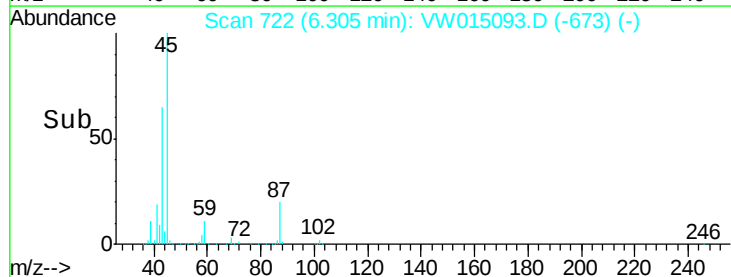
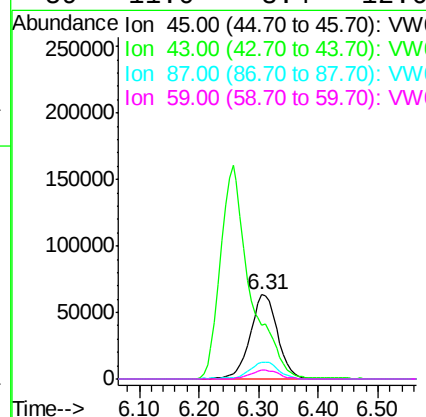
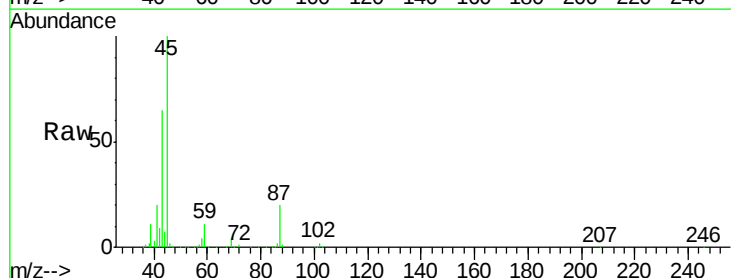
Ion Ratio Lower Upper

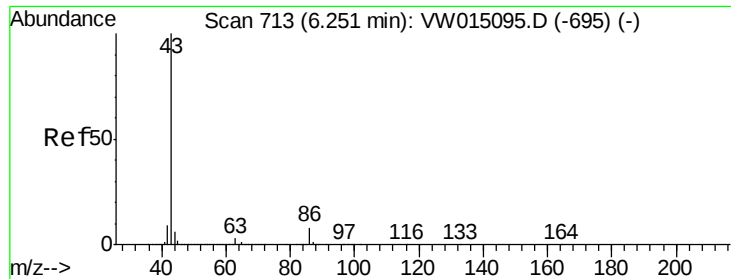
45 100

43 64.4 45.4 68.0

87 20.2 16.4 24.6

59 11.0 8.4 12.6





#23

Vinyl Acetate

Concen: 45.21 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

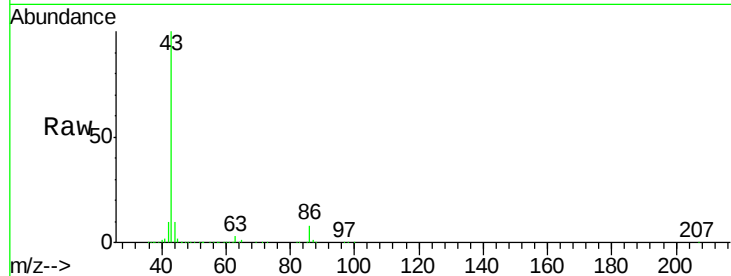
VSTDIC010

Tgt Ion: 43 Resp: 557517

Ion Ratio Lower Upper

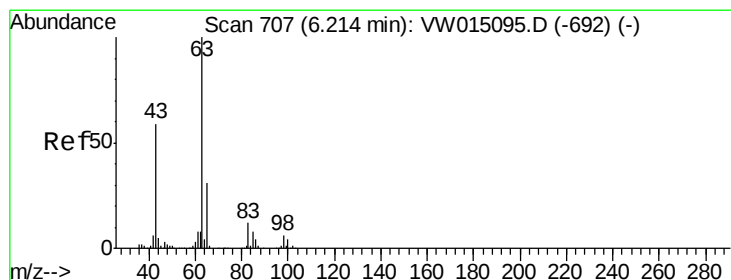
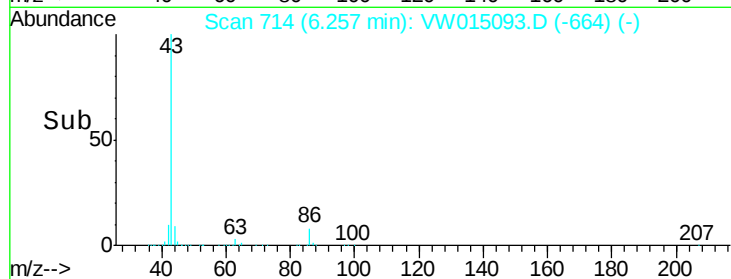
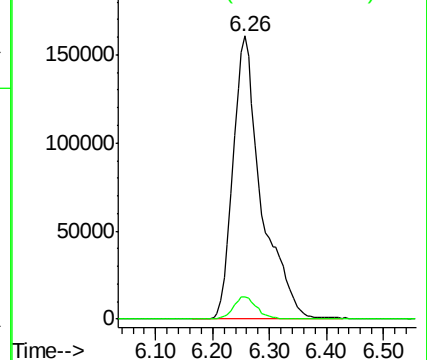
43 100

86 8.0 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 10.37 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

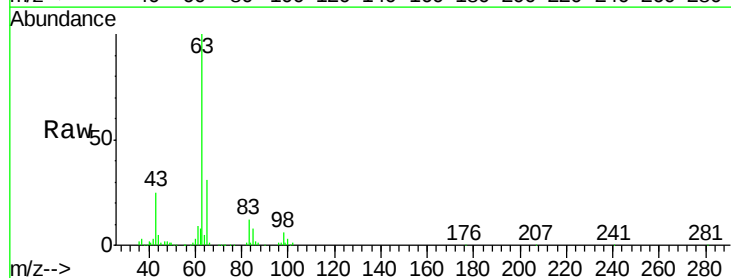
Tgt Ion: 63 Resp: 126276

Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

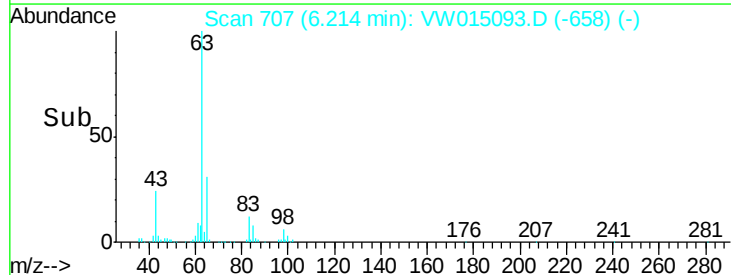
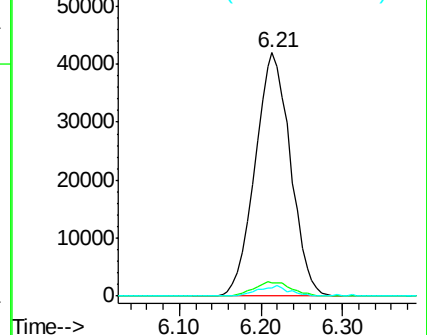
100 3.3 2.1 6.3

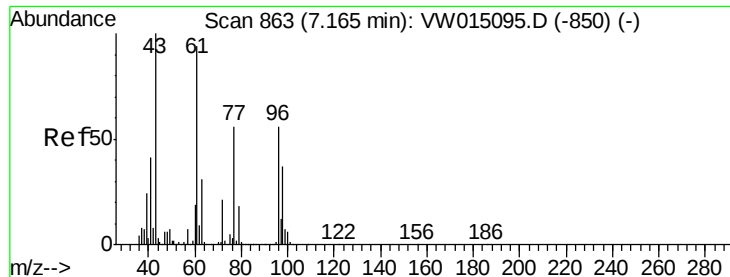


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 46.93 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

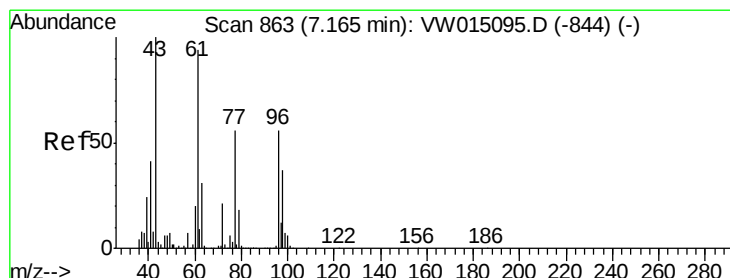
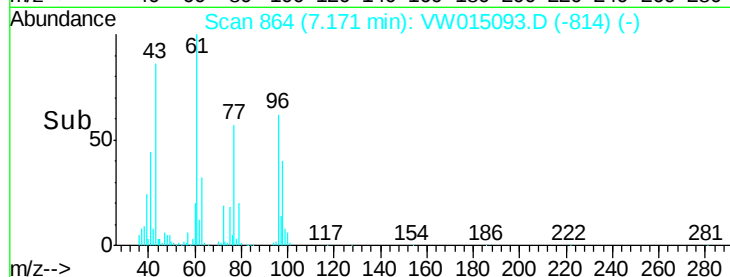
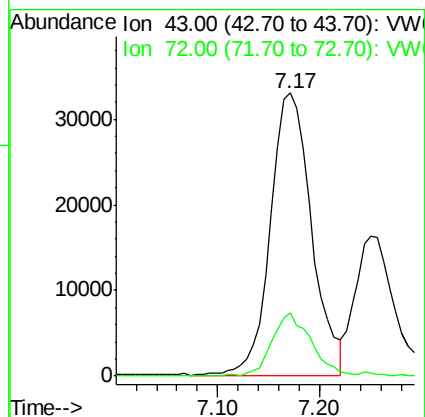
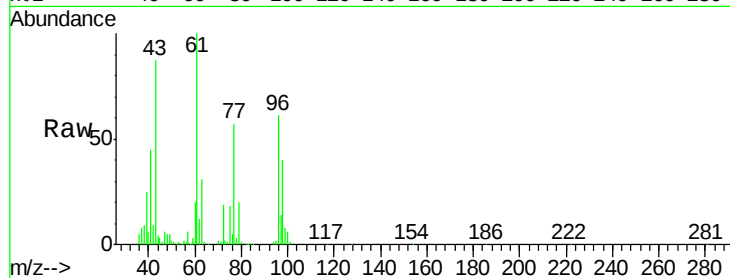
VSTDIC010

Tgt Ion: 43 Resp: 92241

Ion Ratio Lower Upper

43 100

72 22.3 17.0 25.6



#26

2,2-Dichloropropane

Concen: 10.74 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW015093.D

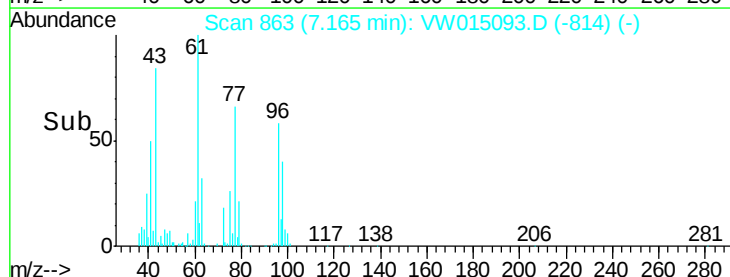
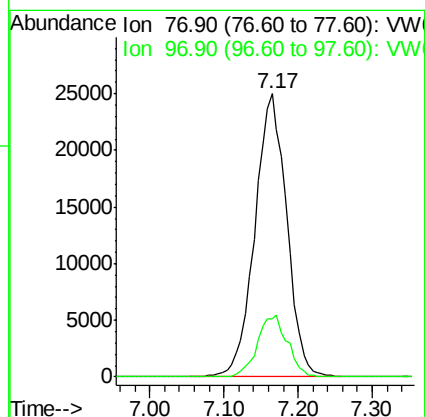
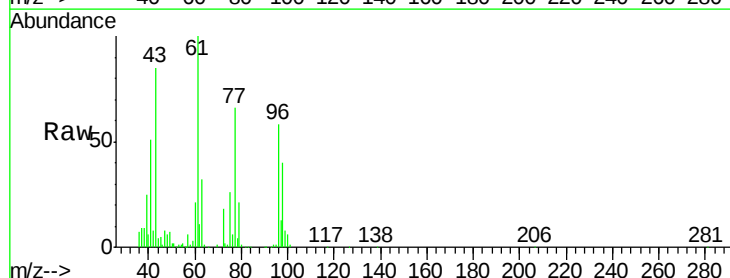
Acq: 09 Mar 2020 11:02

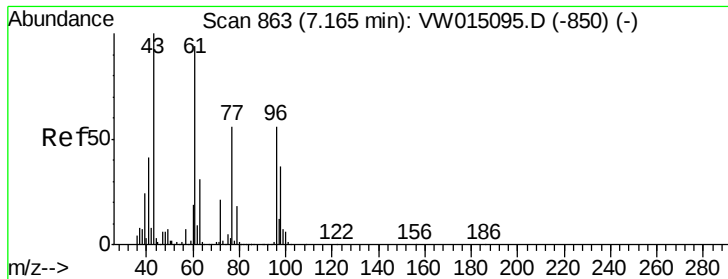
Tgt Ion: 77 Resp: 74789

Ion Ratio Lower Upper

77 100

97 20.7 10.6 31.8



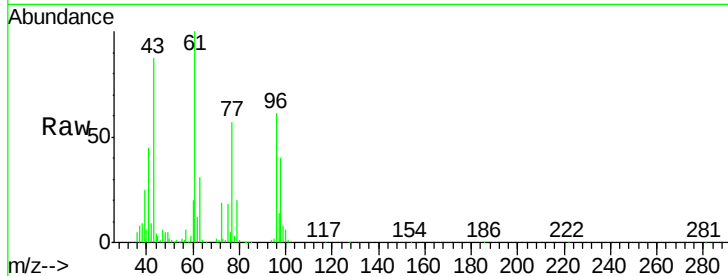


#27

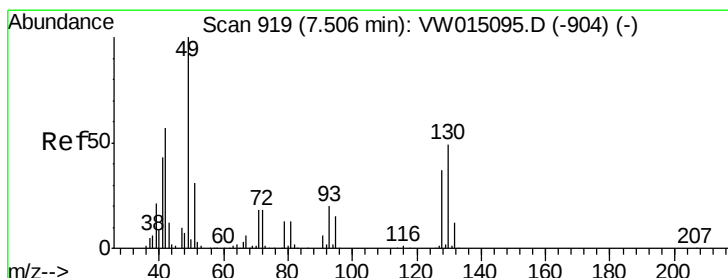
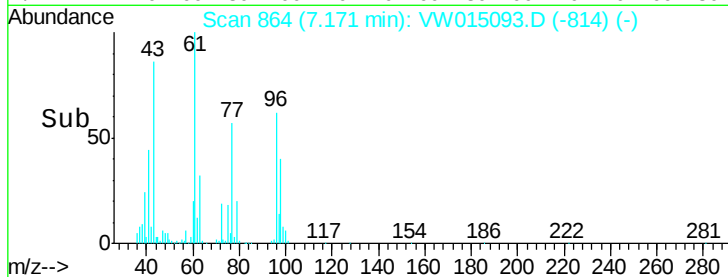
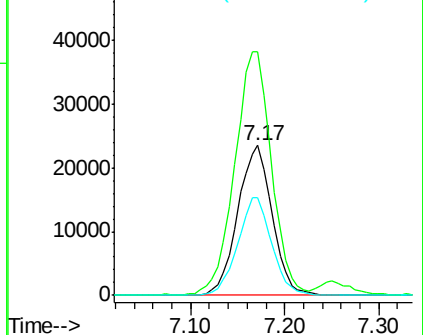
cis-1,2-Dichloroethene
Concen: 10.00 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tgt Ion: 96 Resp: 60025
Ion Ratio Lower Upper
96 100
61 173.4 0.0 343.4
98 64.0 0.0 127.6



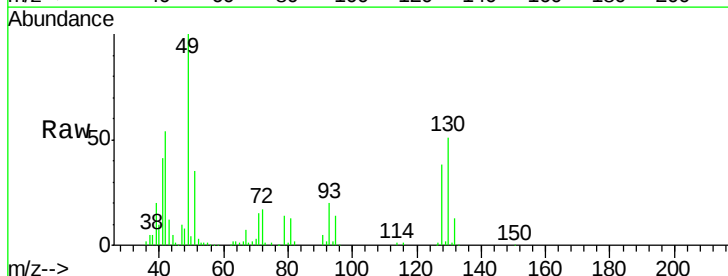
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



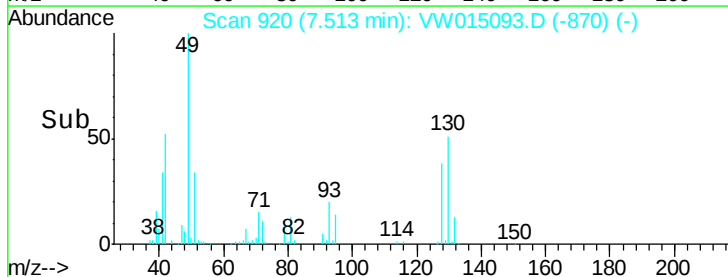
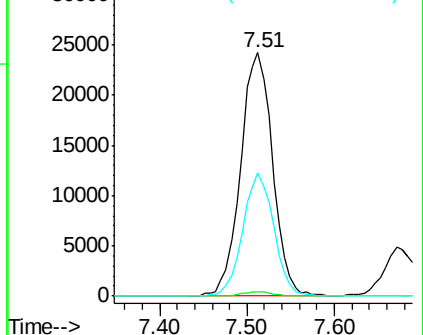
#28

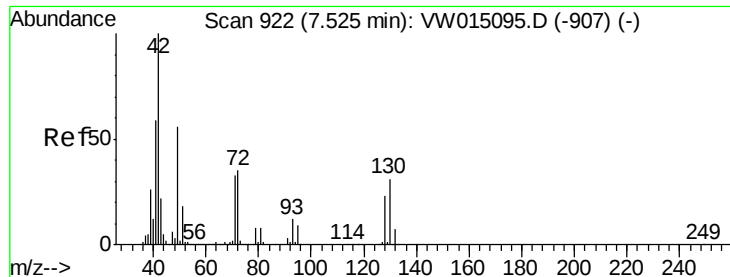
Bromochloromethane
Concen: 10.56 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion: 49 Resp: 61636
Ion Ratio Lower Upper
49 100
129 1.6 0.0 3.0
130 48.7 39.8 59.6



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

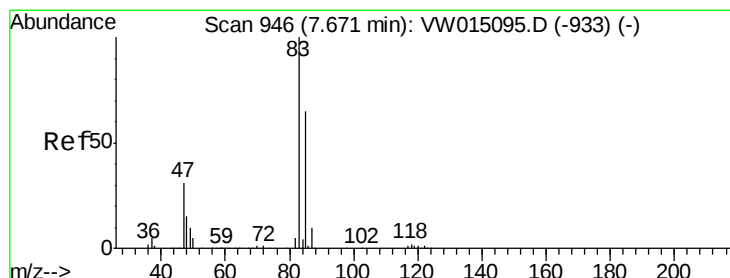
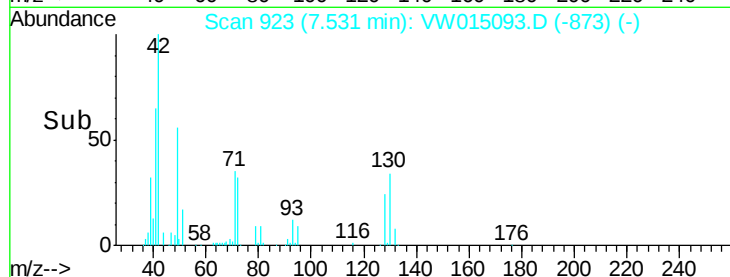
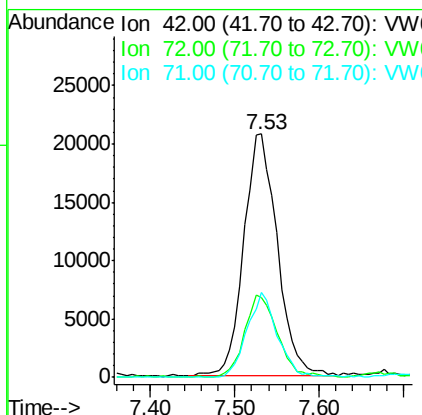
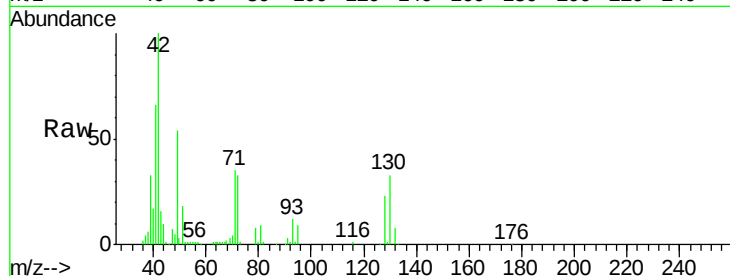




#29
Tetrahydrofuran
Concen: 45.26 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

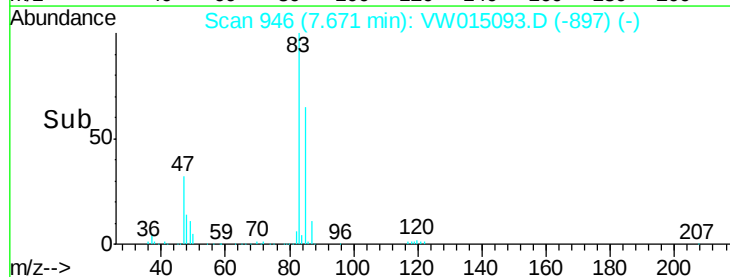
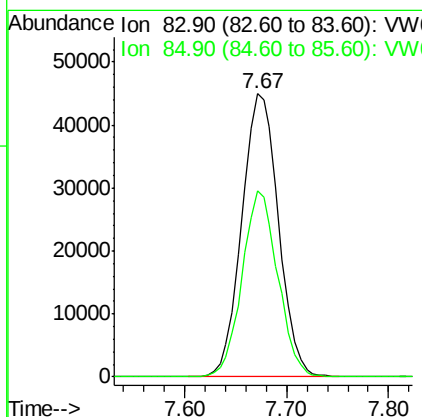
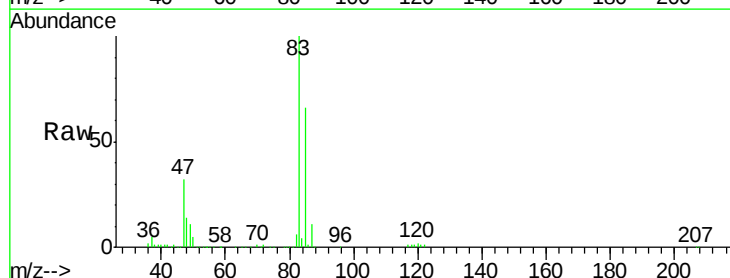
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

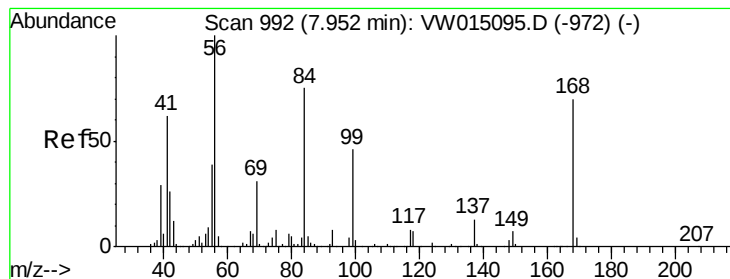
Tgt Ion: 42 Resp: 55635
Ion Ratio Lower Upper
42 100
72 33.5 27.8 41.6
71 31.6 26.4 39.6



#30
Chloroform
Concen: 10.42 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion: 83 Resp: 112620
Ion Ratio Lower Upper
83 100
85 65.6 51.9 77.9





#31

Cyclohexane

Concen: 10.20 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

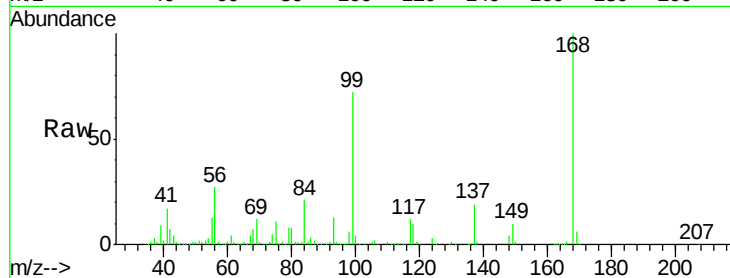
Tgt Ion: 56 Resp: 127753

Ion Ratio Lower Upper

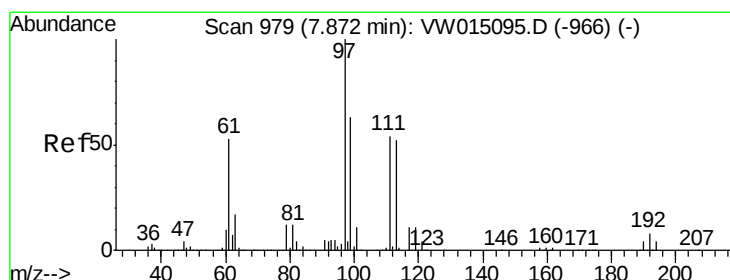
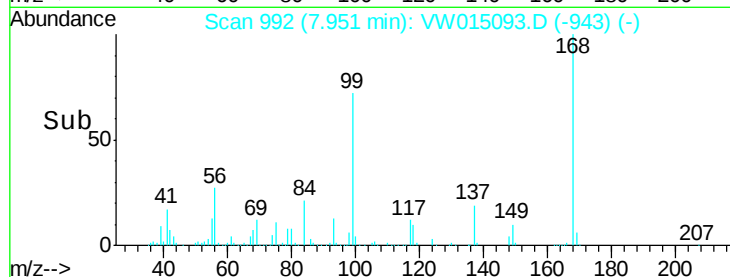
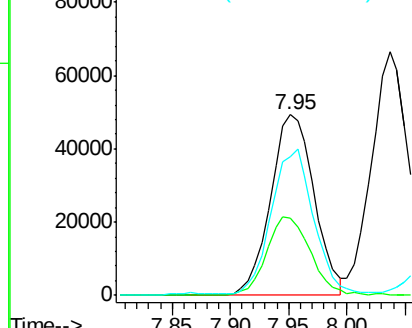
56 100

69 42.6 24.6 37.0#

84 75.2 59.9 89.9



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: 10.30 ug/l

RT: 7.87 min Scan# 978

Delta R.T. -0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

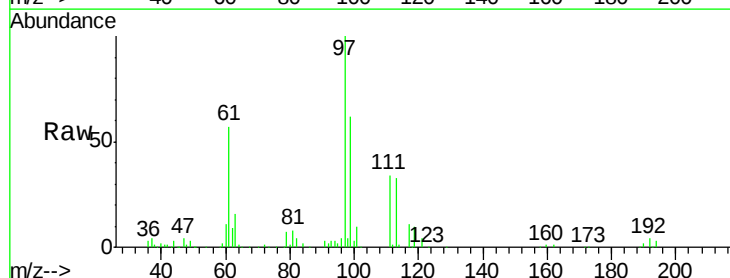
Tgt Ion: 97 Resp: 86907

Ion Ratio Lower Upper

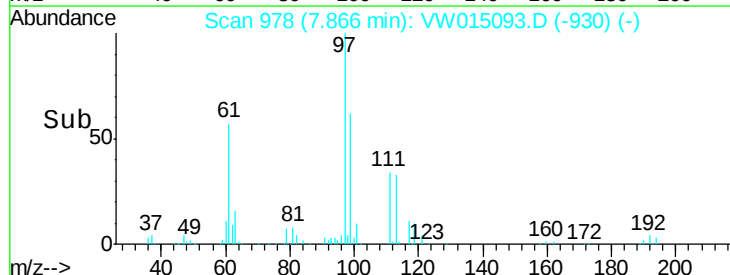
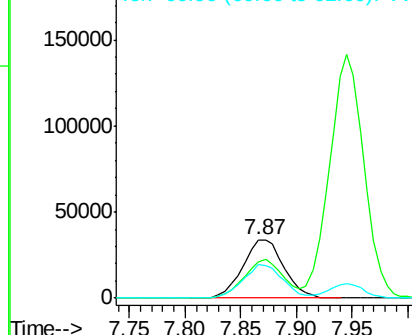
97 100

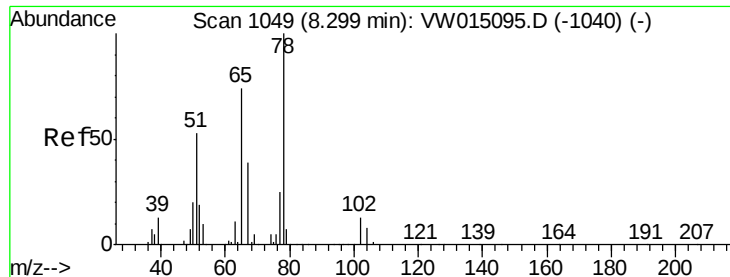
99 63.2 51.3 76.9

61 56.1 44.0 66.0



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

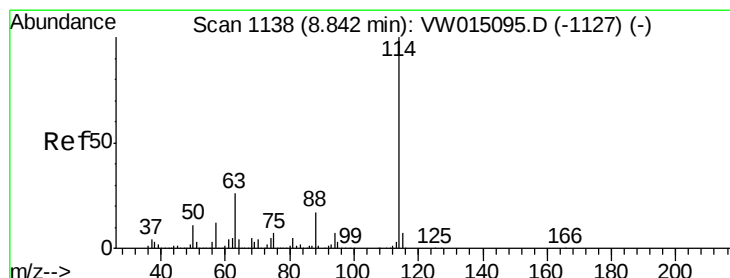
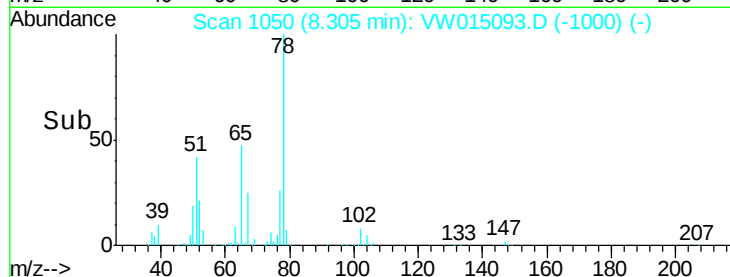
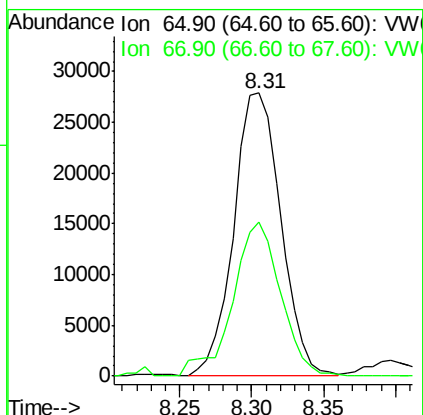
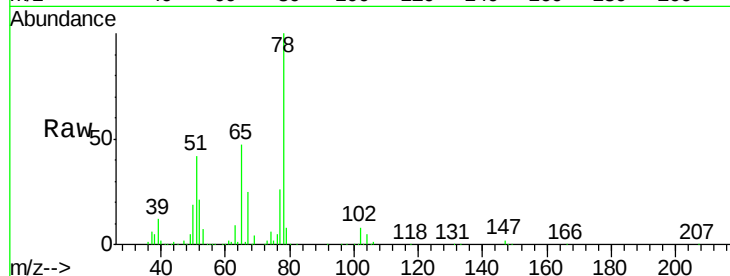




#33
 1,2-Dichloroethane-d4
 Concen: 10.11 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

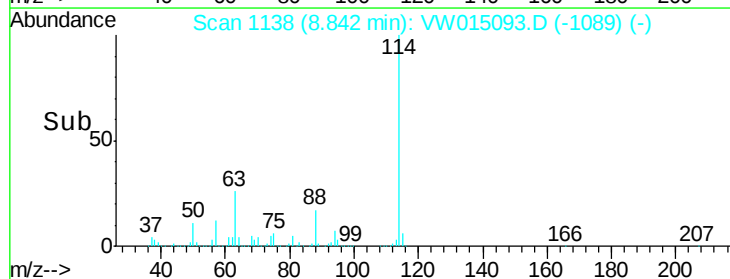
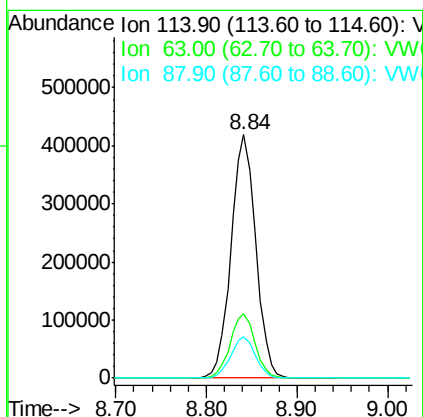
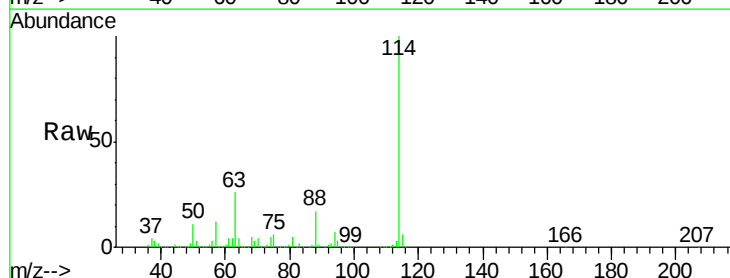
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

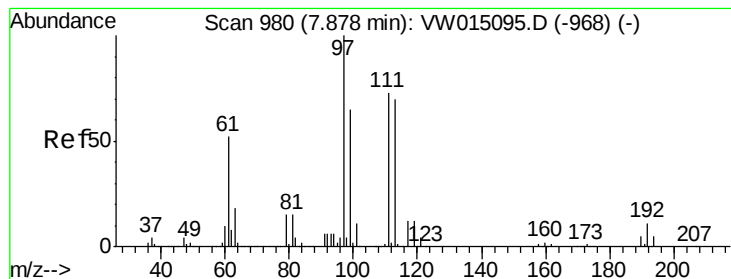
Tgt Ion: 65 Resp: 63578
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

Tgt Ion: 114 Resp: 798598
 Ion Ratio Lower Upper
 114 100
 63 26.5 0.0 52.0
 88 16.8 0.0 34.2





#35

Dibromofluoromethane

Concen: 9.80 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

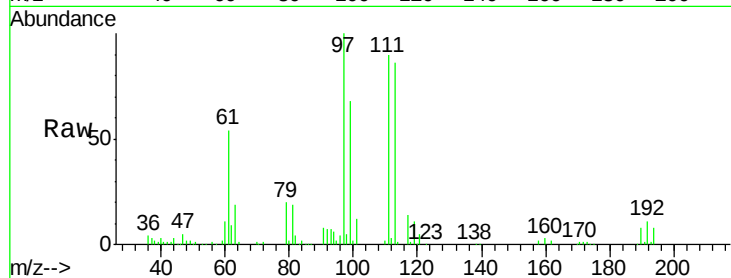
Tgt Ion:113 Resp: 46833

Ion Ratio Lower Upper

113 100

111 104.4 83.6 125.4

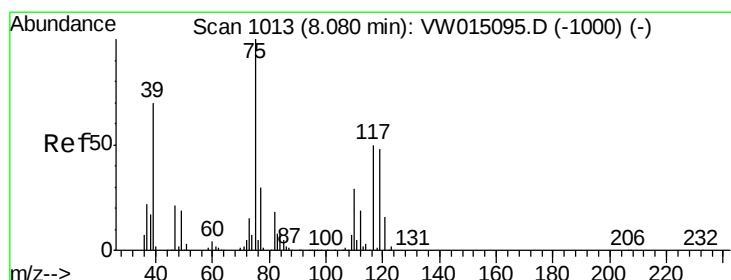
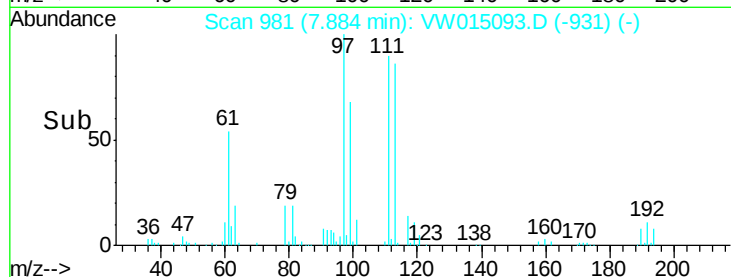
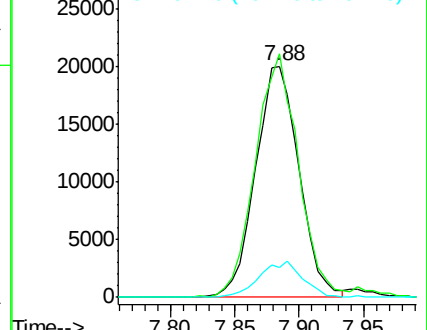
192 15.2 12.4 18.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 9.91 ug/l

RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

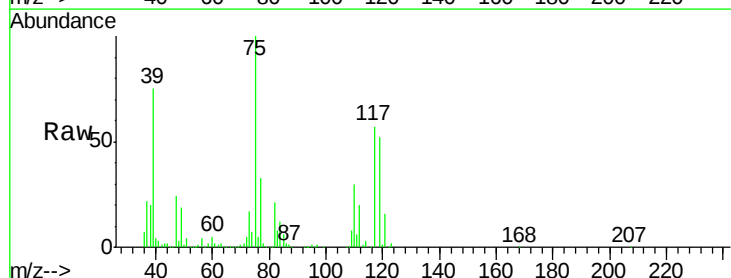
Tgt Ion: 75 Resp: 91749

Ion Ratio Lower Upper

75 100

110 30.1 14.7 44.1

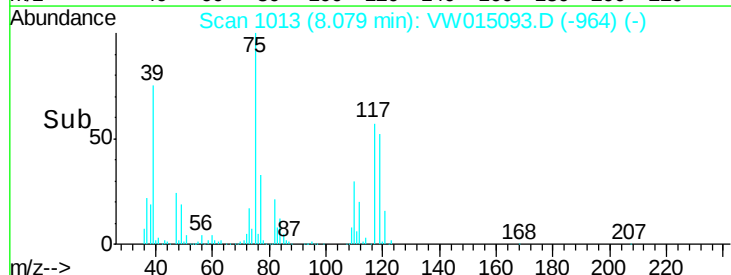
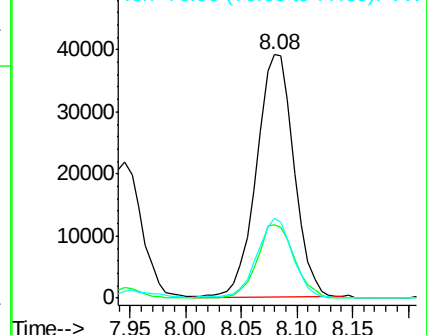
77 31.6 24.2 36.4

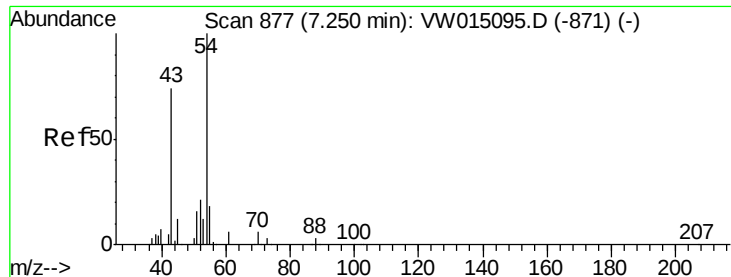


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

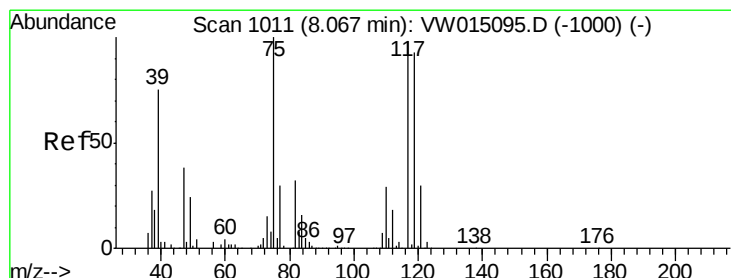
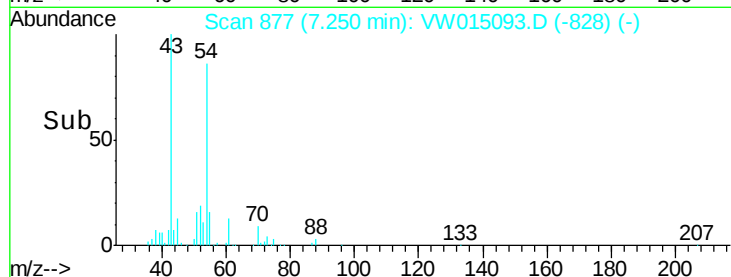
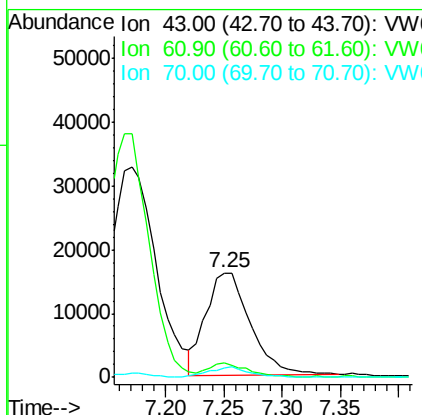
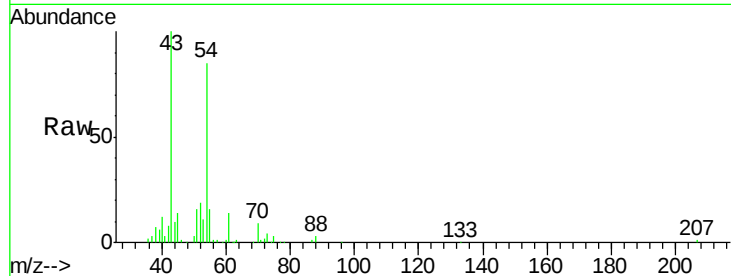




#37
Ethyl Acetate
Concen: 9.27 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

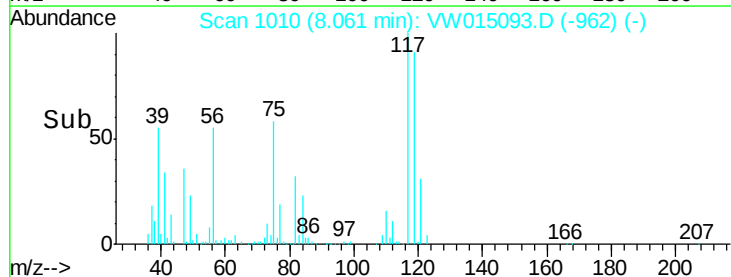
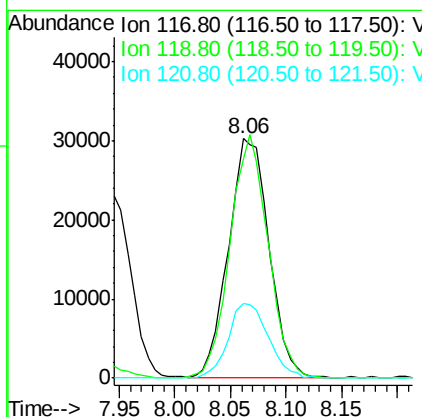
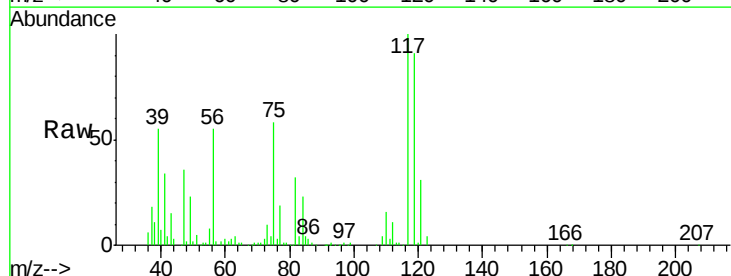
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

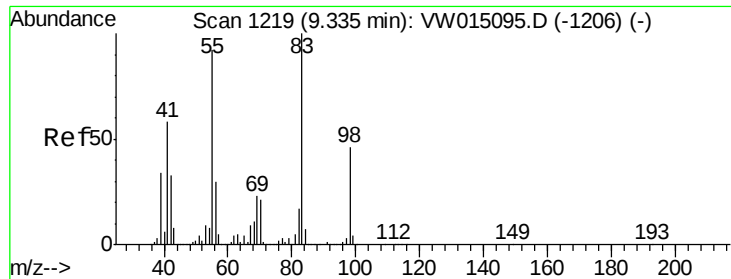
Tgt Ion: 43 Resp: 42804
Ion Ratio Lower Upper
43 100
61 11.6 9.6 14.4
70 9.4 6.5 9.7



#38
Carbon Tetrachloride
Concen: 10.10 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion: 117 Resp: 76153
Ion Ratio Lower Upper
117 100
119 91.7 75.8 113.8
121 31.3 24.5 36.7

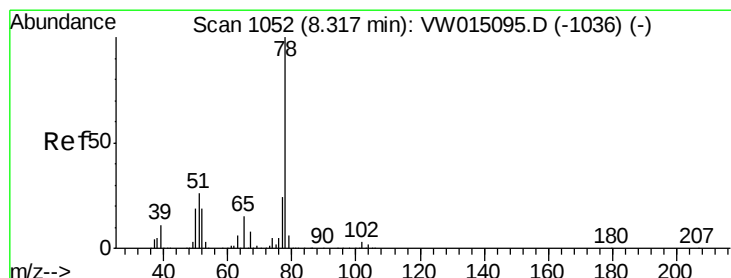
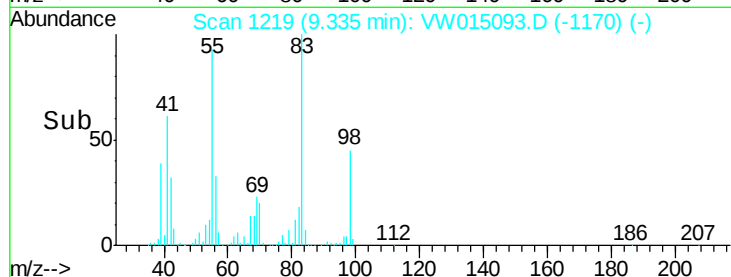
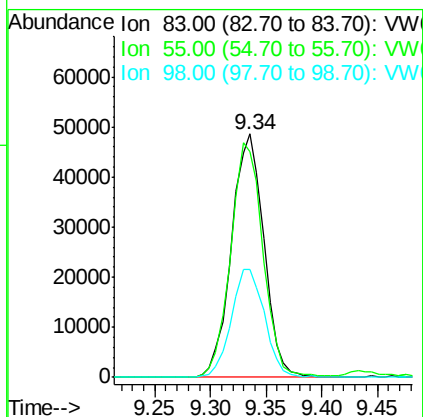
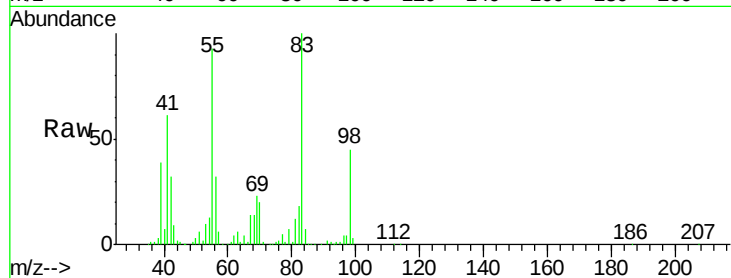




#39
Methylcyclohexane
Concen: 9.24 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

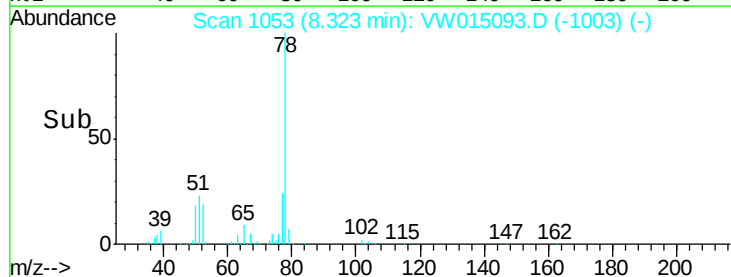
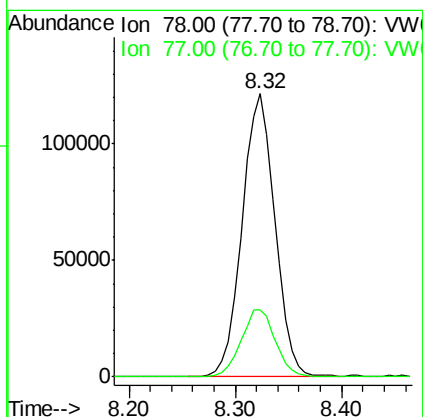
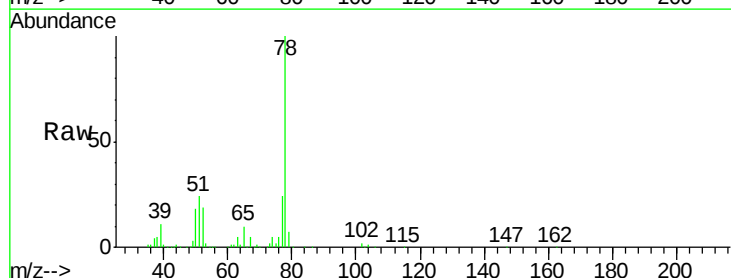
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

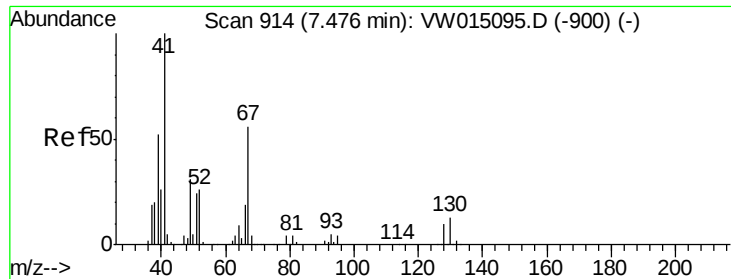
Tgt Ion: 83 Resp: 97866
Ion Ratio Lower Upper
83 100
55 92.4 73.5 110.3
98 44.5 37.2 55.8



#40
Benzene
Concen: 10.20 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion: 78 Resp: 262628
Ion Ratio Lower Upper
78 100
77 23.6 19.5 29.3

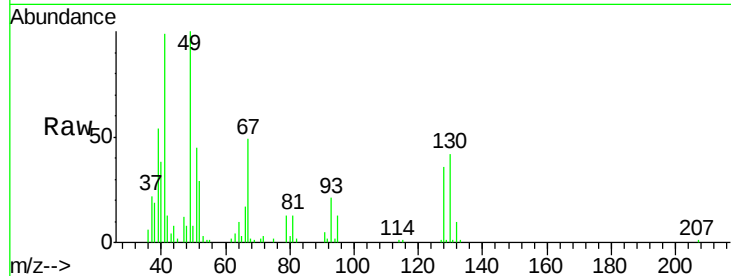




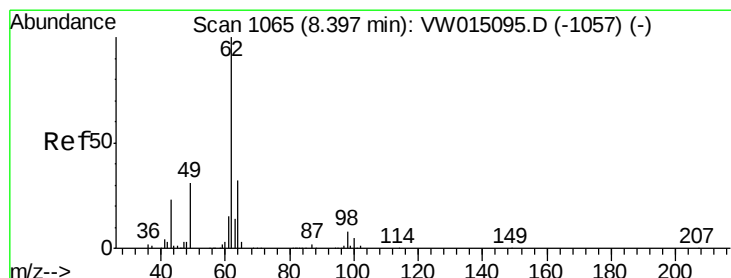
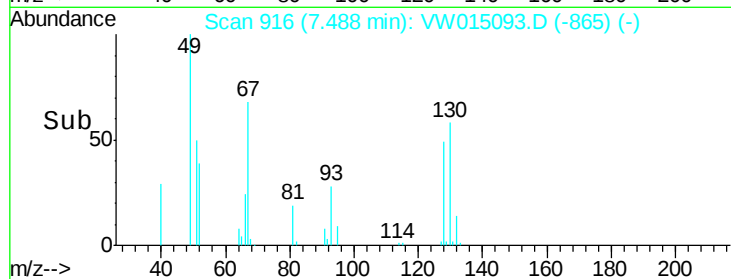
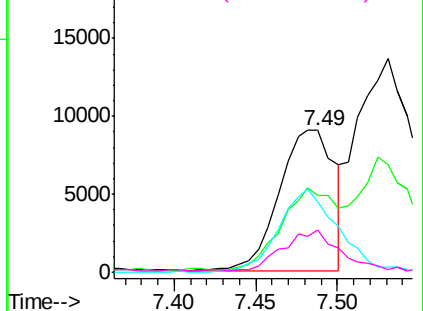
#41
Methacrylonitrile
Concen: 8.69 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:	41	Resp:	21205
Ion	Ratio	Lower	Upper
41	100		
39	56.9	49.0	73.4
67	63.4	50.4	75.6
52	30.3	24.2	36.4

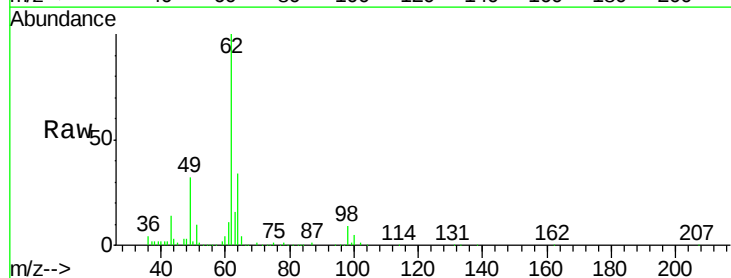


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

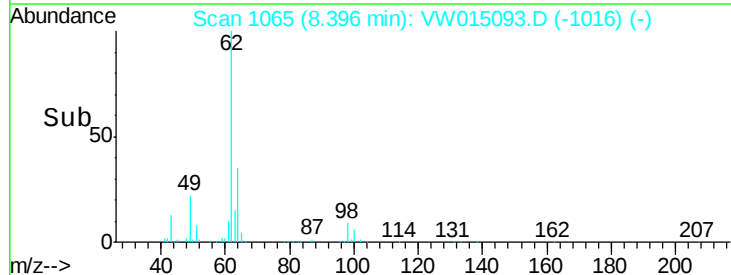
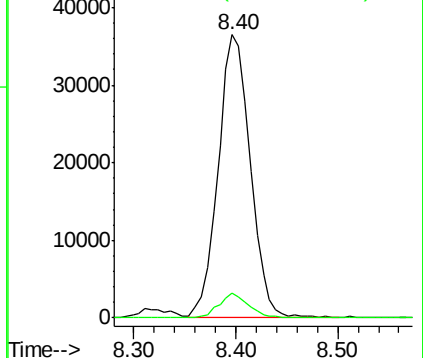


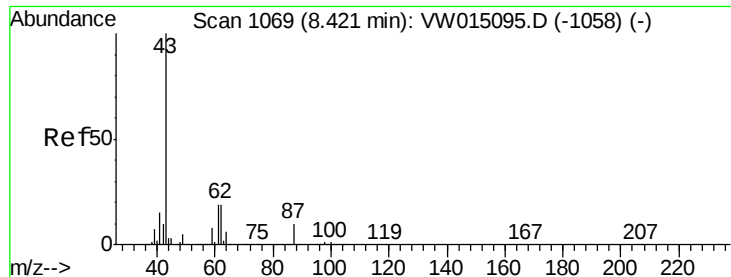
#42
1,2-Dichloroethane
Concen: 10.12 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion:	62	Resp:	79374
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.0



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 9.30 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

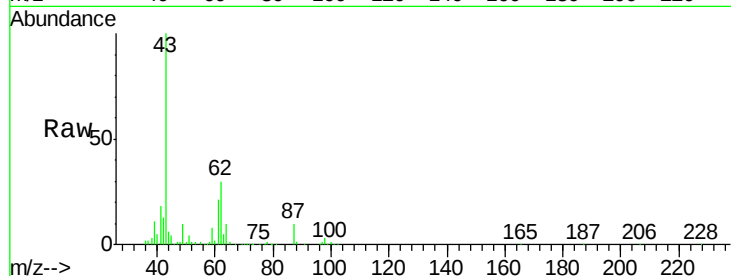
Tgt Ion: 43 Resp: 76992

Ion Ratio Lower Upper

43 100

61 27.8 21.8 32.8

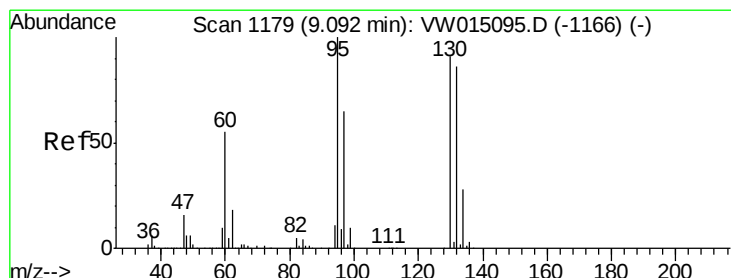
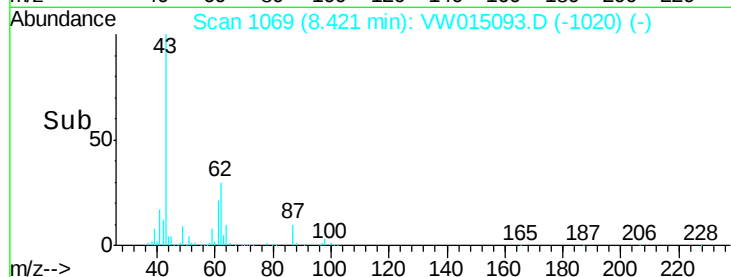
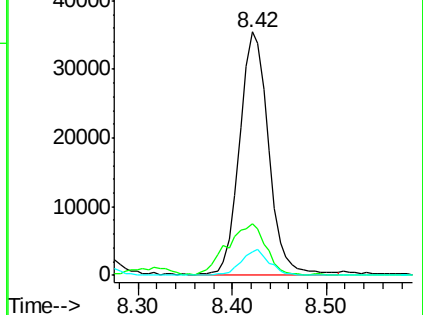
87 10.2 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 10.10 ug/l

RT: 9.09 min Scan# 1178

Delta R.T. -0.01 min

Lab File: VW015093.D

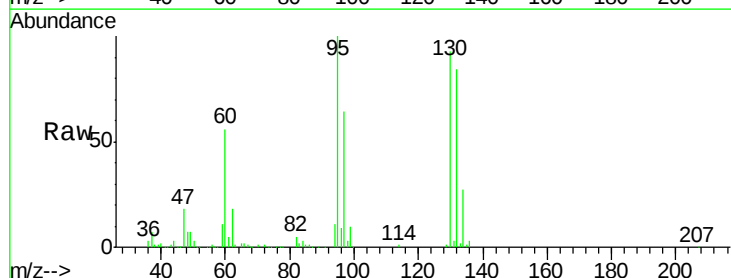
Acq: 09 Mar 2020 11:02

Tgt Ion: 130 Resp: 55334

Ion Ratio Lower Upper

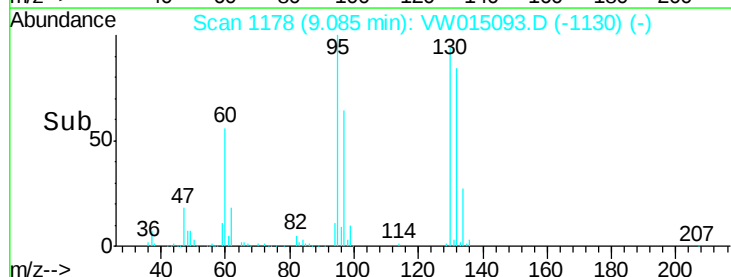
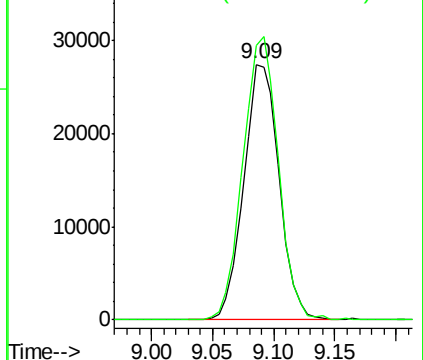
130 100

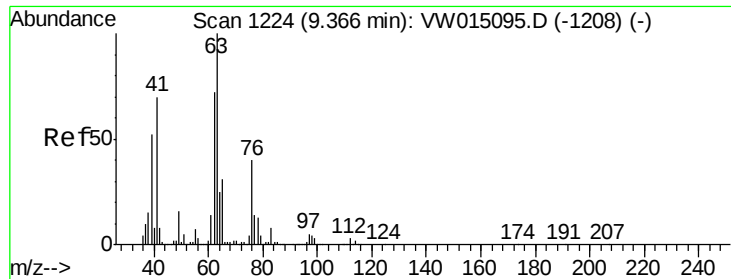
95 107.2 0.0 219.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VW

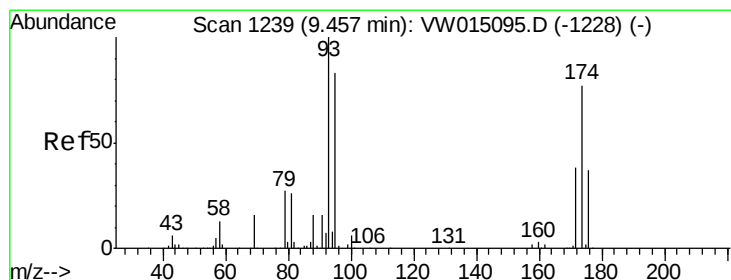
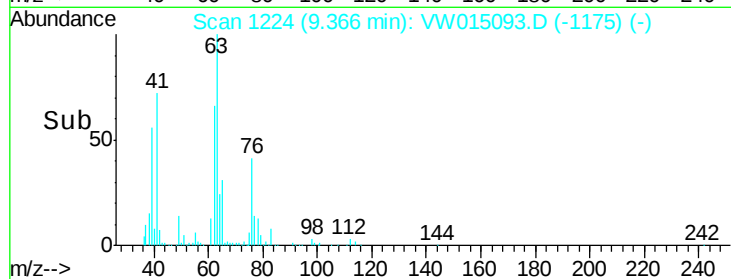
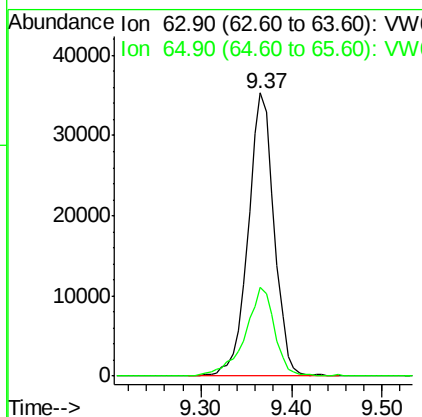
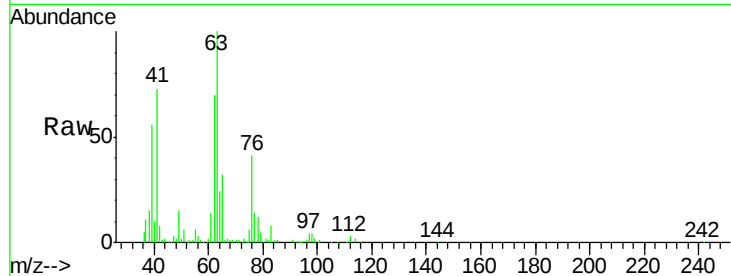




#45
 1,2-Dichloropropane
 Concen: 10.08 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

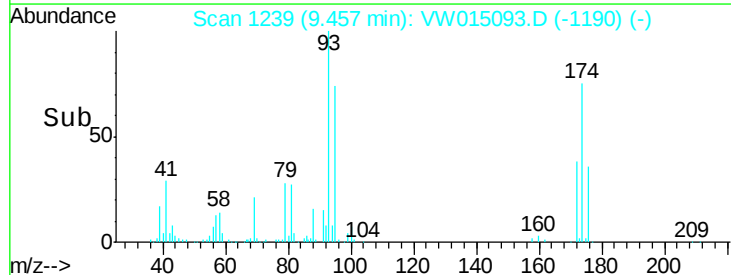
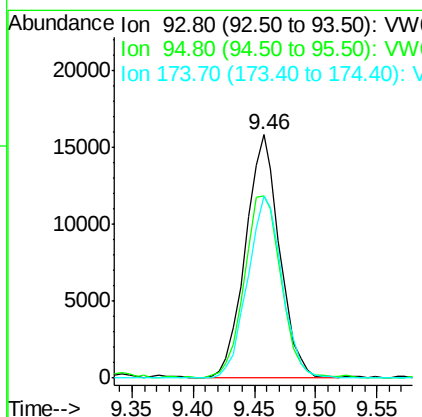
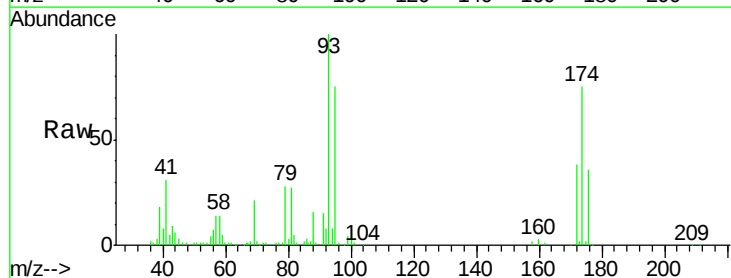
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

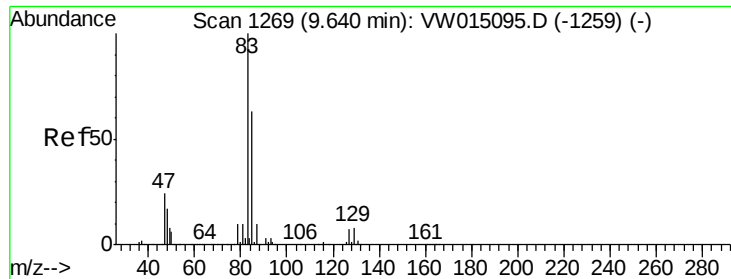
Tgt Ion: 63 Resp: 69873
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.6 36.8



#46
 Dibromomethane
 Concen: 10.17 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

Tgt Ion: 93 Resp: 30659
 Ion Ratio Lower Upper
 93 100
 95 81.0 66.6 100.0
 174 75.3 60.6 91.0

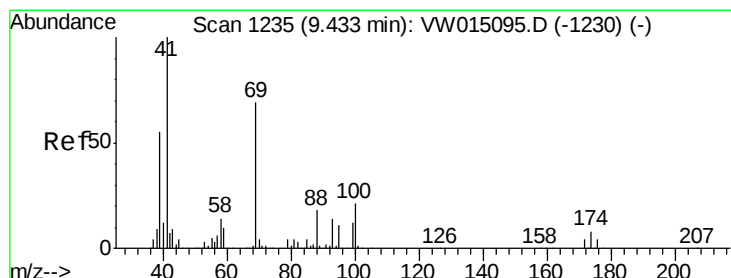
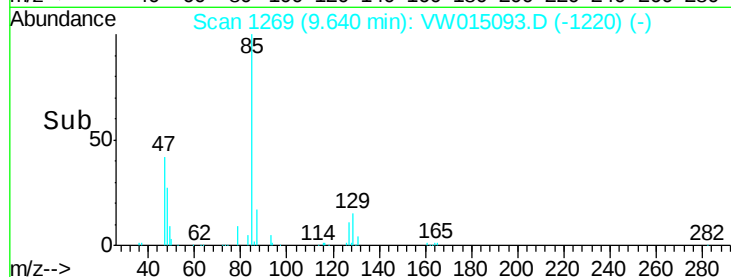
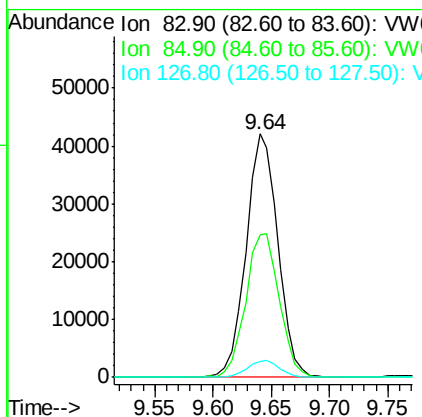
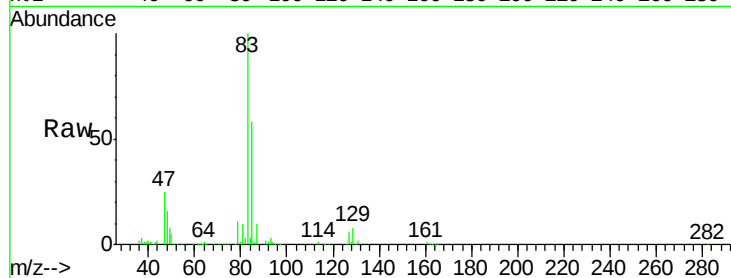




#47
Bromodichloromethane
Concen: 9.95 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

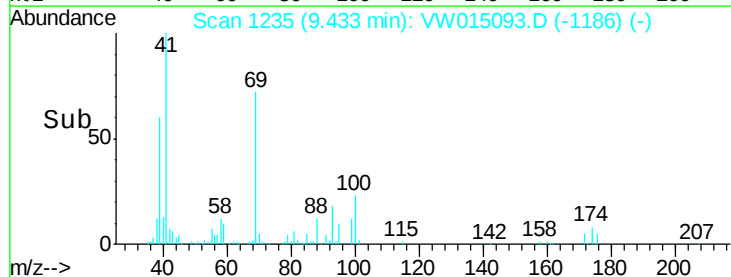
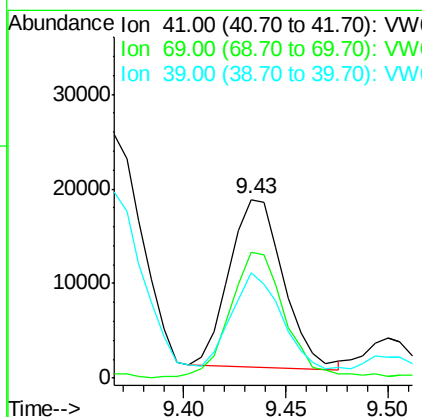
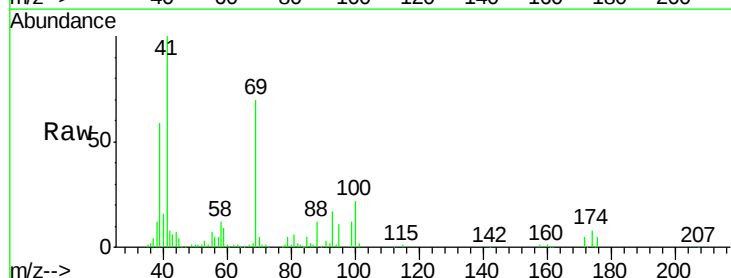
Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

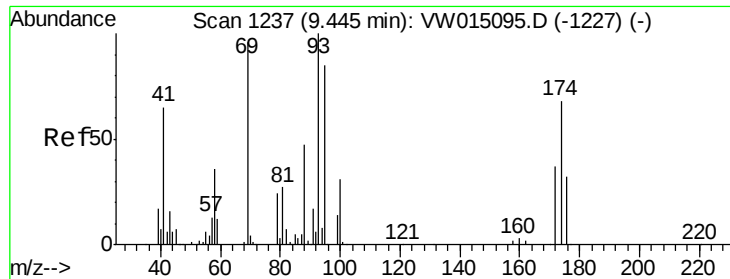
Tgt Ion: 83 Resp: 80096
Ion Ratio Lower Upper
83 100
85 58.4 50.7 76.1
127 6.2 5.5 8.3



#48
Methyl methacrylate
Concen: 8.61 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion: 41 Resp: 32898
Ion Ratio Lower Upper
41 100
69 76.1 58.7 88.1
39 54.2 45.1 67.7





#49

1,4-Dioxane

Concen: 176.17 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

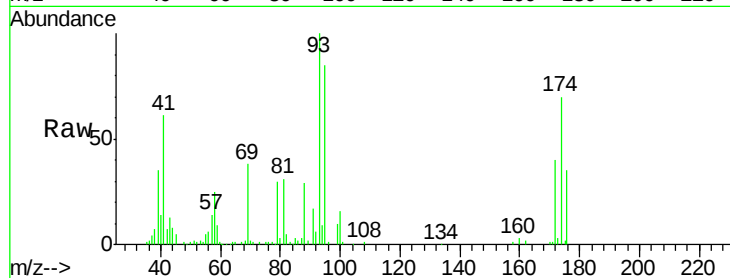
Tgt Ion: 88 Resp: 8129

Ion Ratio Lower Upper

88 100

43 41.2 35.8 53.8

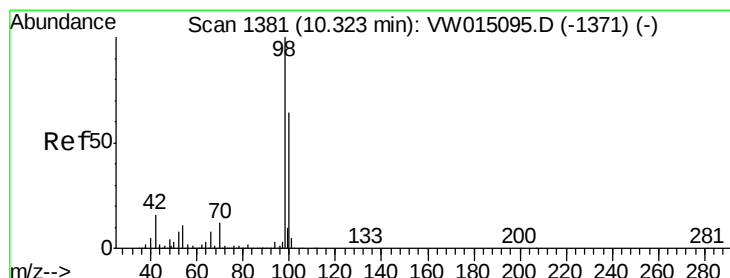
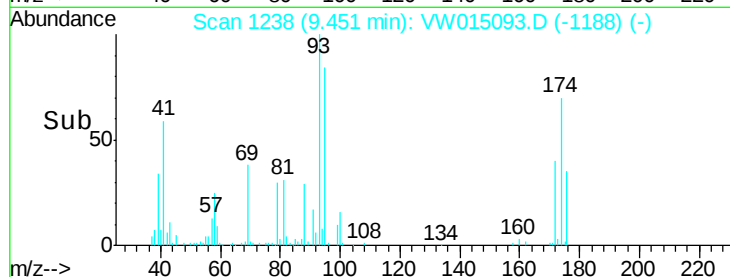
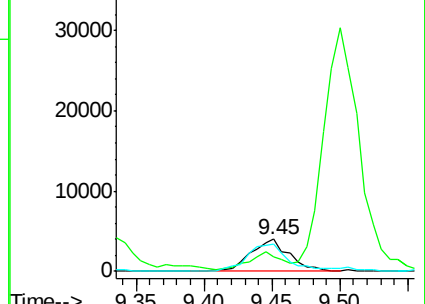
58 88.6 64.0 96.0



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: 9.62 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW015093.D

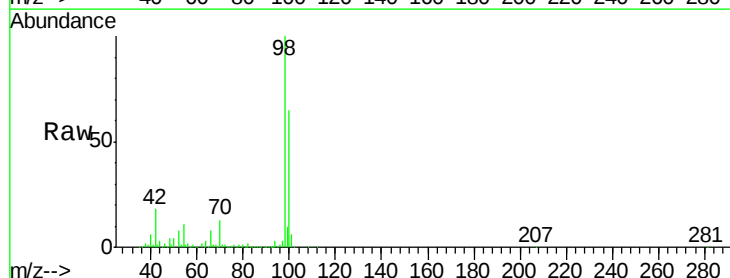
Acq: 09 Mar 2020 11:02

Tgt Ion: 98 Resp: 192630

Ion Ratio Lower Upper

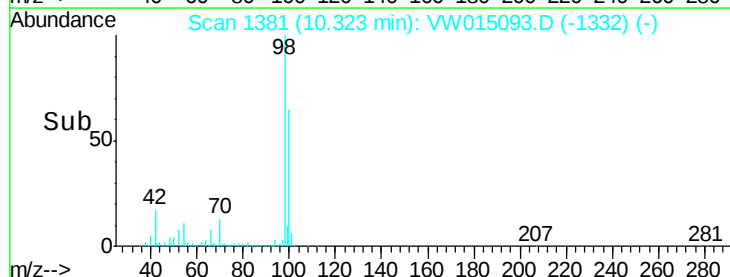
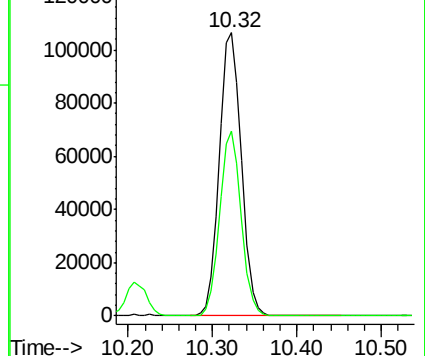
98 100

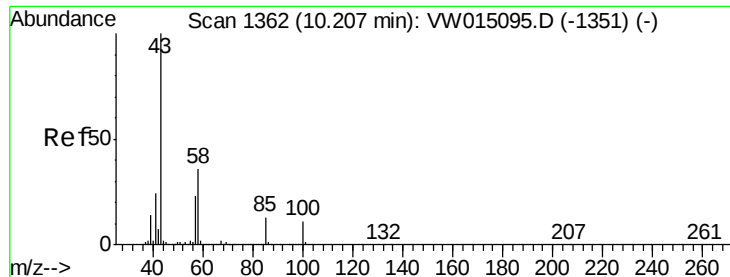
100 63.1 52.2 78.2



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: 46.45 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

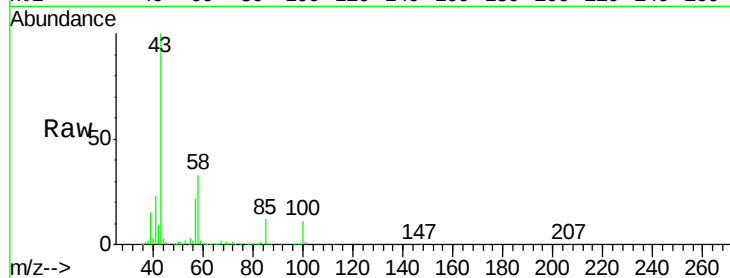
VSTDIC010

Tgt Ion: 43 Resp: 212328

Ion Ratio Lower Upper

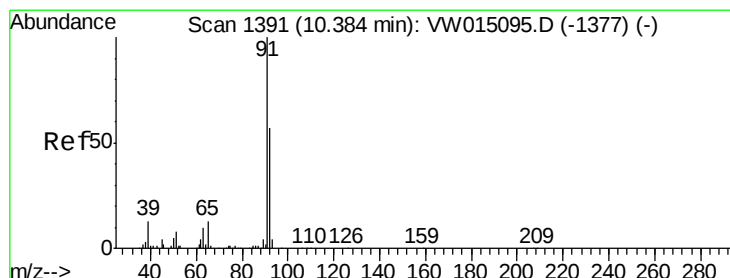
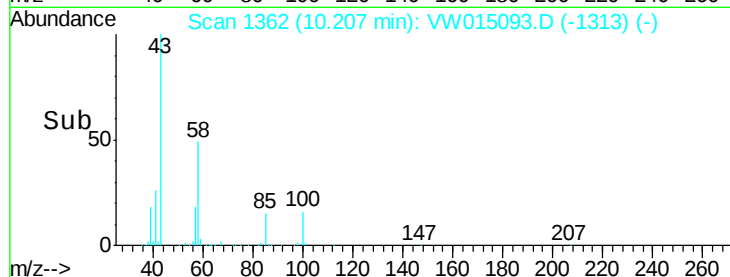
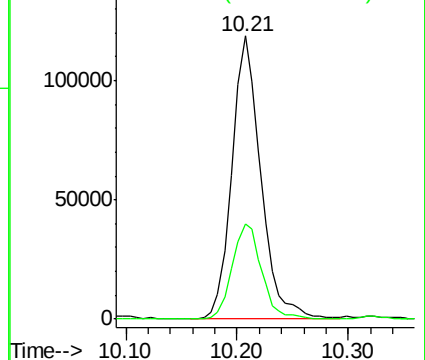
43 100

58 34.4 28.0 42.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 9.82 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015093.D

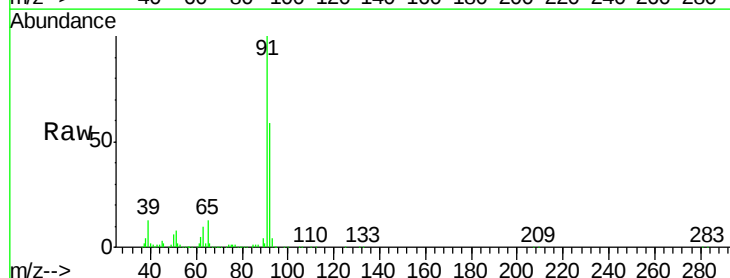
Acq: 09 Mar 2020 11:02

Tgt Ion: 92 Resp: 145256

Ion Ratio Lower Upper

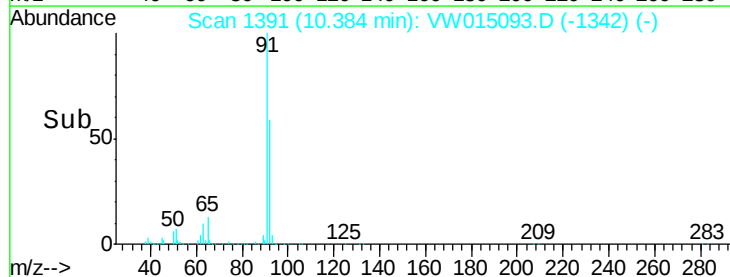
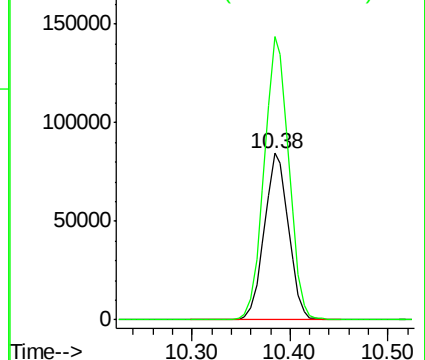
92 100

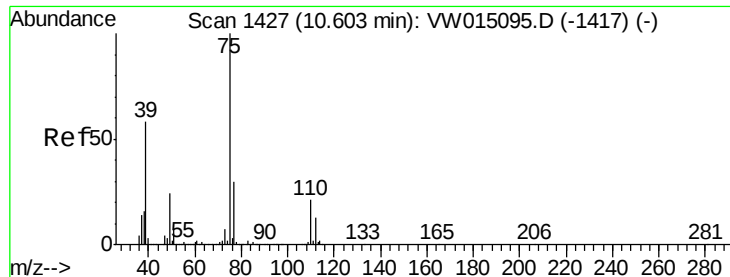
91 172.0 138.9 208.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 9.40 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

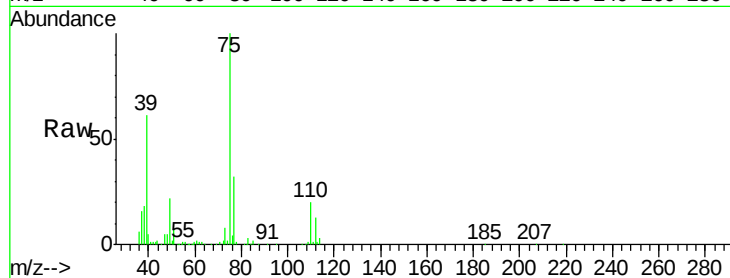
VSTDIC010

Tgt Ion: 75 Resp: 74402

Ion Ratio Lower Upper

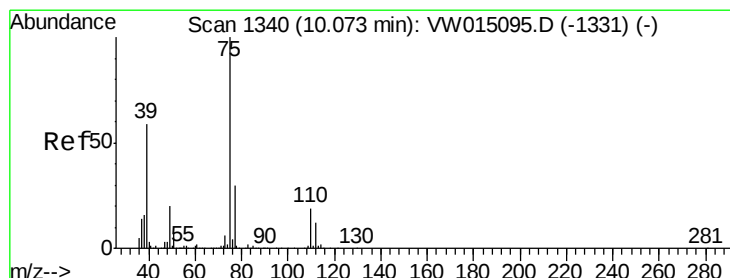
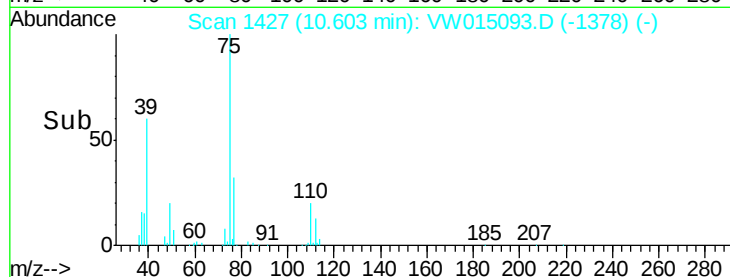
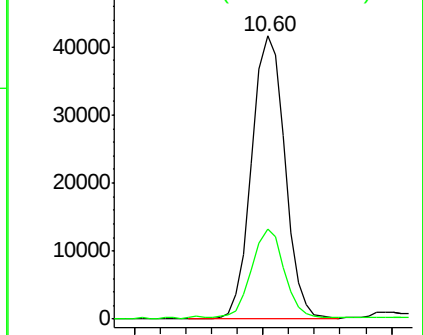
75 100

77 31.6 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 9.51 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

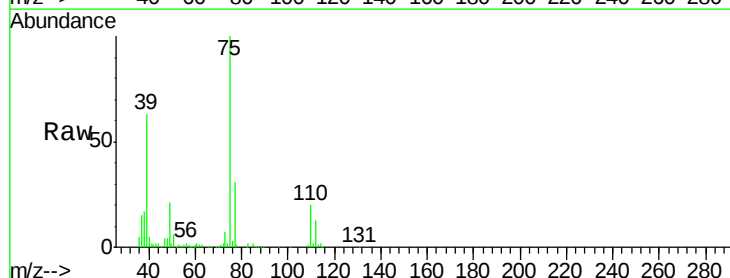
Tgt Ion: 75 Resp: 91699

Ion Ratio Lower Upper

75 100

77 31.4 24.3 36.5

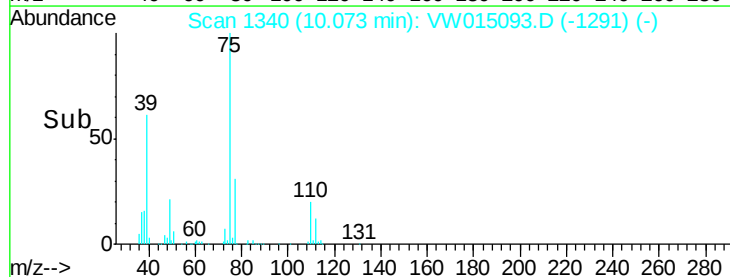
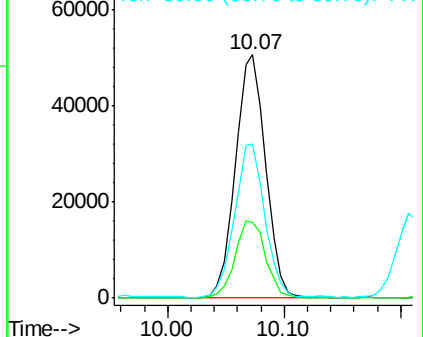
39 62.8 47.0 70.6

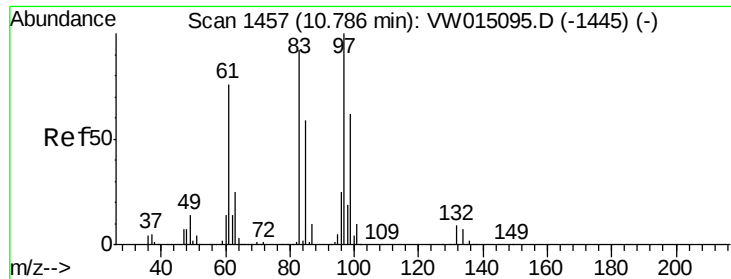


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW

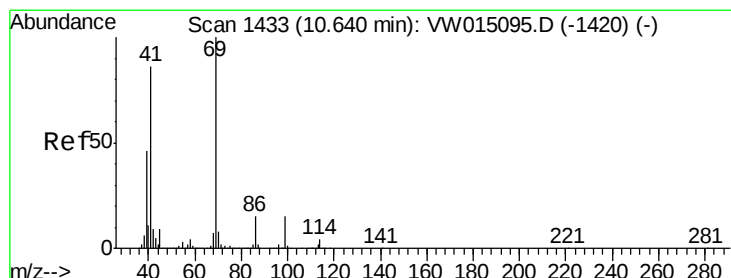
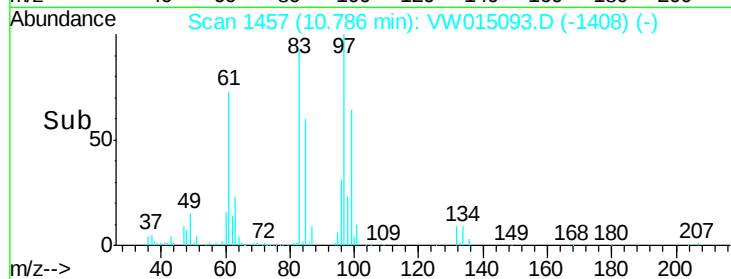
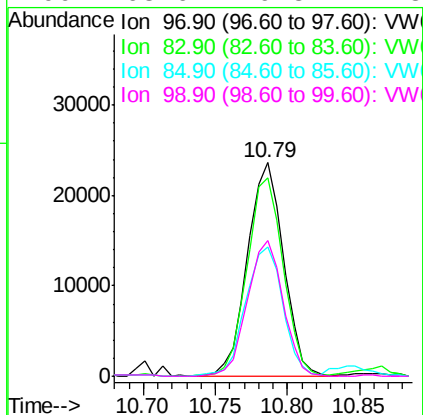
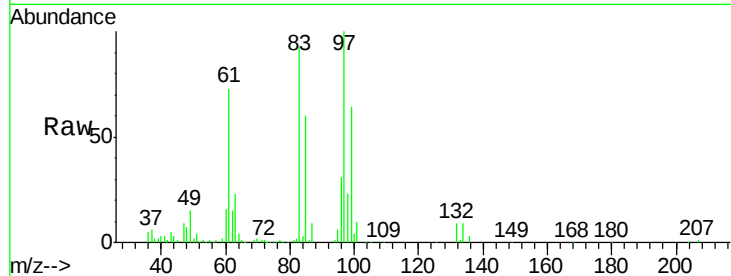




#55
 1,1,2-Trichloroethane
 Concen: 9.92 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

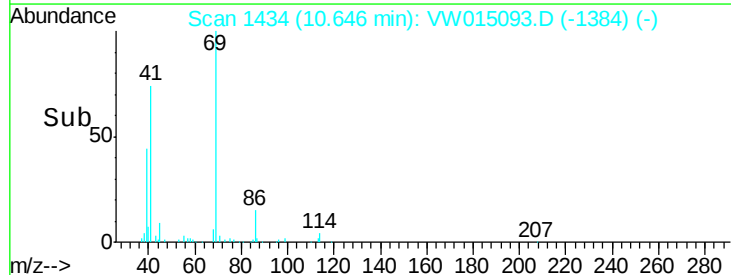
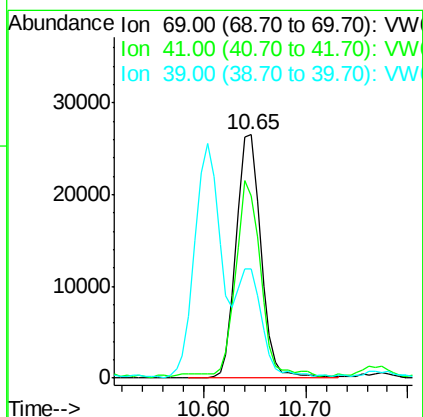
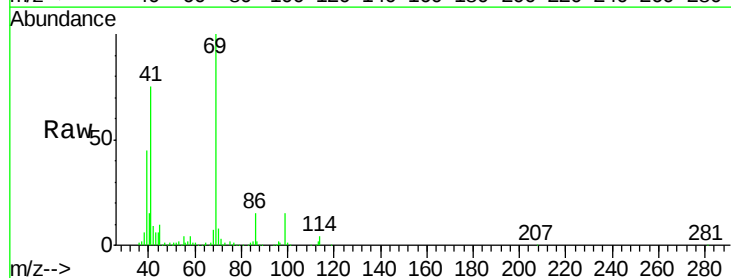
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

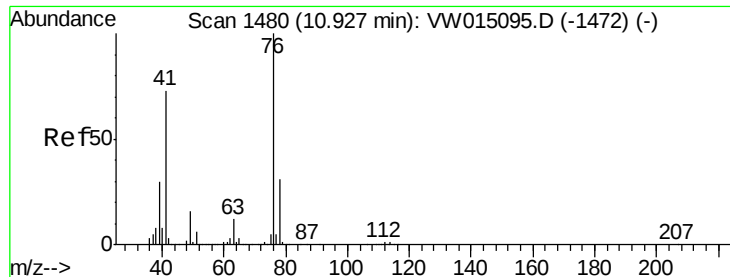
Tgt Ion:	97	Resp:	40970
Ion	Ratio	Lower	Upper
97	100		
83	92.6	74.0	111.0
85	60.4	46.9	70.3
99	63.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 8.42 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

Tgt Ion:	69	Resp:	44891
Ion	Ratio	Lower	Upper
69	100		
41	78.6	65.8	98.6
39	42.5	31.2	46.8





#57

1,3-Dichloropropane

Concen: 9.56 ug/l

RT: 10.93 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

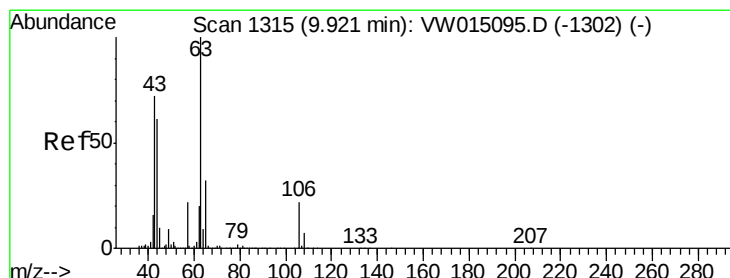
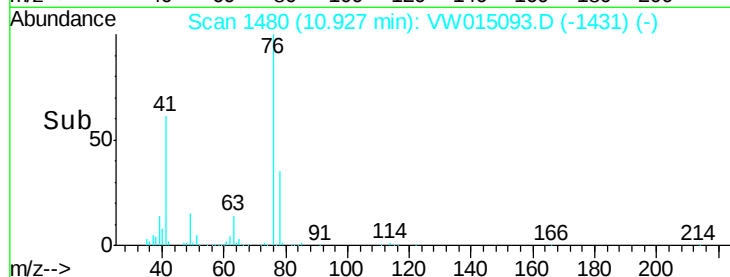
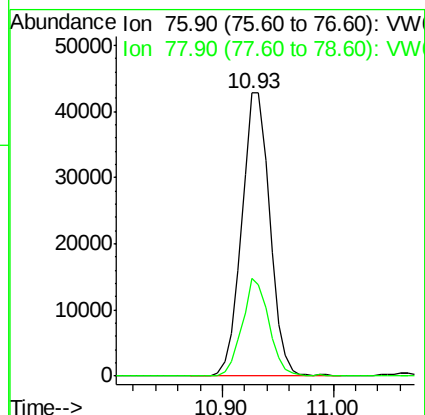
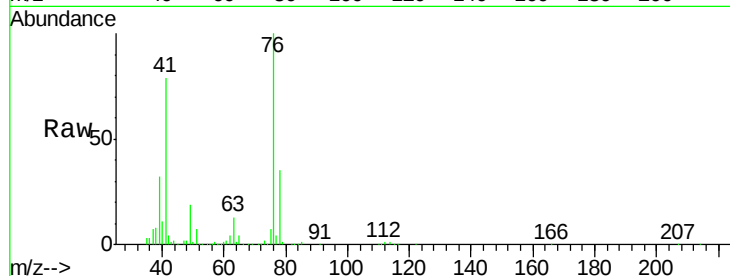
VSTDIC010

Tgt Ion: 76 Resp: 75199

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 45.55 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW015093.D

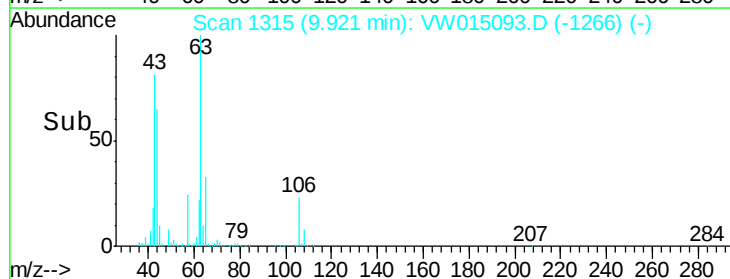
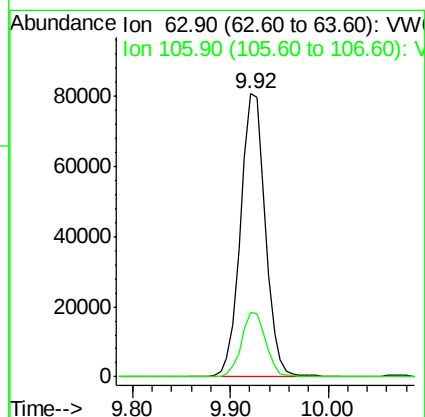
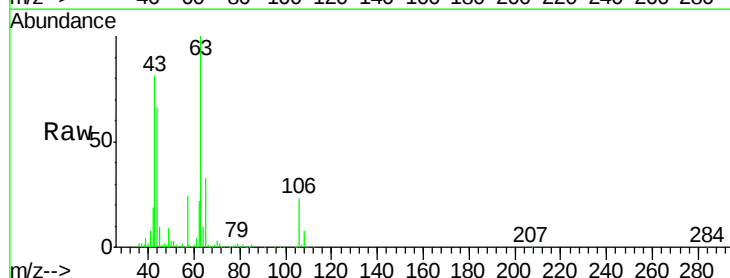
Acq: 09 Mar 2020 11:02

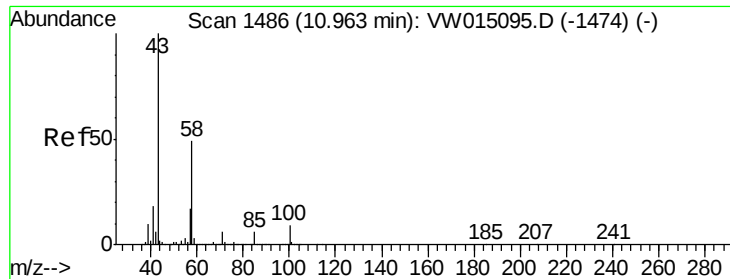
Tgt Ion: 63 Resp: 142414

Ion Ratio Lower Upper

63 100

106 22.5 18.0 27.0





#59

2-Hexanone

Concen: 42.05 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

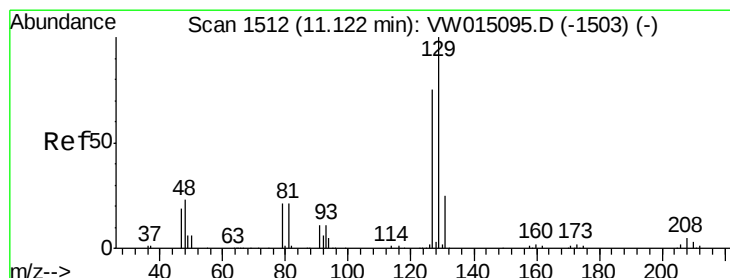
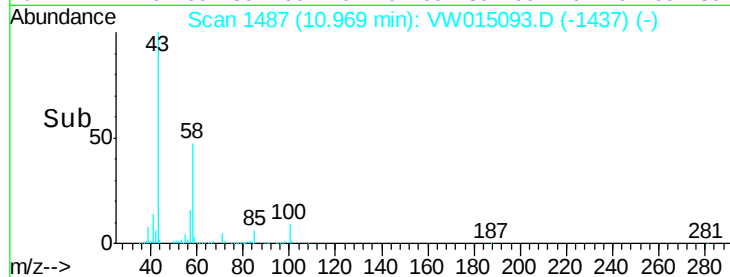
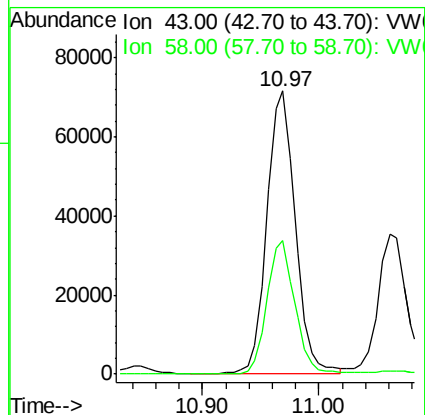
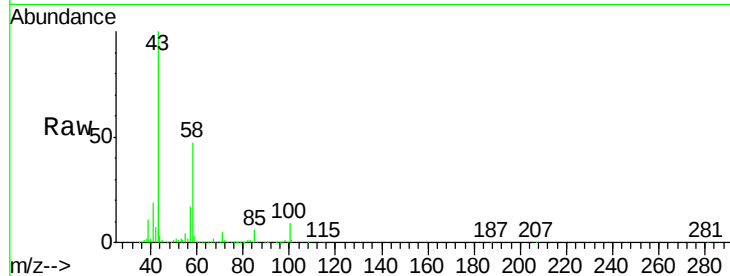
VSTDIC010

Tgt Ion: 43 Resp: 120045

Ion Ratio Lower Upper

43 100

58 46.7 24.6 73.8



#60

Dibromochloromethane

Concen: 9.77 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.01 min

Lab File: VW015093.D

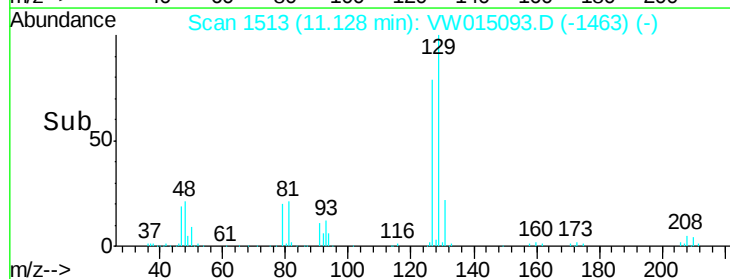
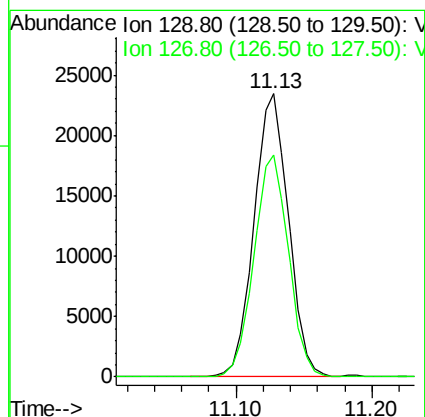
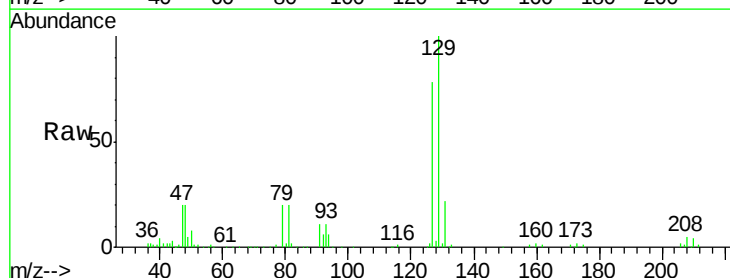
Acq: 09 Mar 2020 11:02

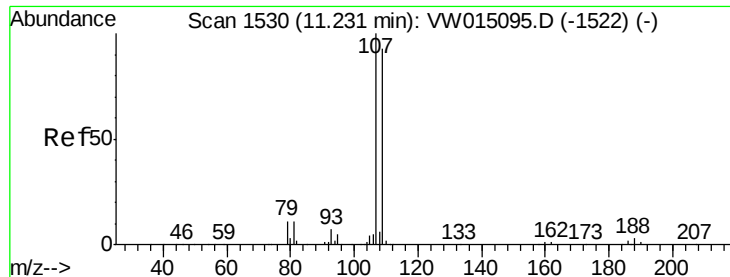
Tgt Ion: 129 Resp: 41670

Ion Ratio Lower Upper

129 100

127 78.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 9.73 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

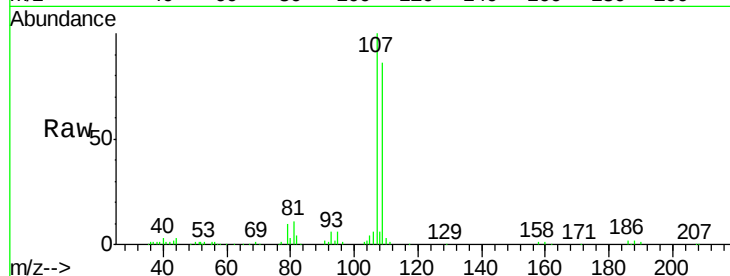
VSTDIC010

Tgt Ion: 107 Resp: 35625

Ion Ratio Lower Upper

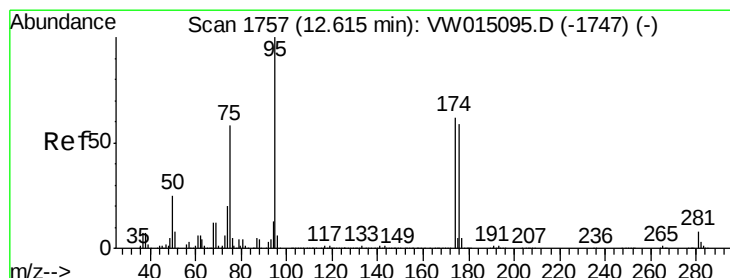
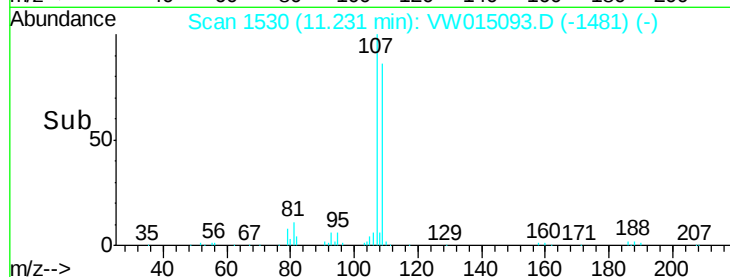
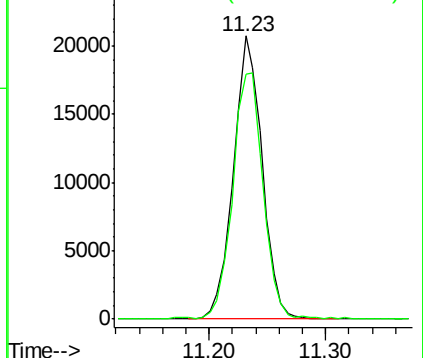
107 100

109 91.9 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 9.40 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

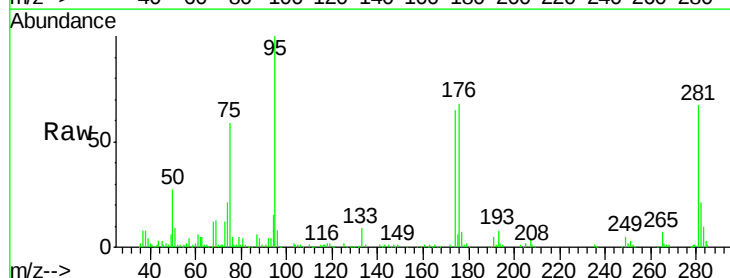
Tgt Ion: 95 Resp: 62517

Ion Ratio Lower Upper

95 100

174 64.3 0.0 126.8

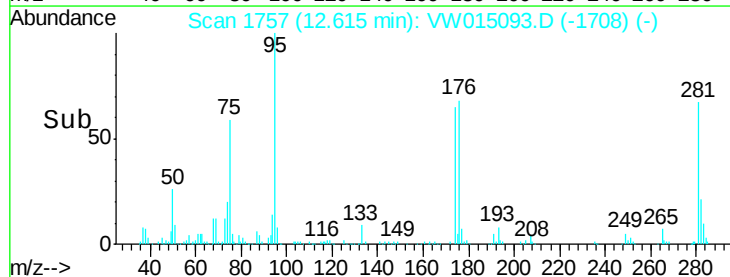
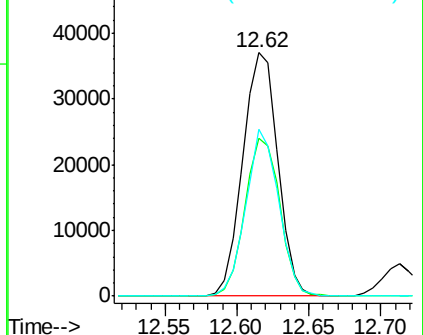
176 64.2 0.0 121.6

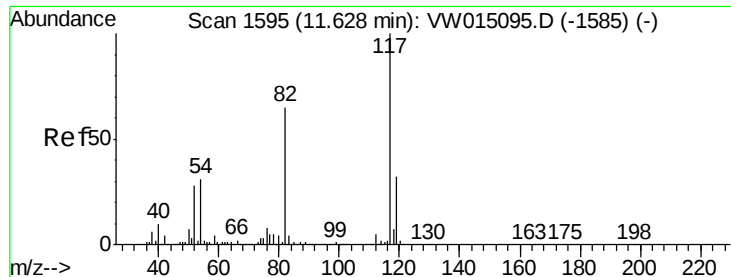


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

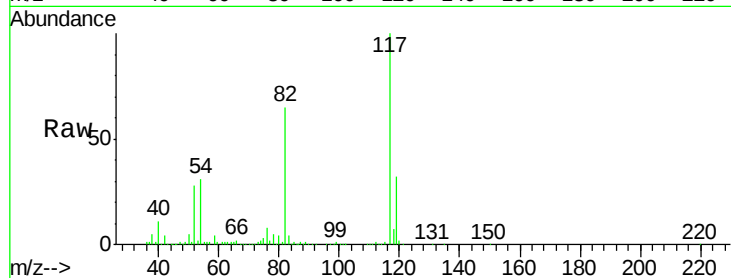
Tgt Ion:117 Resp: 711877

Ion Ratio Lower Upper

117 100

82 65.3 52.2 78.2

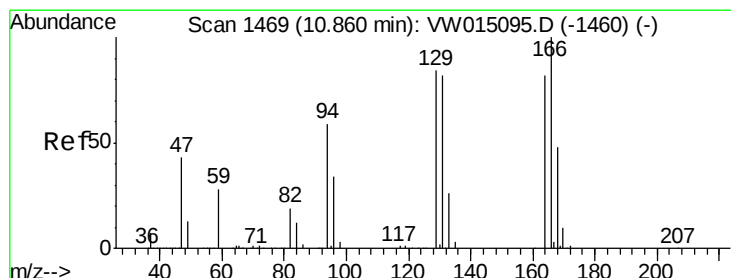
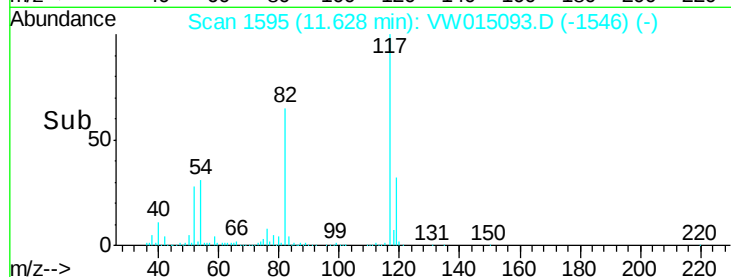
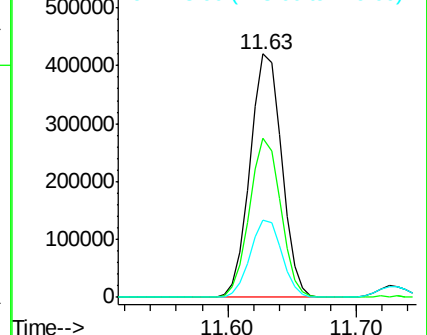
119 31.7 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 9.91 ug/l

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Tgt Ion:164 Resp: 40701

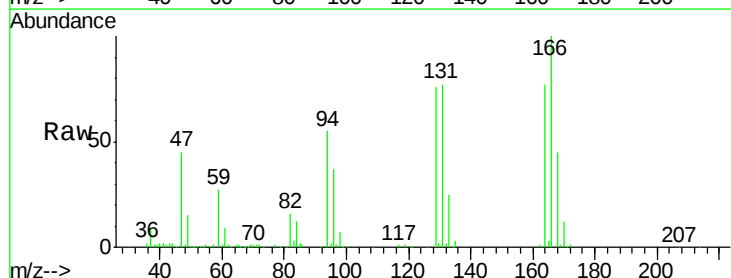
Ion Ratio Lower Upper

164 100

166 130.0 97.0 145.6

129 98.5 81.2 121.8

131 99.9 79.4 119.2

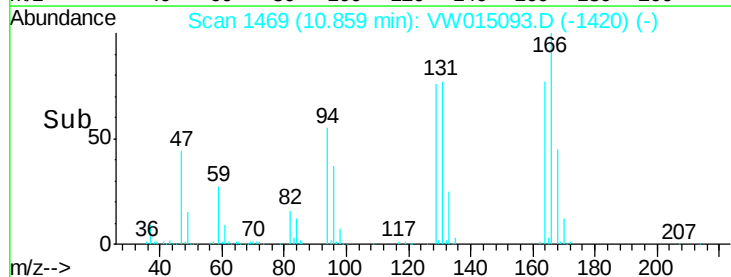
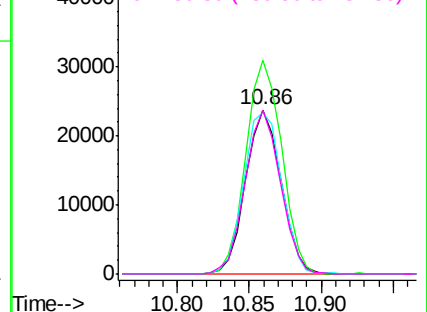


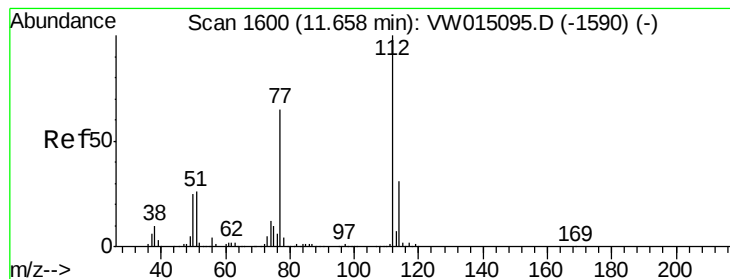
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 9.98 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

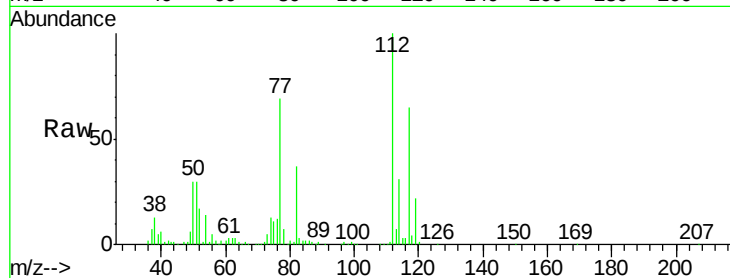
VSTDIC010

Tgt Ion:112 Resp: 142590

Ion Ratio Lower Upper

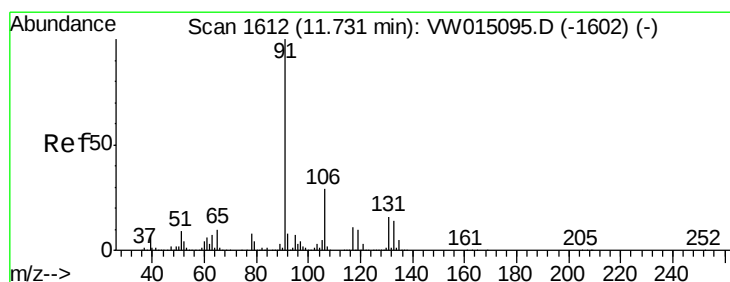
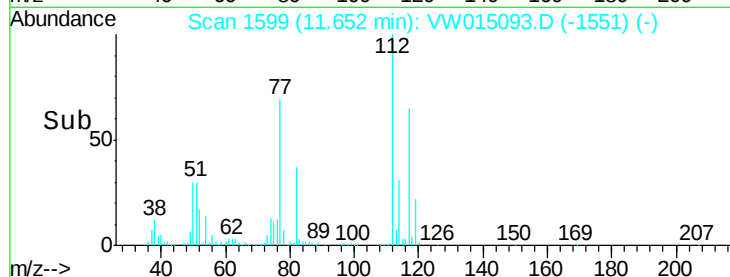
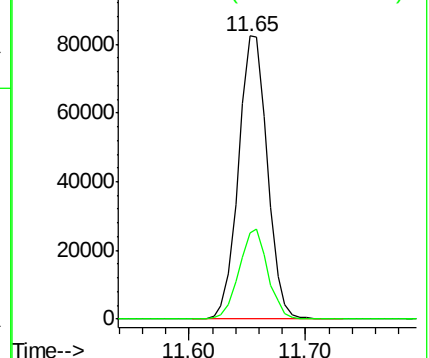
112 100

114 30.5 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 10.05 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

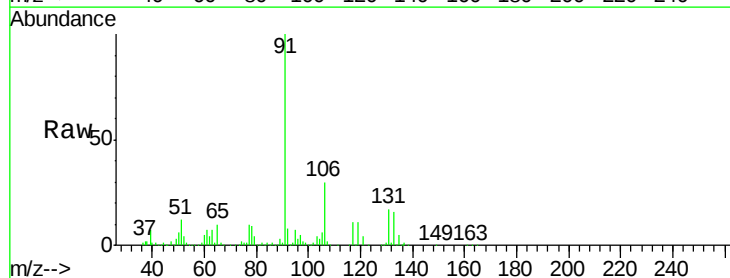
Tgt Ion:131 Resp: 47809

Ion Ratio Lower Upper

131 100

133 92.7 47.3 141.8

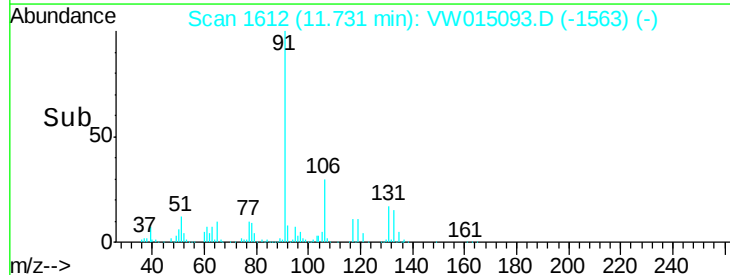
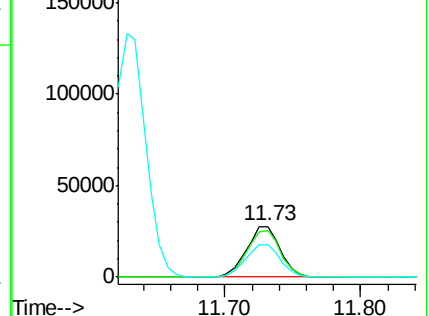
119 66.6 34.0 101.8

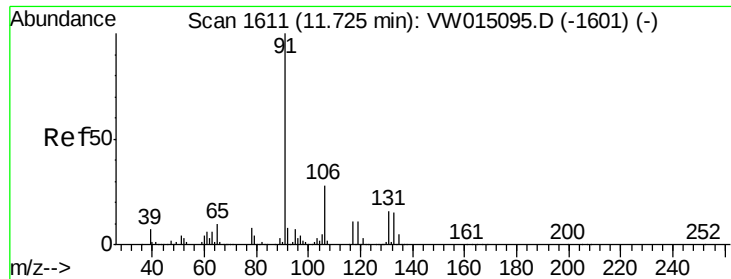


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

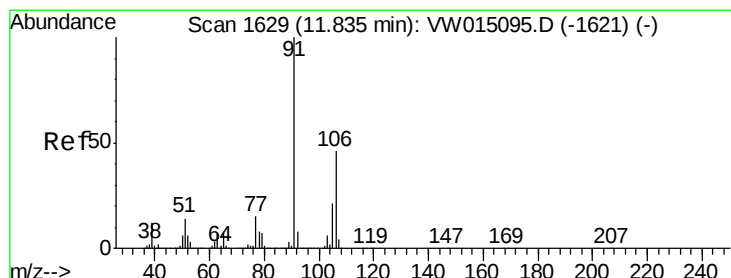
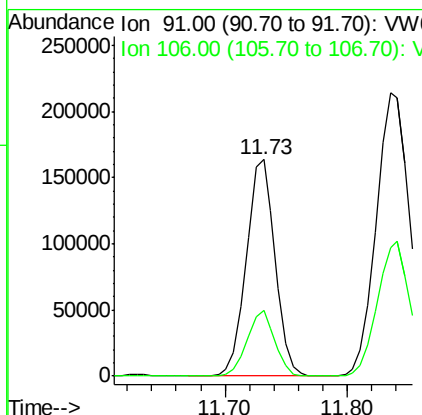
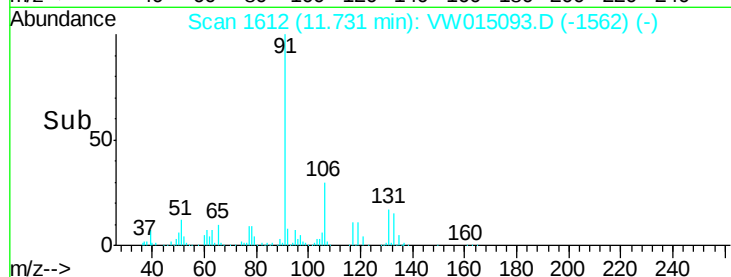
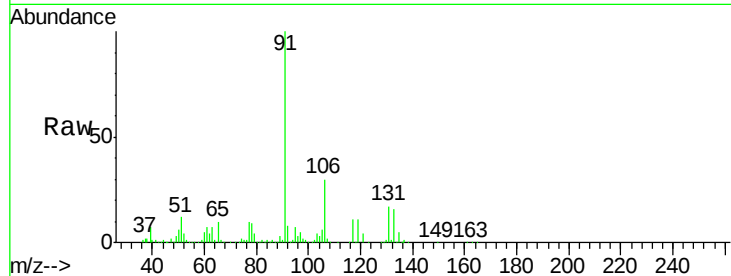




#67
Ethyl Benzene
Concen: 9.61 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

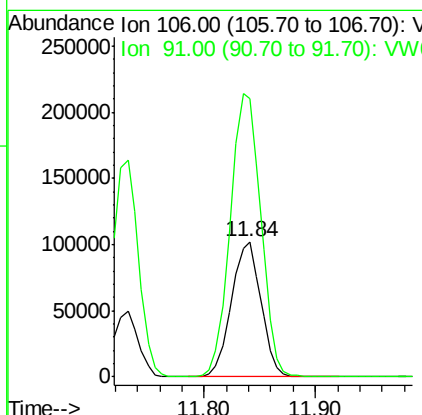
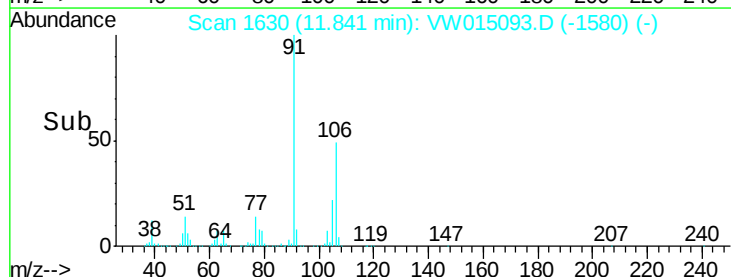
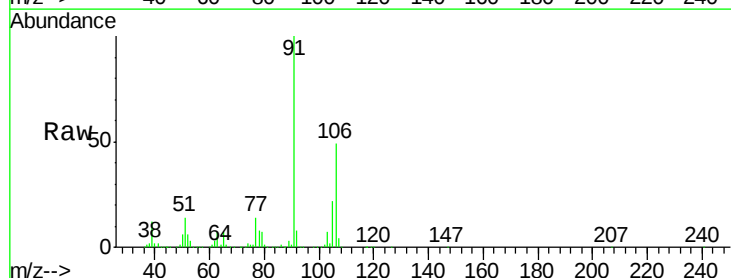
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

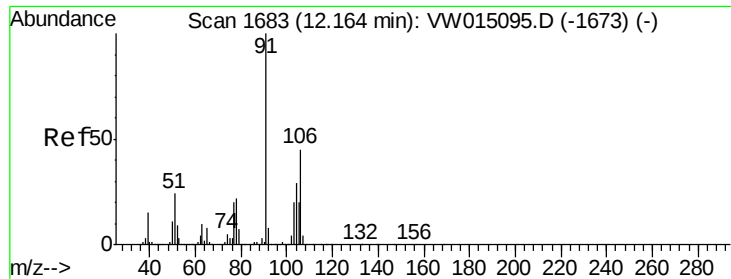
Tgt Ion: 91 Resp: 267319
Ion Ratio Lower Upper
91 100
106 30.4 22.8 34.2



#68
m/p-Xylenes
Concen: 19.10 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion: 106 Resp: 187697
Ion Ratio Lower Upper
106 100
91 216.0 172.3 258.5

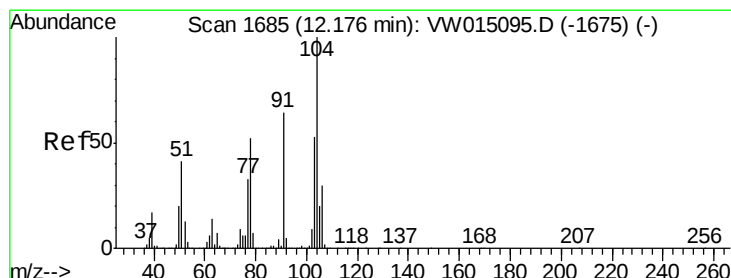
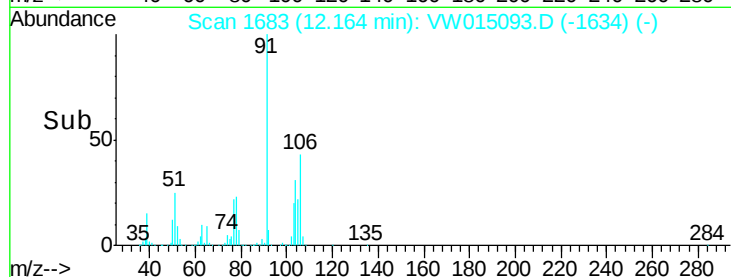
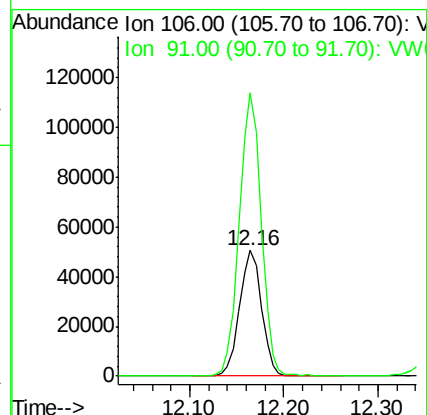
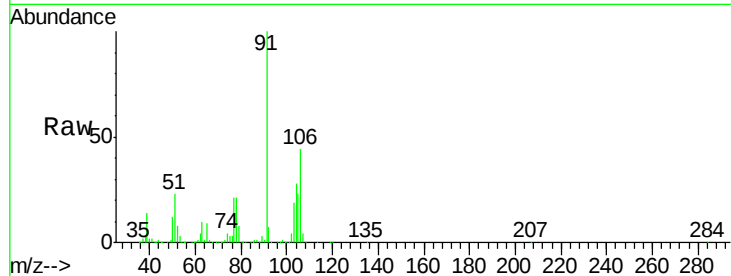




#69
o-Xylene
Concen: 9.31 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

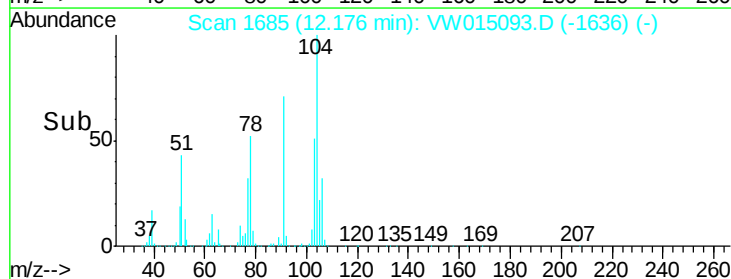
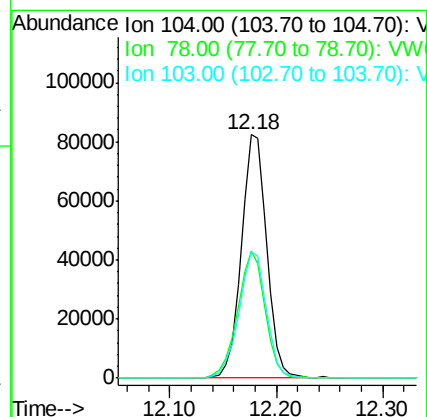
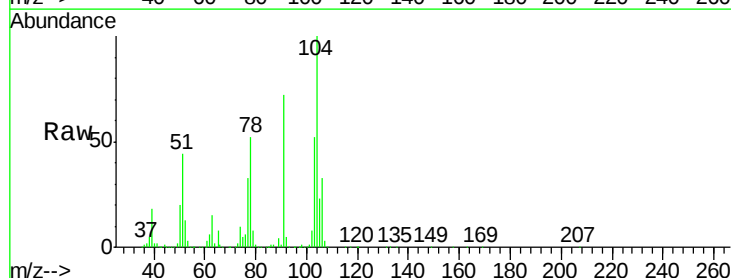
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

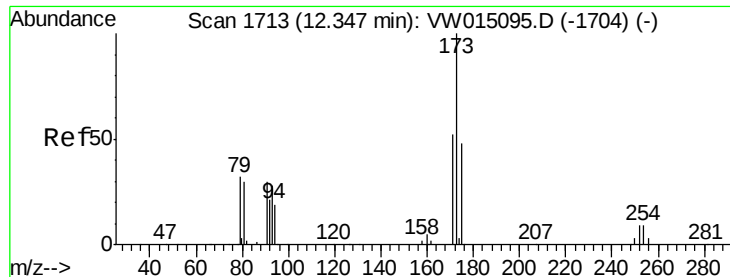
Tgt Ion:106 Resp: 82421
Ion Ratio Lower Upper
106 100
91 223.2 112.6 337.8



#70
Styrene
Concen: 9.09 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion:104 Resp: 137963
Ion Ratio Lower Upper
104 100
78 56.5 44.7 67.1
103 56.2 44.7 67.1

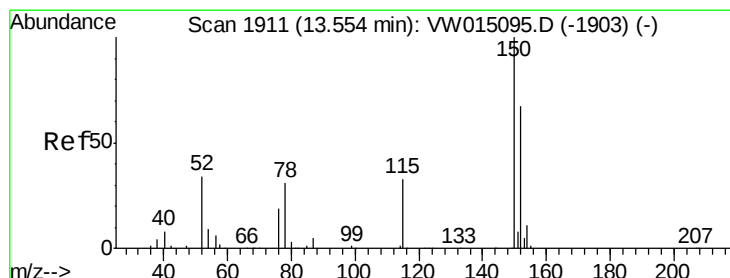
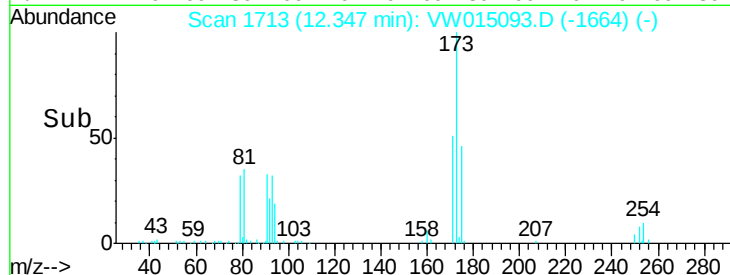
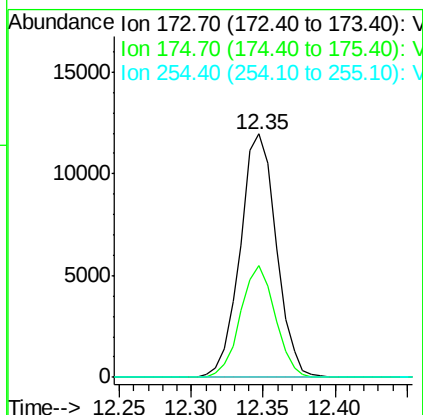
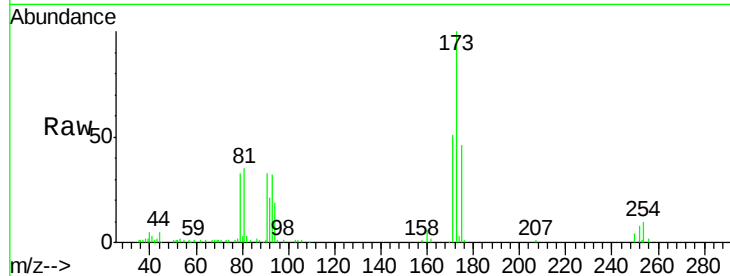




#71
Bromoform
Concen: 9.85 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

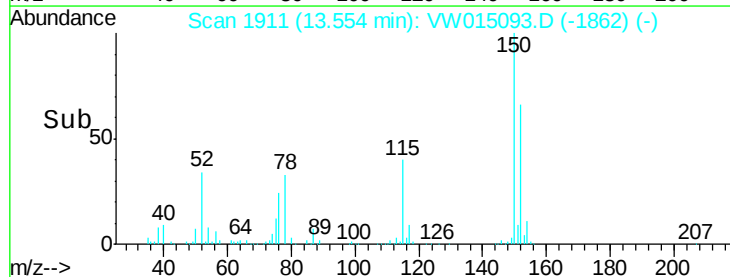
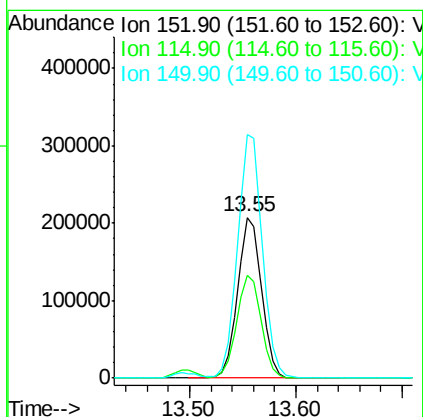
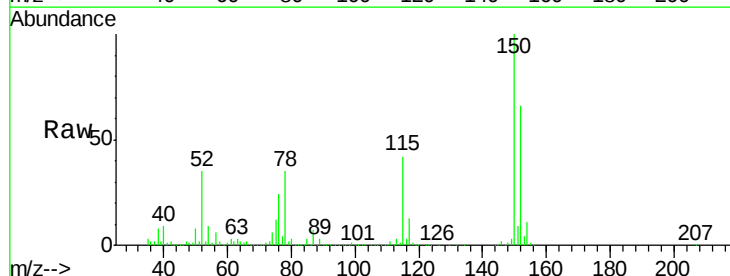
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

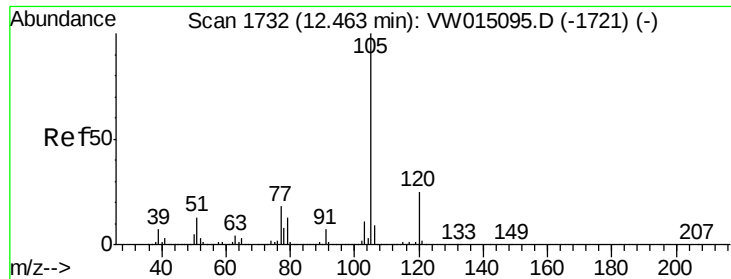
Tgt Ion:173 Resp: 20808
Ion Ratio Lower Upper
173 100
175 44.1 23.8 71.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion:152 Resp: 326814
Ion Ratio Lower Upper
152 100
115 64.9 33.3 99.9
150 157.3 0.0 351.2





#73

Isopropylbenzene

Concen: 9.16 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

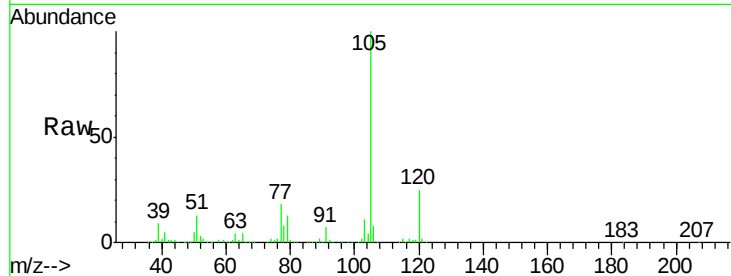
VSTDIC010

Tgt Ion:105 Resp: 228572

Ion Ratio Lower Upper

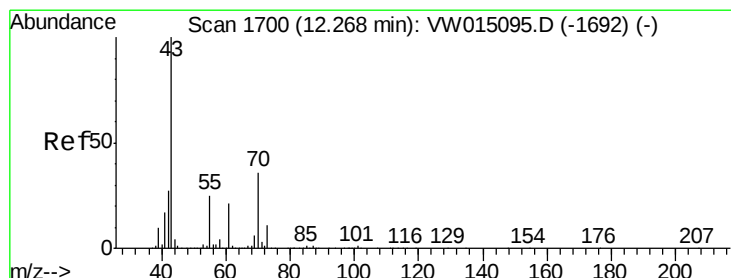
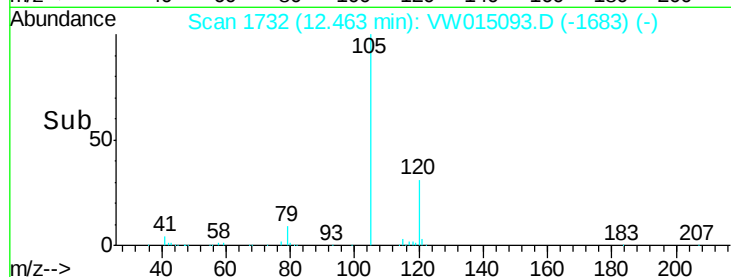
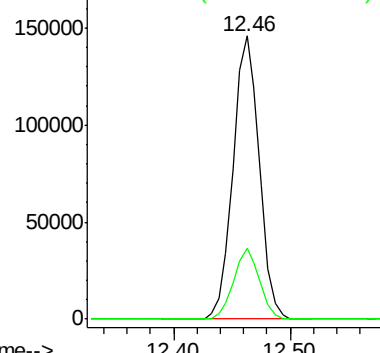
105 100

120 24.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 8.25 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Tgt Ion: 43 Resp: 60889

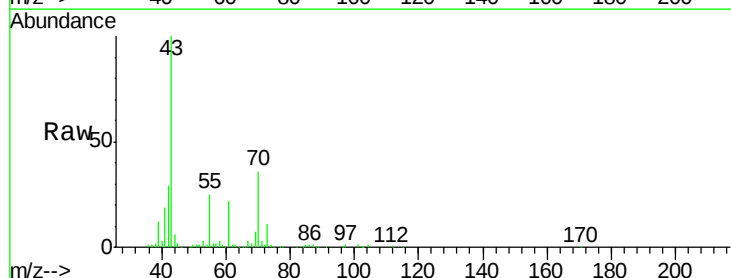
Ion Ratio Lower Upper

43 100

70 38.0 29.4 44.2

55 29.4 20.3 30.5

61 21.5 17.1 25.7

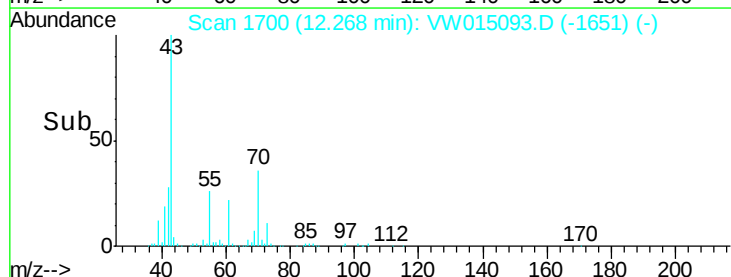
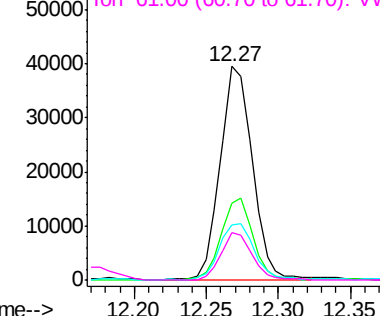


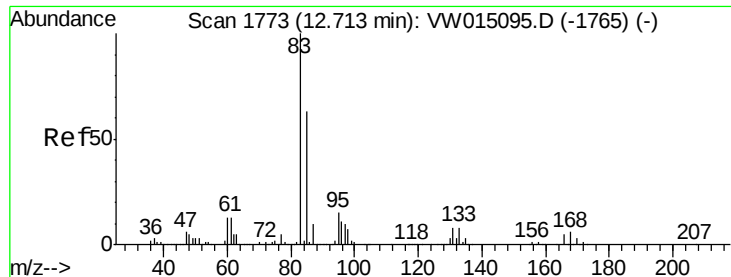
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 9.68 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

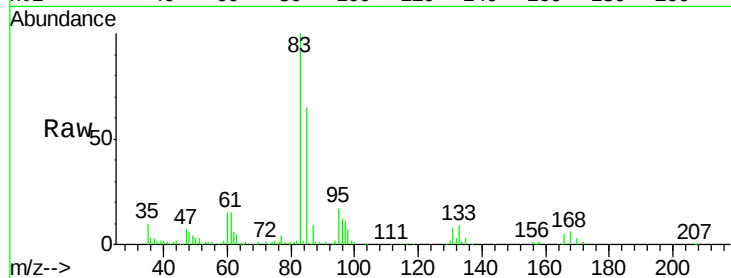
Tgt Ion: 83 Resp: 49067

Ion Ratio Lower Upper

83 100

131 8.5 4.3 13.1

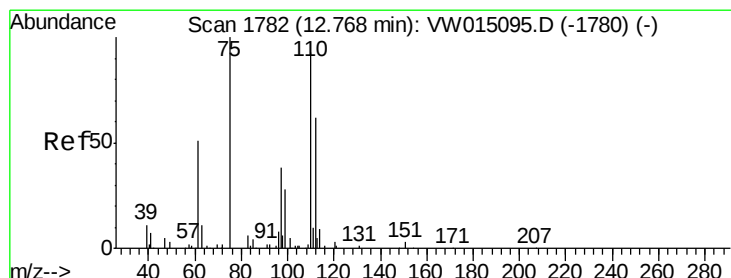
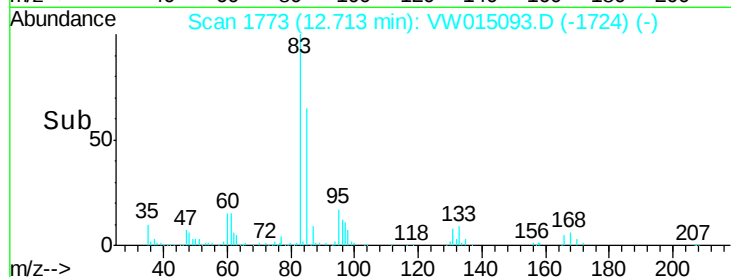
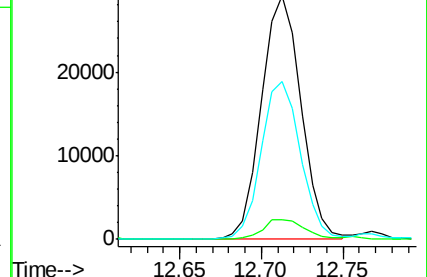
85 64.2 31.5 94.5



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 10.32 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW015093.D

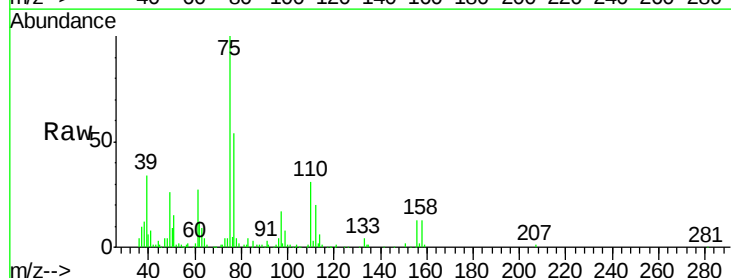
Acq: 09 Mar 2020 11:02

Tgt Ion: 75 Resp: 62489

Ion Ratio Lower Upper

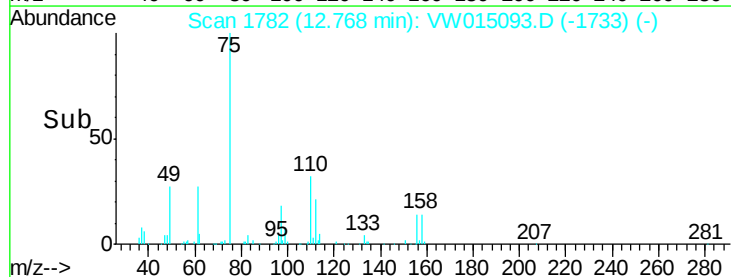
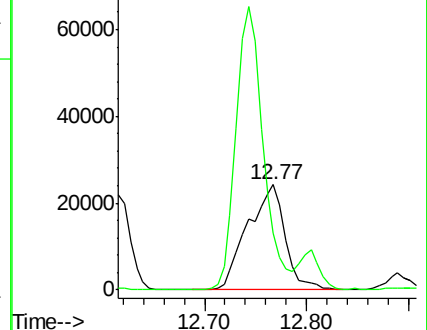
75 100

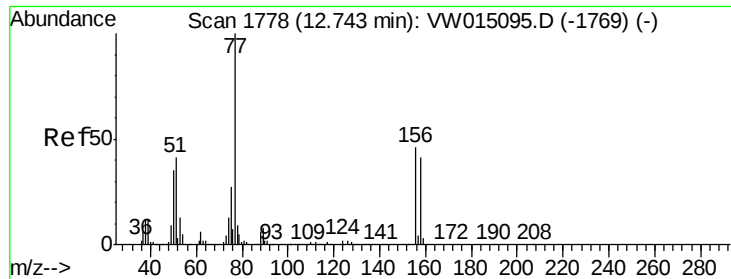
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

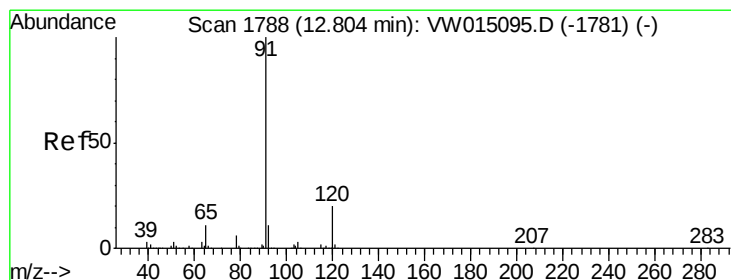
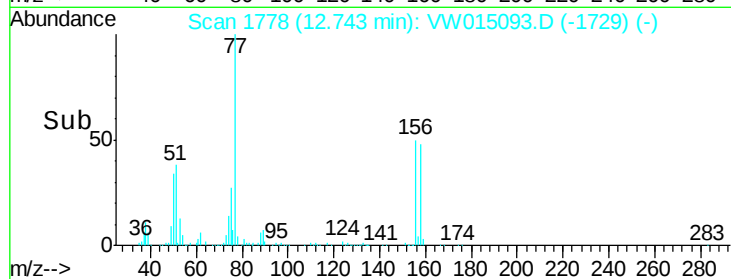
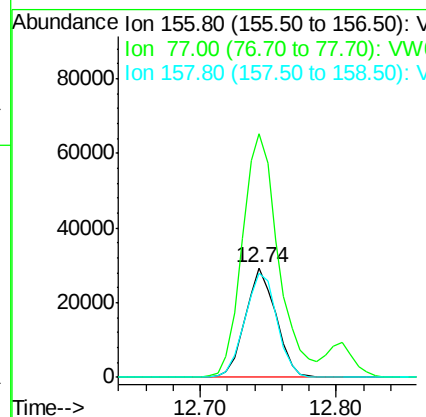
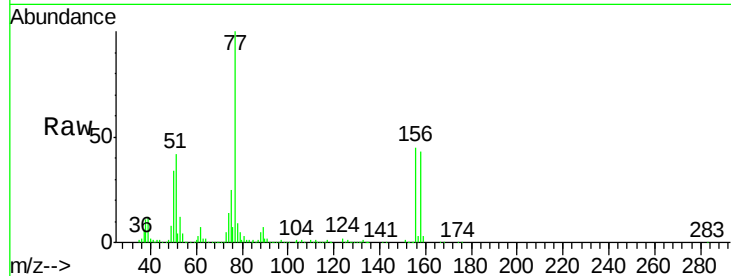




#77
Bromobenzene
Concen: 9.40 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

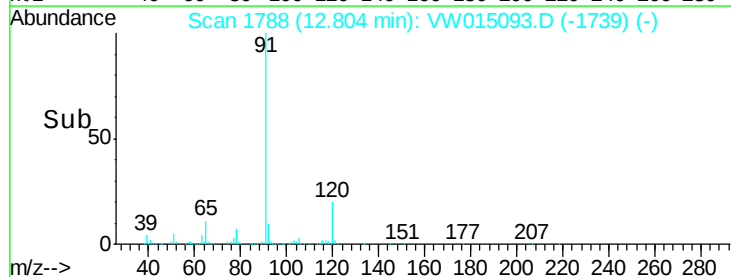
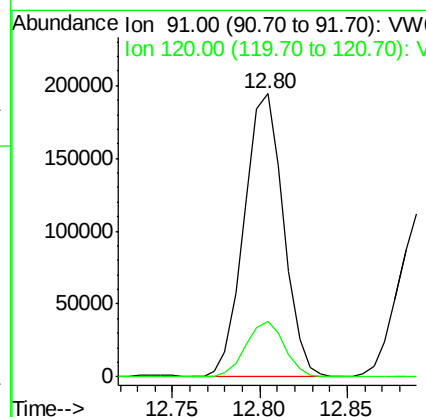
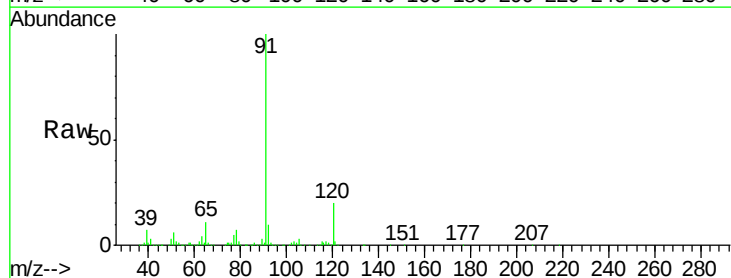
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

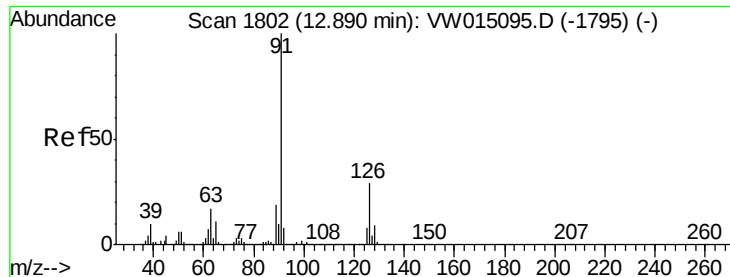
Tgt Ion:156 Resp: 46364
Ion Ratio Lower Upper
156 100
77 261.2 126.6 379.8
158 99.6 47.4 142.2



#78
n-propylbenzene
Concen: 9.32 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion: 91 Resp: 302383
Ion Ratio Lower Upper
91 100
120 19.5 10.2 30.4

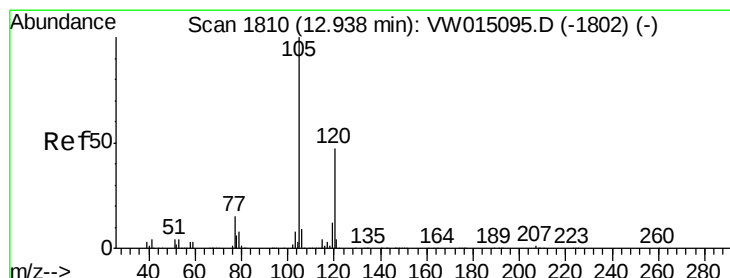
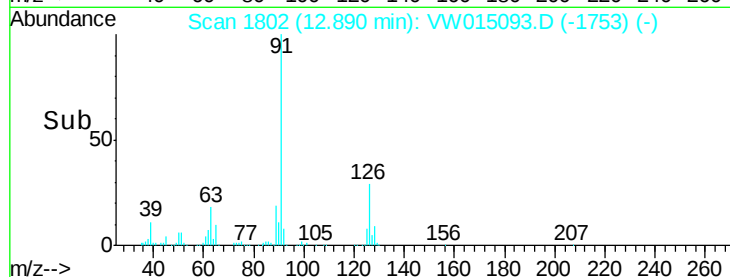
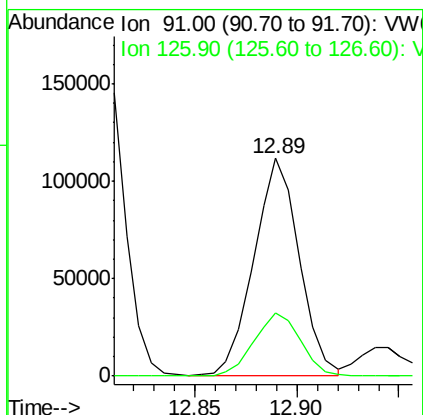
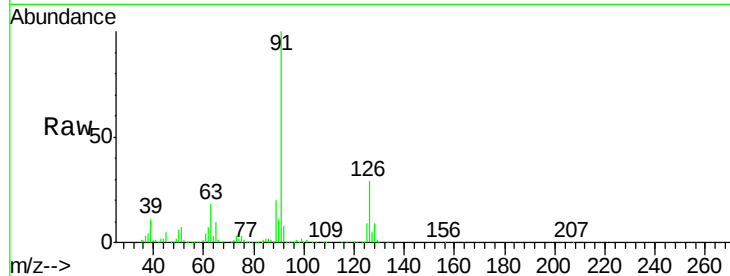




#79
 2-Chlorotoluene
 Concen: 9.42 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

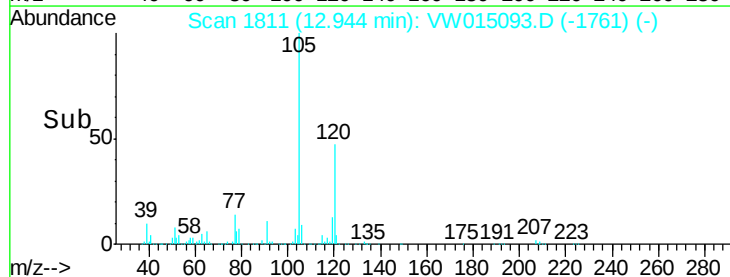
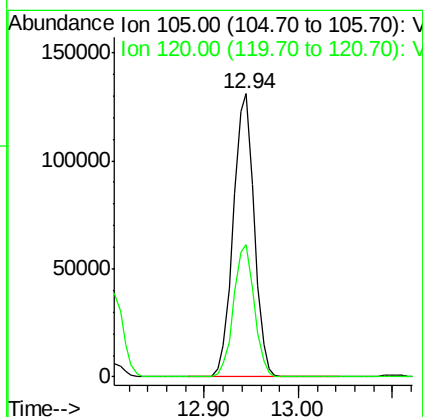
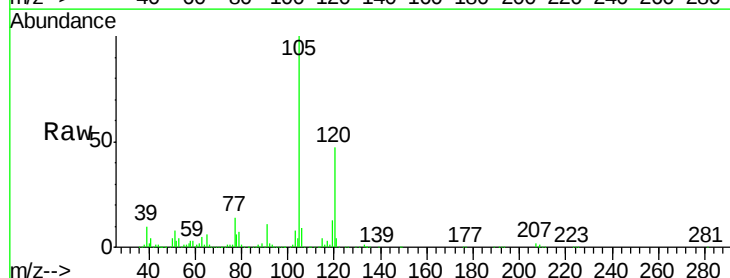
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

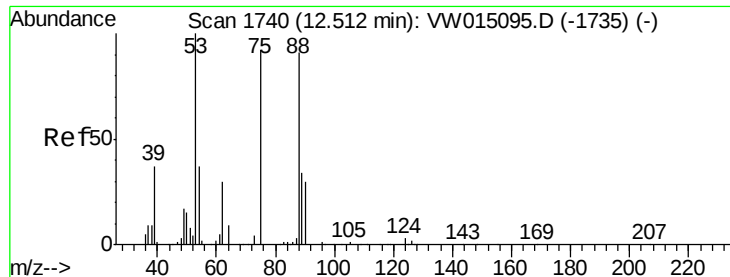
Tgt Ion: 91 Resp: 171918
 Ion Ratio Lower Upper
 91 100
 126 30.1 14.5 43.6



#80
 1,3,5-Trimethylbenzene
 Concen: 9.37 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

Tgt Ion: 105 Resp: 201123
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.3 69.8





#81

trans-1,4-Dichloro-2-butene

Concen: 8.89 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

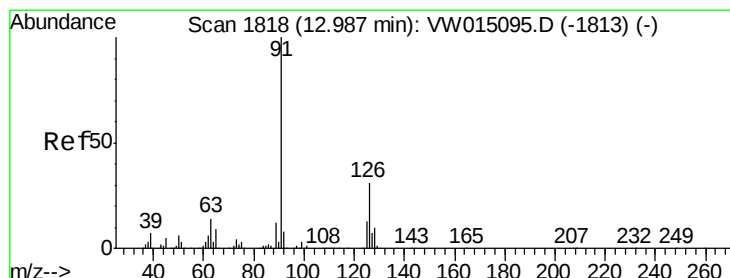
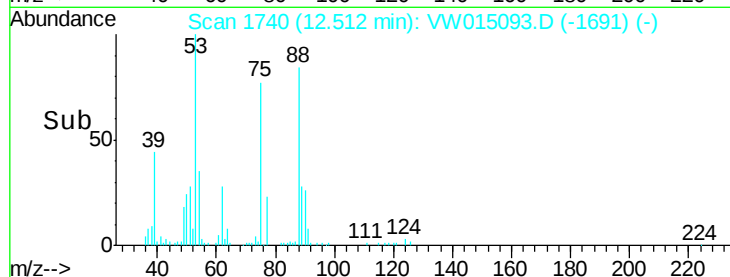
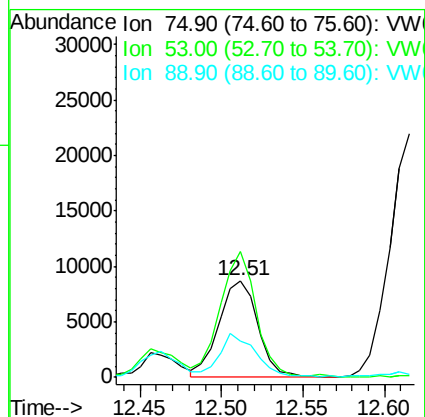
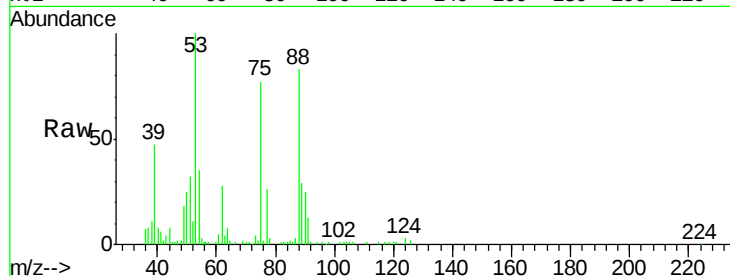
Tgt Ion: 75 Resp: 14545

Ion Ratio Lower Upper

75 100

53 120.1 88.4 132.6

89 42.0 33.1 49.7



#82

4-Chlorotoluene

Concen: 9.73 ug/l

RT: 12.99 min Scan# 1818

Delta R.T. -0.00 min

Lab File: VW015093.D

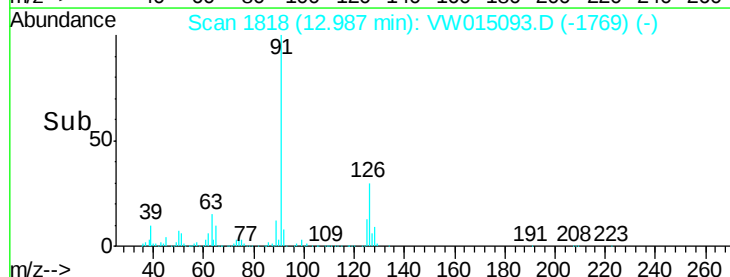
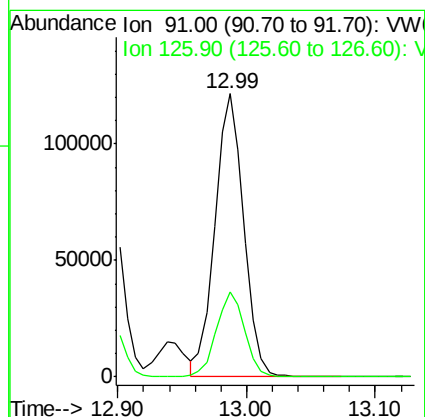
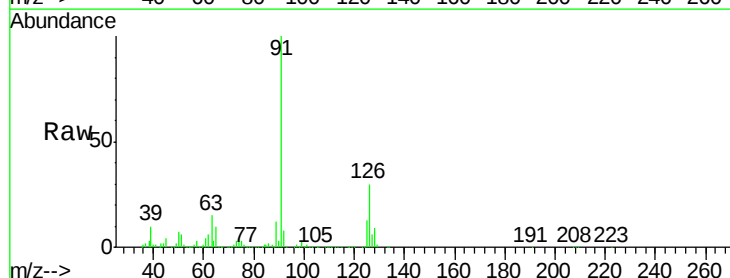
Acq: 09 Mar 2020 11:02

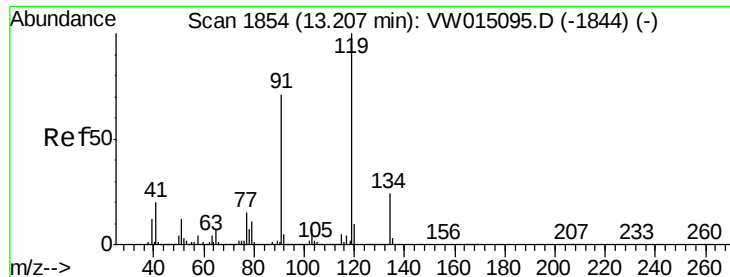
Tgt Ion: 91 Resp: 189055

Ion Ratio Lower Upper

91 100

126 30.0 14.8 44.4

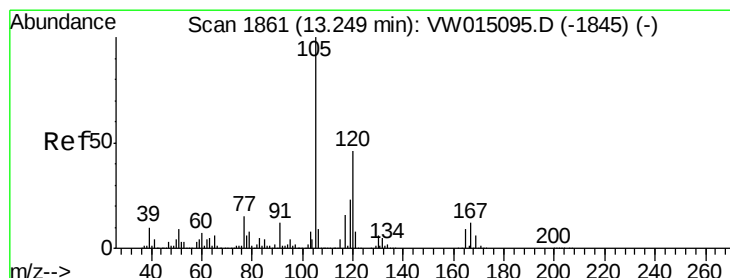
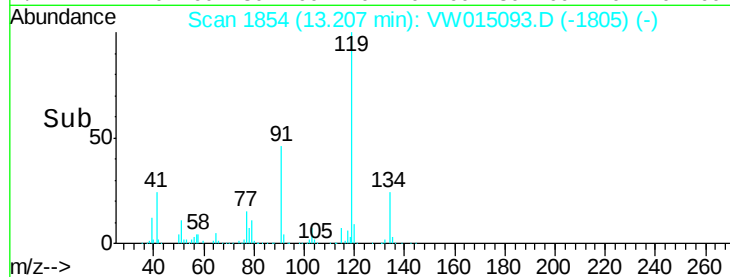
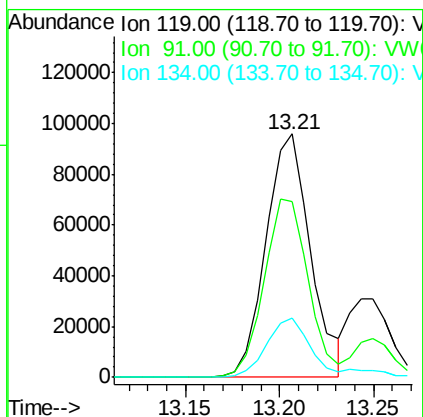
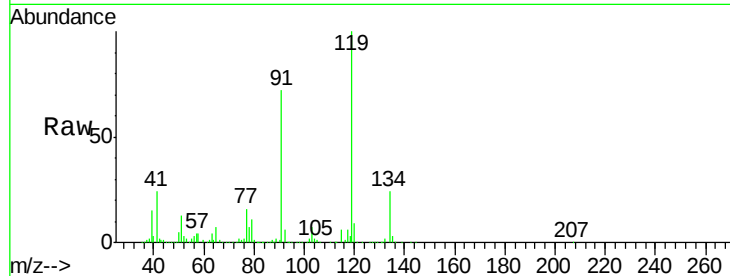




#83
 tert-Butylbenzene
 Concen: 9.04 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

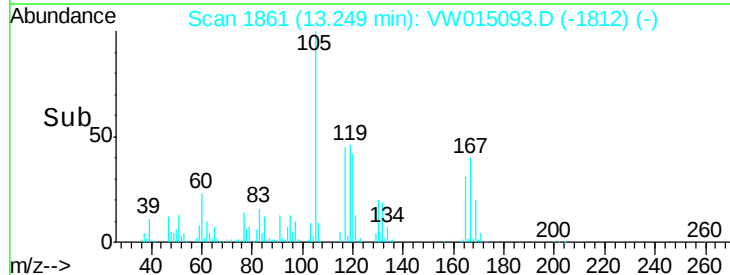
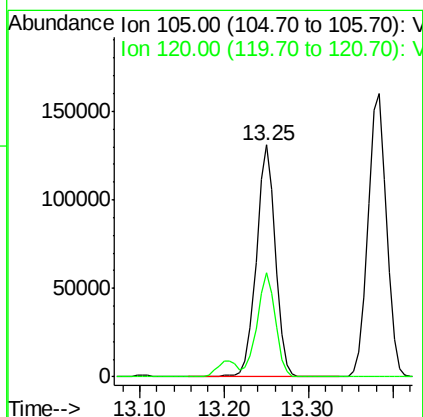
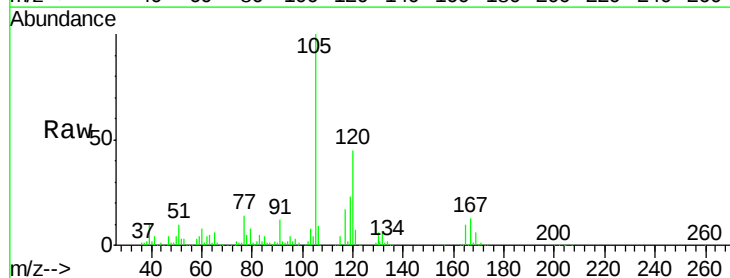
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

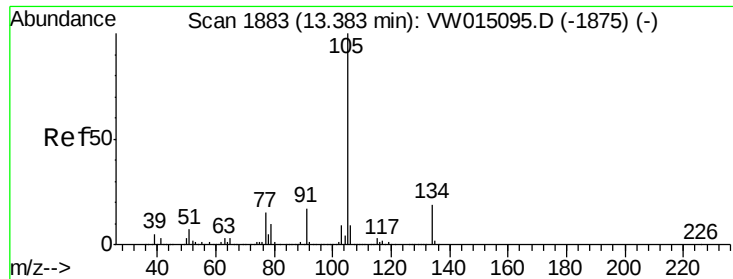
Tgt Ion:119 Resp: 157231
 Ion Ratio Lower Upper
 119 100
 91 72.2 35.7 107.1
 134 23.5 12.7 38.1



#84
 1,2,4-Trimethylbenzene
 Concen: 9.38 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

Tgt Ion:105 Resp: 201367
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.1 66.3





#85

sec-Butylbenzene

Concen: 9.30 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

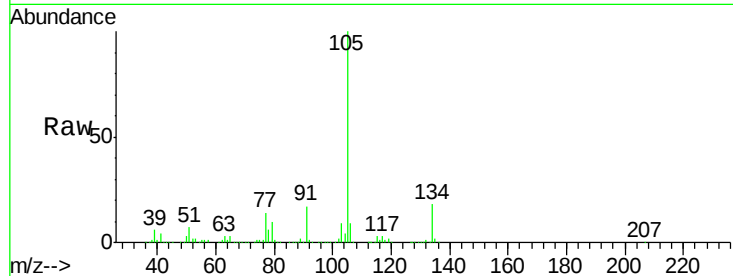
VSTDIC010

Tgt Ion:105 Resp: 244722

Ion Ratio Lower Upper

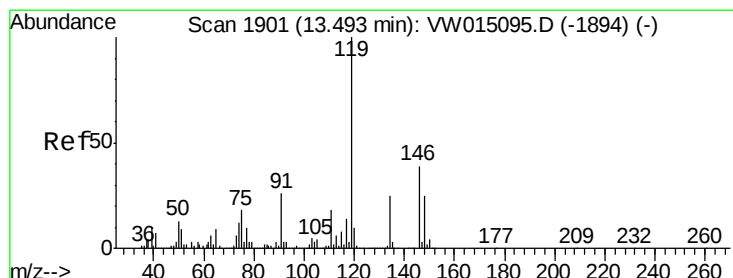
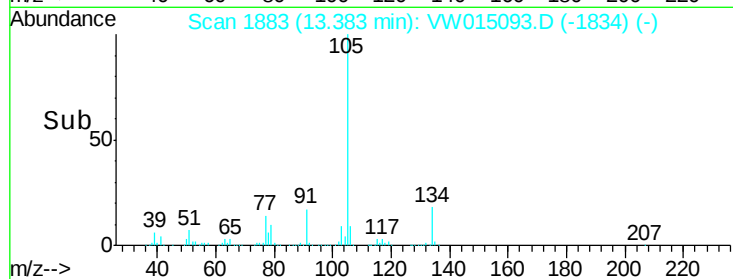
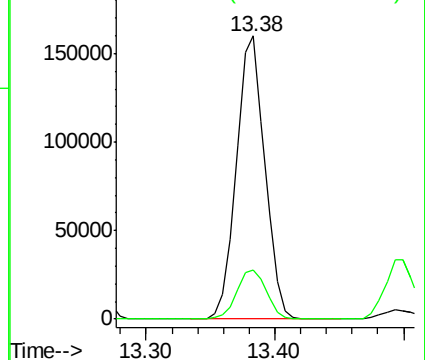
105 100

134 18.2 9.0 27.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.17 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

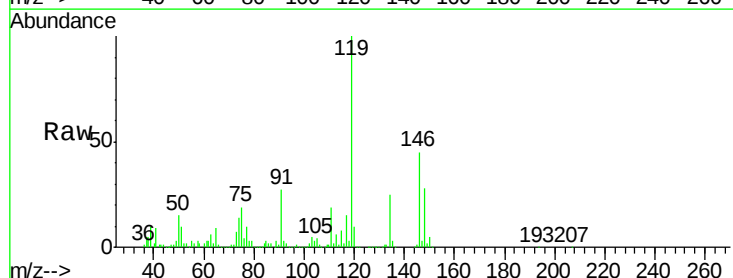
Tgt Ion:119 Resp: 207344

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

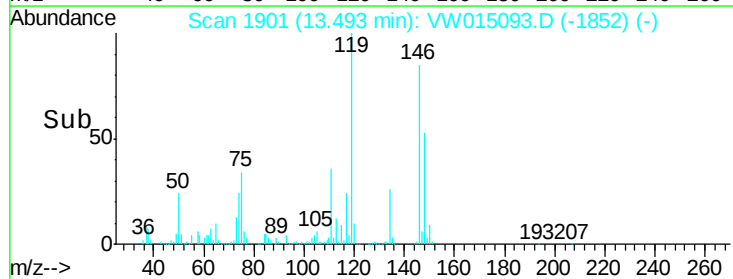
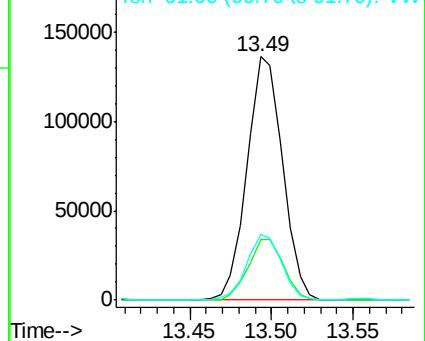
91 26.2 12.9 38.6

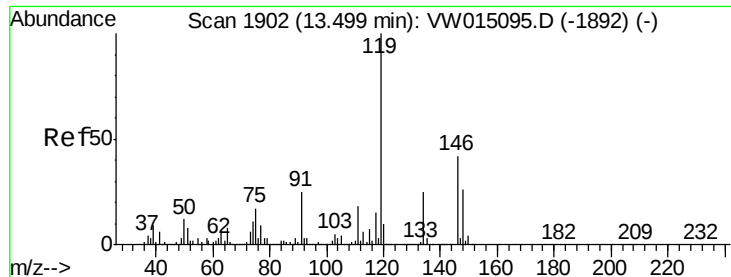


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

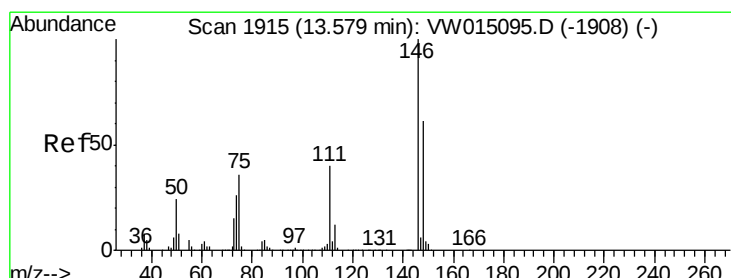
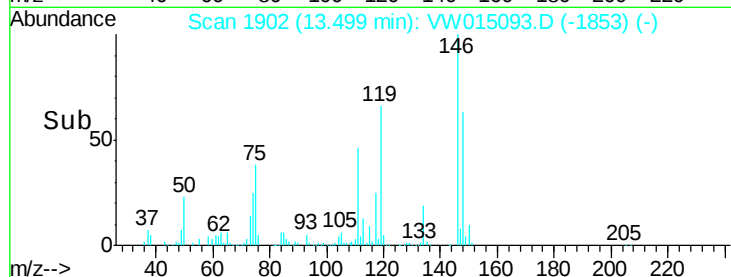
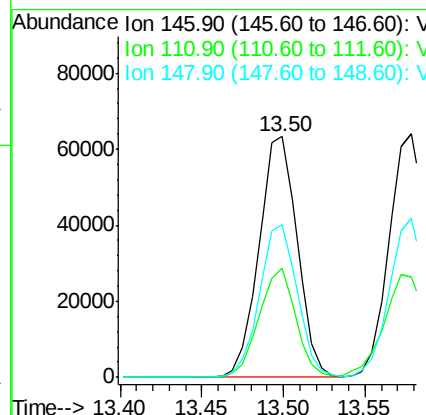
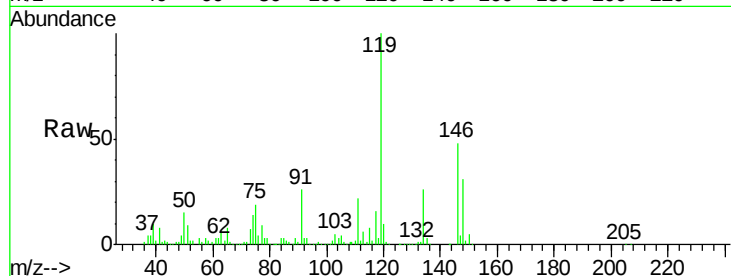




#87
 1,3-Dichlorobenzene
 Concen: 9.90 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

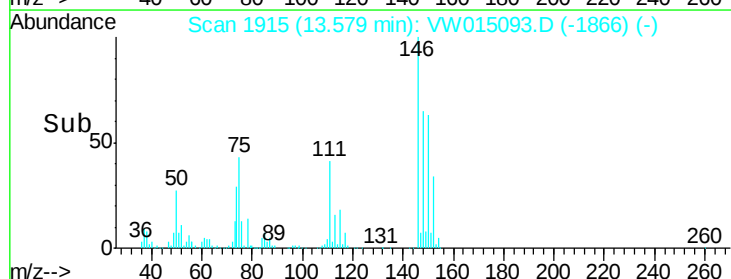
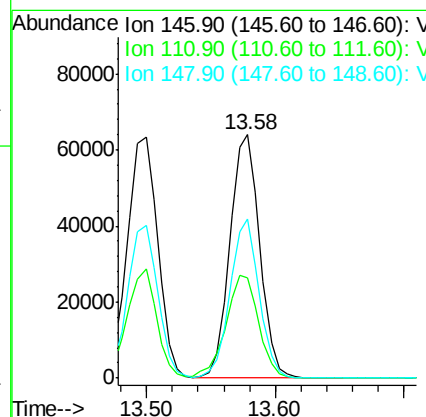
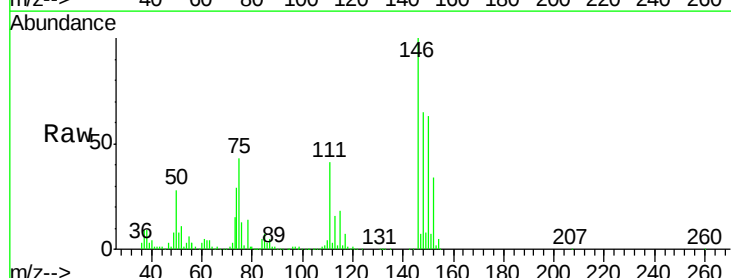
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

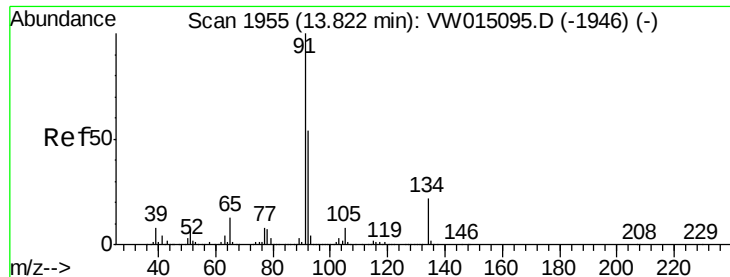
Tgt Ion:146 Resp: 103484
 Ion Ratio Lower Upper
 146 100
 111 43.4 22.5 67.5
 148 62.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 10.09 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

Tgt Ion:146 Resp: 103845
 Ion Ratio Lower Upper
 146 100
 111 46.5 21.3 63.9
 148 63.8 31.6 94.8





#89

n-Butylbenzene

Concen: 9.09 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW015093.D

Acq: 09 Mar 2020 11:02

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

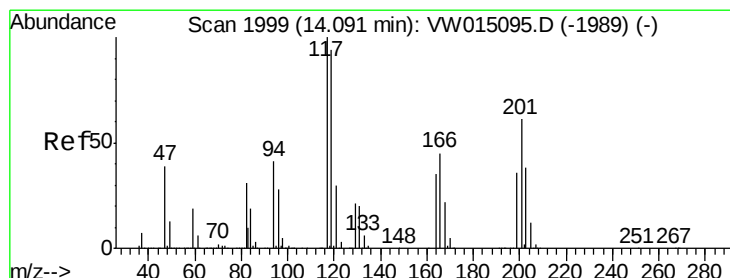
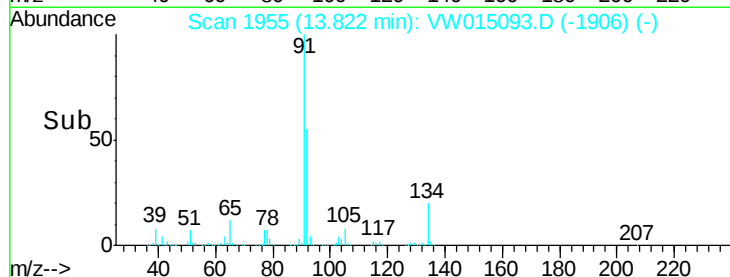
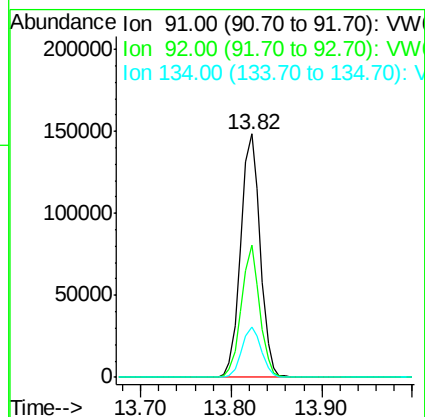
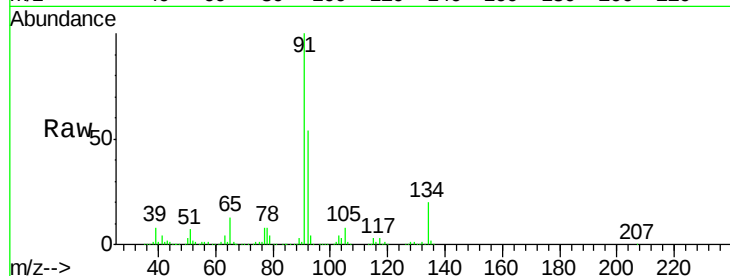
Tgt Ion: 91 Resp: 221695

Ion Ratio Lower Upper

91 100

92 51.2 26.8 80.3

134 20.8 10.8 32.4



#90

Hexachloroethane

Concen: 9.85 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. -0.00 min

Lab File: VW015093.D

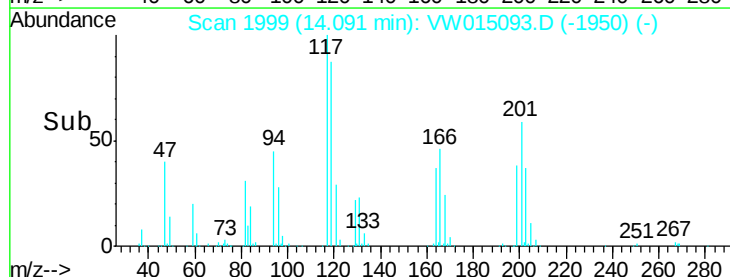
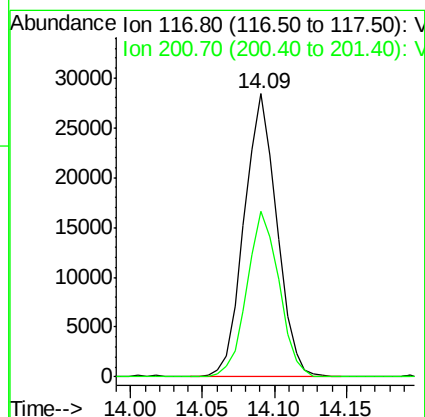
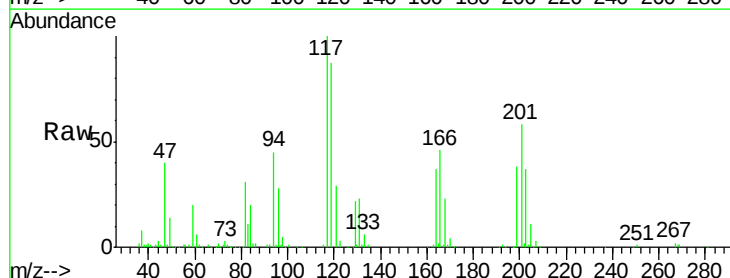
Acq: 09 Mar 2020 11:02

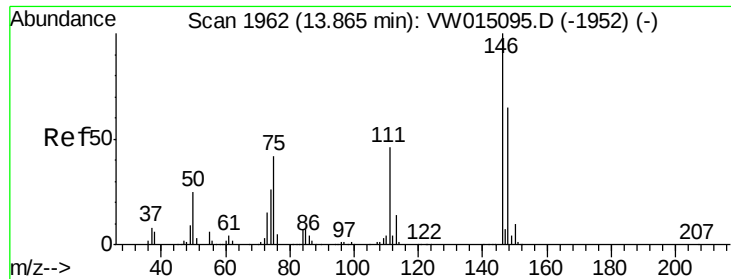
Tgt Ion: 117 Resp: 44697

Ion Ratio Lower Upper

117 100

201 57.3 30.3 90.9

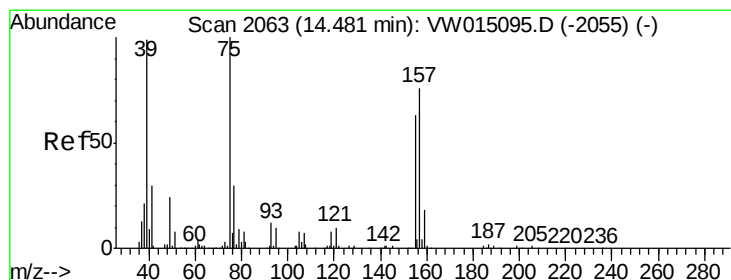
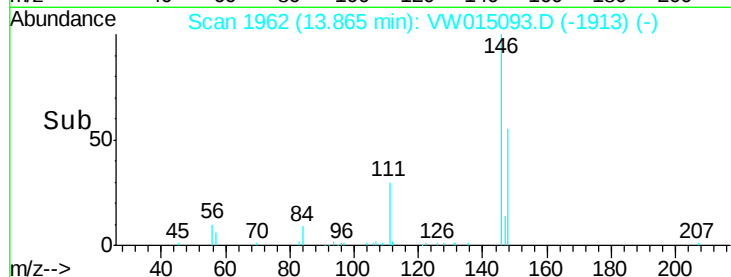
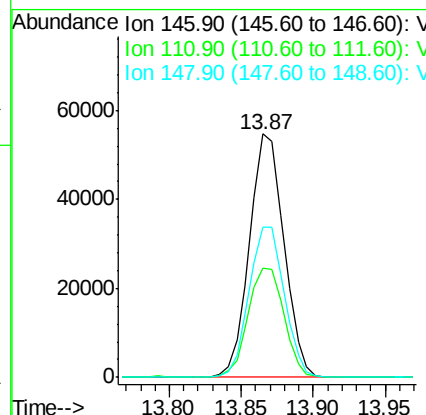
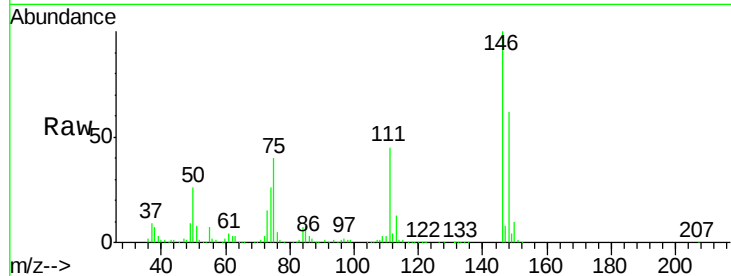




#91
 1,2-Dichlorobenzene
 Concen: 9.89 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

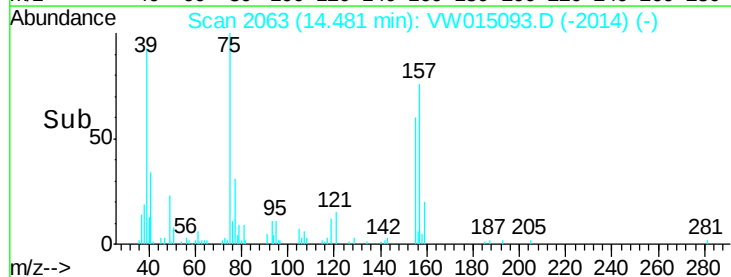
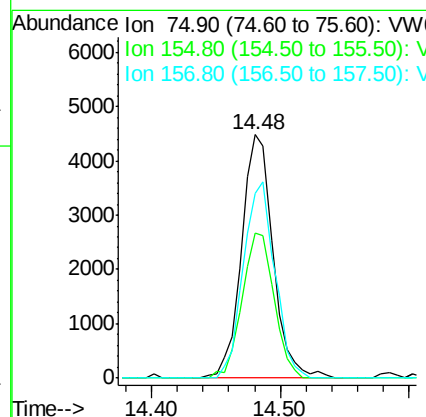
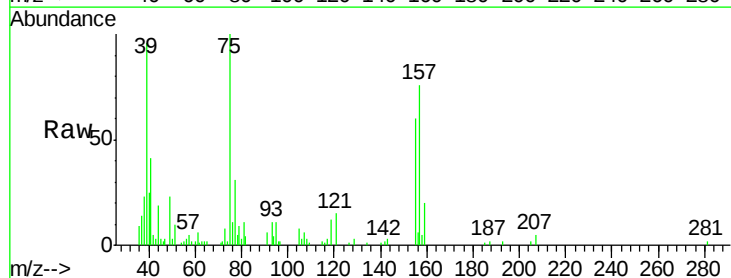
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

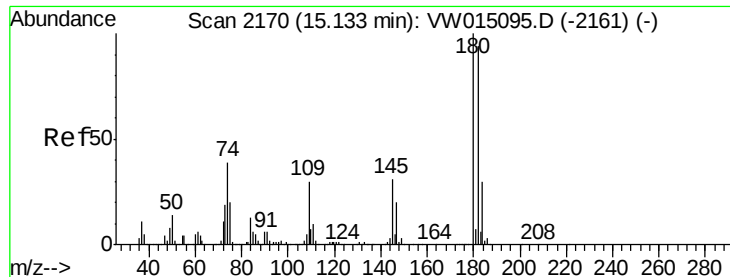
Tgt Ion: 146 Resp: 90565
 Ion Ratio Lower Upper
 146 100
 111 46.8 23.1 69.2
 148 63.1 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.29 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

Tgt Ion: 75 Resp: 7565
 Ion Ratio Lower Upper
 75 100
 155 60.1 32.1 96.3
 157 80.4 39.6 118.7

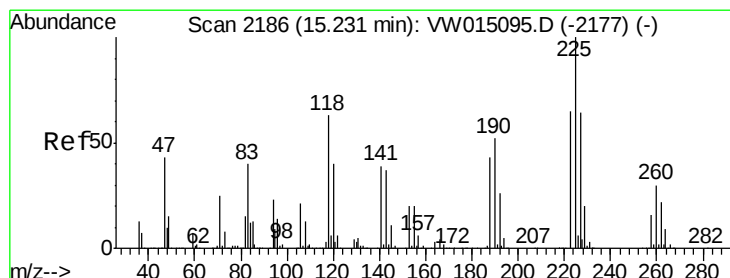
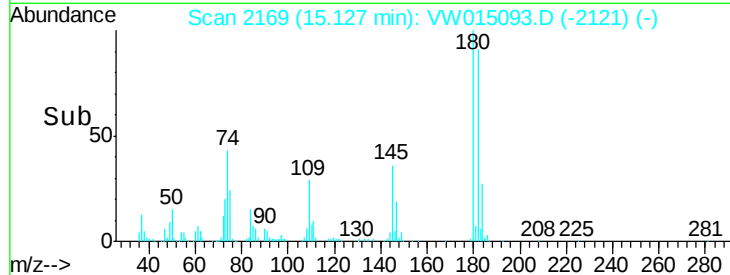
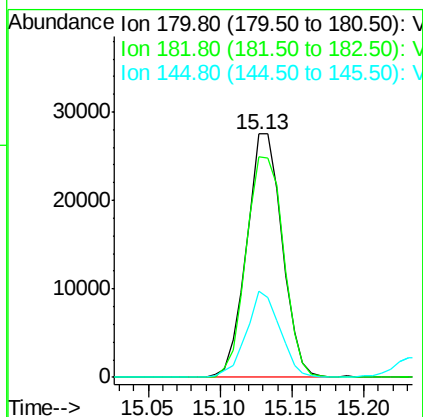
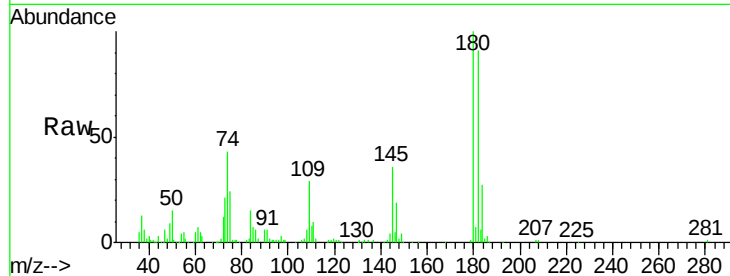




#93
 1,2,4-Trichlorobenzene
 Concen: 8.97 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

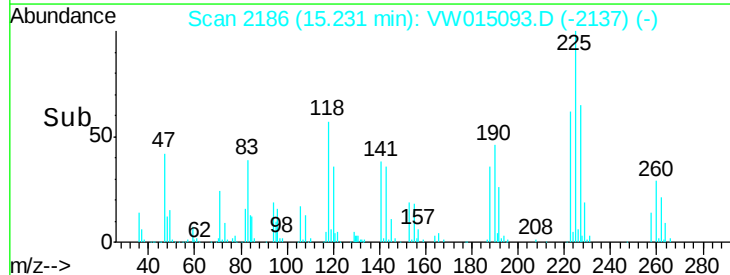
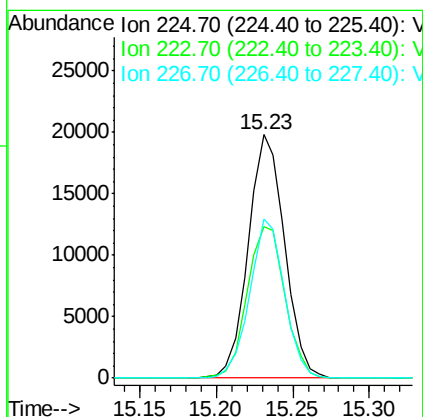
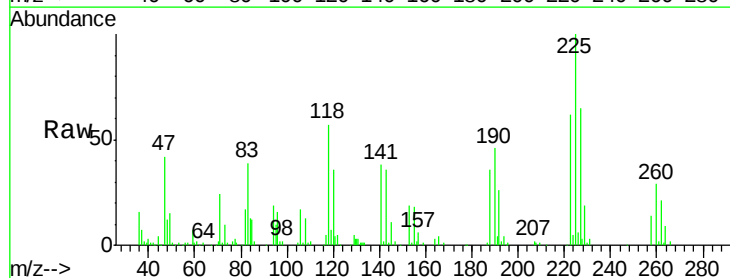
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

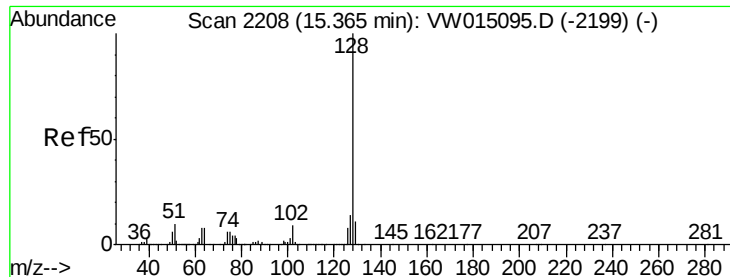
Tgt Ion:180 Resp: 47027
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.6 142.9
 145 33.4 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 9.95 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.00 min
 Lab File: VW015093.D
 Acq: 09 Mar 2020 11:02

Tgt Ion:225 Resp: 32748
 Ion Ratio Lower Upper
 225 100
 223 64.8 32.5 97.4
 227 62.3 33.0 99.0

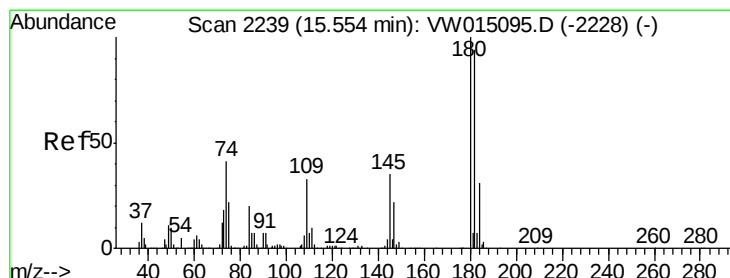
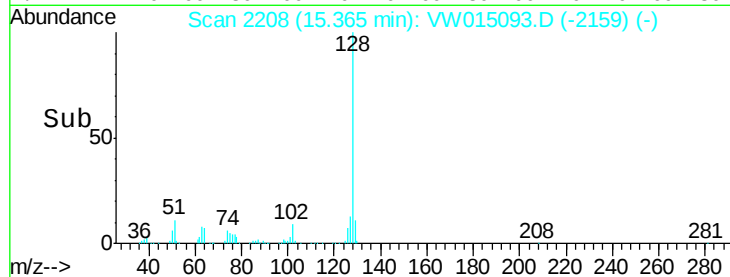
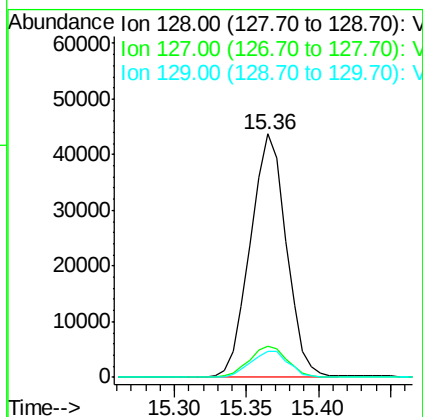
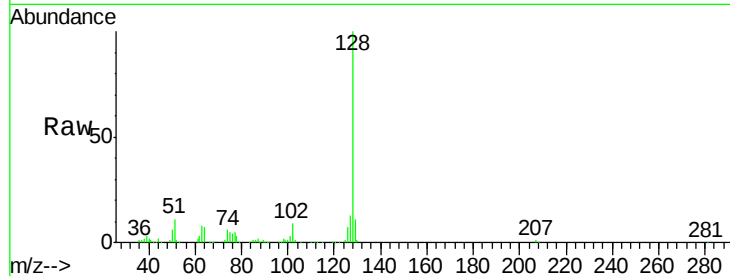




#95
Naphthalene
Concen: 7.75 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tgt Ion:128 Resp: 75840
Ion Ratio Lower Upper
128 100
127 14.1 10.7 16.1
129 11.3 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 9.34 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW015093.D
Acq: 09 Mar 2020 11:02

Tgt Ion:180 Resp: 43399
Ion Ratio Lower Upper
180 100
182 92.4 47.9 143.7
145 33.4 17.5 52.6

