

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015096.D
 Acq On : 09 Mar 2020 12:21
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 09 18:38:14 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	7.94	168	464783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	838974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	756385	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	350762	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	670207	98.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.14%	
35) Dibromofluoromethane	7.88	113	494451	98.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	196.88%	
50) Toluene-d8	10.32	98	2174371	103.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.74%	
62) 4-Bromofluorobenzene	12.62	95	753040	107.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	275400	97.72	ug/l	100
3) Chloromethane	2.21	50	528694	87.42	ug/l	98
4) Vinyl Chloride	2.36	62	707348	89.34	ug/l	99
5) Bromomethane	2.77	94	407134	89.96	ug/l	97
6) Chloroethane	2.92	64	423292	92.30	ug/l	98
7) Trichlorofluoromethane	3.25	101	374034	94.40	ug/l	99
8) Diethyl Ether	3.68	74	305492	101.19	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	546903	90.55	ug/l	99
10) Methyl Iodide	4.27	142	635965	94.64	ug/l	99
11) Tert butyl alcohol	5.16	59	187794	478.14	ug/l	99
12) 1,1-Dichloroethene	4.04	96	568500	96.27	ug/l	94
13) Acrolein	3.89	56	286304	498.43	ug/l	97
14) Allyl chloride	4.66	41	1190494	100.60	ug/l	100
15) Acrylonitrile	5.36	53	816213	527.42	ug/l	99
16) Acetone	4.12	43	774478	496.91	ug/l	99
17) Carbon Disulfide	4.38	76	1964979	93.85	ug/l	99
18) Methyl Acetate	4.67	43	380182	102.90	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	789006	104.37	ug/l	98
20) Methylene Chloride	4.91	84	609457	84.47	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	609327	97.18	ug/l	98
22) Diisopropyl ether	6.31	45	2297776	101.19	ug/l	98
23) Vinyl Acetate	6.25	43	7410831	552.85	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1252510	94.59	ug/l	99
25) 2-Butanone	7.17	43	1147619	537.11	ug/l	98
26) 2,2-Dichloropropane	7.16	77	680990	89.92	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	640610	98.14	ug/l	100
28) Bromochloromethane	7.51	49	606815	95.64	ug/l	100
29) Tetrahydrofuran	7.52	42	750450	561.52	ug/l	99
30) Chloroform	7.67	83	1099234	93.54	ug/l	97
31) Cyclohexane	7.95	56	1269122	93.19	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	864528	94.22	ug/l	99
36) 1,1-Dichloropropene	8.08	75	960704	98.74	ug/l	100
37) Ethyl Acetate	7.24	43	521769	107.60	ug/l	99
38) Carbon Tetrachloride	8.07	117	765894	96.70	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
 Data File : VW015096.D
 Acq On : 09 Mar 2020 12:21
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 09 18:38:14 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	9.33	83	1167687	104.96	ug/l	97
40) Benzene	8.32	78	2611842	96.60	ug/l	100
41) Methacrylonitrile	7.48	41	290777	113.38	ug/l	98
42) 1,2-Dichloroethane	8.40	62	803390	97.53	ug/l	100
43) Isopropyl Acetate	8.42	43	962523	110.72	ug/l	99
44) Trichloroethene	9.09	130	560196	97.33	ug/l	100
45) 1,2-Dichloropropane	9.37	63	711571	97.72	ug/l	100
46) Dibromomethane	9.46	93	312592	98.73	ug/l	99
47) Bromodichloromethane	9.64	83	840088	99.38	ug/l	99
48) Methyl methacrylate	9.43	41	461797	115.10	ug/l	98
49) 1,4-Dioxane	9.44	88	99161	2045.59	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	2560666	533.28	ug/l	99
52) Toluene	10.38	92	1564728	100.74	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	886307	106.58	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	1050271	103.67	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	438464	101.07	ug/l	98
56) Ethyl methacrylate	10.64	69	664833	118.76	ug/l	97
57) 1,3-Dichloropropane	10.93	76	848664	102.75	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1848923	562.91	ug/l	100
59) 2-Hexanone	10.96	43	1763033	587.83	ug/l	99
60) Dibromochloromethane	11.13	129	458437	102.31	ug/l	99
61) 1,2-Dibromoethane	11.23	107	397251	103.29	ug/l	99
64) Tetrachloroethene	10.86	164	421915	96.66	ug/l	98
65) Chlorobenzene	11.65	112	1481811	97.60	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	504204	99.73	ug/l	100
67) Ethyl Benzene	11.73	91	3076990	104.15	ug/l	99
68) m/p-Xylenes	11.84	106	2159598	206.78	ug/l	99
69) o-Xylene	12.16	106	997316	106.01	ug/l	99
70) Styrene	12.18	104	1739888	107.93	ug/l	99
71) Bromoform	12.35	173	236902	105.59	ug/l	98
73) Isopropylbenzene	12.46	105	2828678	105.57	ug/l	100
74) N-amyl acetate	12.27	43	931754	117.67	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	557236	102.42	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	750285	115.42	ug/l #	100
77) Bromobenzene	12.74	156	537838	101.56	ug/l	99
78) n-propylbenzene	12.80	91	3629056	104.22	ug/l	100
79) 2-Chlorotoluene	12.89	91	1996256	101.96	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	2373861	103.04	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	194940	111.07	ug/l	98
82) 4-Chlorotoluene	12.99	91	2091859	100.33	ug/l	100
83) tert-Butylbenzene	13.20	119	1982651	106.23	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	2399698	104.17	ug/l	99
85) sec-Butylbenzene	13.38	105	2947686	104.36	ug/l	100
86) p-Isopropyltoluene	13.49	119	2548812	104.98	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	1105759	98.54	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1060398	95.97	ug/l	99
89) n-Butylbenzene	13.82	91	2781434	106.23	ug/l	99
90) Hexachloroethane	14.09	117	483404	99.28	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	966448	98.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	94041	107.64	ug/l	99

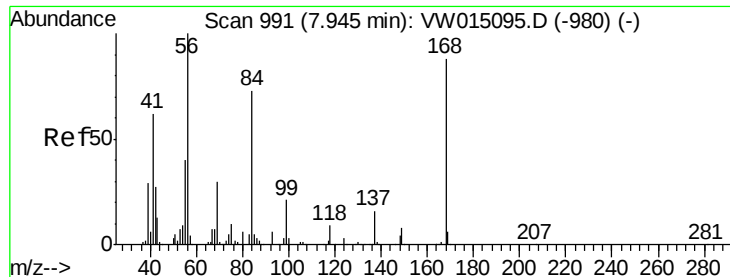
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030920\
Data File : VW015096.D
Acq On : 09 Mar 2020 12:21
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Quant Time: Mar 09 18:38:14 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	609867	108.44	ug/l	99
94) Hexachlorobutadiene	15.23	225	344773	97.64	ug/l	97
95) Naphthalene	15.36	128	1300984	123.89	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	535592	107.37	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

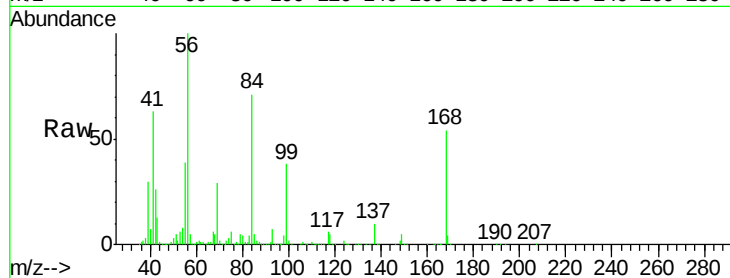
VSTDIC100

Tgt Ion:168 Resp: 464783

Ion Ratio Lower Upper

168 100

99 70.4 57.2 85.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.94

250000

200000

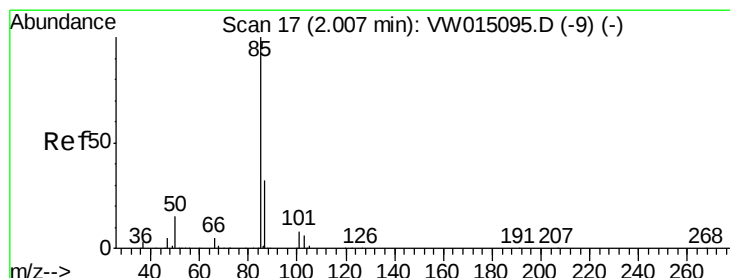
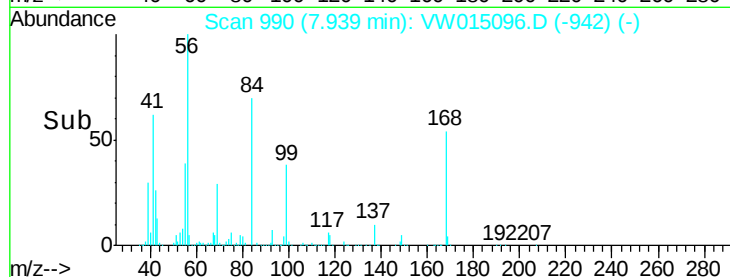
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 97.72 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW015096.D

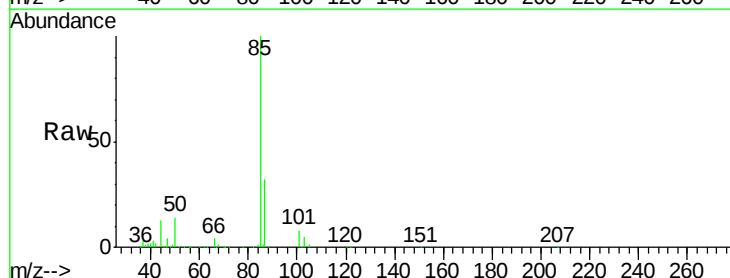
Acq: 09 Mar 2020 12:21

Tgt Ion: 85 Resp: 275400

Ion Ratio Lower Upper

85 100

87 32.1 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

120000

100000

80000

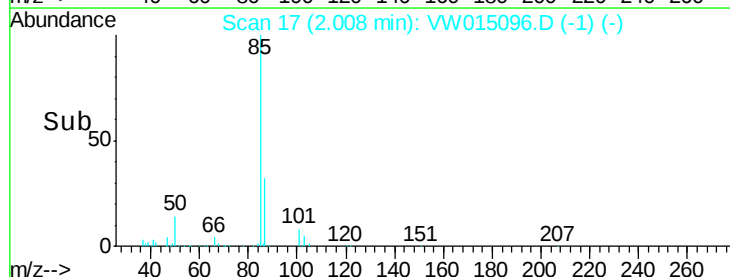
60000

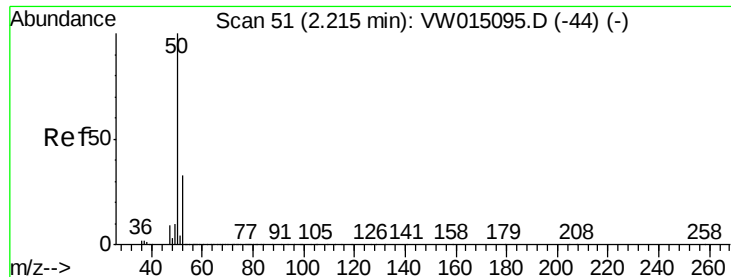
40000

20000

0

Time-->





#3

Chloromethane

Concen: 87.42 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

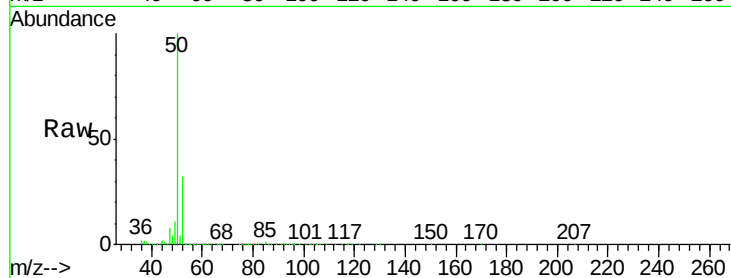
VSTDIC100

Tgt Ion: 50 Resp: 528694

Ion Ratio Lower Upper

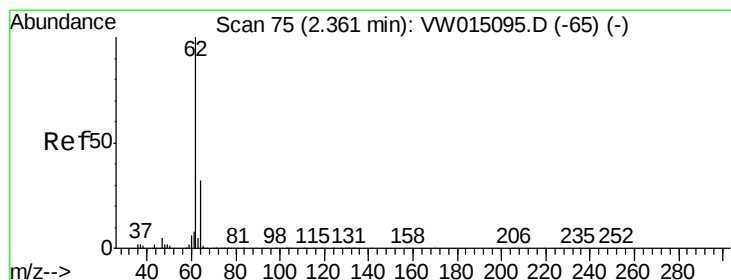
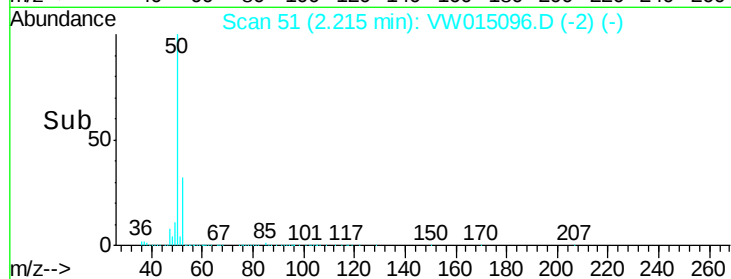
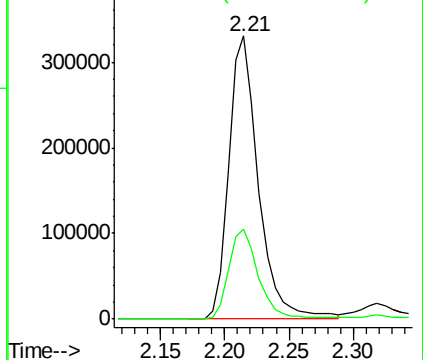
50 100

52 32.0 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 89.34 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015096.D

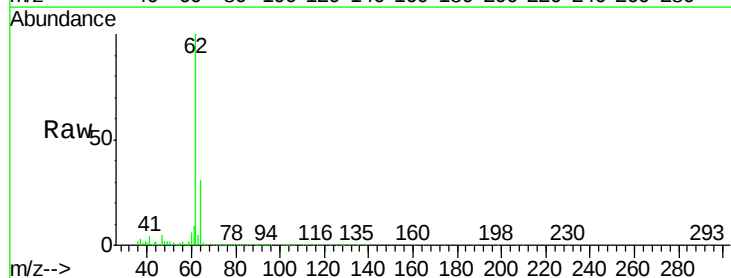
Acq: 09 Mar 2020 12:21

Tgt Ion: 62 Resp: 707348

Ion Ratio Lower Upper

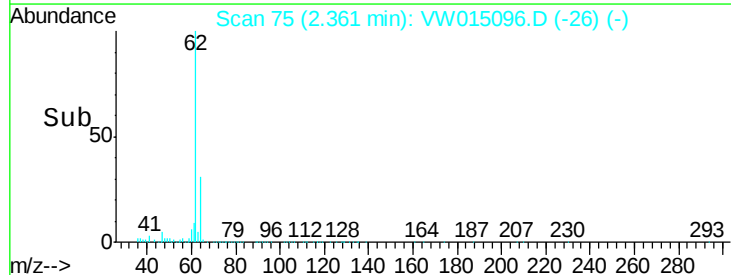
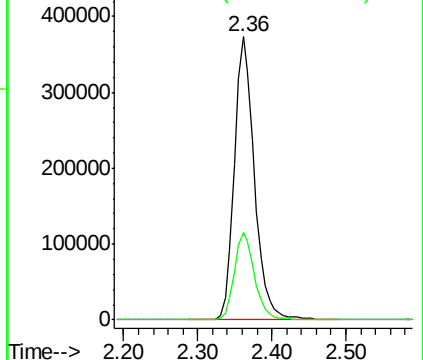
62 100

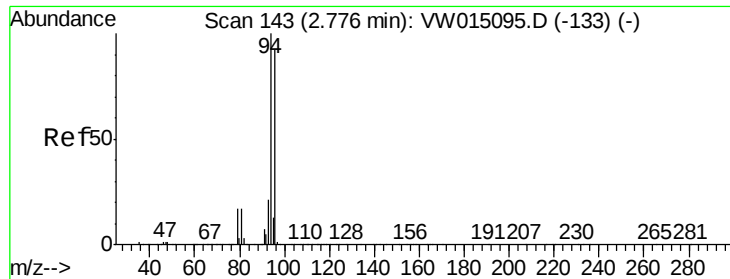
64 30.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 89.96 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

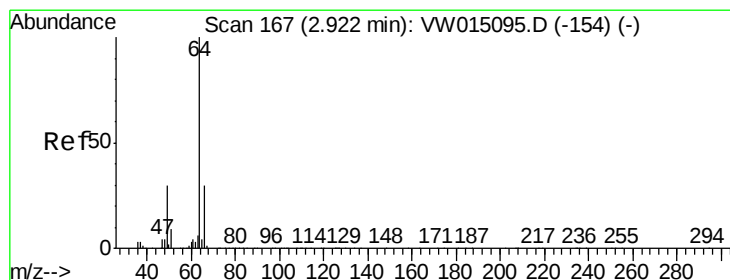
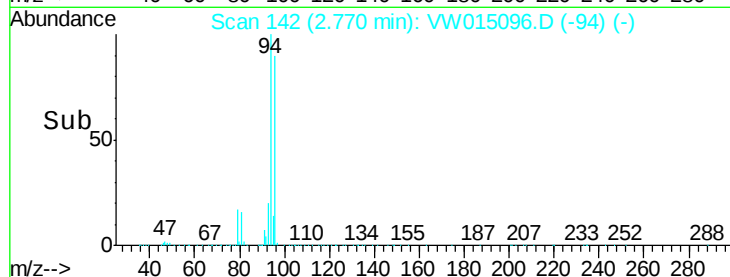
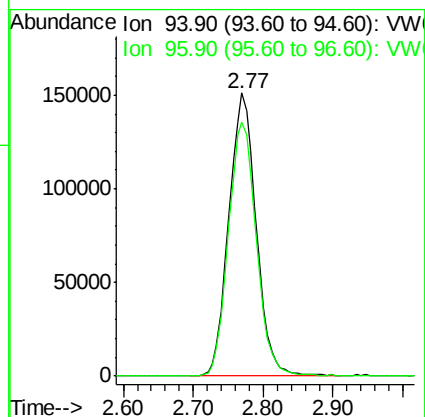
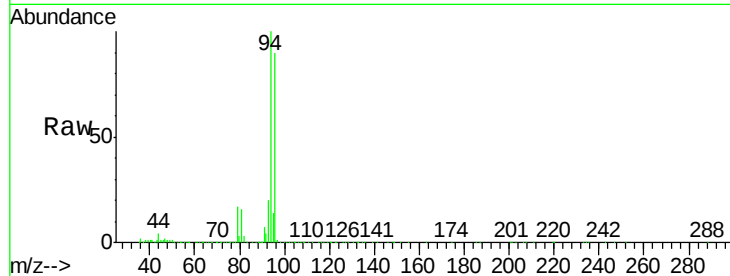
VSTDIC100

Tgt Ion: 94 Resp: 407134

Ion Ratio Lower Upper

94 100

96 89.7 74.0 111.0



#6

Chloroethane

Concen: 92.30 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015096.D

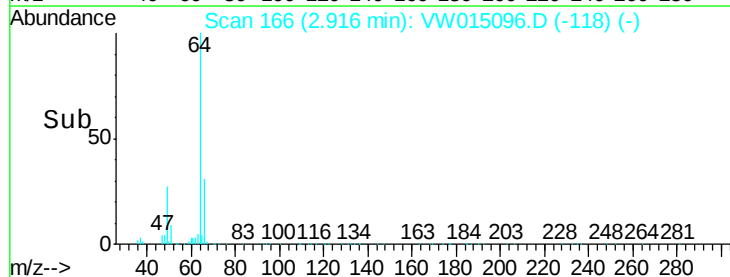
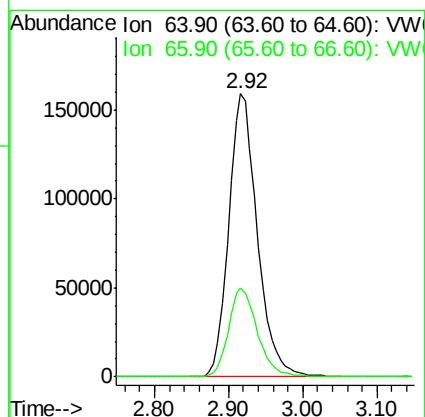
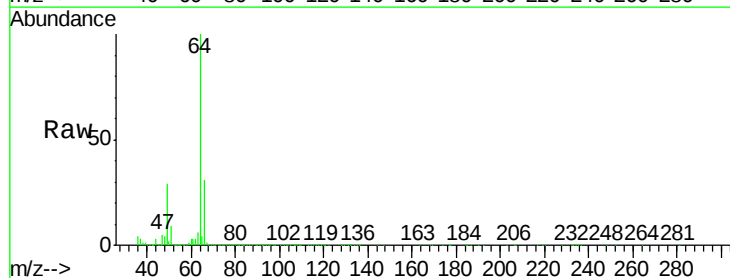
Acq: 09 Mar 2020 12:21

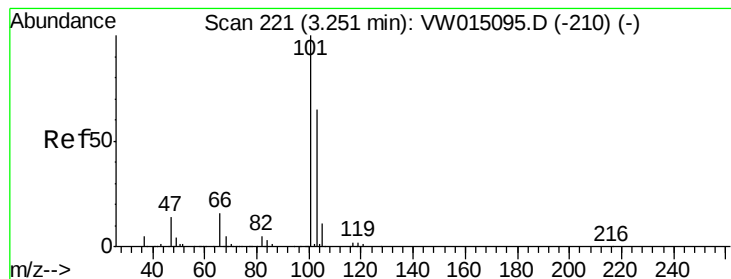
Tgt Ion: 64 Resp: 423292

Ion Ratio Lower Upper

64 100

66 31.3 24.2 36.2



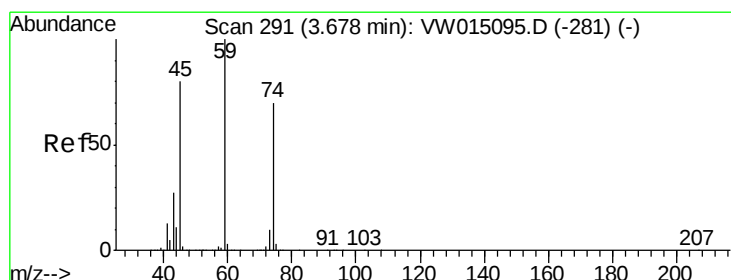
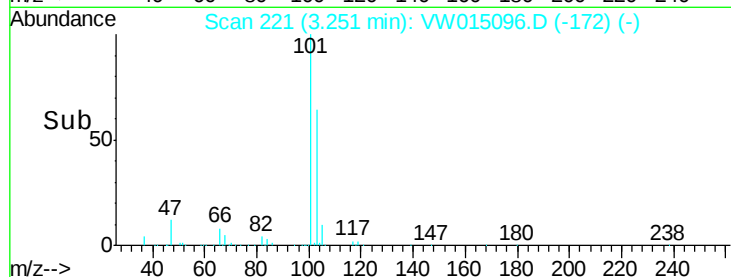
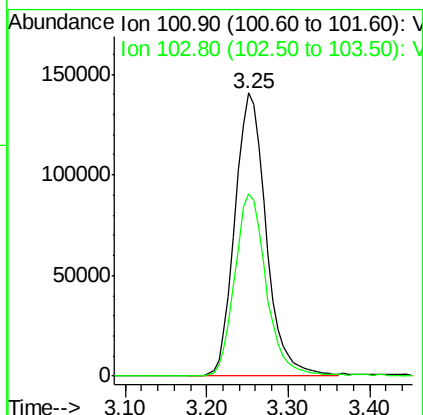
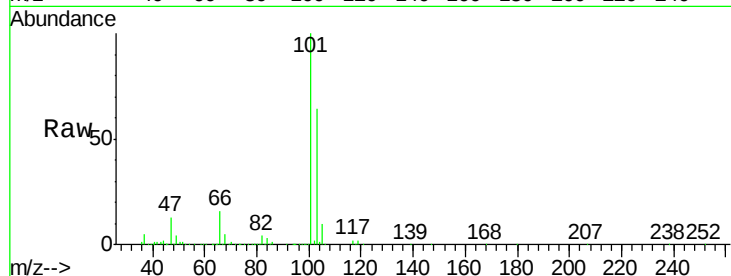


#7

Trichlorofluoromethane
 Concen: 94.40 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

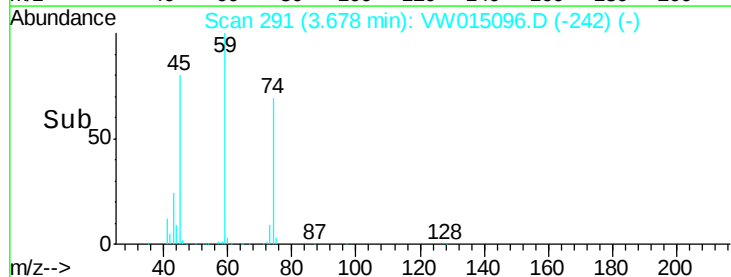
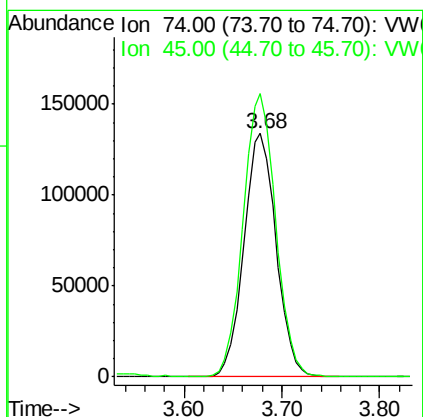
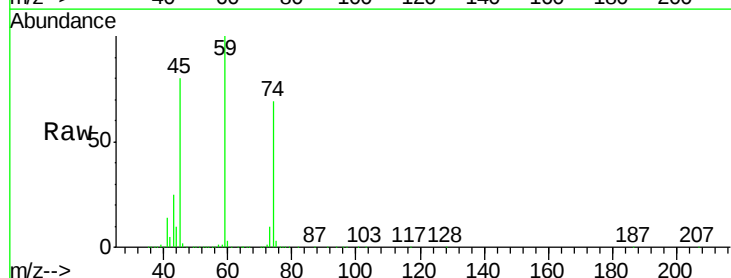
Tgt Ion:101 Resp: 374034
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.8 77.6

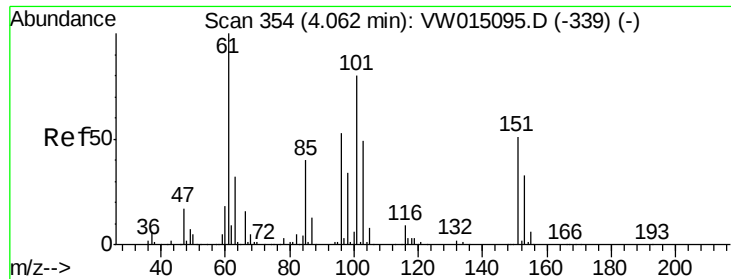


#8

Diethyl Ether
 Concen: 101.19 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion: 74 Resp: 305492
 Ion Ratio Lower Upper
 74 100
 45 117.7 59.2 177.5

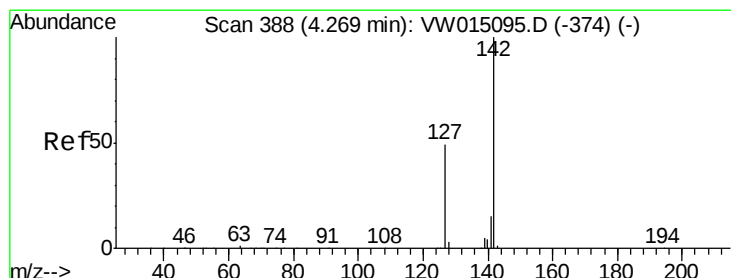
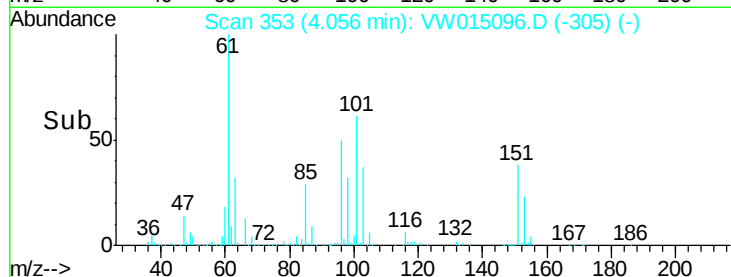
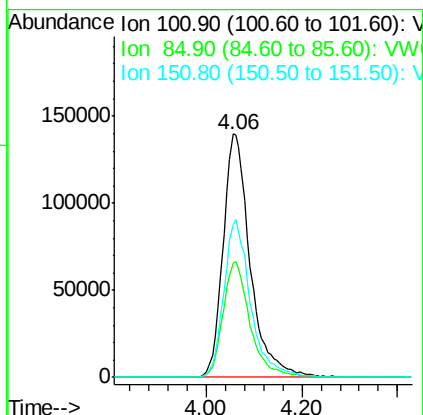
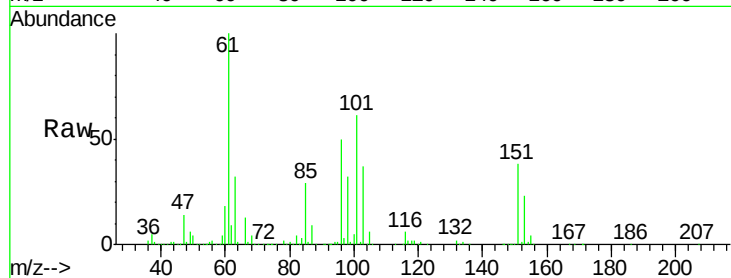




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 90.55 ug/l
 RT: 4.06 min Scan# 353
 Delta R.T. -0.01 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

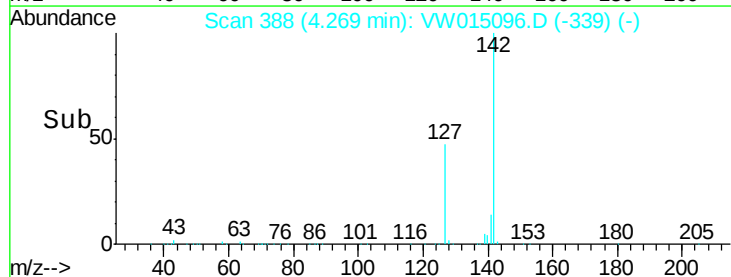
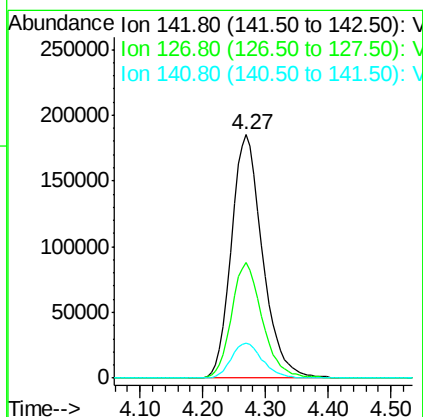
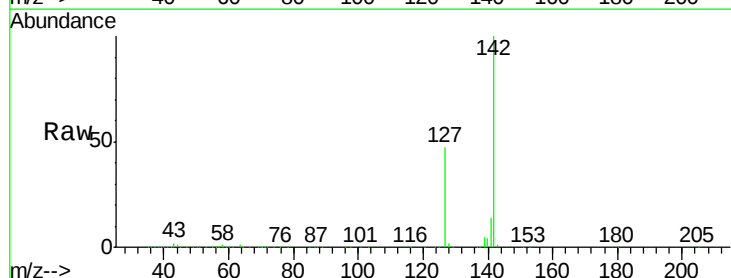
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

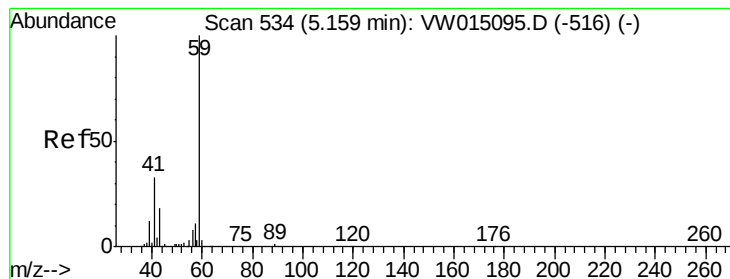
Tgt Ion:101 Resp: 546903
 Ion Ratio Lower Upper
 101 100
 85 47.8 39.0 58.4
 151 64.1 50.8 76.2



#10
 Methyl Iodide
 Concen: 94.64 ug/l
 RT: 4.27 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion:142 Resp: 635965
 Ion Ratio Lower Upper
 142 100
 127 47.1 38.2 57.4
 141 14.6 12.0 18.0





#11

Tert butyl alcohol

Concen: 478.14 ug/l

RT: 5.16 min Scan# 534

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

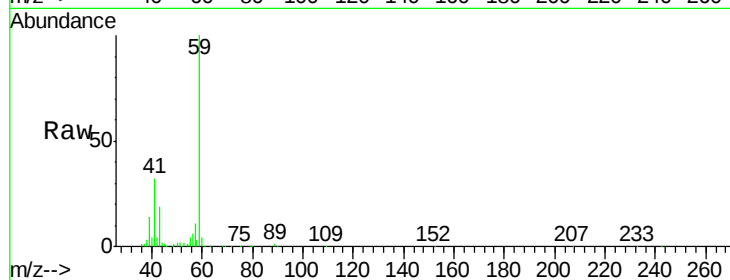
VSTDIC100

Tgt Ion: 59 Resp: 187794

Ion Ratio Lower Upper

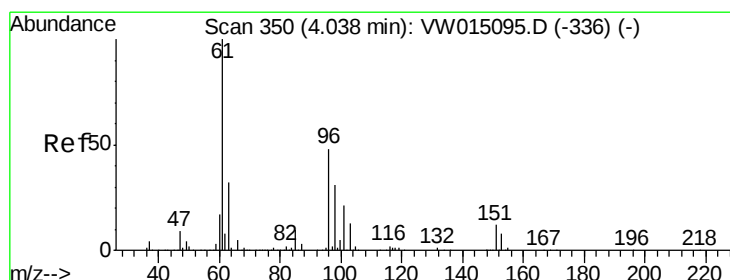
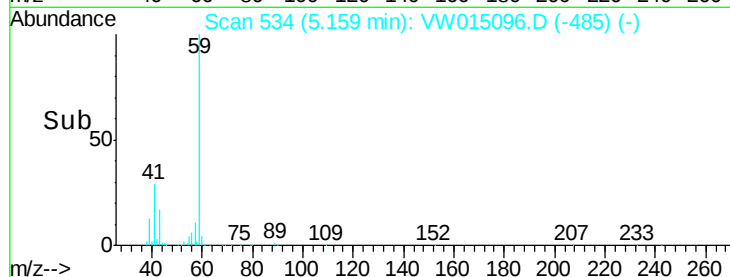
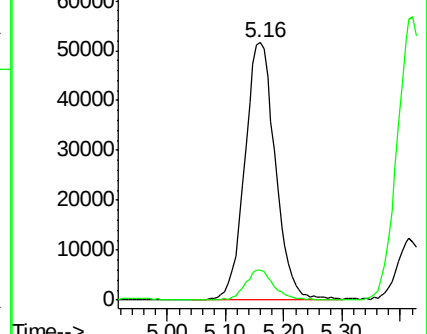
59 100

57 11.1 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: 96.27 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

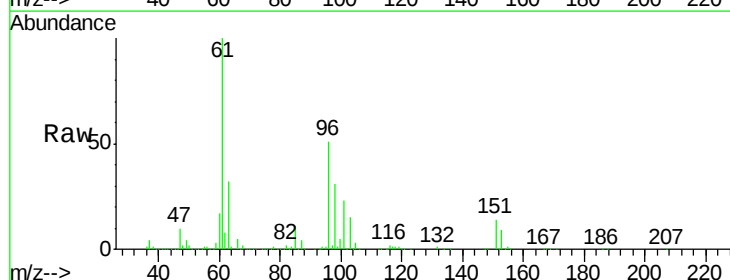
Tgt Ion: 96 Resp: 568500

Ion Ratio Lower Upper

96 100

61 196.6 165.5 248.3

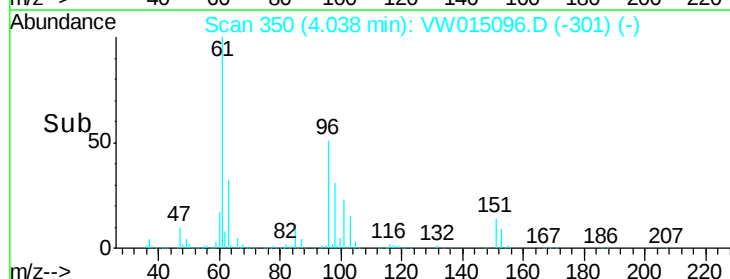
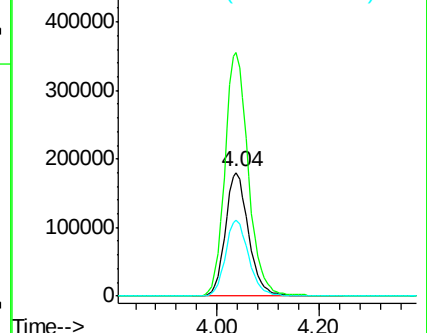
98 61.2 51.1 76.7

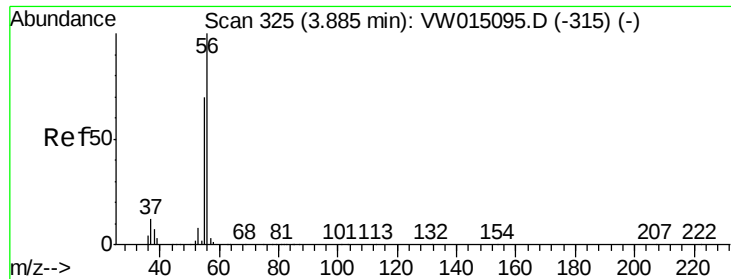


Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW

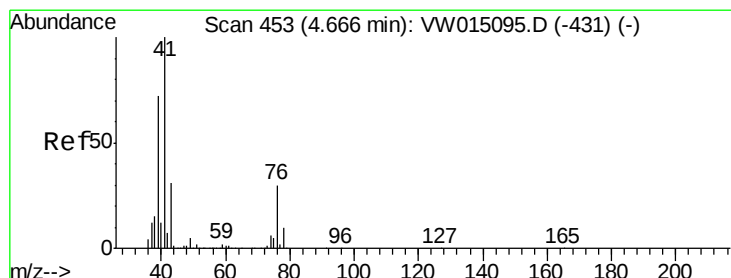
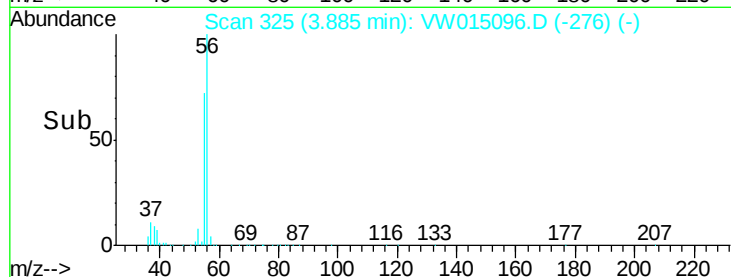
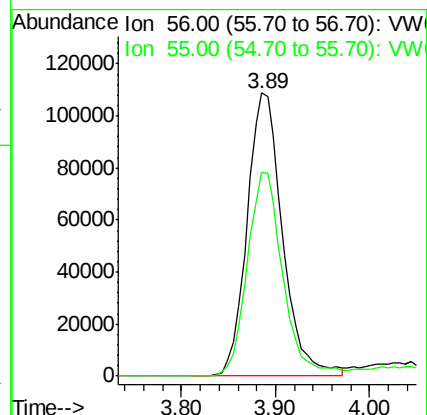
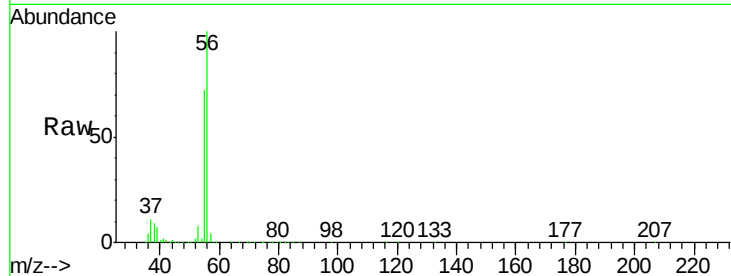




#13
Acrolein
Concen: 498.43 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

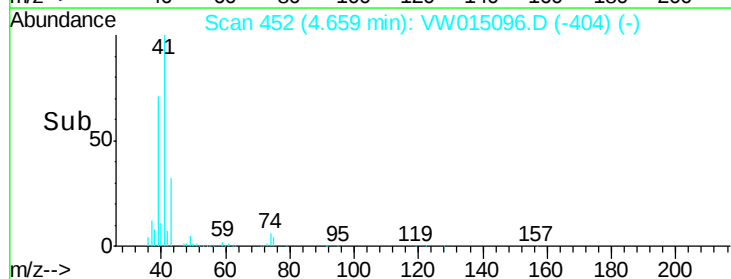
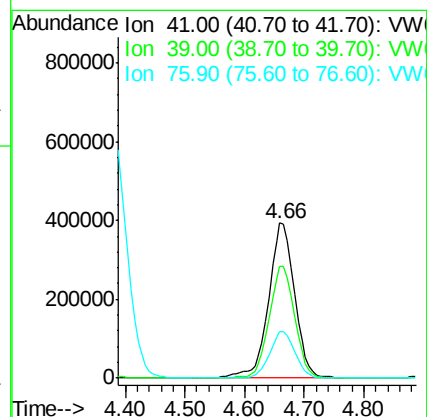
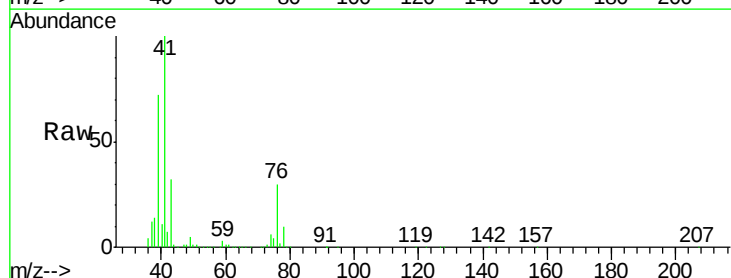
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

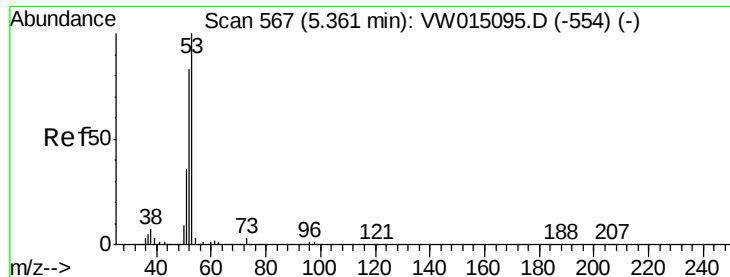
Tgt Ion: 56 Resp: 286304
Ion Ratio Lower Upper
56 100
55 71.7 55.4 83.2



#14
Allyl chloride
Concen: 100.60 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion: 41 Resp: 1190494
Ion Ratio Lower Upper
41 100
39 70.7 56.9 85.3
76 28.8 23.2 34.8





#15

Acrylonitrile

Concen: 527.42 ug/l

RT: 5.36 min Scan# 567

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

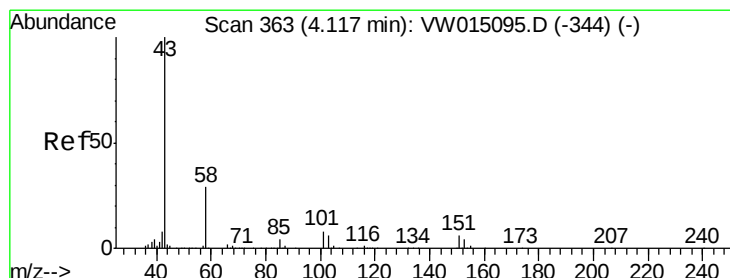
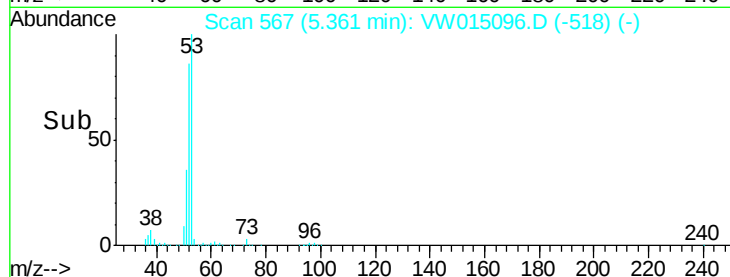
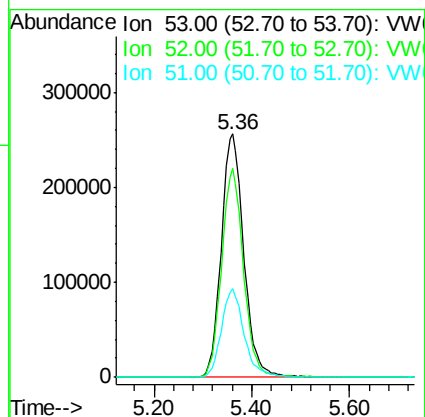
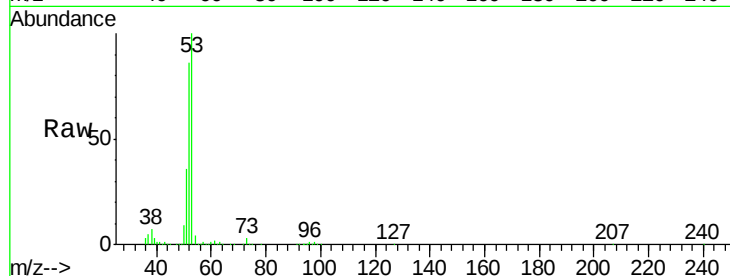
Tgt Ion: 53 Resp: 816213

Ion Ratio Lower Upper

53 100

52 83.1 67.2 100.8

51 36.8 29.8 44.6



#16

Acetone

Concen: 496.91 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW015096.D

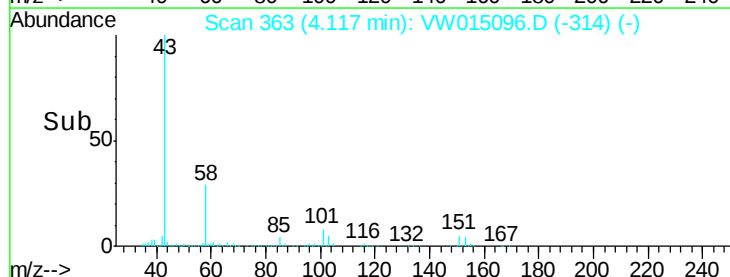
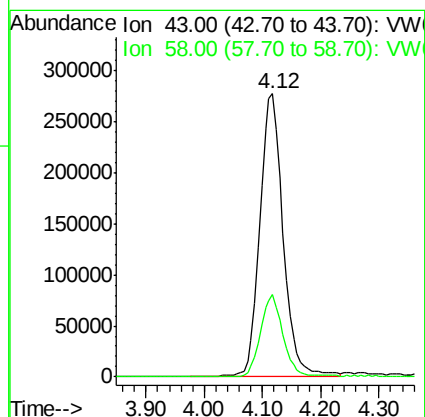
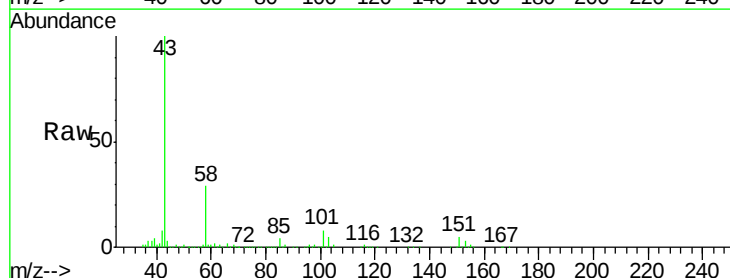
Acq: 09 Mar 2020 12:21

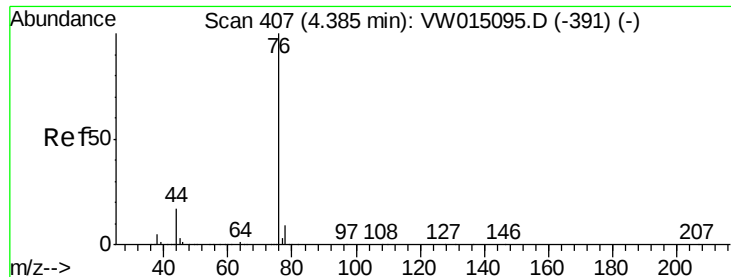
Tgt Ion: 43 Resp: 774478

Ion Ratio Lower Upper

43 100

58 28.9 22.9 34.3

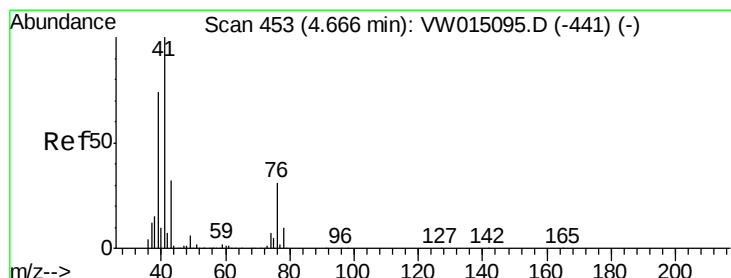
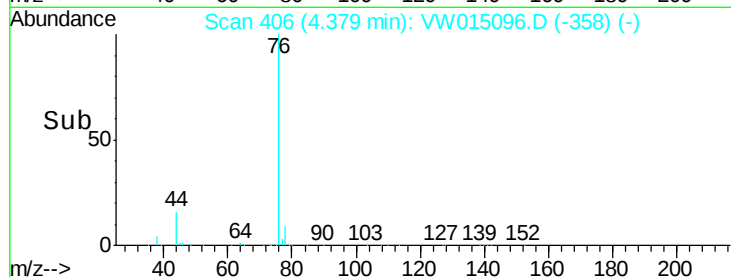
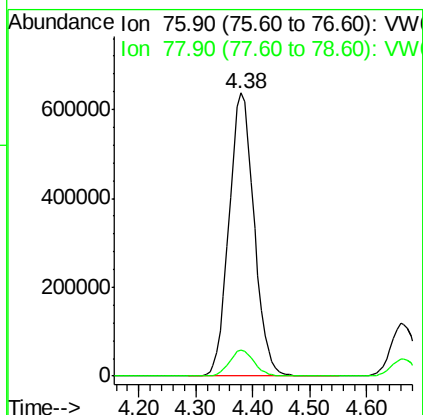
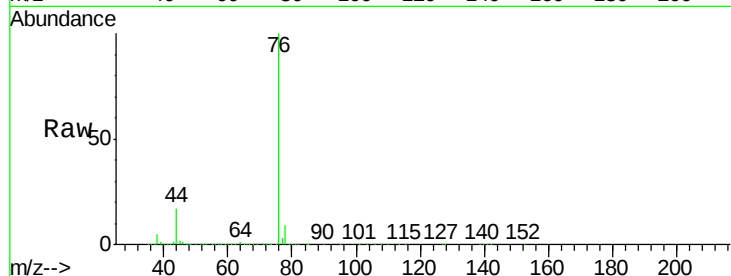




#17
Carbon Disulfide
Concen: 93.85 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

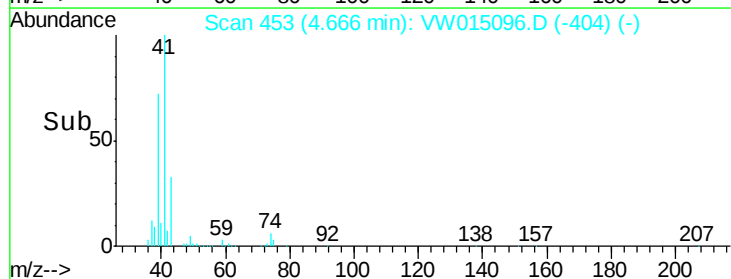
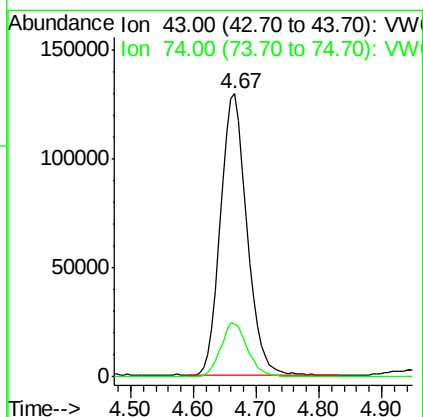
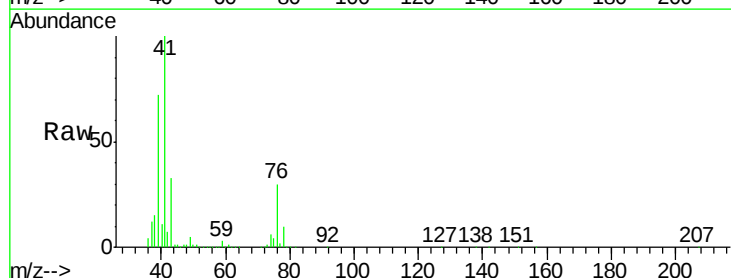
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

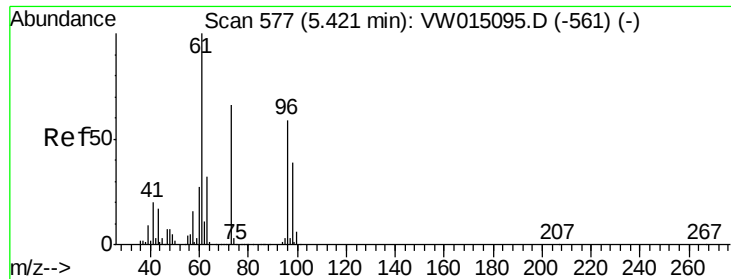
Tgt Ion: 76 Resp: 1964979
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 102.90 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion: 43 Resp: 380182
Ion Ratio Lower Upper
43 100
74 19.6 15.8 23.6

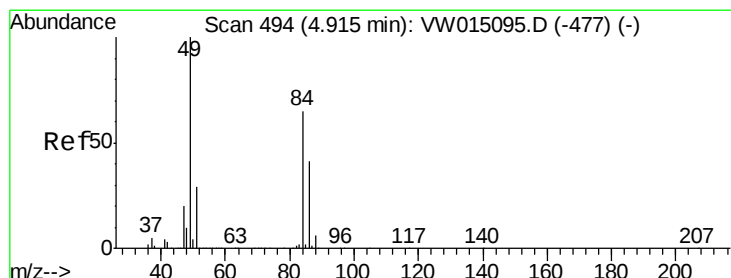
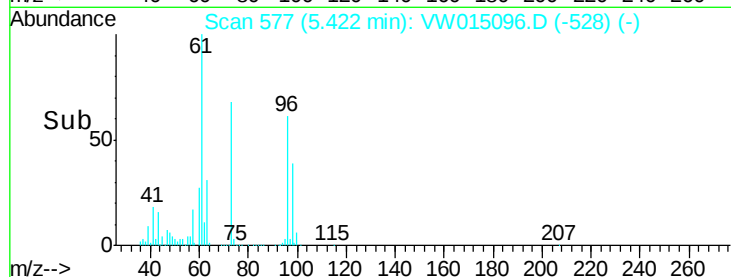
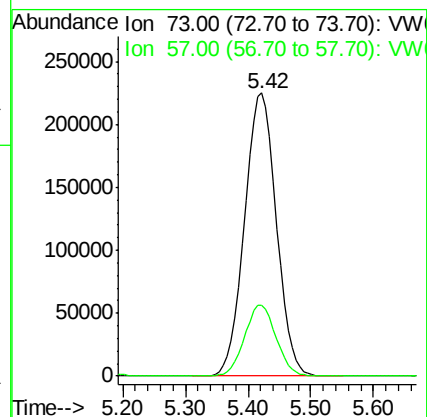
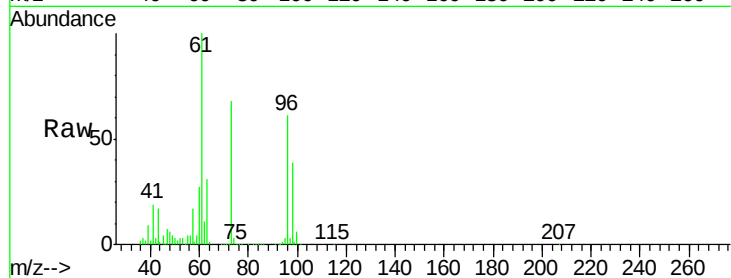




#19
Methyl tert-butyl Ether
Concen: 104.37 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

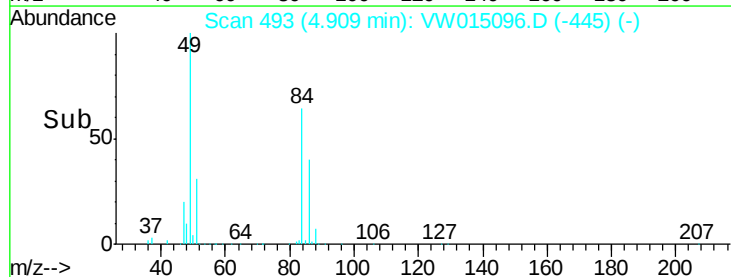
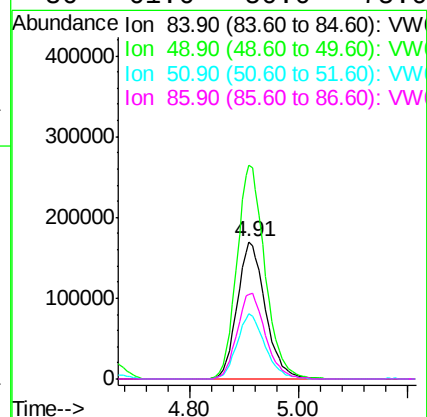
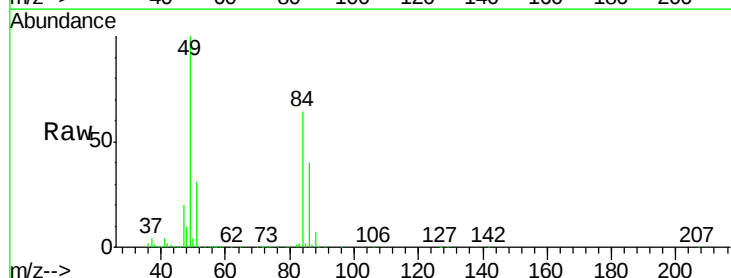
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

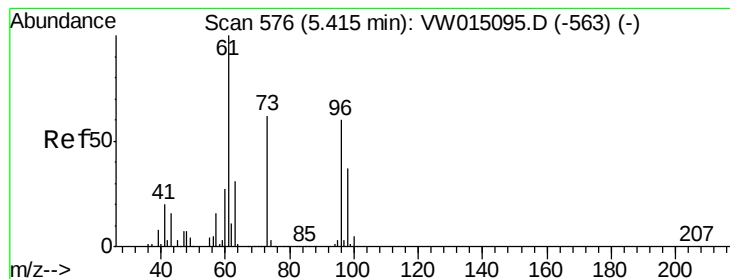
Tgt Ion: 73 Resp: 789006
Ion Ratio Lower Upper
73 100
57 25.2 19.3 28.9



#20
Methylene Chloride
Concen: 84.47 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion: 84 Resp: 609457
Ion Ratio Lower Upper
84 100
49 155.7 122.8 184.2
51 47.9 35.9 53.9
86 61.6 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 97.18 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

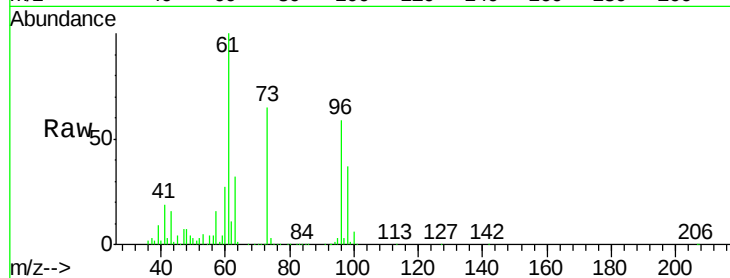
Tgt Ion: 96 Resp: 609327

Ion Ratio Lower Upper

96 100

61 168.1 132.5 198.7

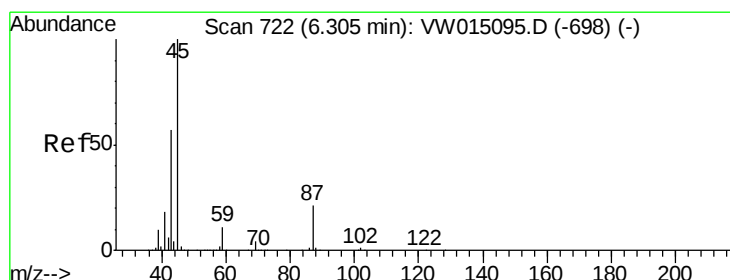
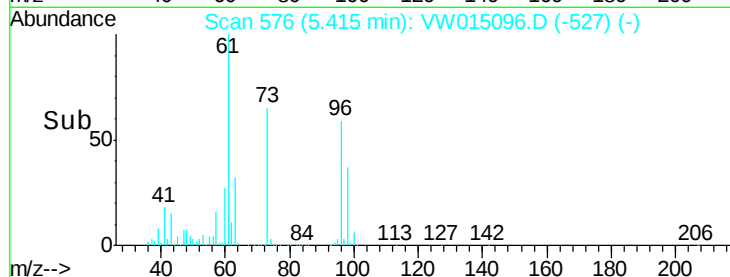
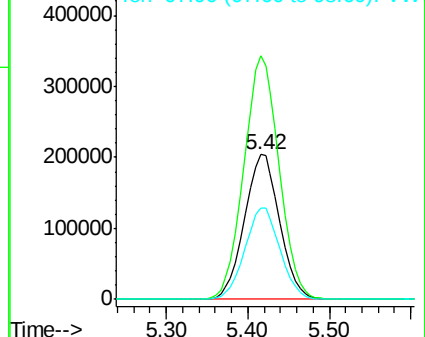
98 62.8 48.9 73.3



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 101.19 ug/l

RT: 6.31 min Scan# 722

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Tgt Ion: 45 Resp: 2297776

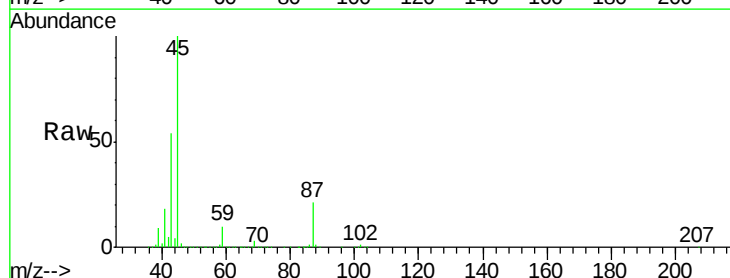
Ion Ratio Lower Upper

45 100

43 54.1 45.4 68.0

87 20.7 16.4 24.6

59 10.3 8.4 12.6

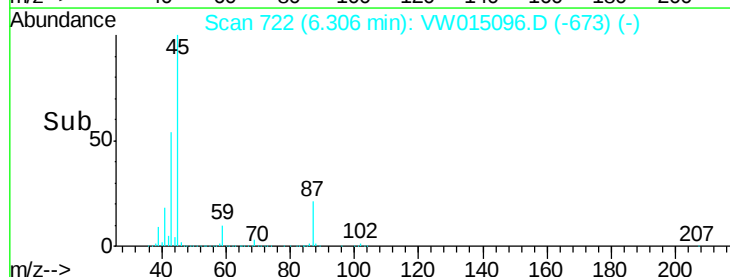
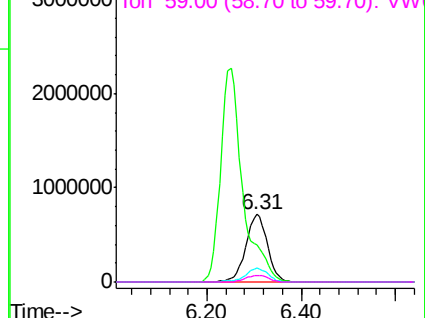


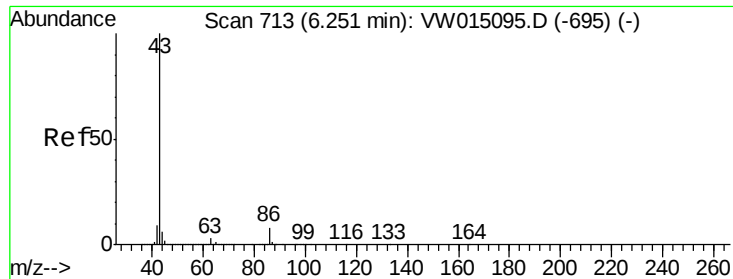
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 552.85 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

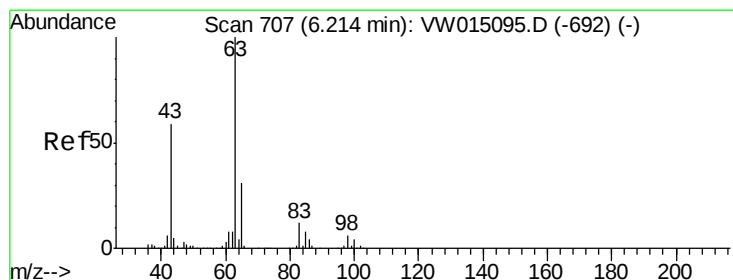
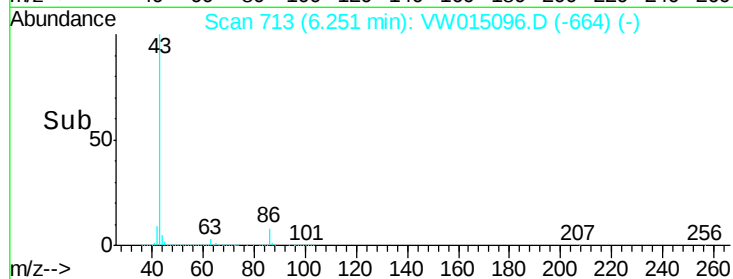
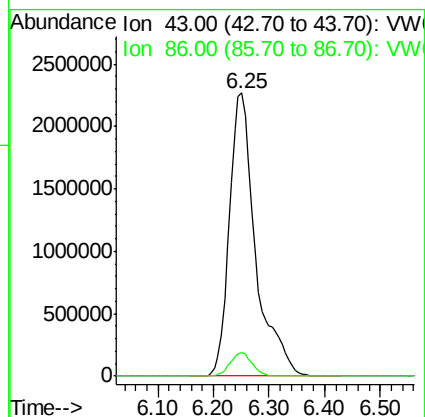
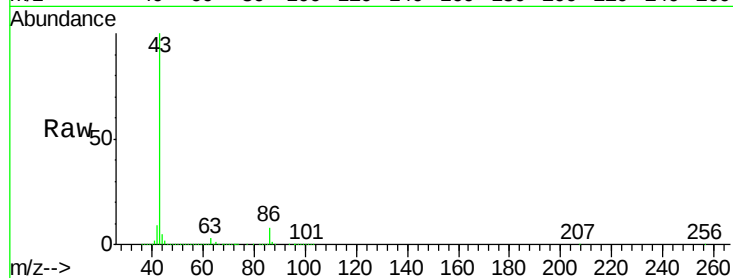
VSTDIC100

Tgt Ion: 43 Resp: 7410831

Ion Ratio Lower Upper

43 100

86 8.3 6.3 9.5



#24

1,1-Dichloroethane

Concen: 94.59 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

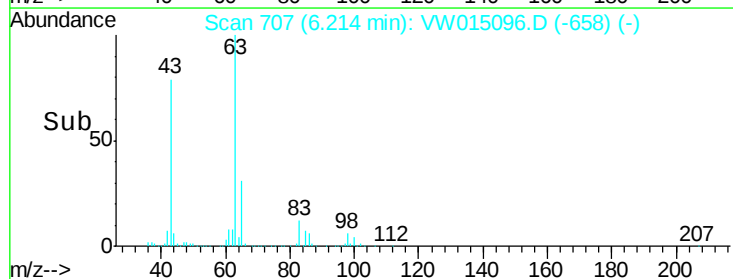
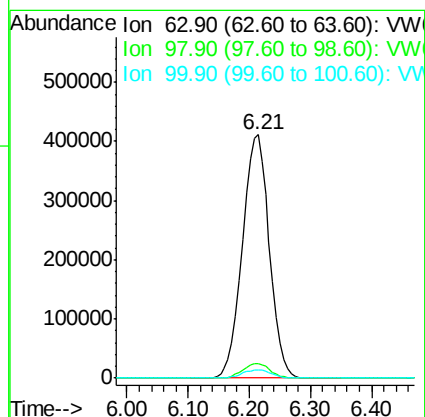
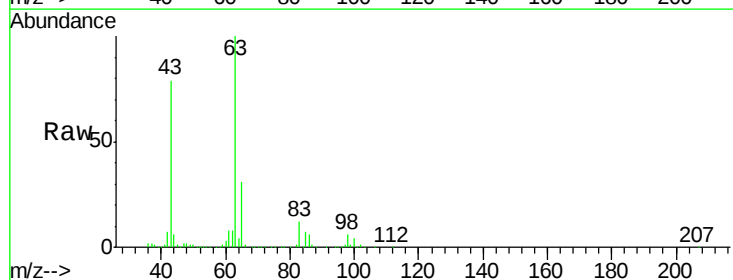
Tgt Ion: 63 Resp: 1252510

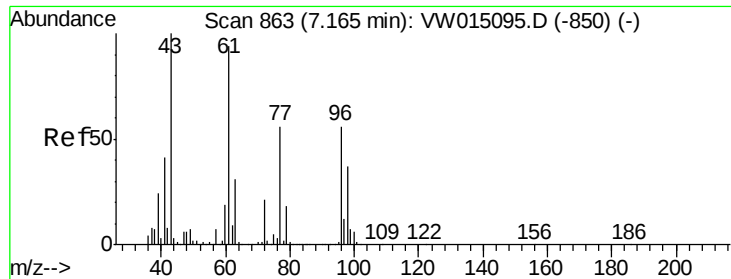
Ion Ratio Lower Upper

63 100

98 6.0 2.9 8.8

100 3.5 2.1 6.3





#25

2-Butanone

Concen: 537.11 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

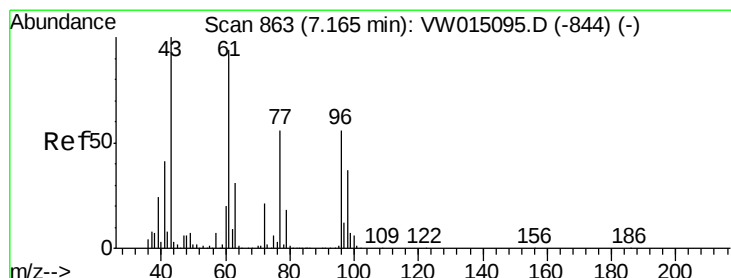
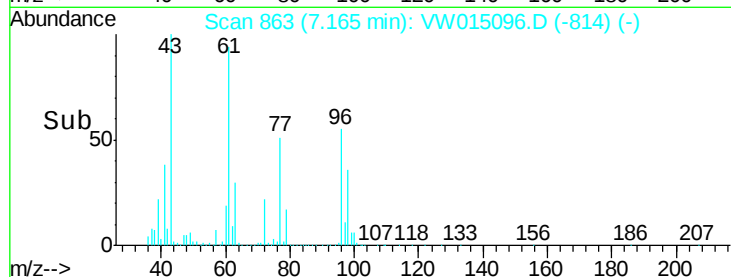
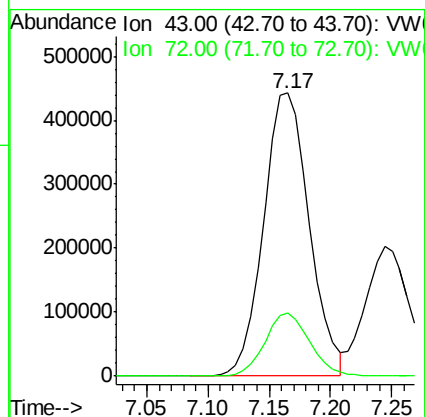
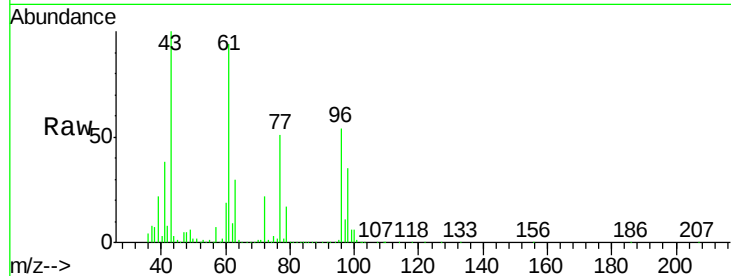
VSTDIC100

Tgt Ion: 43 Resp: 1147619

Ion Ratio Lower Upper

43 100

72 22.2 17.0 25.6



#26

2,2-Dichloropropane

Concen: 89.92 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW015096.D

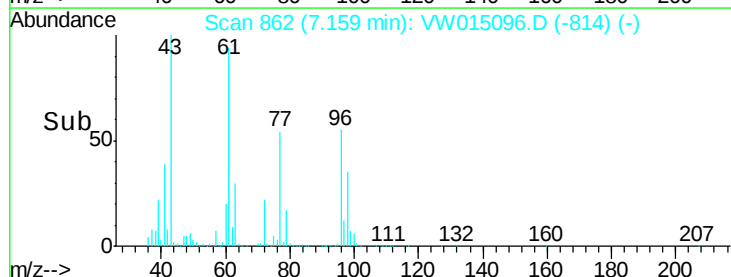
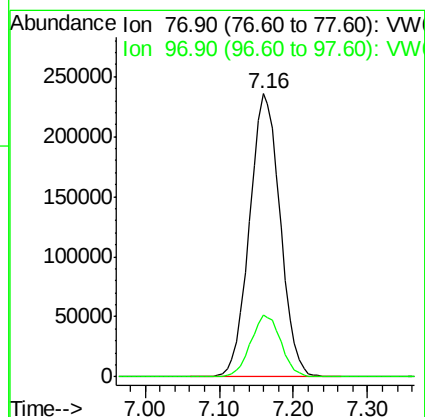
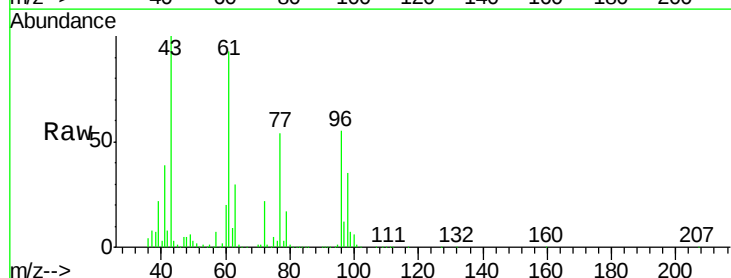
Acq: 09 Mar 2020 12:21

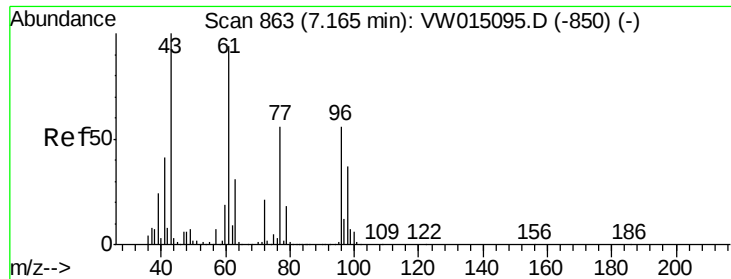
Tgt Ion: 77 Resp: 680990

Ion Ratio Lower Upper

77 100

97 21.6 10.6 31.8

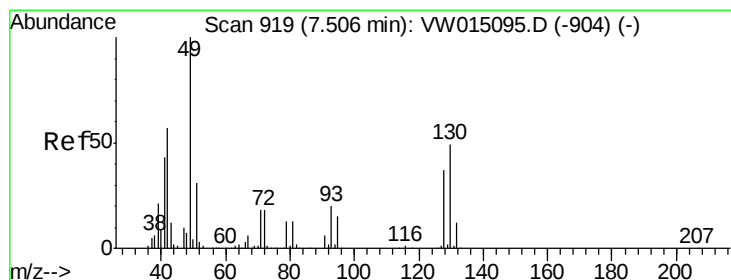
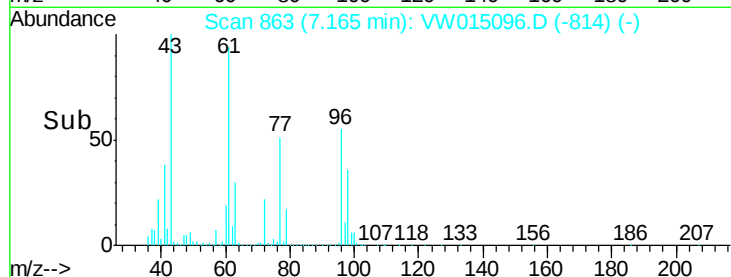
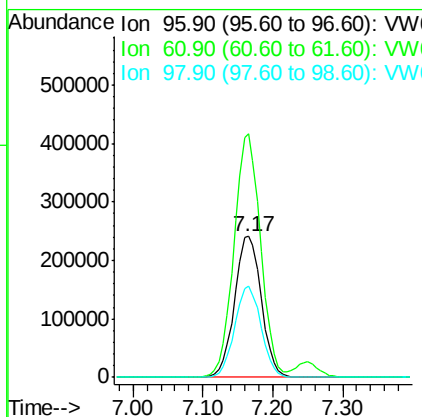
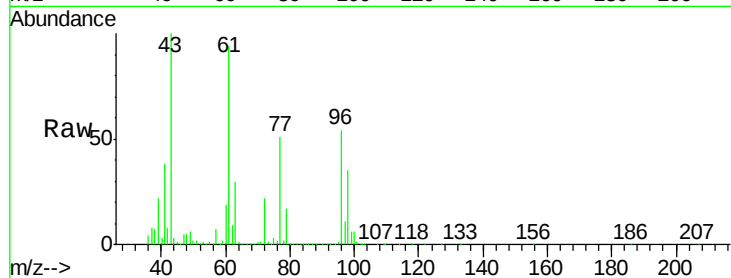




#27
 cis-1,2-Dichloroethene
 Concen: 98.14 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

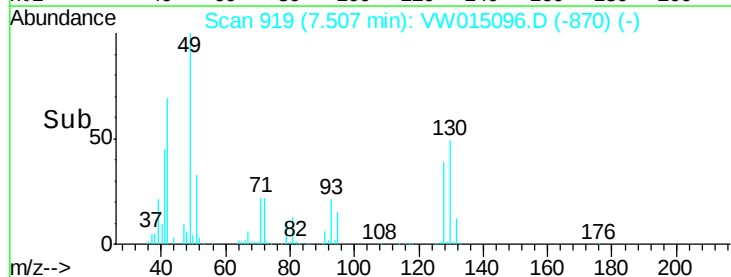
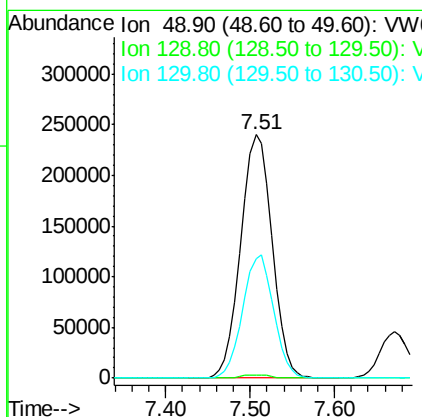
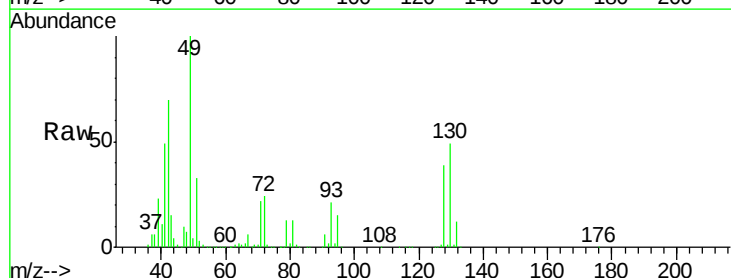
Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC100

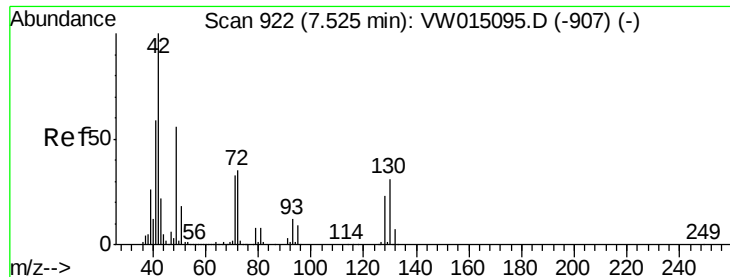
Tgt Ion: 96 Resp: 640610
 Ion Ratio Lower Upper
 96 100
 61 171.5 0.0 343.4
 98 63.7 0.0 127.6



#28
 Bromochloromethane
 Concen: 95.64 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion: 49 Resp: 606815
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 3.0
 130 49.5 39.8 59.6





#29

Tetrahydrofuran

Concen: 561.52 ug/l

RT: 7.52 min Scan# 922

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

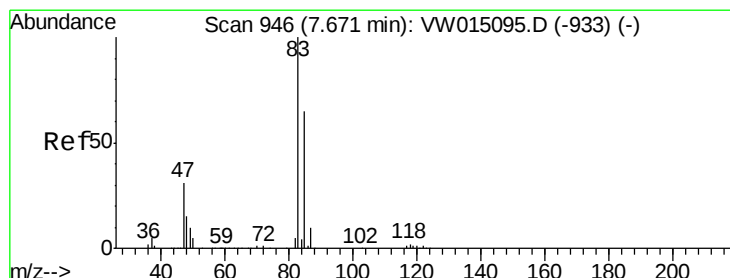
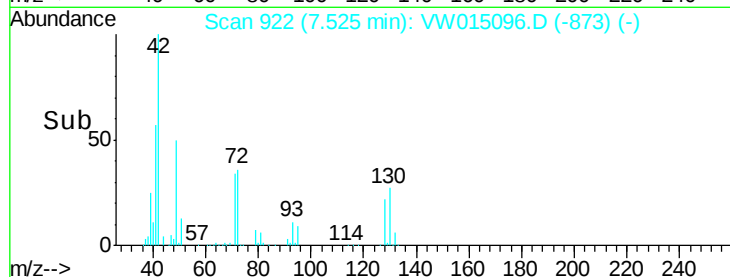
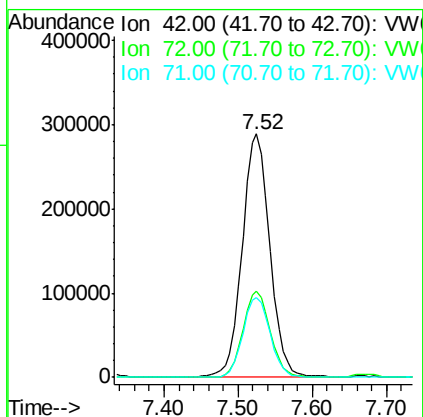
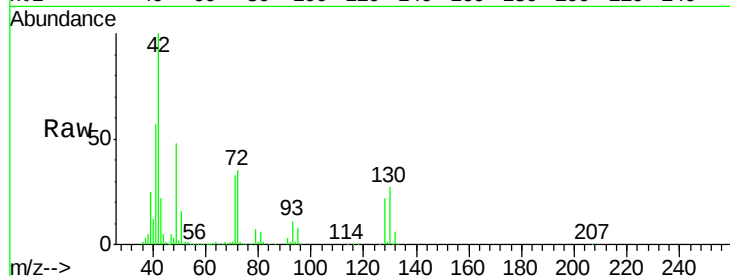
Tgt Ion: 42 Resp: 750450

Ion Ratio Lower Upper

42 100

72 34.9 27.8 41.6

71 32.6 26.4 39.6



#30

Chloroform

Concen: 93.54 ug/l

RT: 7.67 min Scan# 946

Delta R.T. 0.00 min

Lab File: VW015096.D

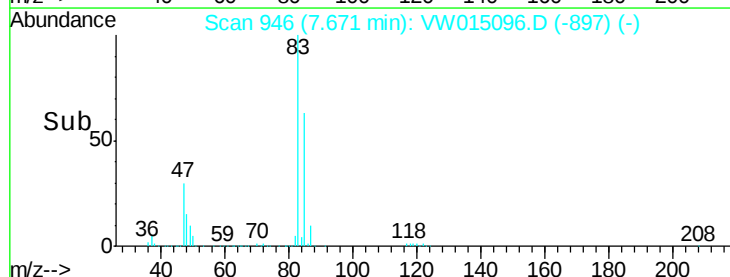
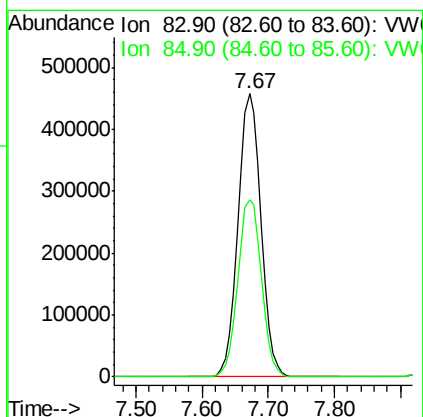
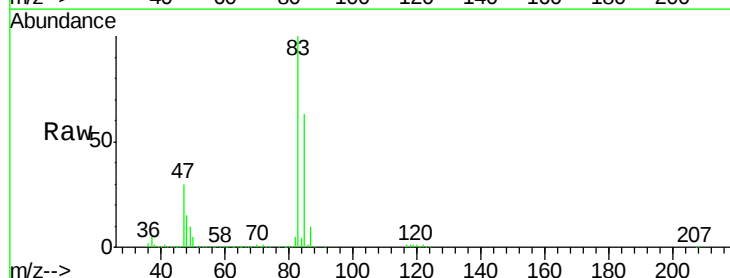
Acq: 09 Mar 2020 12:21

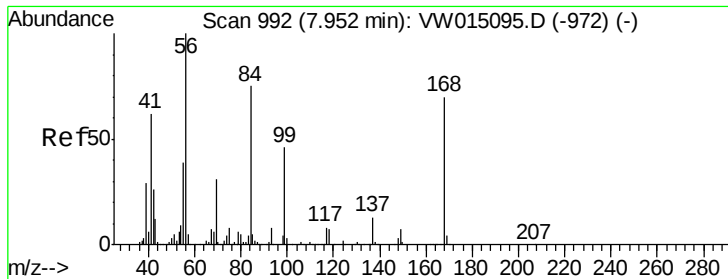
Tgt Ion: 83 Resp: 1099234

Ion Ratio Lower Upper

83 100

85 62.6 51.9 77.9

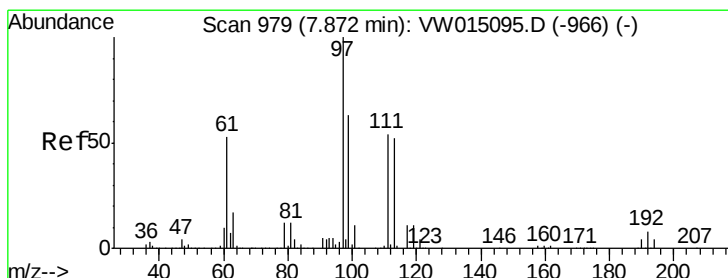
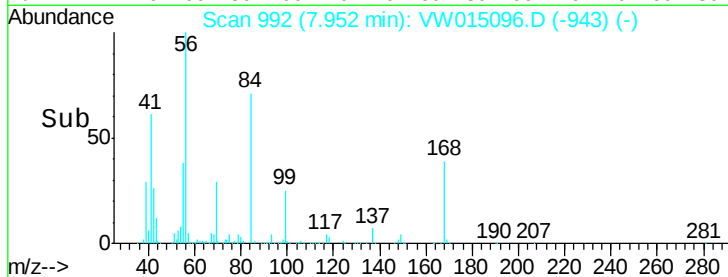
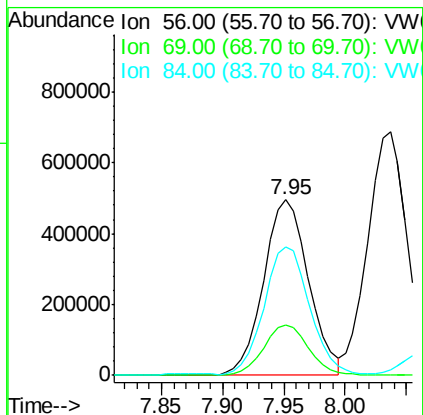
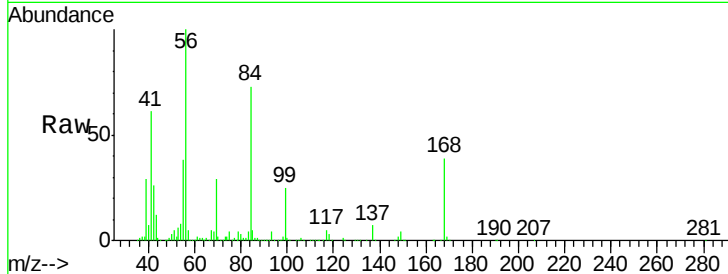




#31
Cyclohexane
Concen: 93.19 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

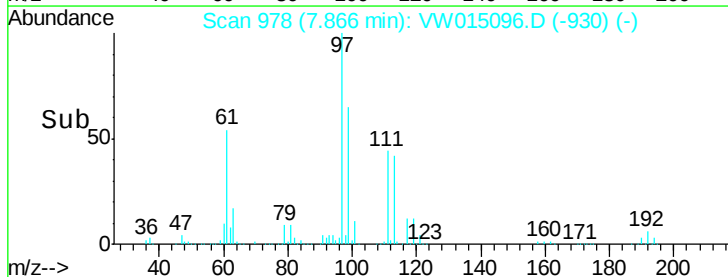
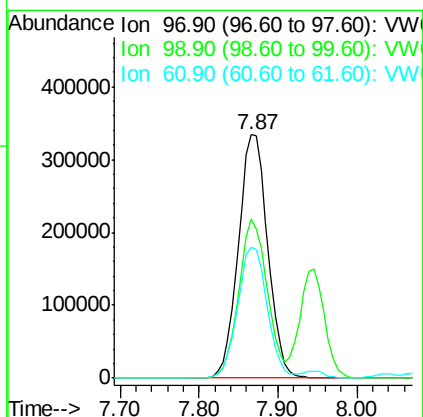
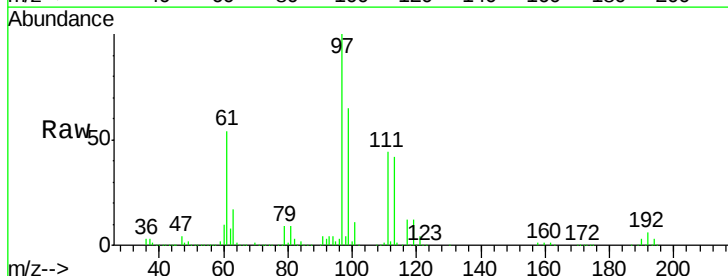
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

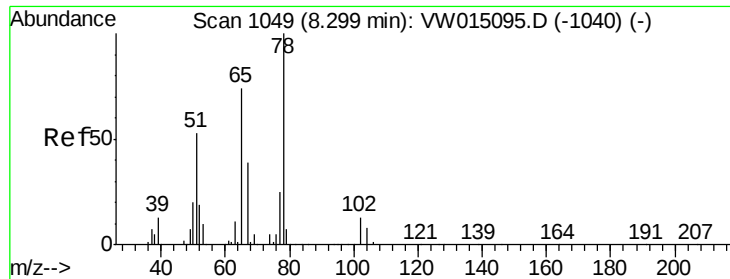
Tgt Ion: 56 Resp: 1269122
Ion Ratio Lower Upper
56 100
69 28.9 24.6 37.0
84 72.3 59.9 89.9



#32
1,1,1-Trichloroethane
Concen: 94.22 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion: 97 Resp: 864528
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 54.2 44.0 66.0

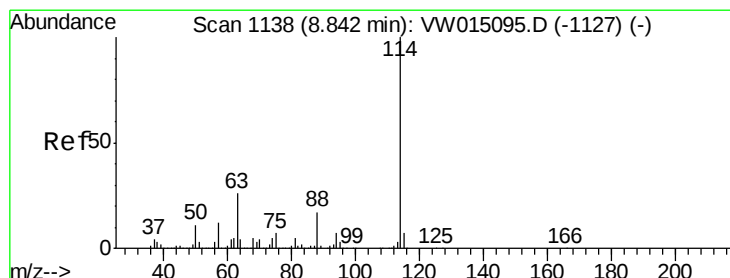
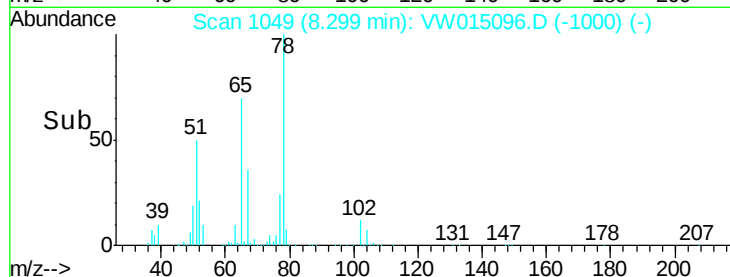
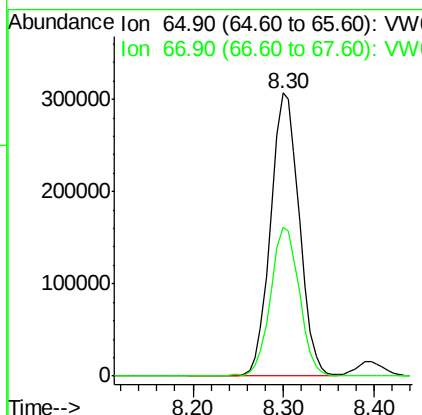
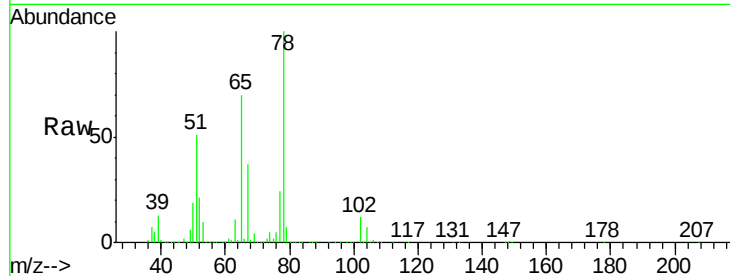




#33
 1,2-Dichloroethane-d4
 Concen: 98.07 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

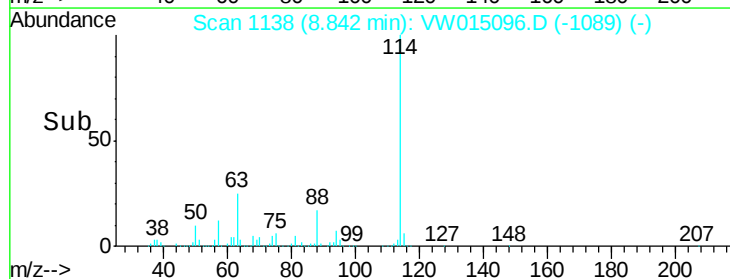
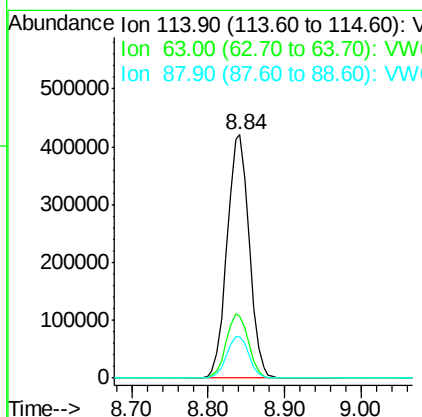
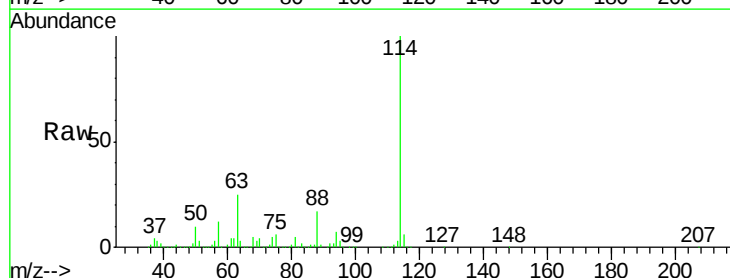
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

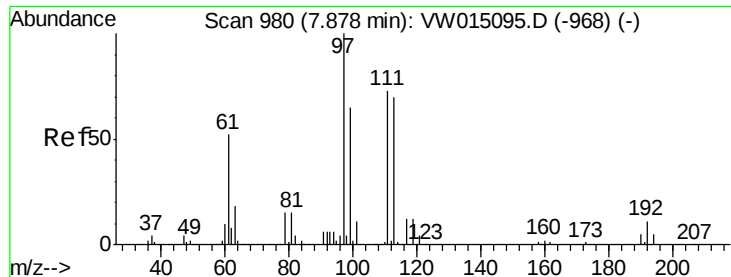
Tgt Ion: 65 Resp: 670207
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion: 114 Resp: 838974
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 52.0
 88 17.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 98.44 ug/l

RT: 7.88 min Scan# 981

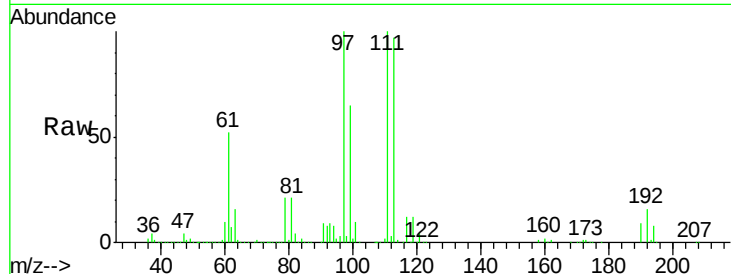
Delta R.T. 0.01 min

Lab File: VW015096.D

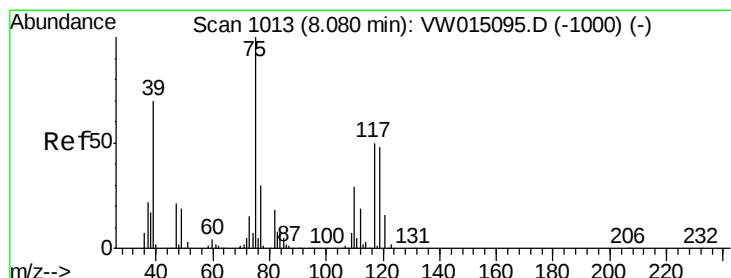
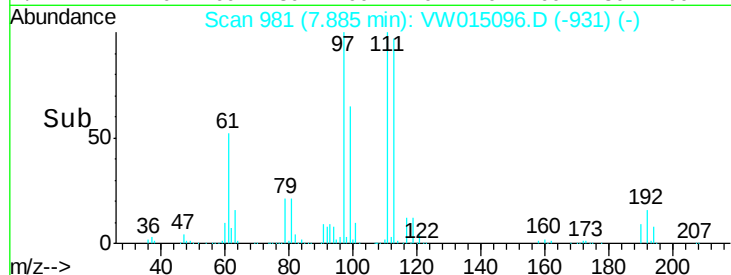
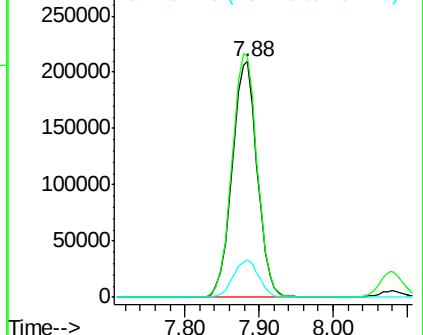
Acq: 09 Mar 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:	113	Resp:	494451
Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.6	125.4
192	16.0	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: 98.74 ug/l

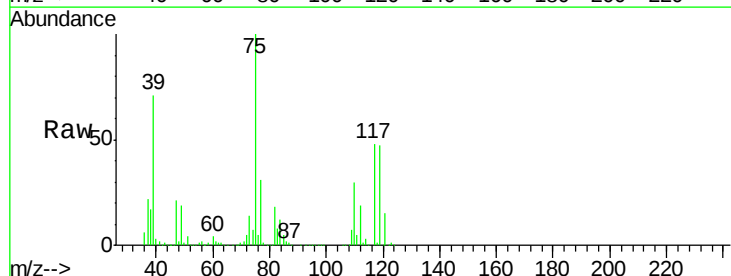
RT: 8.08 min Scan# 1013

Delta R.T. 0.00 min

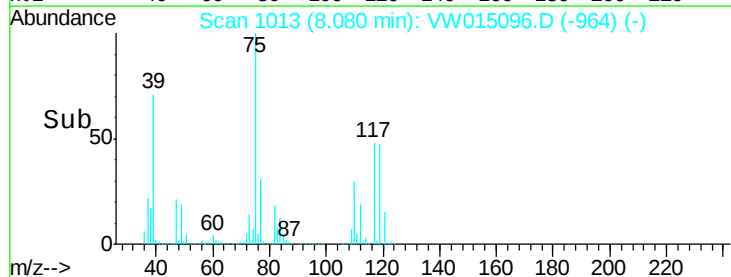
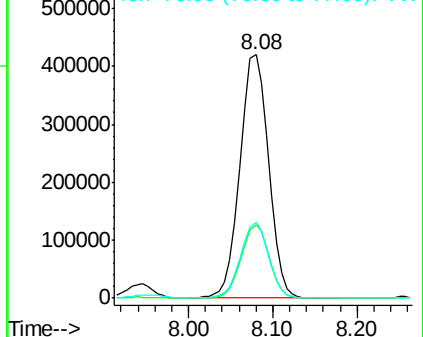
Lab File: VW015096.D

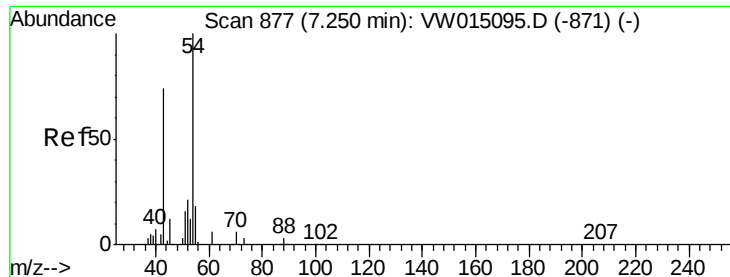
Acq: 09 Mar 2020 12:21

Tgt Ion:	75	Resp:	960704
Ion	Ratio	Lower	Upper
75	100		
110	29.4	14.7	44.1
77	30.5	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

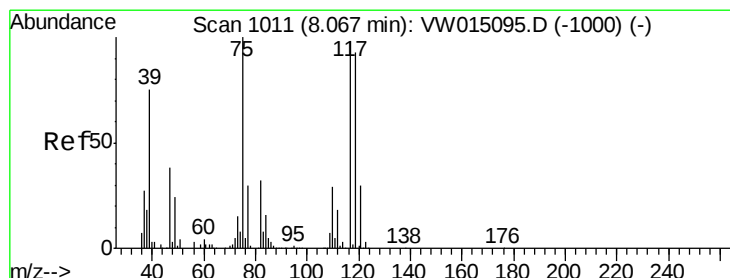
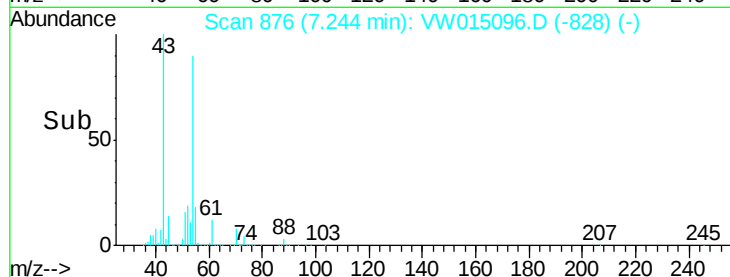
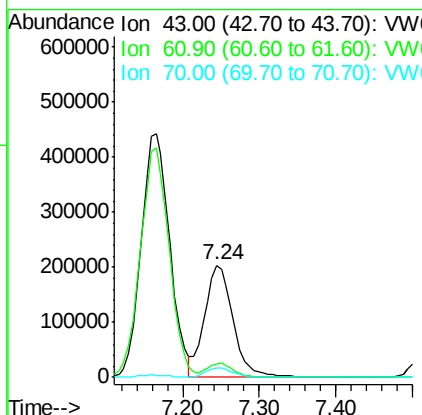
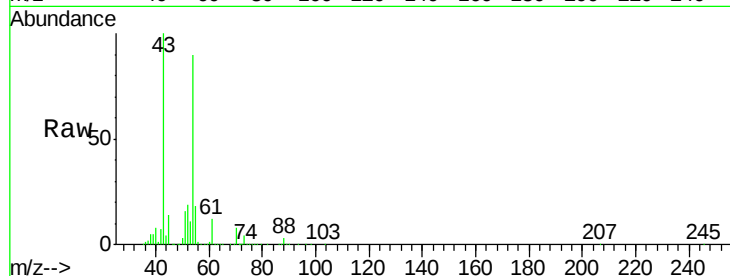




#37
Ethyl Acetate
Concen: 107.60 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

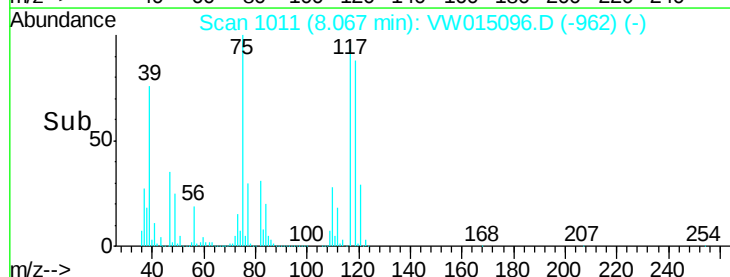
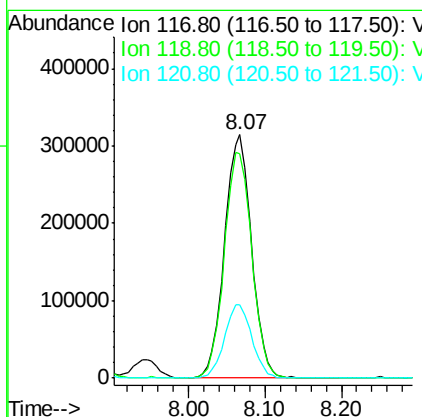
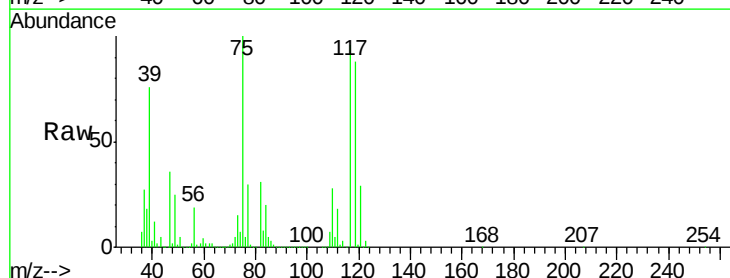
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

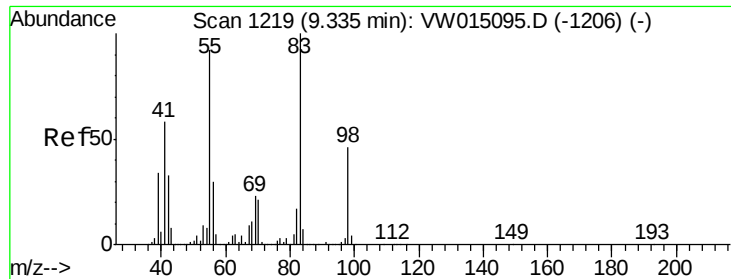
Tgt Ion: 43 Resp: 521769
Ion Ratio Lower Upper
43 100
61 11.4 9.6 14.4
70 8.2 6.5 9.7



#38
Carbon Tetrachloride
Concen: 96.70 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion: 117 Resp: 765894
Ion Ratio Lower Upper
117 100
119 92.2 75.8 113.8
121 29.9 24.5 36.7

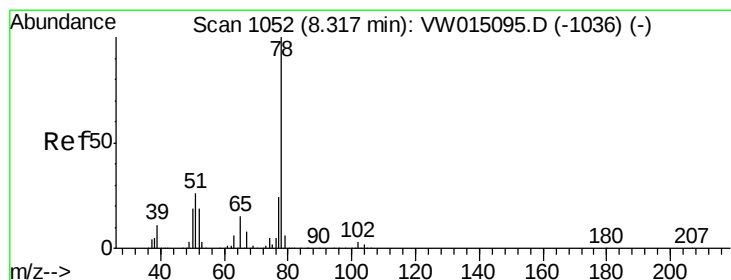
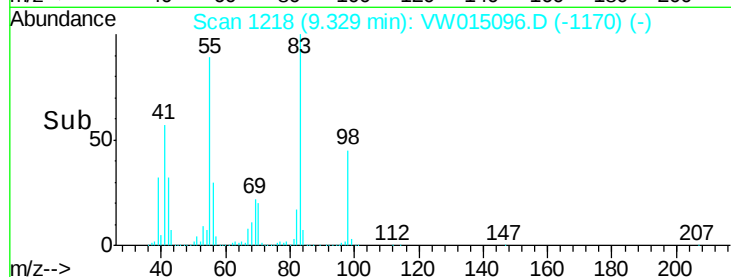
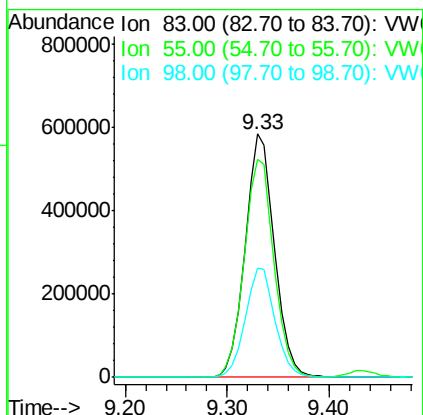
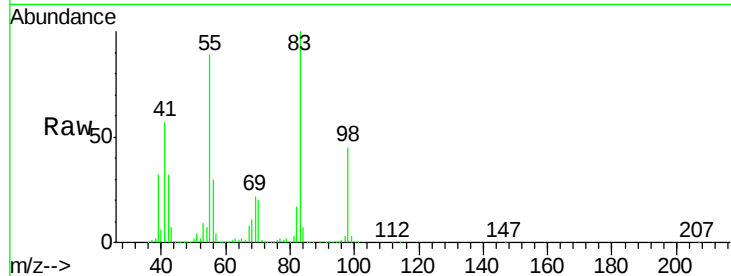




#39
Methylcyclohexane
Concen: 104.96 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

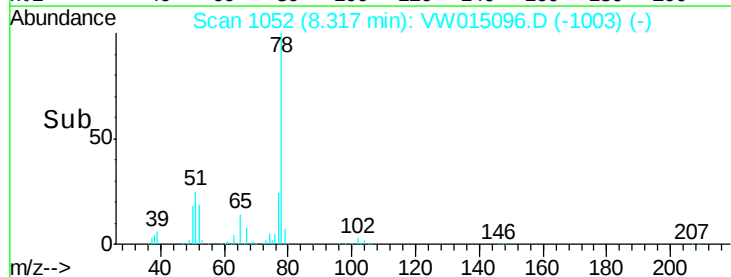
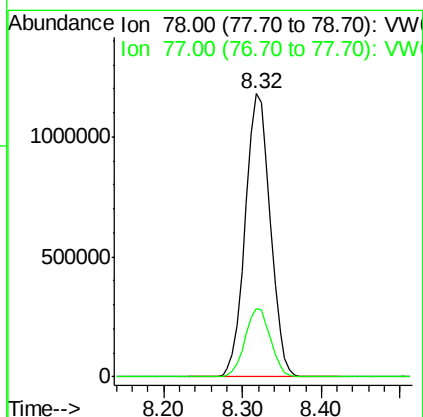
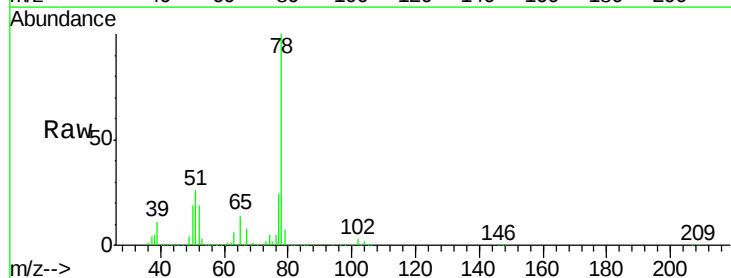
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

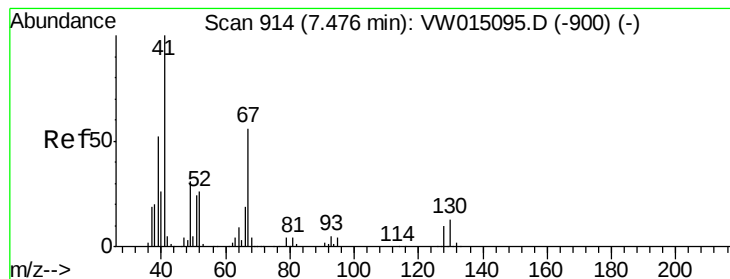
Tgt Ion: 83 Resp: 1167687
Ion Ratio Lower Upper
83 100
55 89.4 73.5 110.3
98 44.6 37.2 55.8



#40
Benzene
Concen: 96.60 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion: 78 Resp: 2611842
Ion Ratio Lower Upper
78 100
77 24.3 19.5 29.3





#41

Methacrylonitrile

Concen: 113.38 ug/l

RT: 7.48 min Scan# 914

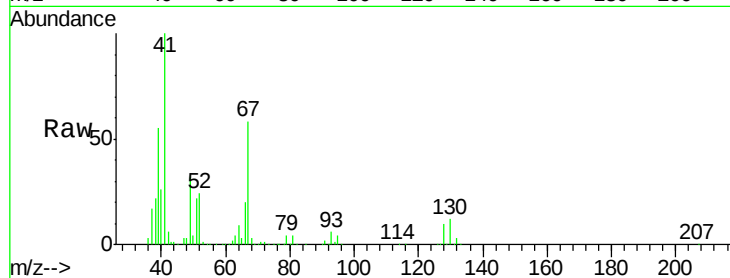
Delta R.T. 0.00 min

Lab File: VW015096.D

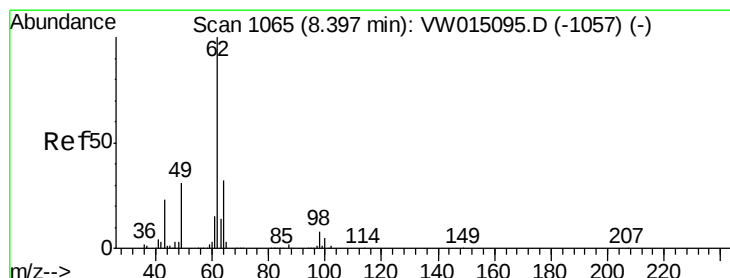
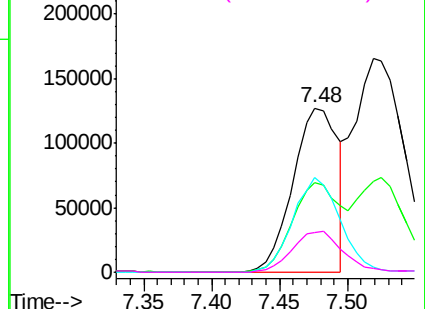
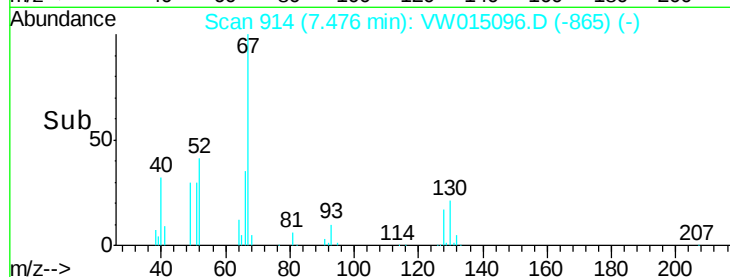
Acq: 09 Mar 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:	41	Resp:	290777
Ion	Ratio	Lower	Upper
41	100		
39	60.3	49.0	73.4
67	61.4	50.4	75.6
52	27.7	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: 97.53 ug/l

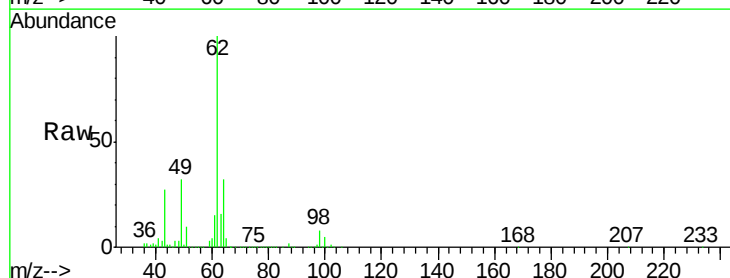
RT: 8.40 min Scan# 1065

Delta R.T. 0.00 min

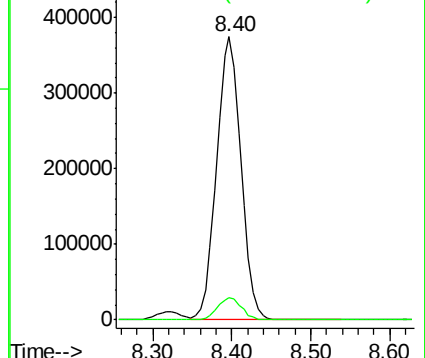
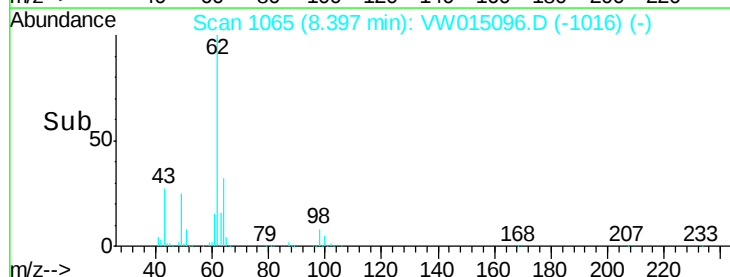
Lab File: VW015096.D

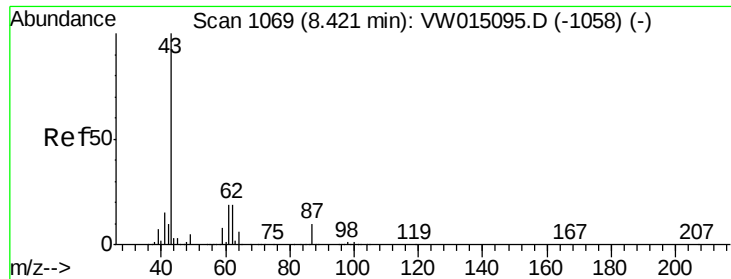
Acq: 09 Mar 2020 12:21

Tgt Ion:	62	Resp:	803390
Ion	Ratio	Lower	Upper
62	100		
98	7.9	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: 110.72 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

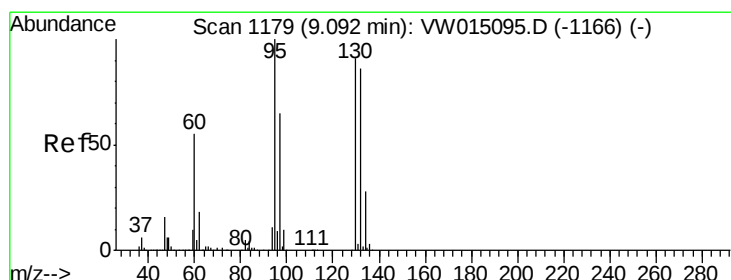
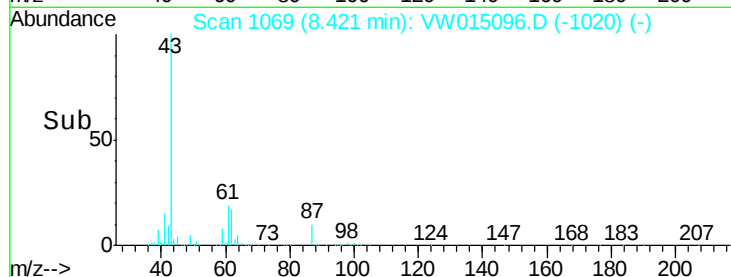
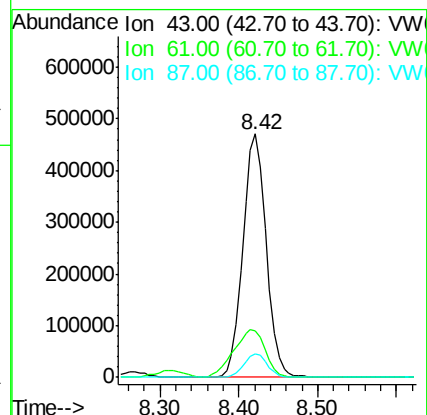
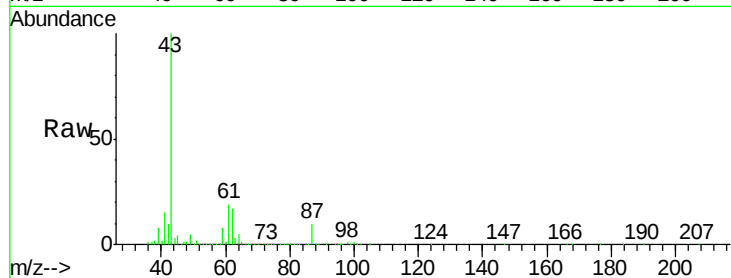
Tgt Ion: 43 Resp: 962523

Ion Ratio Lower Upper

43 100

61 26.6 21.8 32.8

87 10.0 8.0 12.0



#44

Trichloroethene

Concen: 97.33 ug/l

RT: 9.09 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VW015096.D

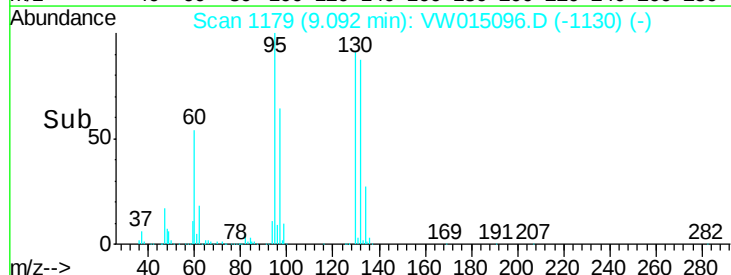
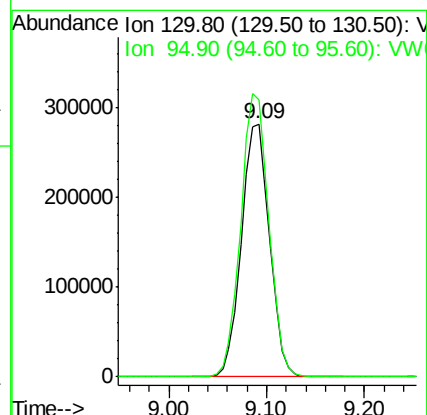
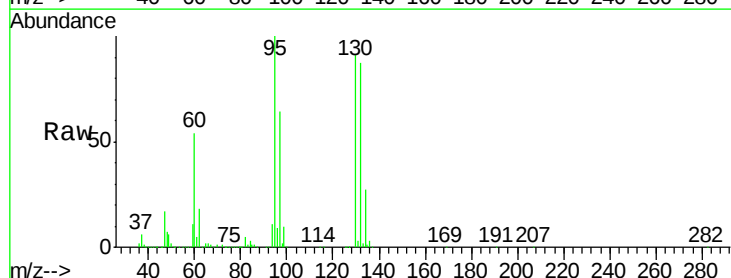
Acq: 09 Mar 2020 12:21

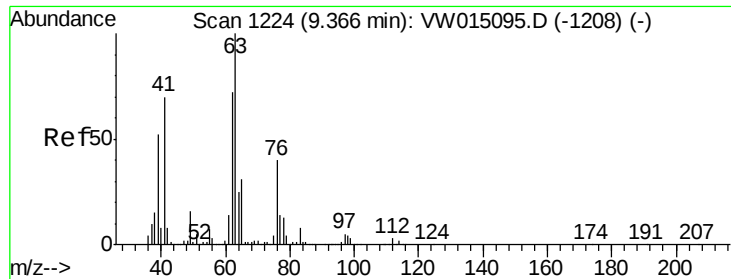
Tgt Ion: 130 Resp: 560196

Ion Ratio Lower Upper

130 100

95 109.7 0.0 219.8

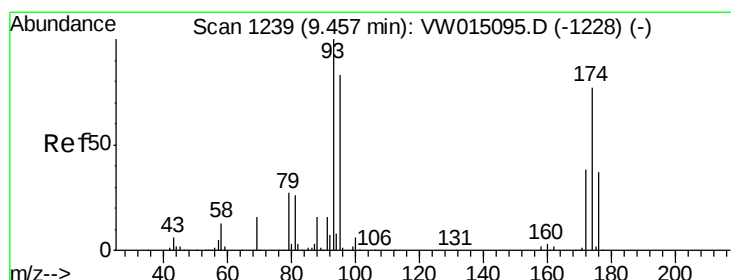
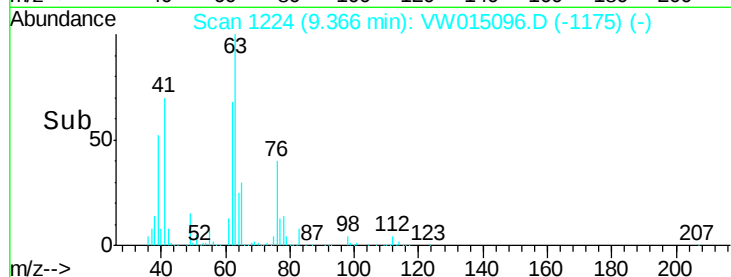
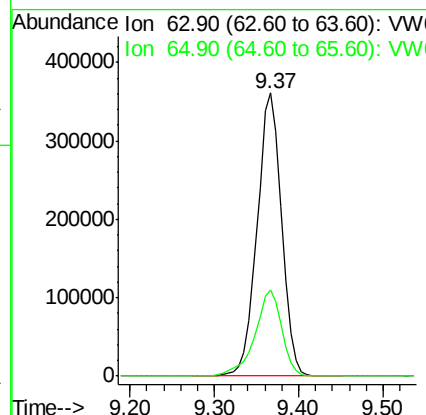
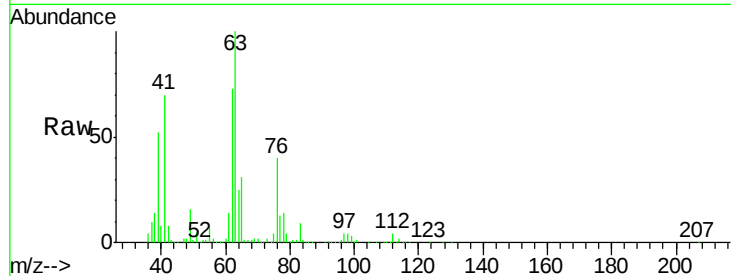




#45
 1,2-Dichloropropane
 Concen: 97.72 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

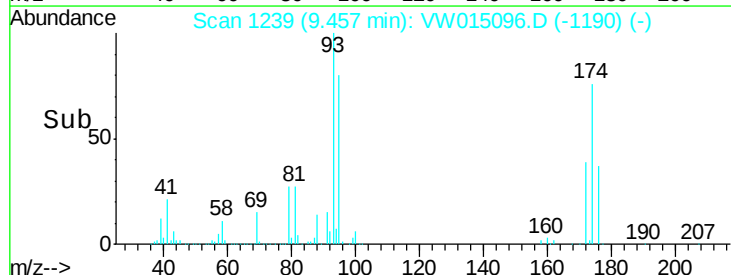
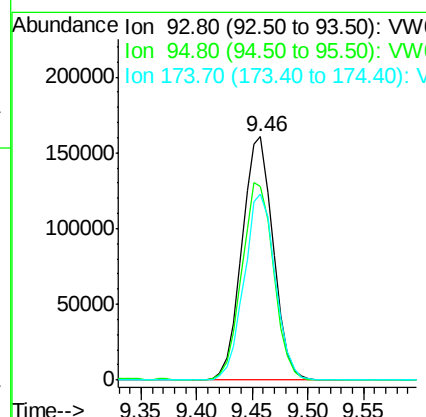
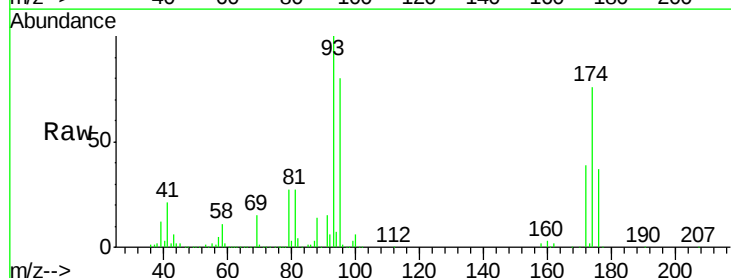
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

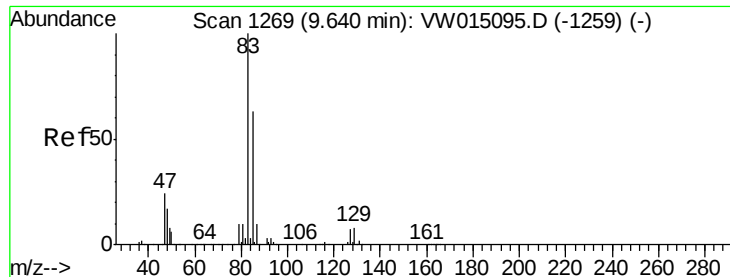
Tgt Ion: 63 Resp: 711571
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.6 36.8



#46
 Dibromomethane
 Concen: 98.73 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion: 93 Resp: 312592
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 76.5 60.6 91.0





#47

Bromodichloromethane

Concen: 99.38 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

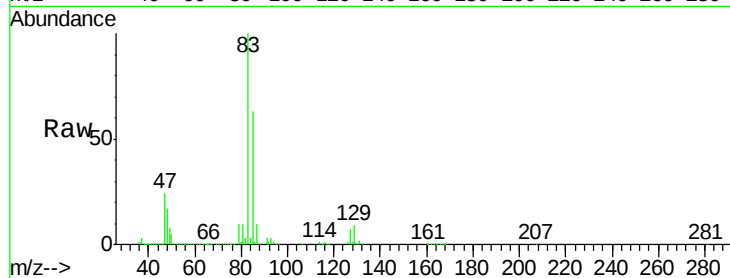
Tgt Ion: 83 Resp: 840088

Ion Ratio Lower Upper

83 100

85 62.8 50.7 76.1

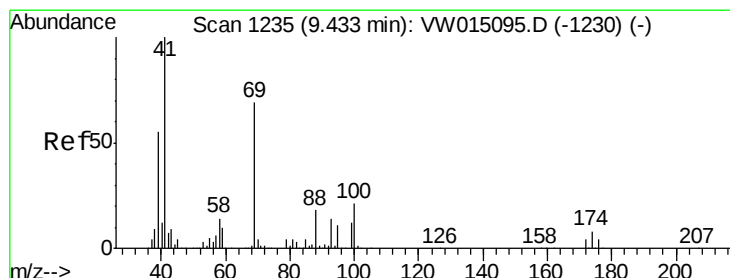
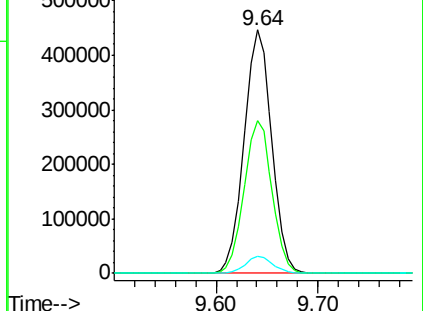
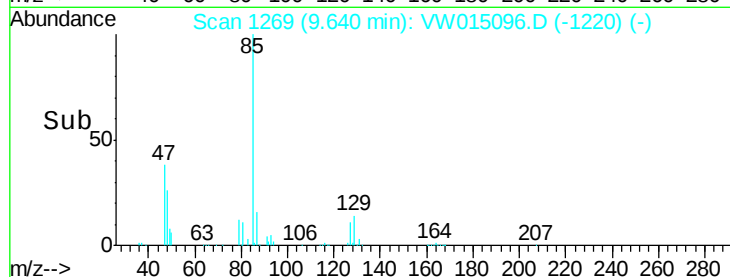
127 7.0 5.5 8.3



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 115.10 ug/l

RT: 9.43 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

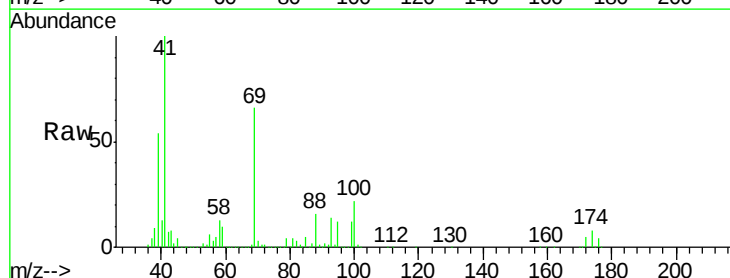
Tgt Ion: 41 Resp: 461797

Ion Ratio Lower Upper

41 100

69 72.2 58.7 88.1

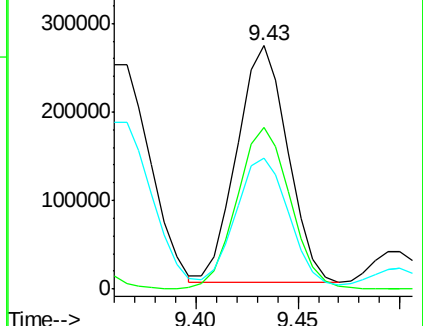
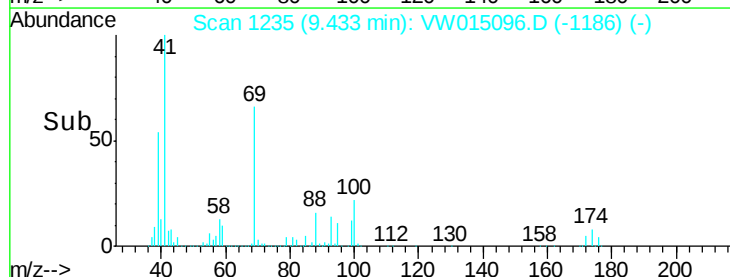
39 55.1 45.1 67.7

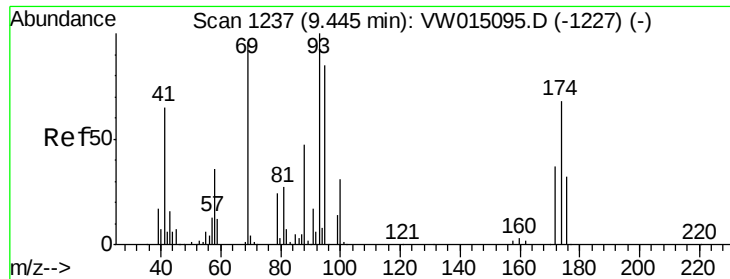


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 2045.59 ug/l

RT: 9.44 min Scan# 1236

Delta R.T. -0.01 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

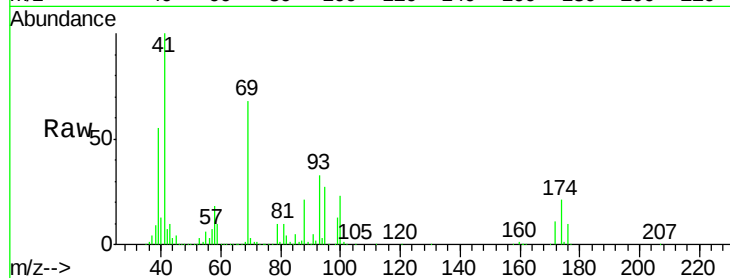
Tgt Ion: 88 Resp: 99161

Ion Ratio Lower Upper

88 100

43 46.6 35.8 53.8

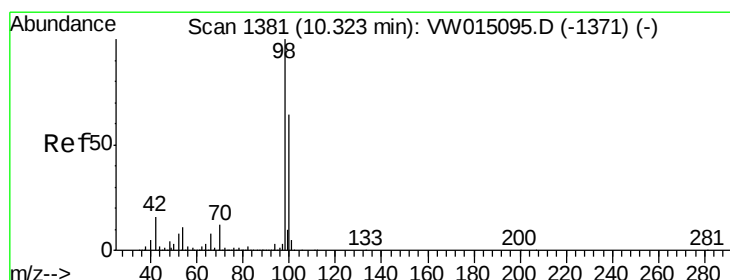
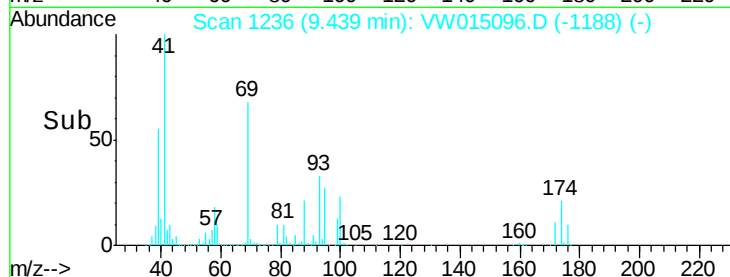
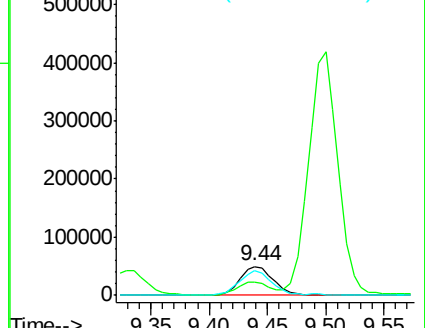
58 86.8 64.0 96.0



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: 103.37 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW015096.D

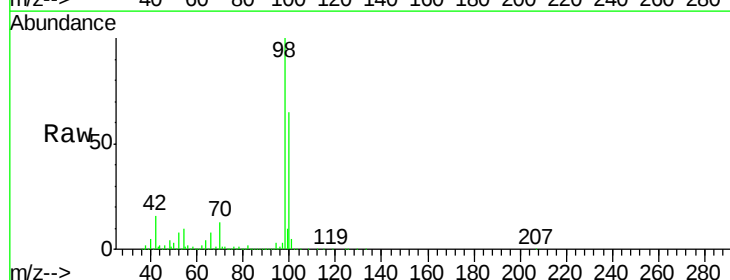
Acq: 09 Mar 2020 12:21

Tgt Ion: 98 Resp: 2174371

Ion Ratio Lower Upper

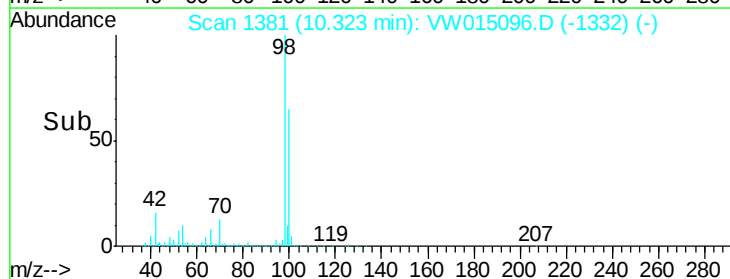
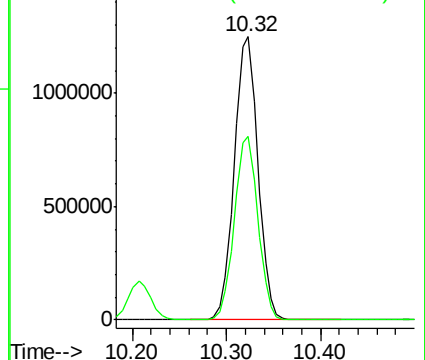
98 100

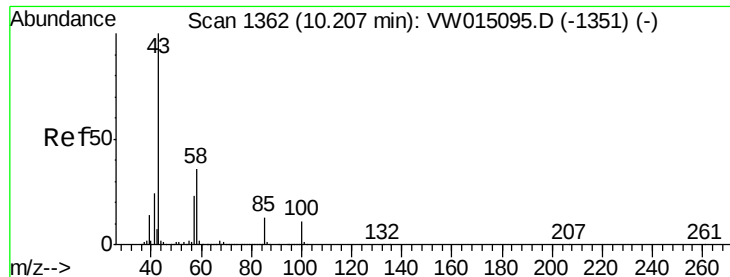
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

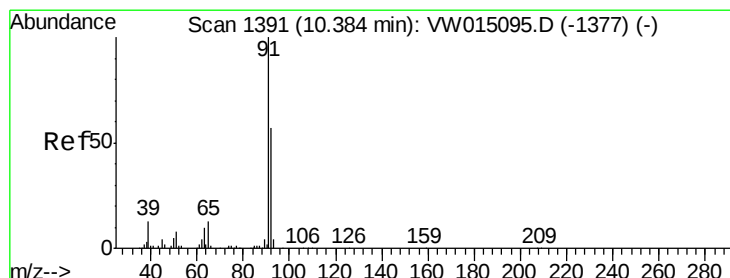
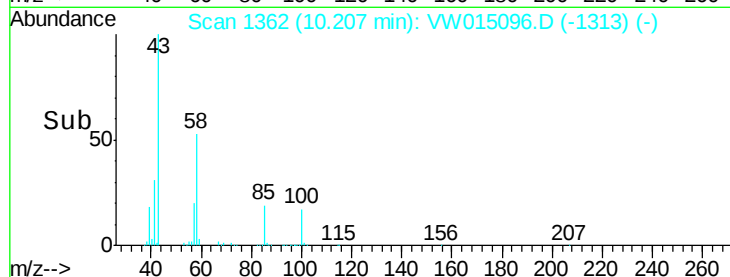
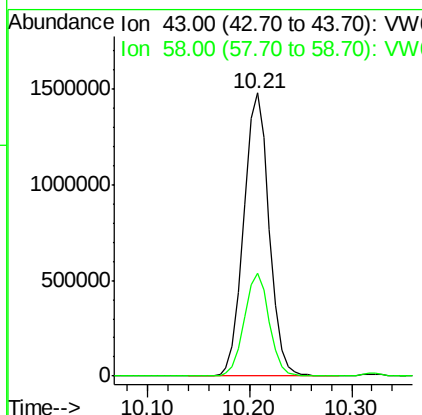
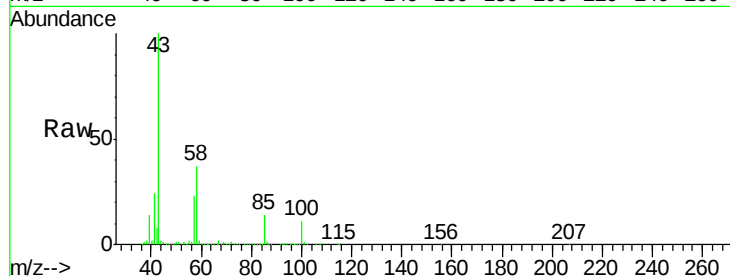




#51
 4-Methyl-2-Pentanone
 Concen: 533.28 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

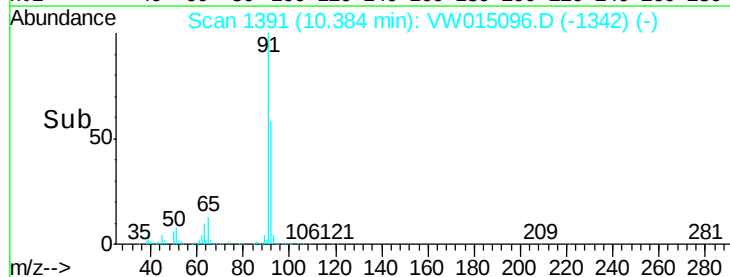
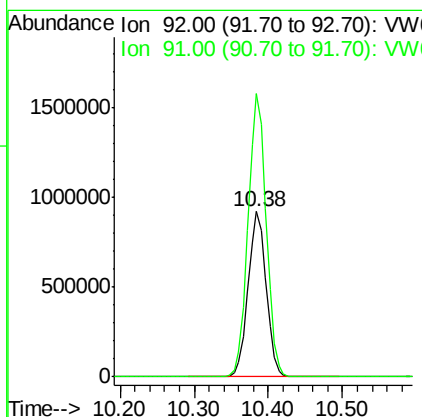
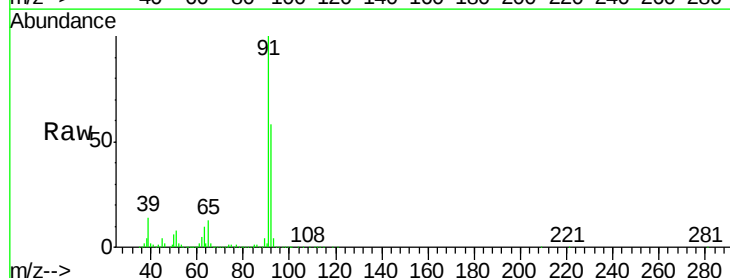
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

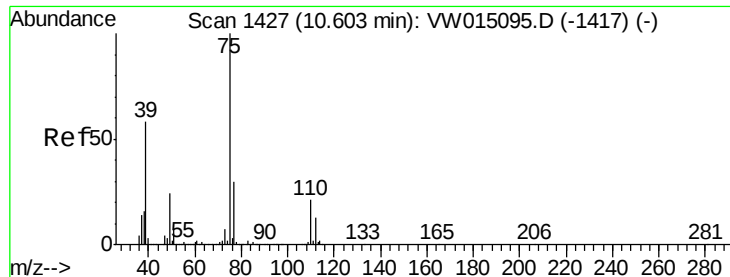
Tgt Ion: 43 Resp: 2560666
 Ion Ratio Lower Upper
 43 100
 58 35.7 28.0 42.0



#52
 Toluene
 Concen: 100.74 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion: 92 Resp: 1564728
 Ion Ratio Lower Upper
 92 100
 91 172.1 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 106.58 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

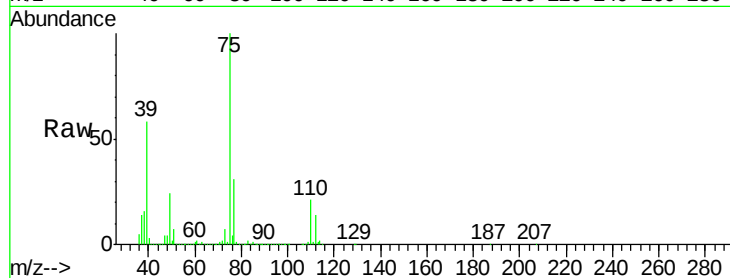
VSTDIC100

Tgt Ion: 75 Resp: 886307

Ion Ratio Lower Upper

75 100

77 31.4 24.4 36.6



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

10.60

600000

500000

400000

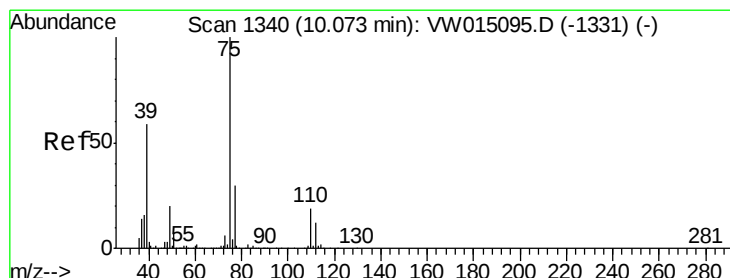
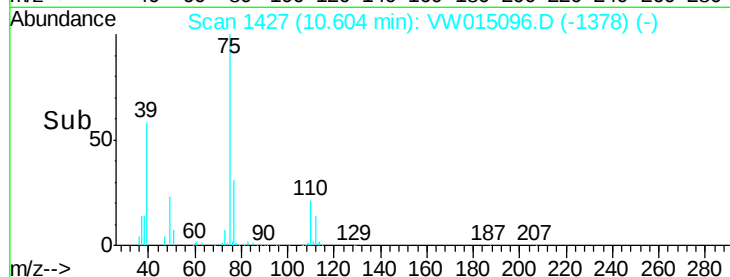
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 103.67 ug/l

RT: 10.07 min Scan# 1339

Delta R.T. -0.01 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

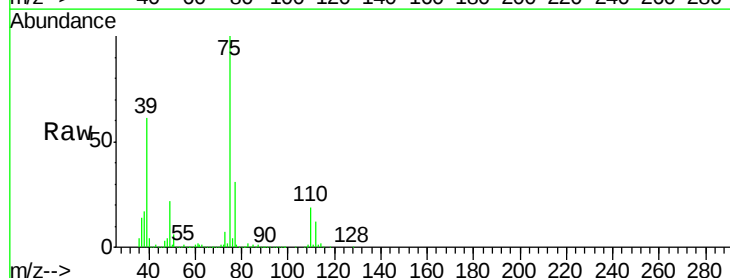
Tgt Ion: 75 Resp: 1050271

Ion Ratio Lower Upper

75 100

77 31.2 24.3 36.5

39 60.9 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

10.07

800000

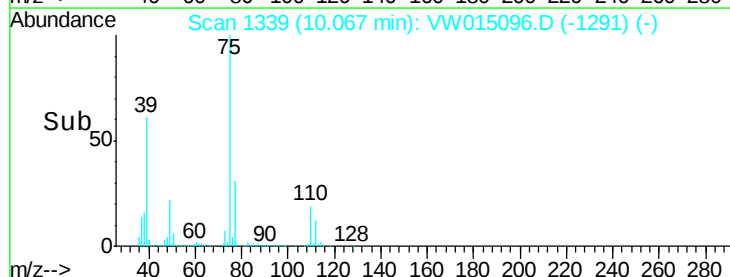
600000

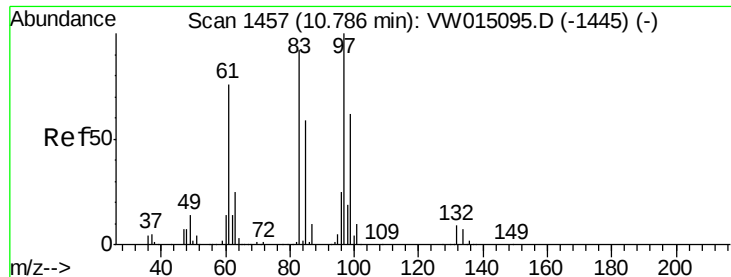
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 101.07 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

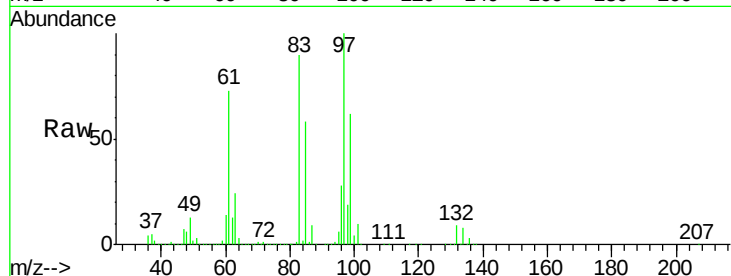
MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 438464

Ion	Ratio	Lower	Upper
97	100		
83	89.6	74.0	111.0
85	57.5	46.9	70.3
99	61.7	49.8	74.8

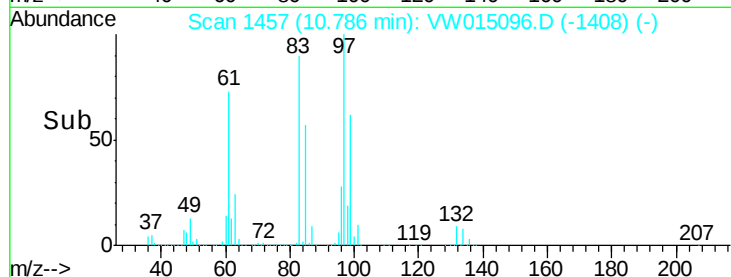


Abundance Ion 96.90 (96.60 to 97.60): VW

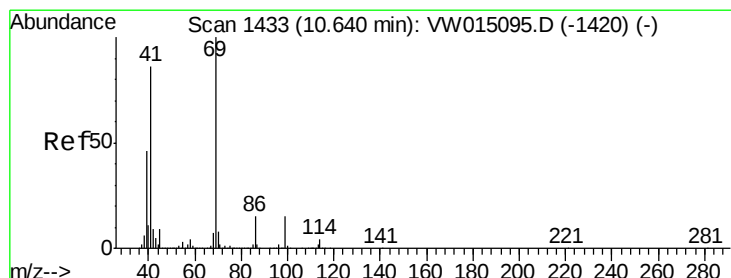
Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



Time-->



#56

Ethyl methacrylate

Concen: 118.76 ug/l

RT: 10.64 min Scan# 1433

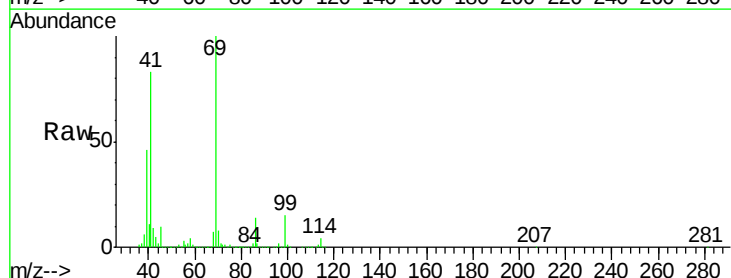
Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Tgt Ion: 69 Resp: 664833

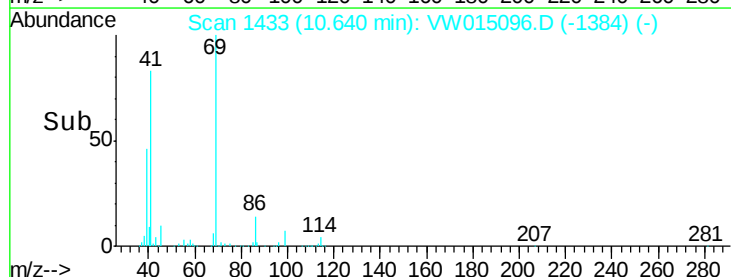
Ion	Ratio	Lower	Upper
69	100		
41	82.2	65.8	98.6
39	44.1	31.2	46.8



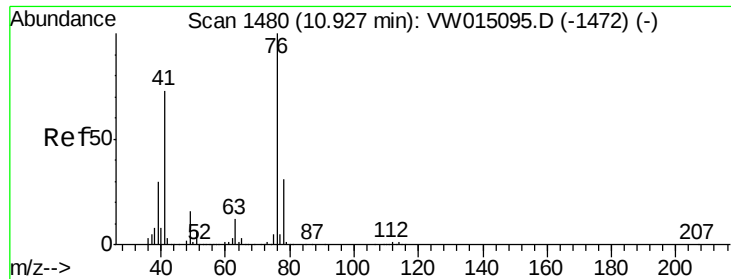
Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW



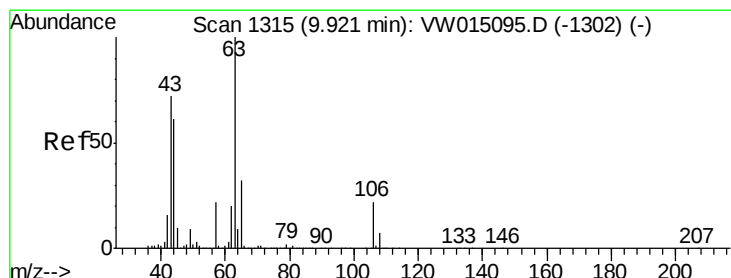
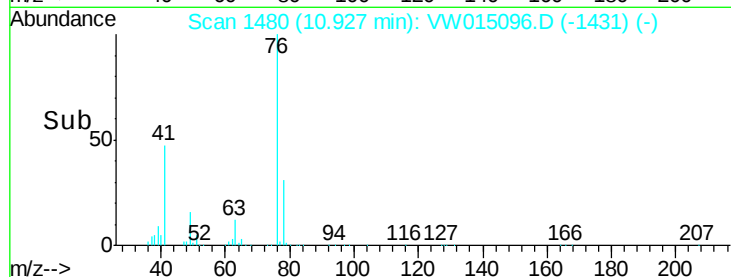
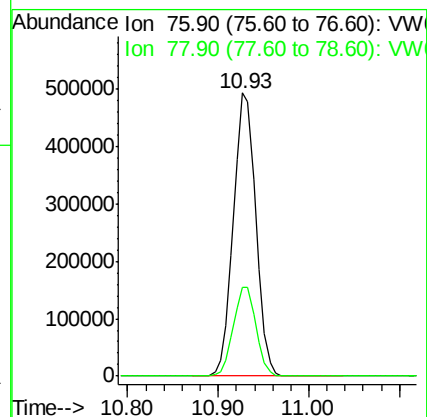
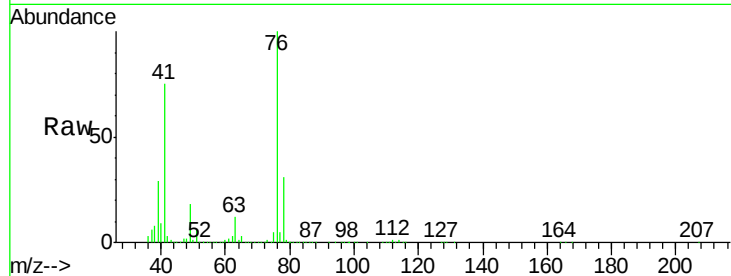
Time-->



#57
 1,3-Dichloropropane
 Concen: 102.75 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

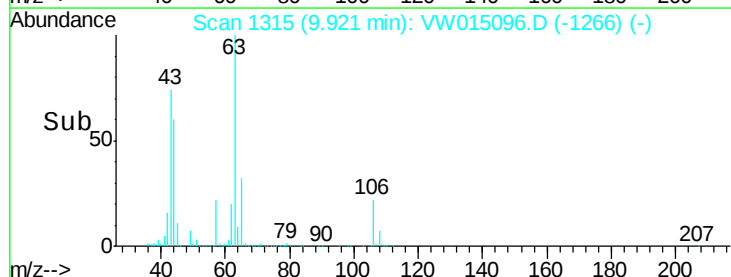
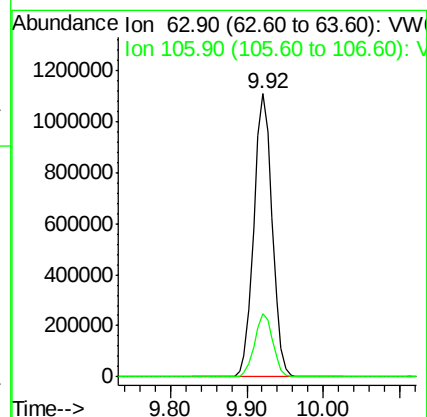
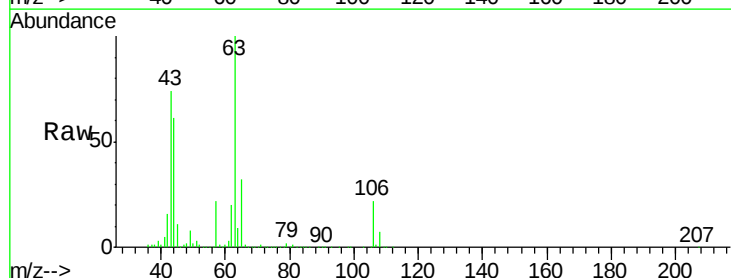
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

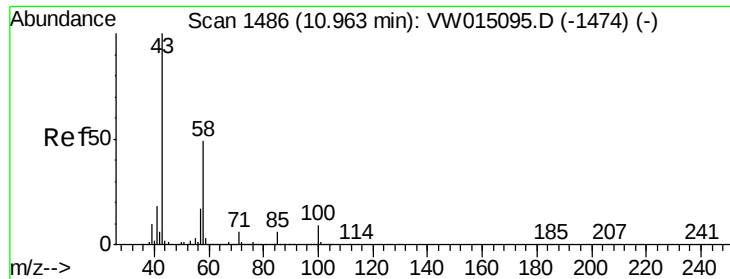
Tgt Ion: 76 Resp: 848664
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 562.91 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion: 63 Resp: 1848923
 Ion Ratio Lower Upper
 63 100
 106 22.3 18.0 27.0

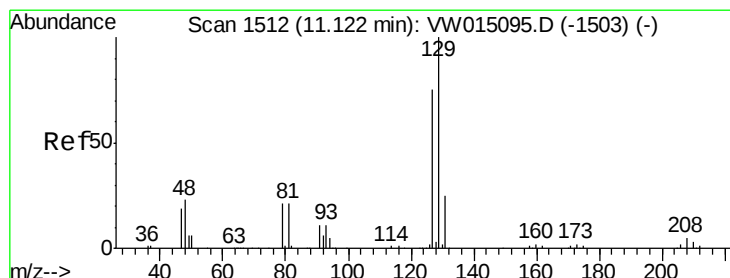
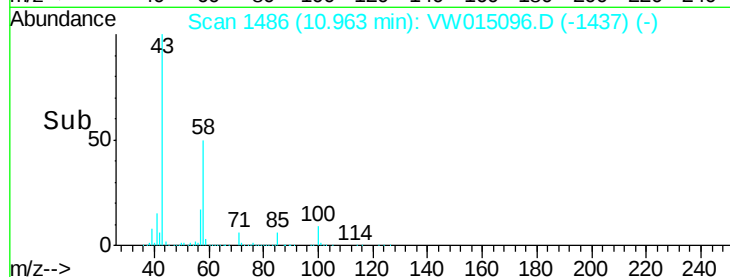
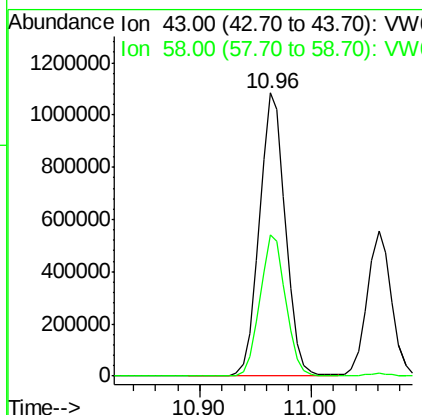
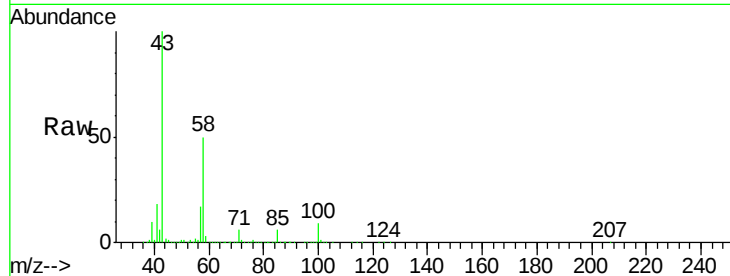




#59
2-Hexanone
Concen: 587.83 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

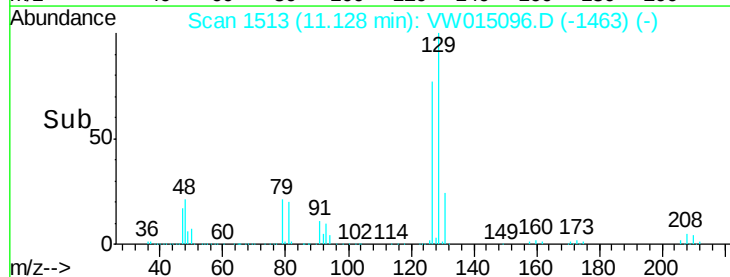
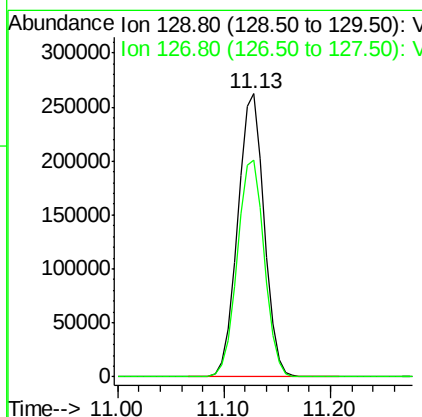
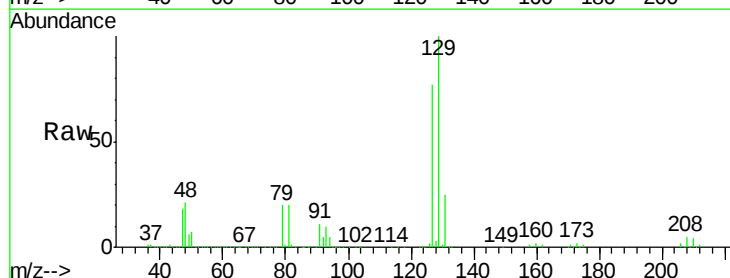
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

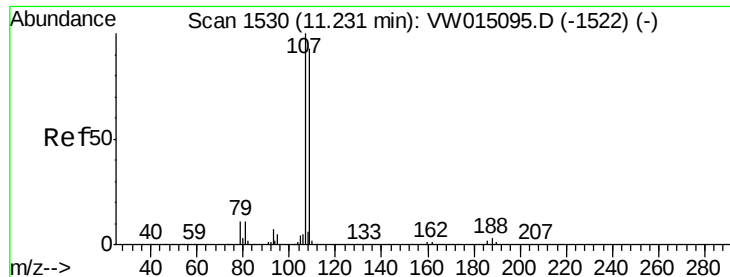
Tgt Ion: 43 Resp: 1763033
Ion Ratio Lower Upper
43 100
58 49.7 24.6 73.8



#60
Dibromochloromethane
Concen: 102.31 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion: 129 Resp: 458437
Ion Ratio Lower Upper
129 100
127 78.4 38.7 116.1

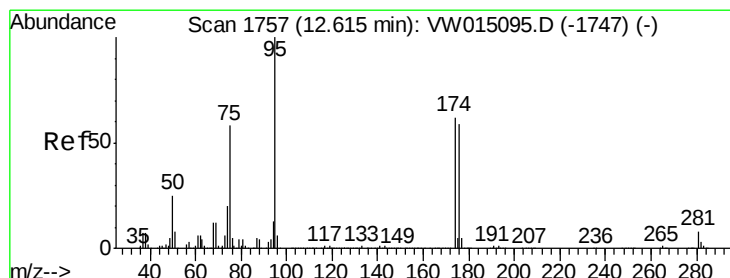
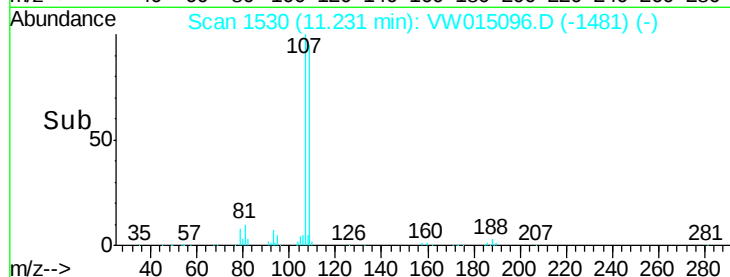
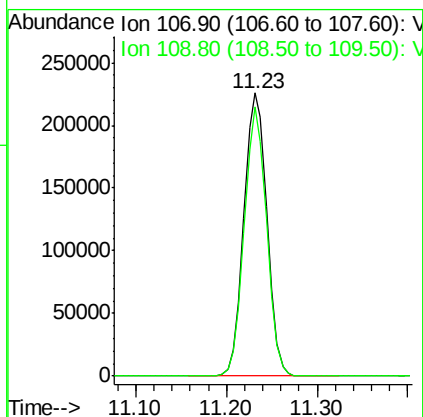
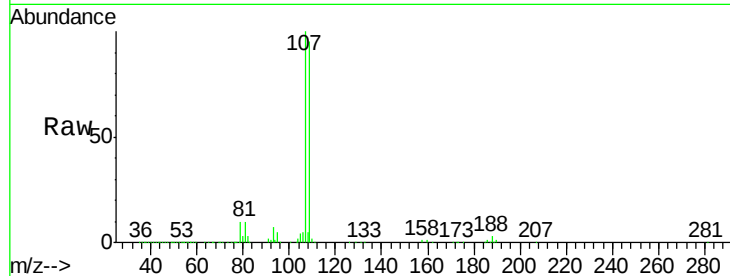




#61
 1,2-Dibromoethane
 Concen: 103.29 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

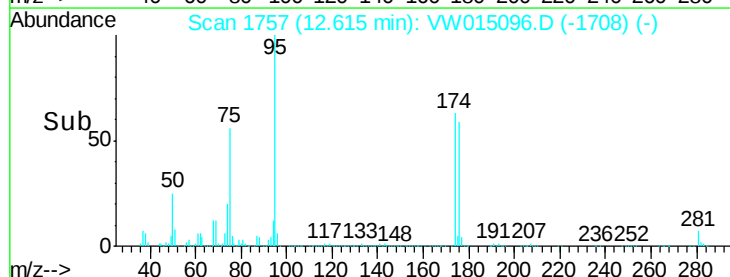
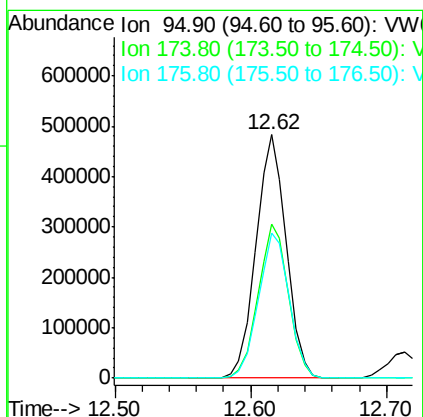
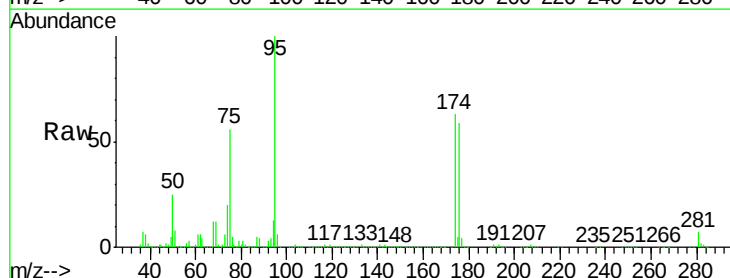
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

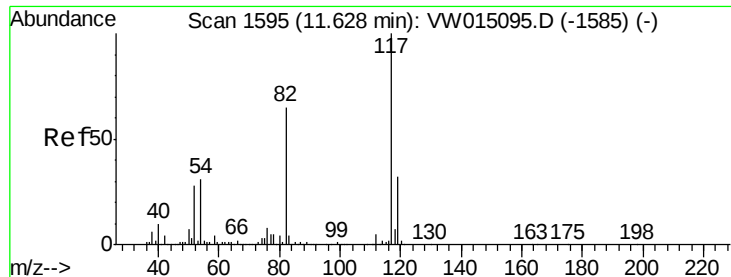
Tgt Ion: 107 Resp: 397251
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 107.78 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion: 95 Resp: 753040
 Ion Ratio Lower Upper
 95 100
 174 63.2 0.0 126.8
 176 60.7 0.0 121.6

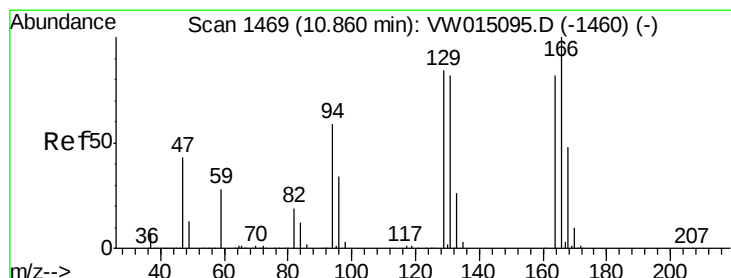
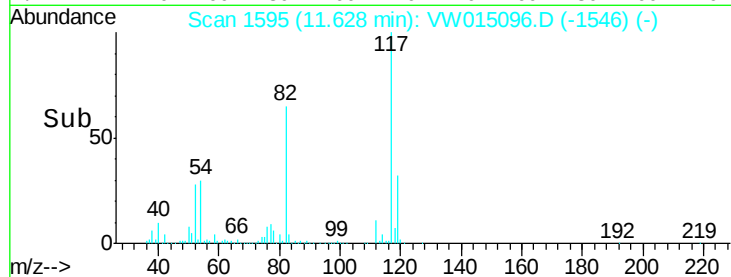
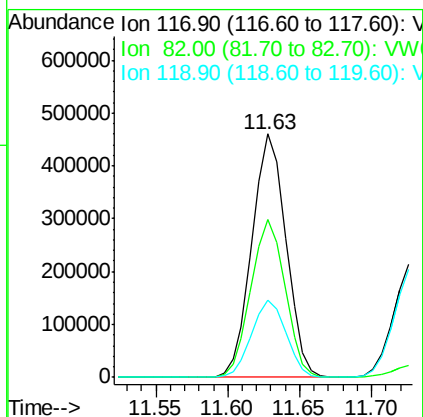
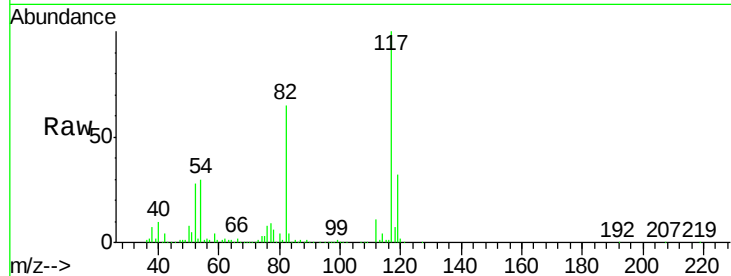




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

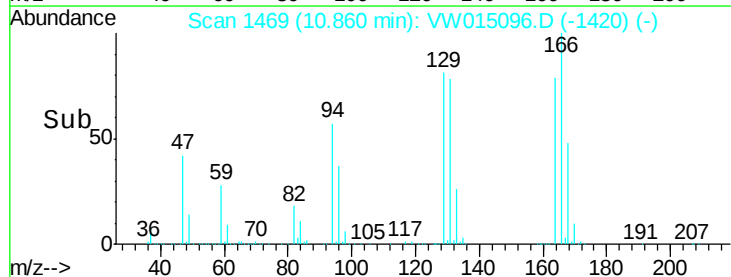
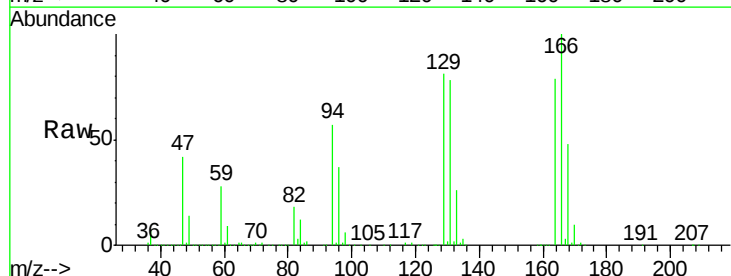
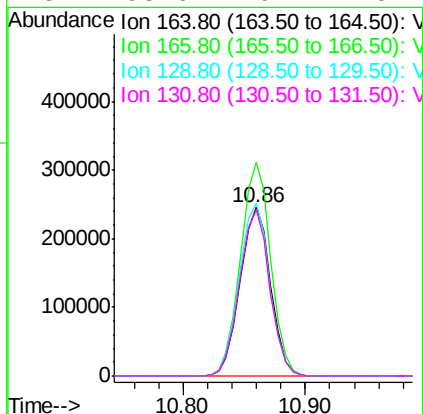
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

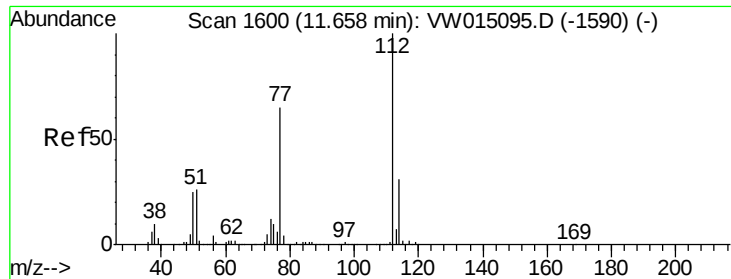
Tgt Ion:117 Resp: 756385
Ion Ratio Lower Upper
117 100
82 65.0 52.2 78.2
119 31.6 25.4 38.0



#64
Tetrachloroethene
Concen: 96.66 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion:164 Resp: 421915
Ion Ratio Lower Upper
164 100
166 126.8 97.0 145.6
129 102.6 81.2 121.8
131 98.6 79.4 119.2

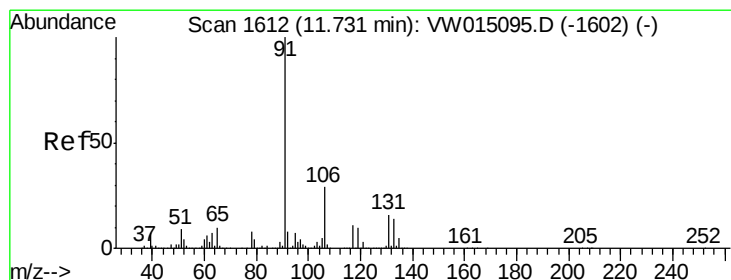
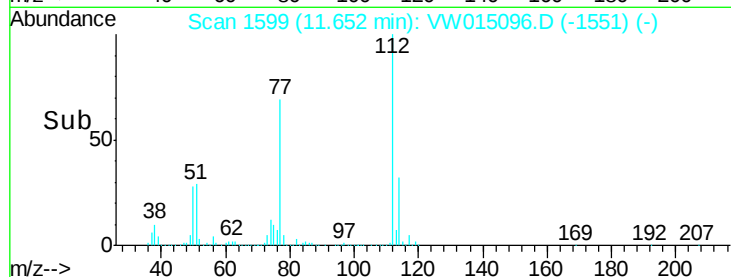
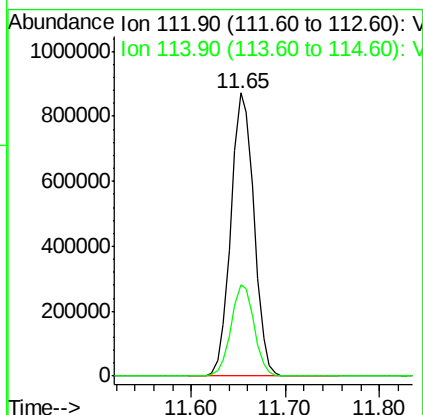
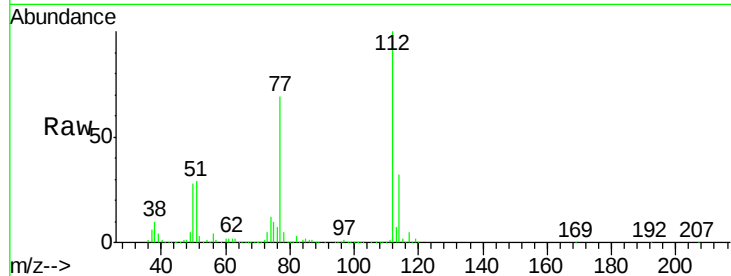




#65
Chlorobenzene
Concen: 97.60 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

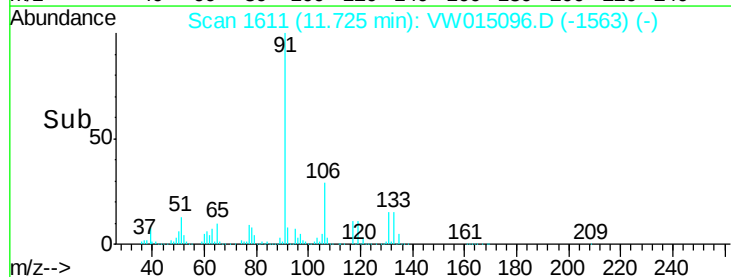
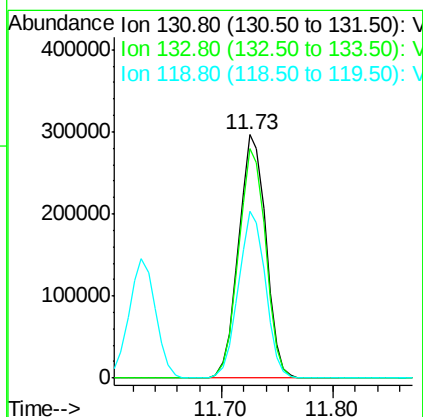
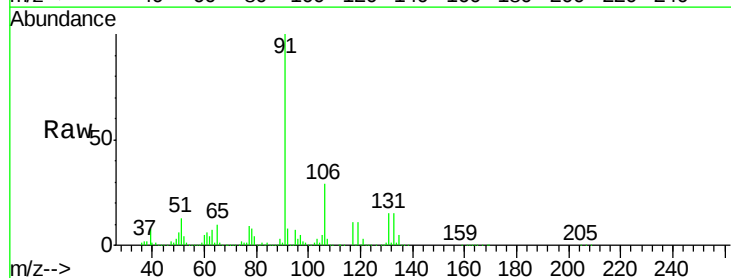
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

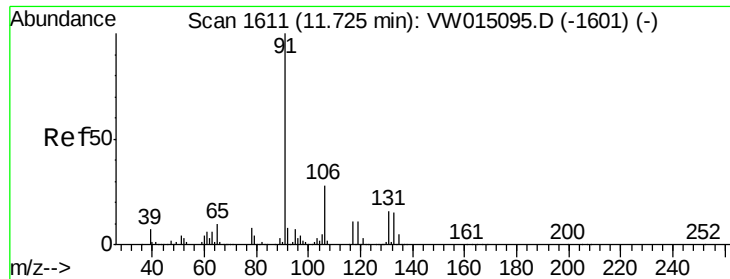
Tgt Ion:112 Resp: 1481811
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 99.73 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.01 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion:131 Resp: 504204
Ion Ratio Lower Upper
131 100
133 93.7 47.3 141.8
119 67.9 34.0 101.8

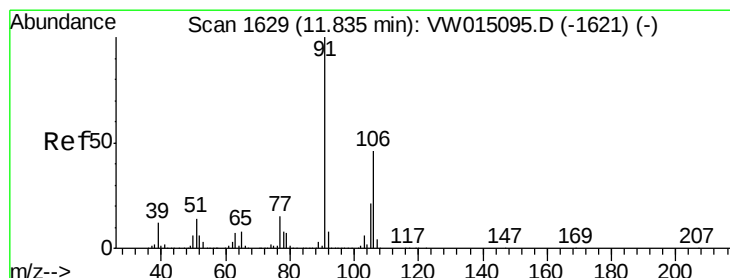
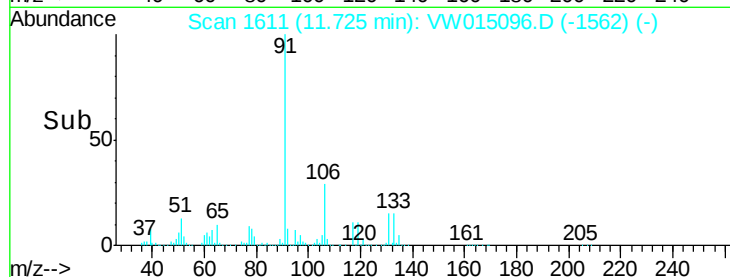
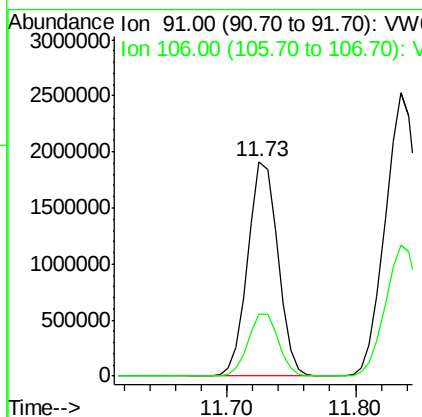
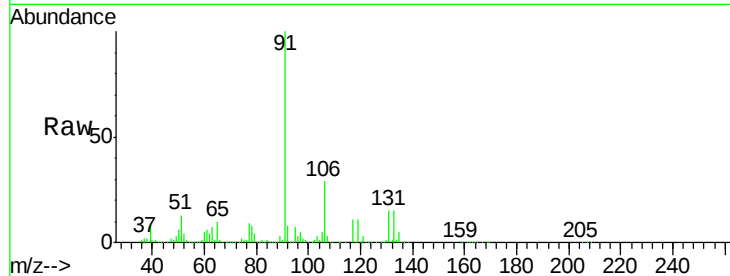




#67
Ethyl Benzene
Concen: 104.15 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

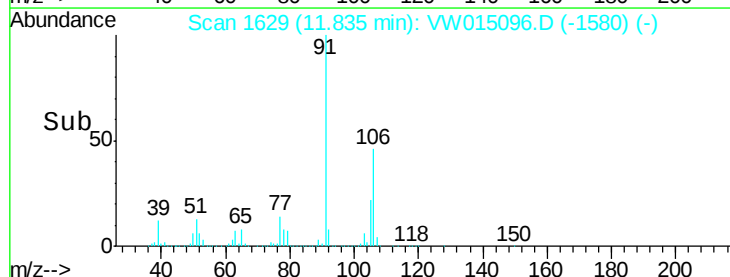
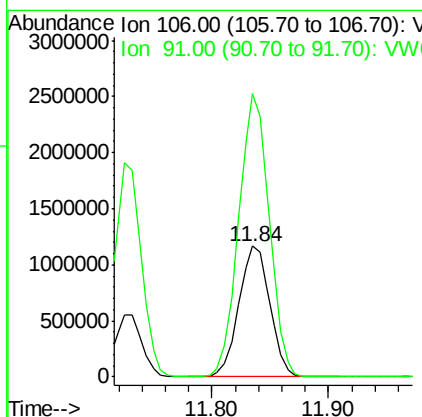
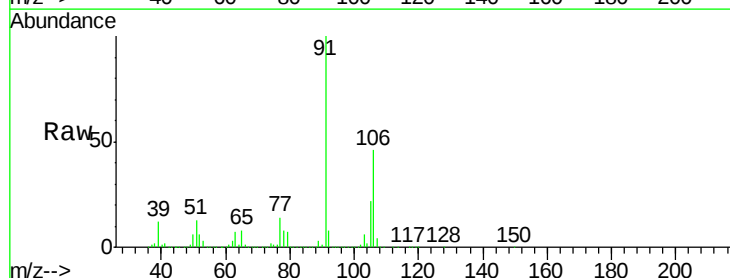
Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

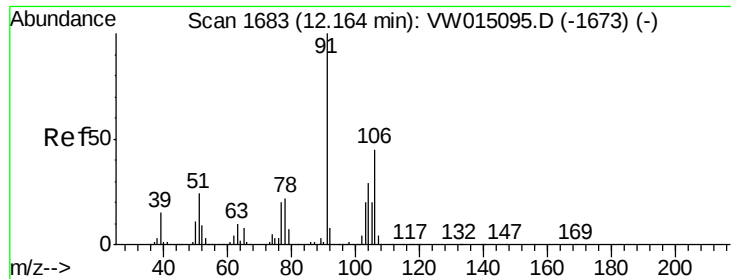
Tgt Ion: 91 Resp: 3076990
Ion Ratio Lower Upper
91 100
106 29.1 22.8 34.2



#68
m/p-Xylenes
Concen: 206.78 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion: 106 Resp: 2159598
Ion Ratio Lower Upper
106 100
91 214.1 172.3 258.5

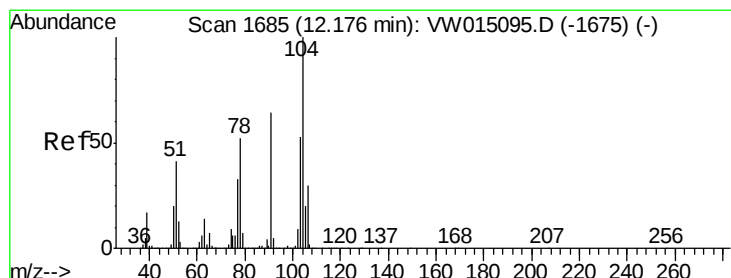
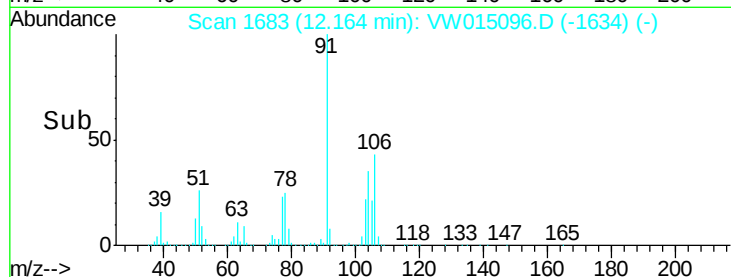
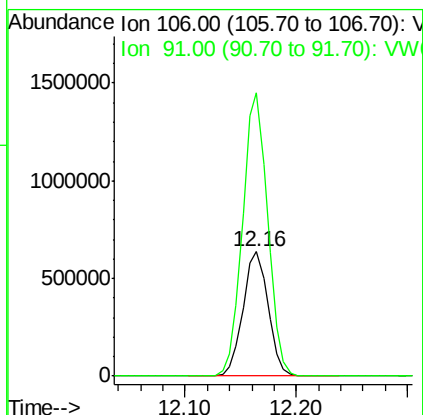
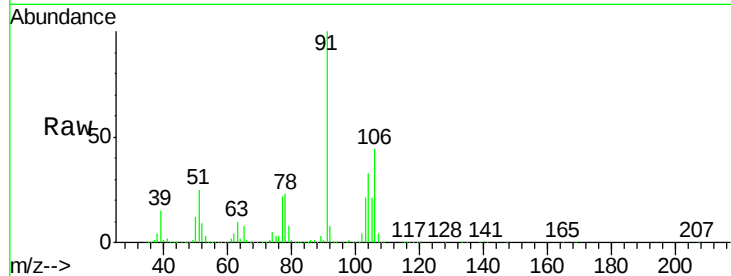




#69
o-Xylene
Concen: 106.01 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

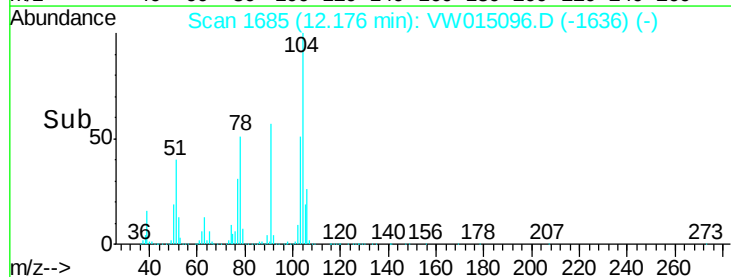
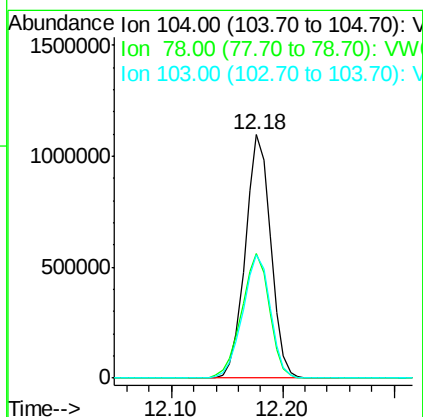
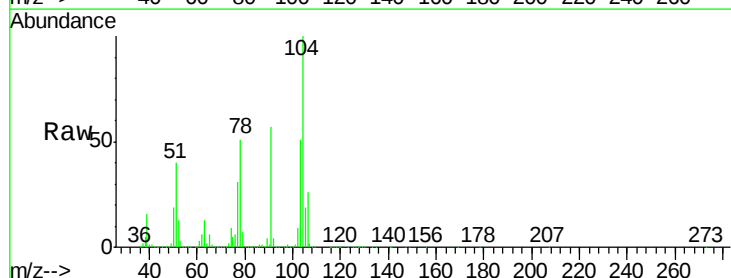
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

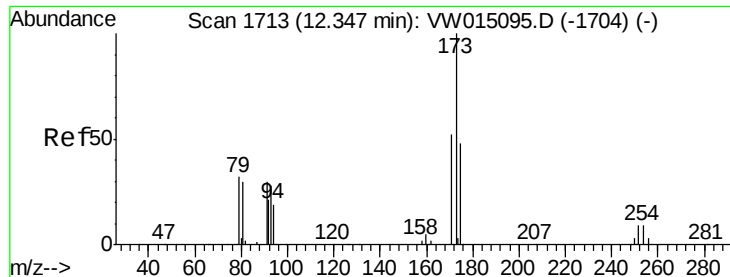
Tgt Ion:106 Resp: 997316
Ion Ratio Lower Upper
106 100
91 227.1 112.6 337.8



#70
Styrene
Concen: 107.93 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion:104 Resp: 1739888
Ion Ratio Lower Upper
104 100
78 55.9 44.7 67.1
103 54.9 44.7 67.1





#71

Bromoform

Concen: 105.59 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

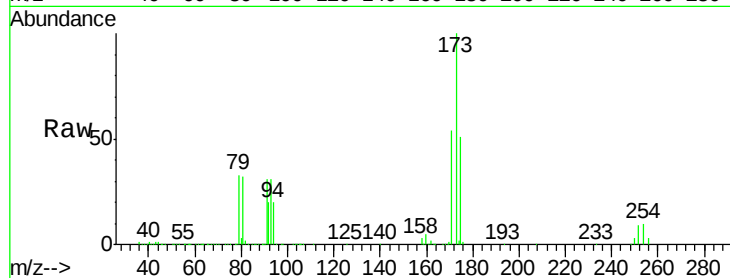
Tgt Ion:173 Resp: 236902

Ion Ratio Lower Upper

173 100

175 49.2 23.8 71.4

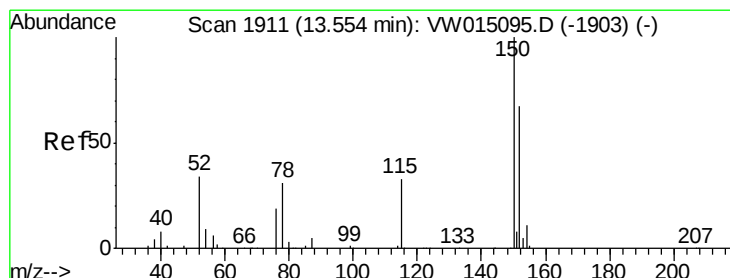
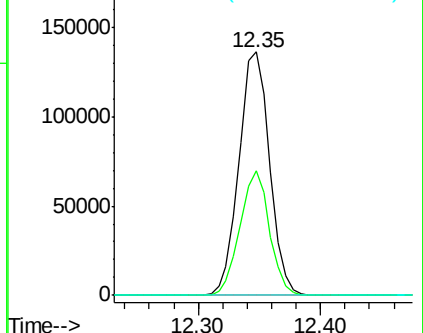
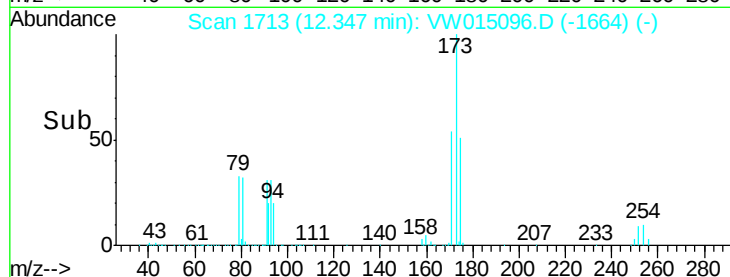
254 0.1 0.1 0.1



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

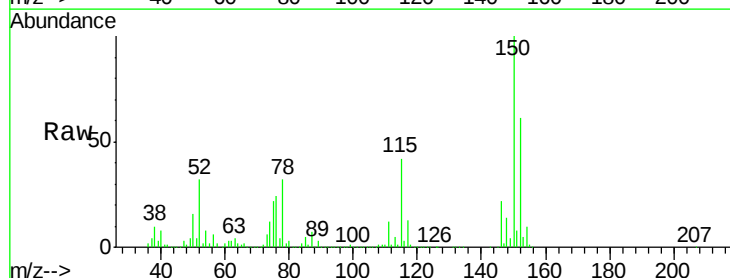
Tgt Ion:152 Resp: 350762

Ion Ratio Lower Upper

152 100

115 65.4 33.3 99.9

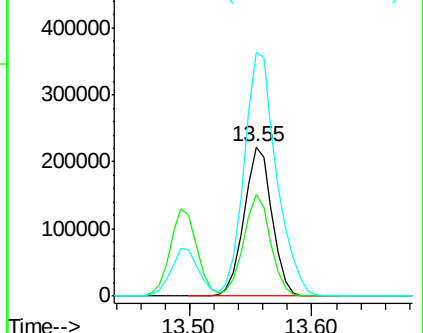
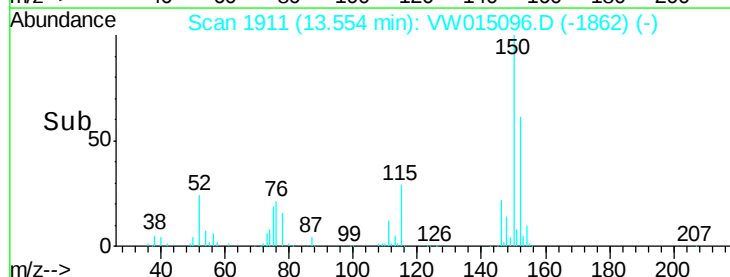
150 190.1 0.0 351.2

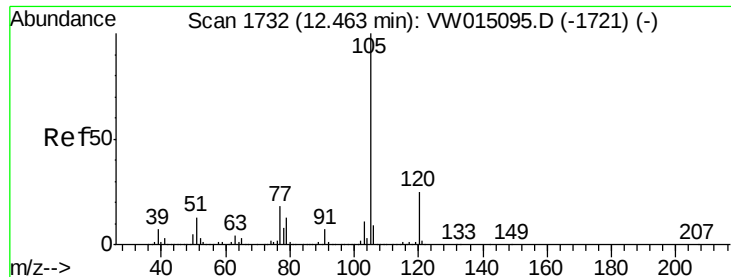


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 105.57 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

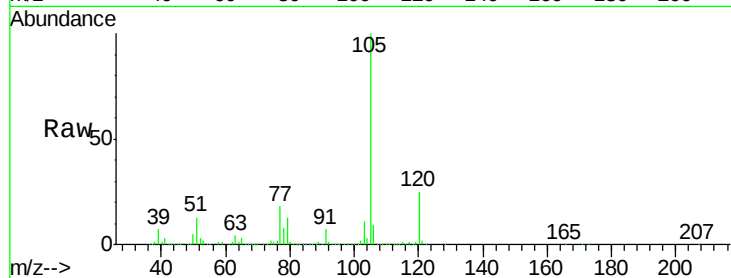
VSTDIC100

Tgt Ion:105 Resp: 2828678

Ion Ratio Lower Upper

105 100

120 25.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

1500000

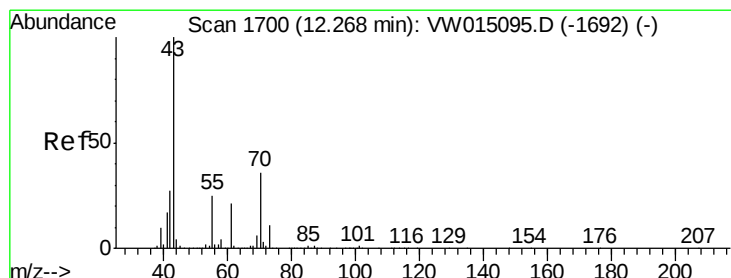
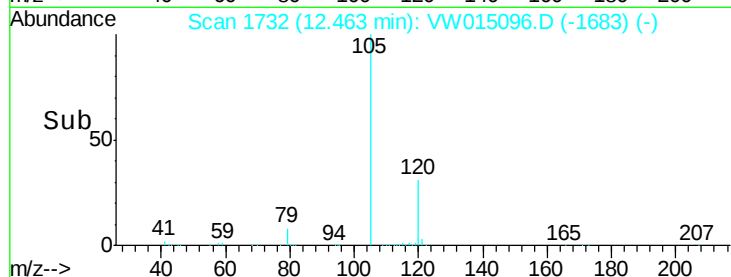
1000000

500000

0

Time-->

12.40 12.50 12.60



#74

N-ethyl acetate

Concen: 117.67 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Tgt Ion: 43 Resp: 931754

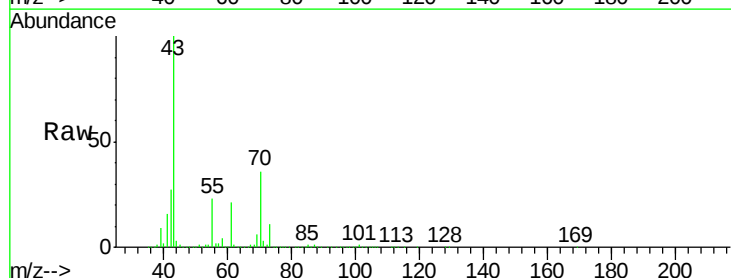
Ion Ratio Lower Upper

43 100

70 36.5 29.4 44.2

55 24.0 20.3 30.5

61 21.8 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

1000000

800000

600000

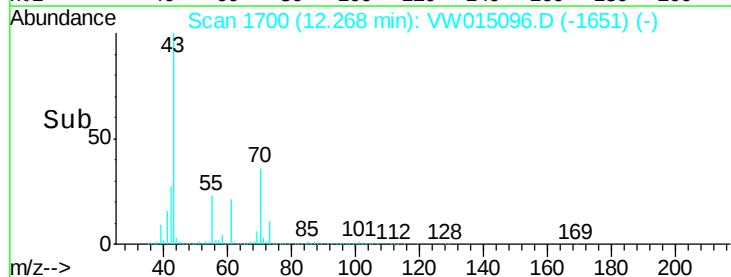
400000

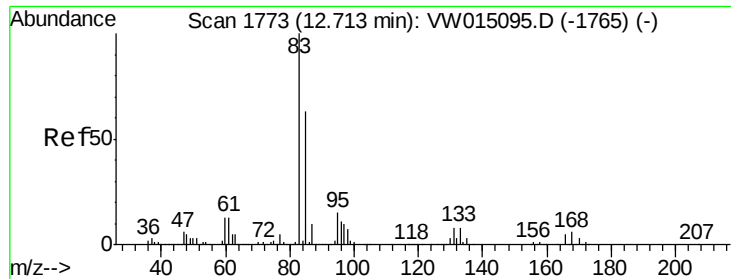
200000

0

Time-->

12.20 12.30 12.40





#75

1,1,2,2-Tetrachloroethane

Concen: 102.42 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

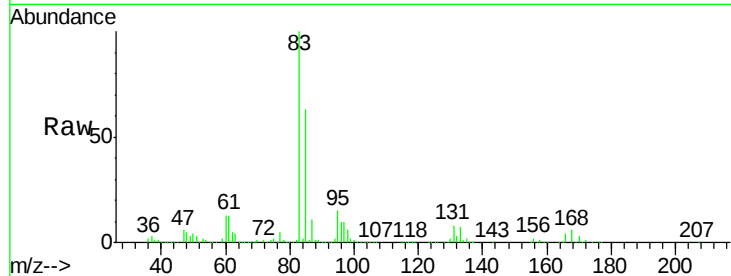
Tgt Ion: 83 Resp: 557236

Ion Ratio Lower Upper

83 100

131 8.5 4.3 13.1

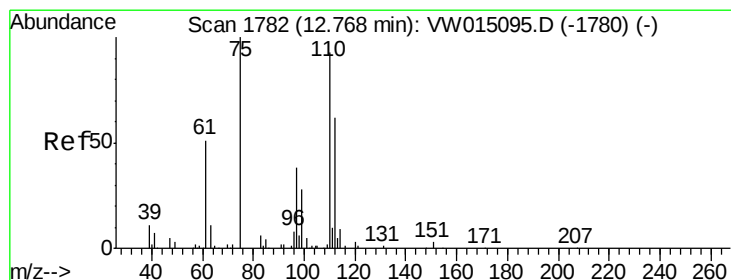
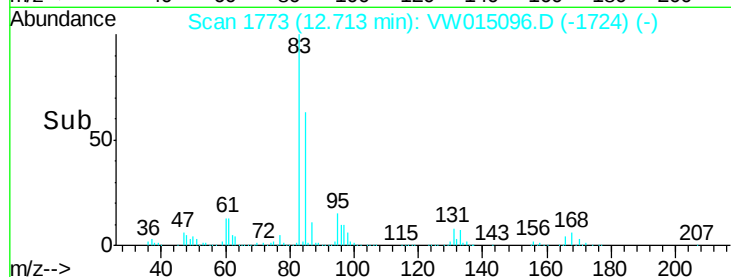
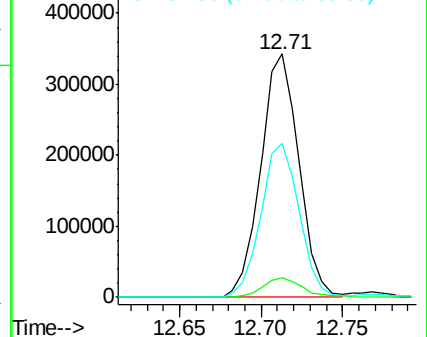
85 63.6 31.5 94.5



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: 115.42 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW015096.D

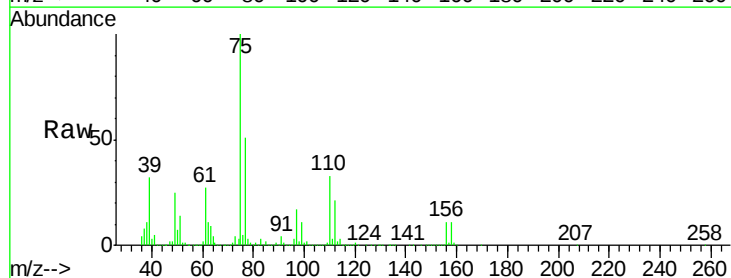
Acq: 09 Mar 2020 12:21

Tgt Ion: 75 Resp: 750285

Ion Ratio Lower Upper

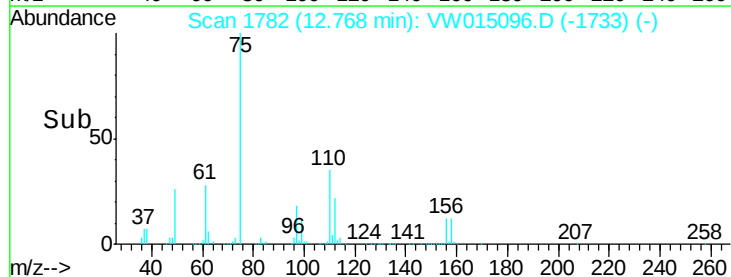
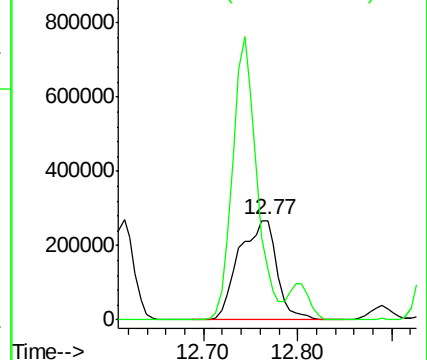
75 100

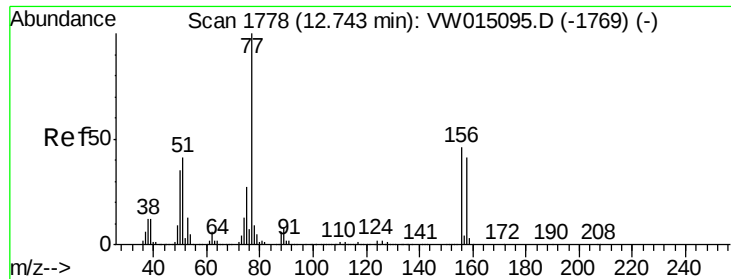
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 101.56 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

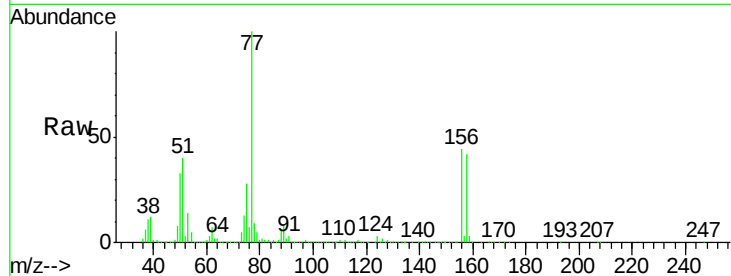
Tgt Ion:156 Resp: 537838

Ion Ratio Lower Upper

156 100

77 255.1 126.6 379.8

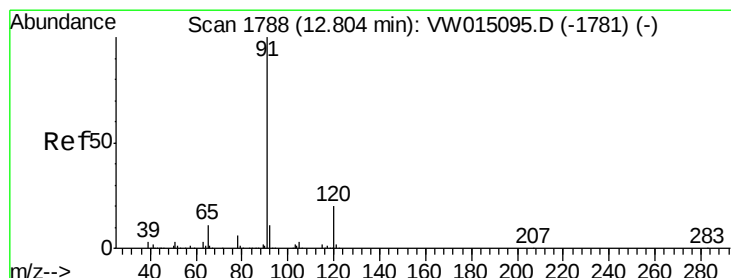
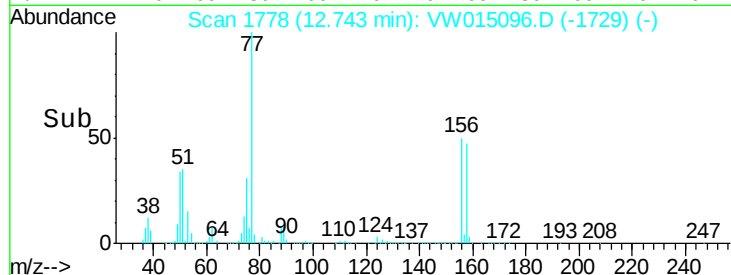
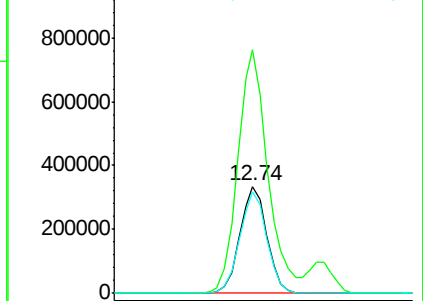
158 95.3 47.4 142.2



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 104.22 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015096.D

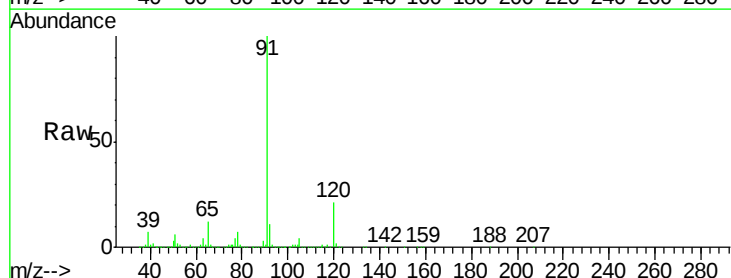
Acq: 09 Mar 2020 12:21

Tgt Ion: 91 Resp: 3629056

Ion Ratio Lower Upper

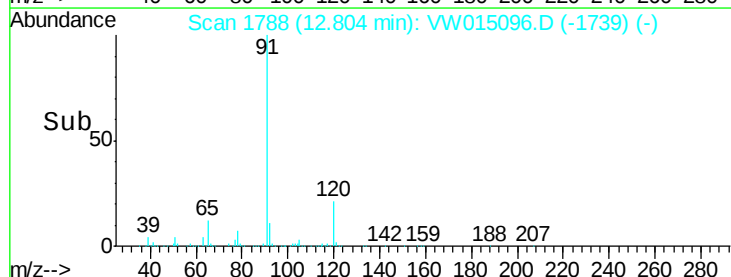
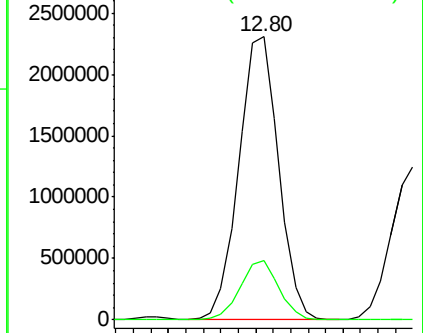
91 100

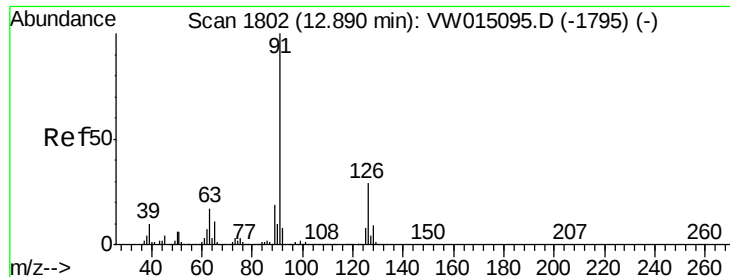
120 20.3 10.2 30.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 101.96 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

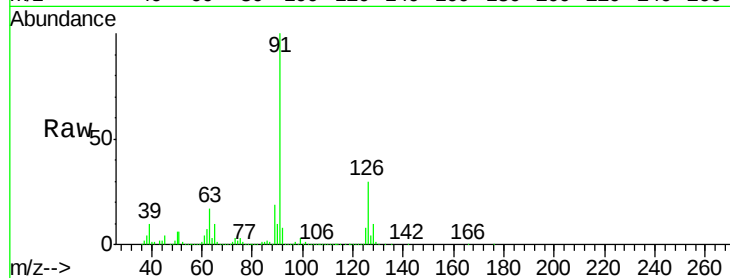
VSTDIC100

Tgt Ion: 91 Resp: 1996256

Ion Ratio Lower Upper

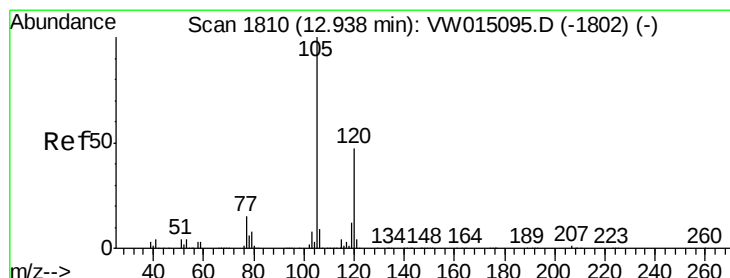
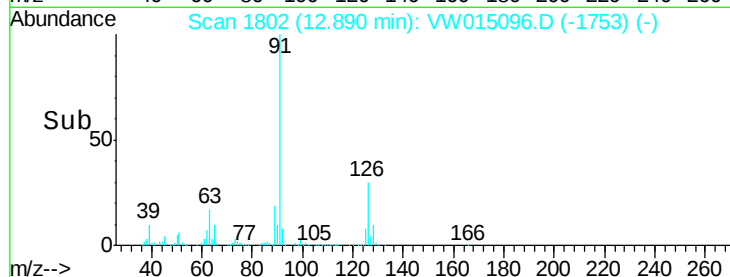
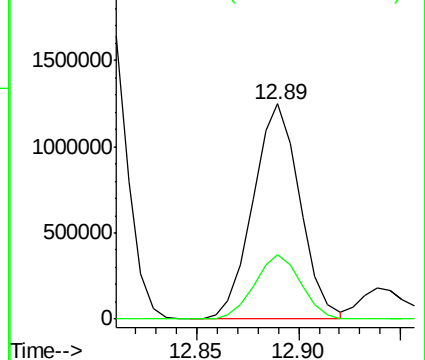
91 100

126 29.7 14.5 43.6



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 103.04 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VW015096.D

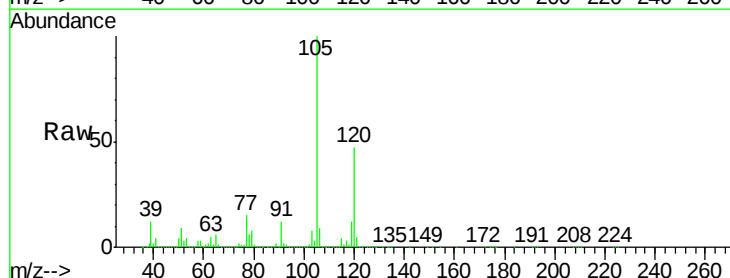
Acq: 09 Mar 2020 12:21

Tgt Ion: 105 Resp: 2373861

Ion Ratio Lower Upper

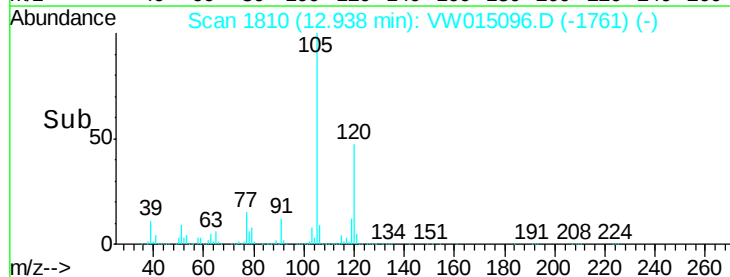
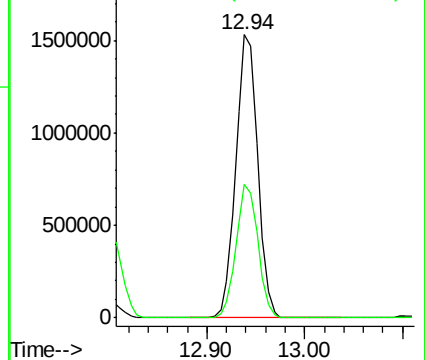
105 100

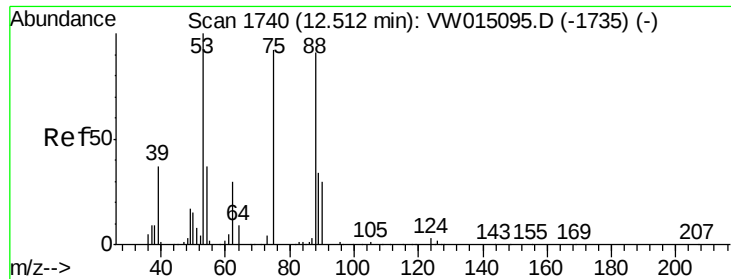
120 46.9 23.3 69.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

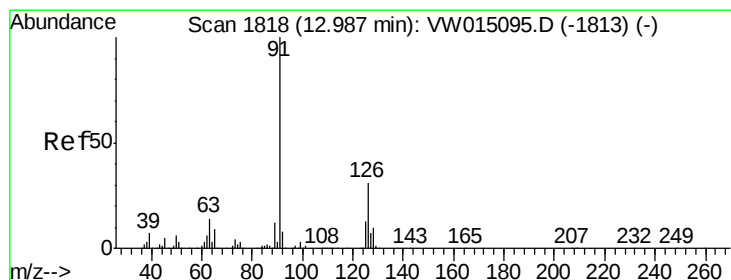
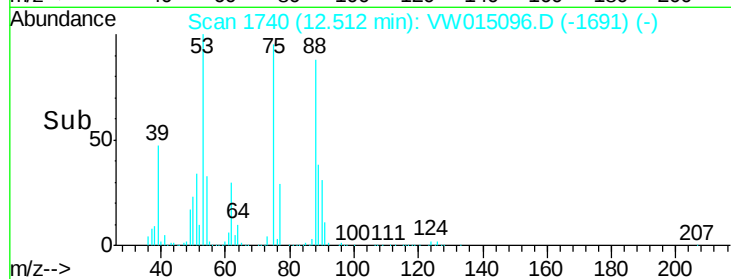
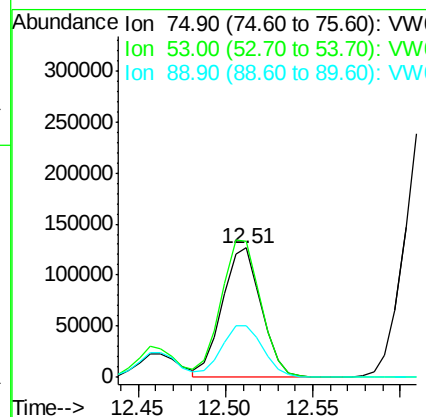
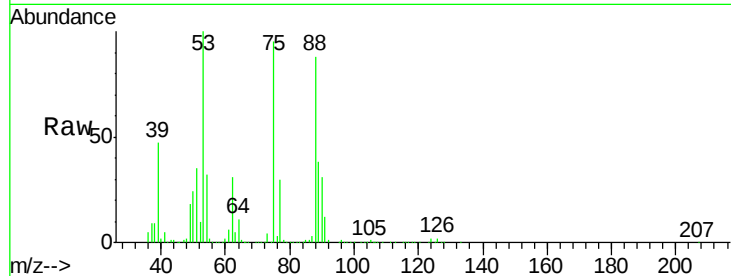




#81
trans-1,4-Dichloro-2-butene
Concen: 111.07 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

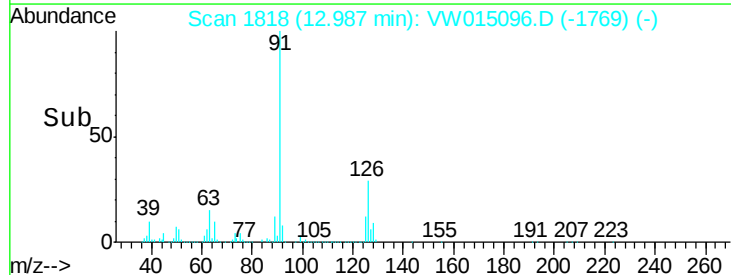
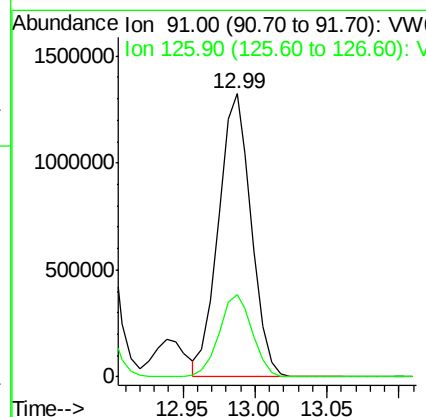
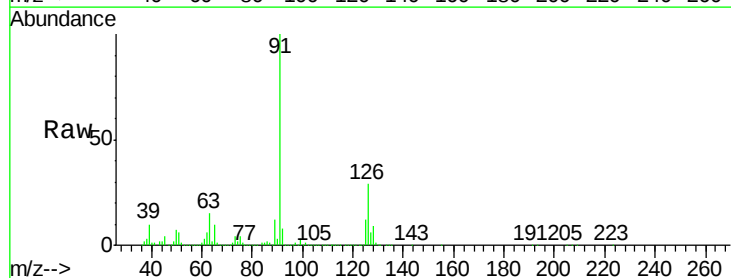
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

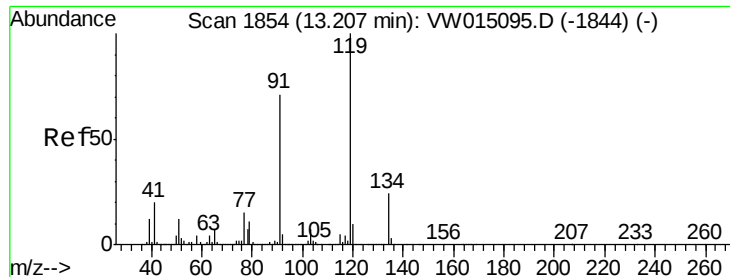
Tgt Ion: 75 Resp: 194940
Ion Ratio Lower Upper
75 100
53 109.1 88.4 132.6
89 43.0 33.1 49.7



#82
4-Chlorotoluene
Concen: 100.33 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion: 91 Resp: 2091859
Ion Ratio Lower Upper
91 100
126 29.5 14.8 44.4





#83

tert-Butylbenzene

Concen: 106.23 ug/l

RT: 13.20 min Scan# 1853

Delta R.T. -0.01 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

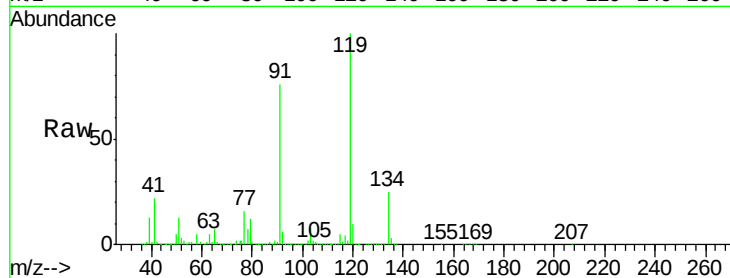
Tgt Ion:119 Resp: 1982651

Ion Ratio Lower Upper

119 100

91 72.2 35.7 107.1

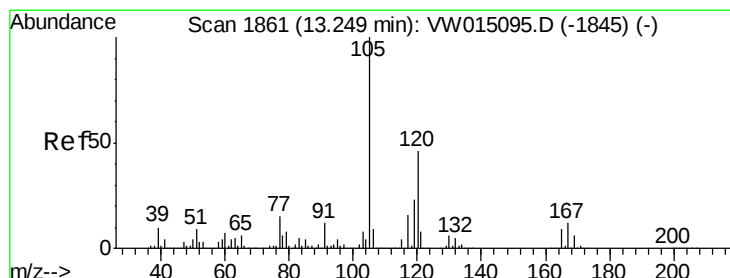
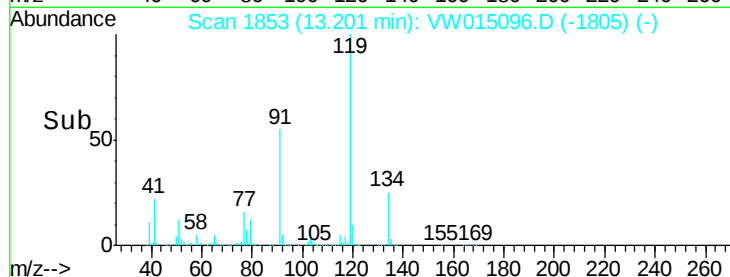
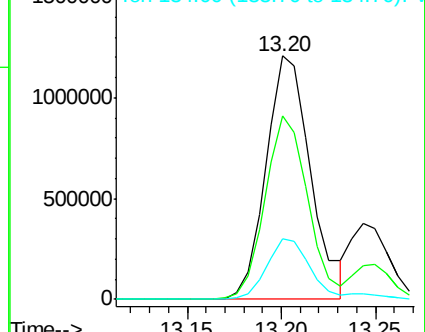
134 25.7 12.7 38.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 104.17 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VW015096.D

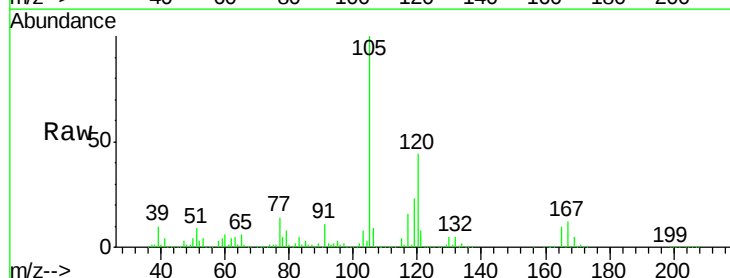
Acq: 09 Mar 2020 12:21

Tgt Ion:105 Resp: 2399698

Ion Ratio Lower Upper

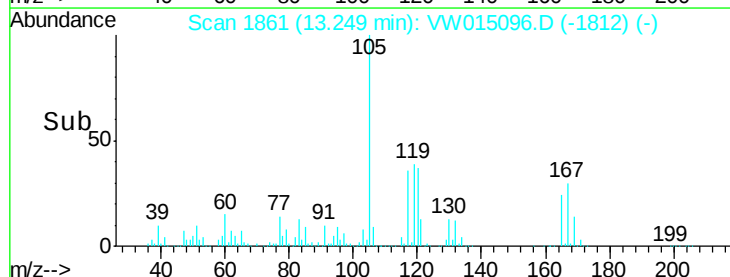
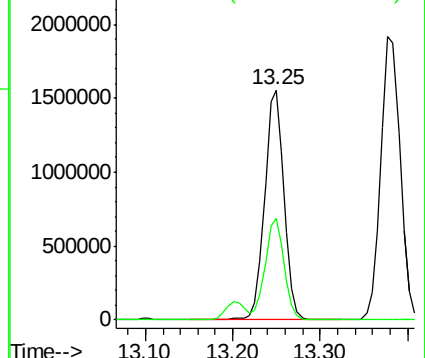
105 100

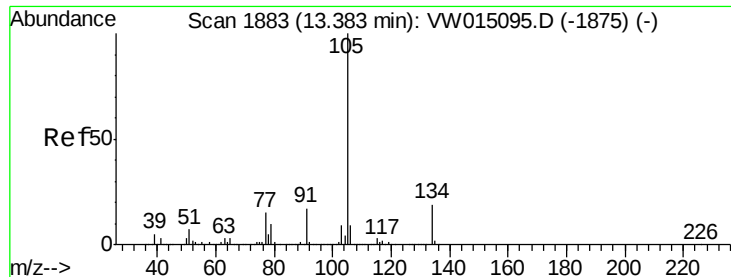
120 43.6 22.1 66.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

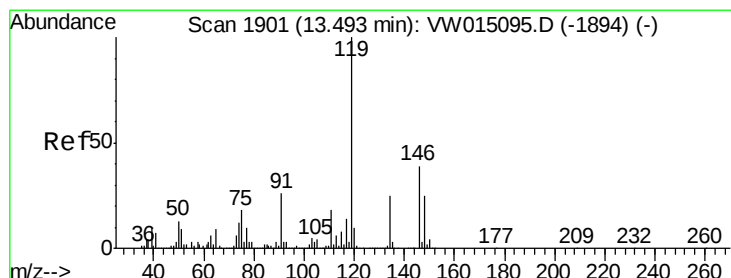
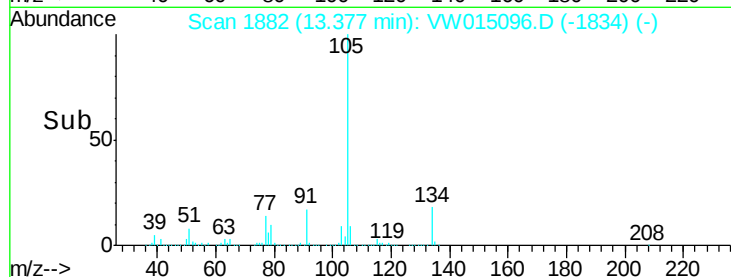
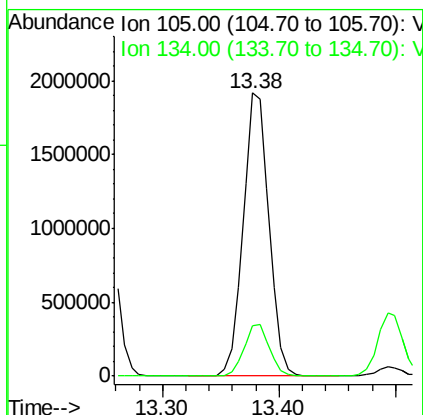
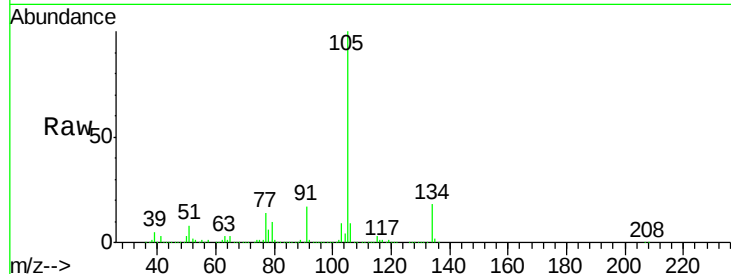




#85
 sec-Butylbenzene
 Concen: 104.36 ug/l
 RT: 13.38 min Scan# 1882
 Delta R.T. -0.01 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

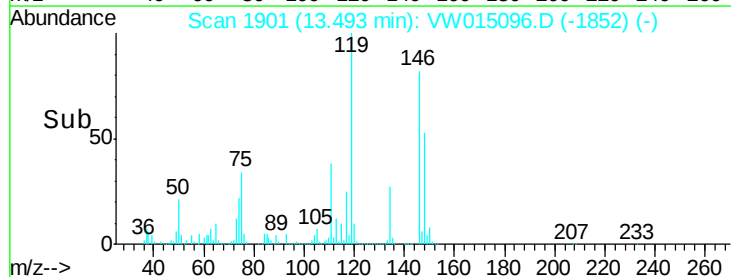
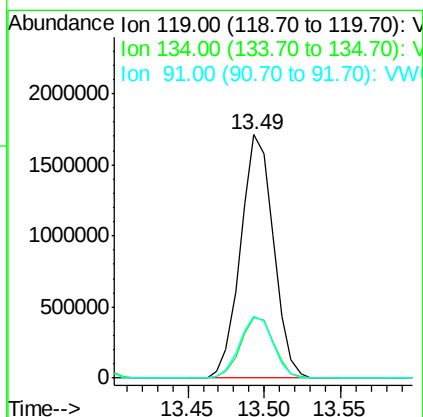
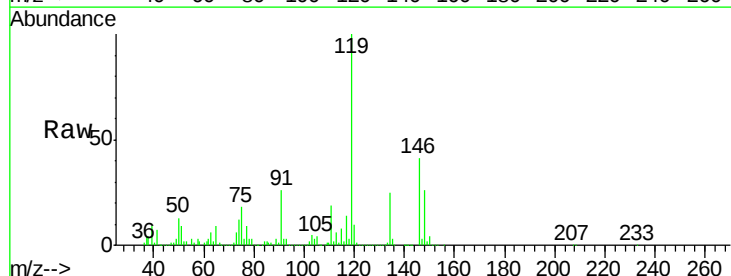
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

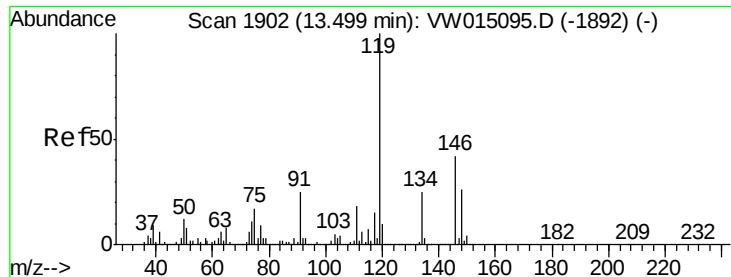
Tgt Ion:105 Resp: 2947686
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 104.98 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion:119 Resp: 2548812
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.8
 91 26.0 12.9 38.6

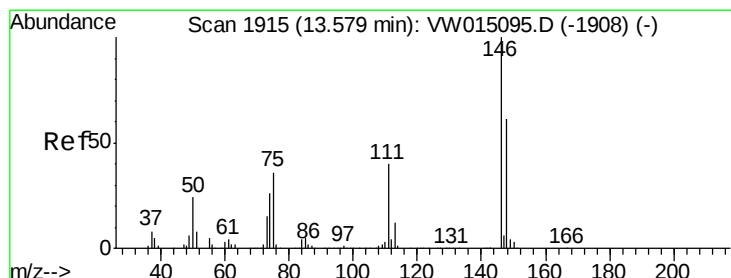
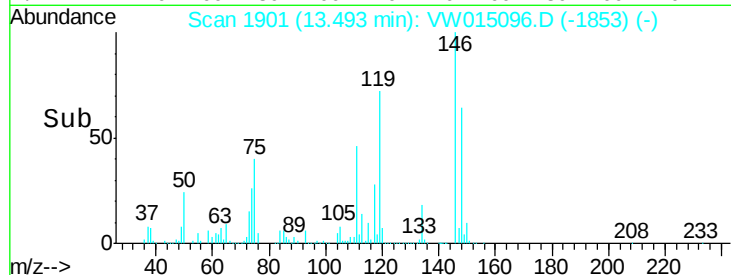
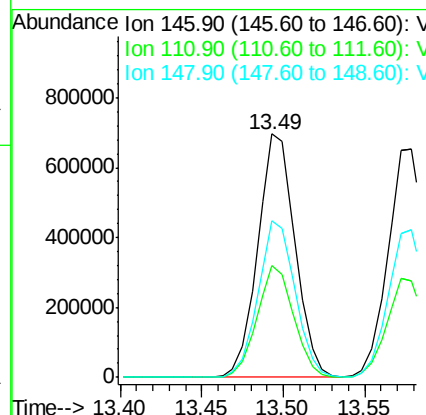
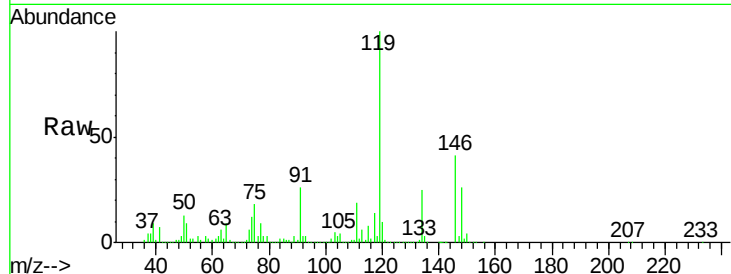




#87
 1,3-Dichlorobenzene
 Concen: 98.54 ug/l
 RT: 13.49 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

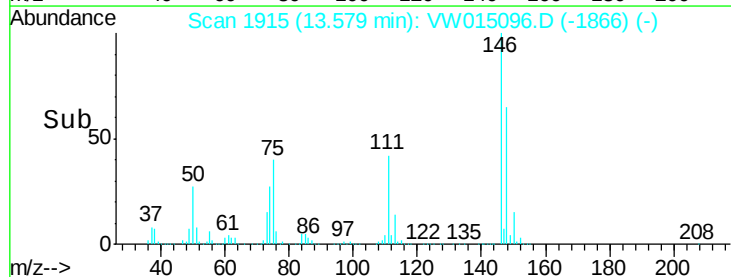
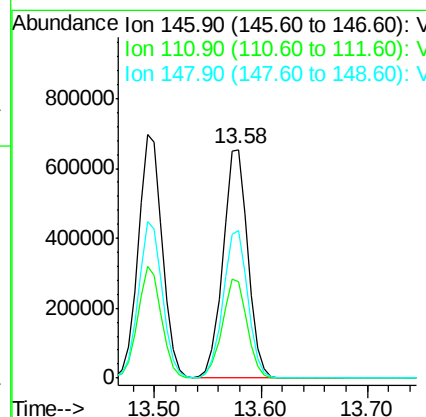
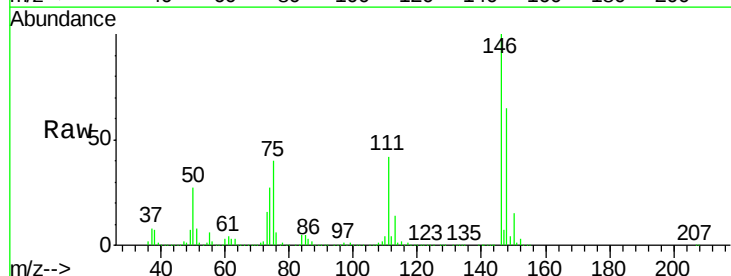
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

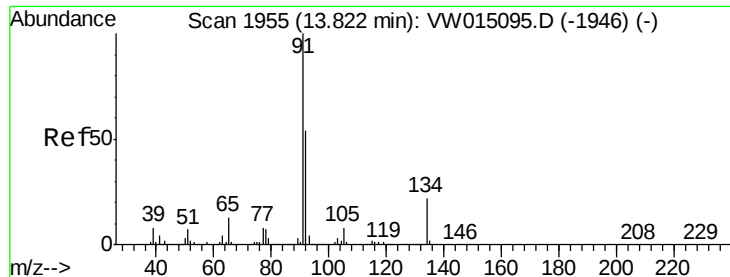
Tgt Ion:146 Resp: 1105759
 Ion Ratio Lower Upper
 146 100
 111 44.7 22.5 67.5
 148 63.6 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 95.97 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion:146 Resp: 1060398
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.3 63.9
 148 64.3 31.6 94.8





#89

n-Butylbenzene

Concen: 106.23 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

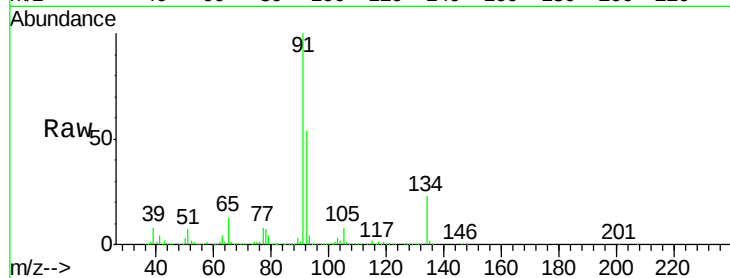
Tgt Ion: 91 Resp: 2781434

Ion Ratio Lower Upper

91 100

92 53.8 26.8 80.3

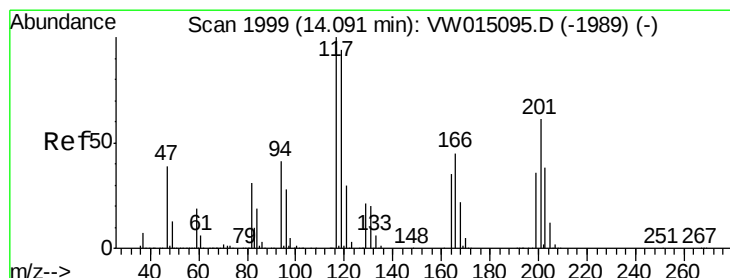
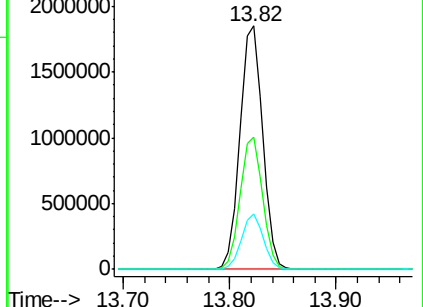
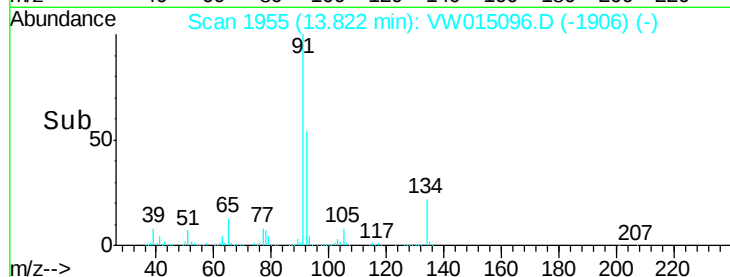
134 22.0 10.8 32.4



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 99.28 ug/l

RT: 14.09 min Scan# 1999

Delta R.T. 0.00 min

Lab File: VW015096.D

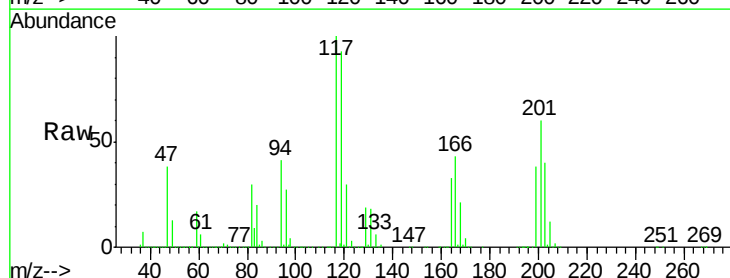
Acq: 09 Mar 2020 12:21

Tgt Ion: 117 Resp: 483404

Ion Ratio Lower Upper

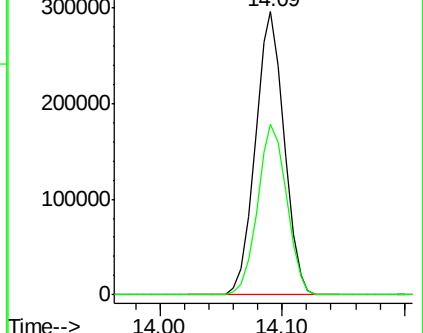
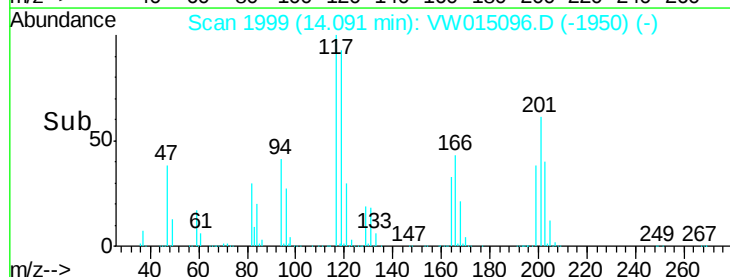
117 100

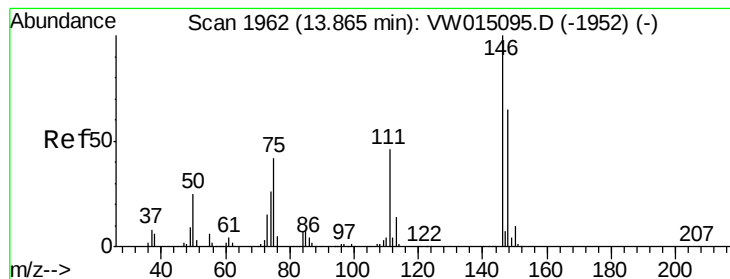
201 61.0 30.3 90.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 98.34 ug/l

RT: 13.87 min Scan# 1962

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

Instrument :

MSVOA_W

ClientSampled :

VSTDIC100

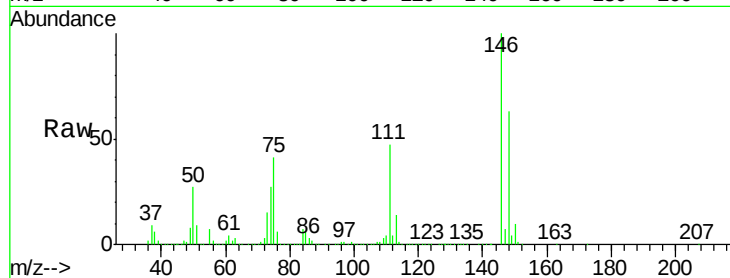
Tgt Ion:146 Resp: 966448

Ion Ratio Lower Upper

146 100

111 46.4 23.1 69.2

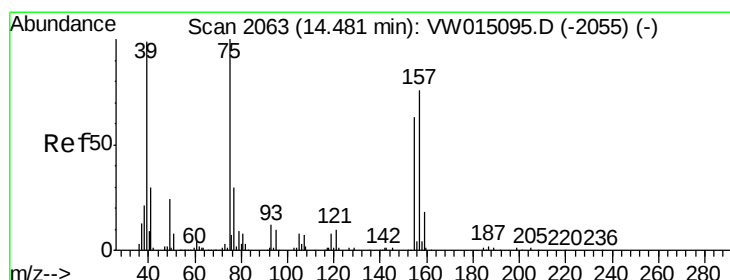
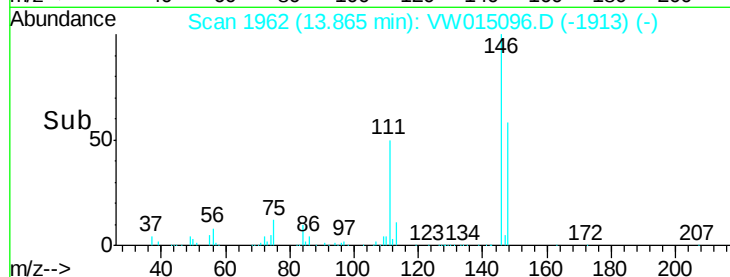
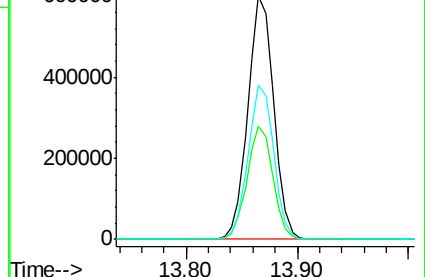
148 63.3 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 107.64 ug/l

RT: 14.48 min Scan# 2063

Delta R.T. 0.00 min

Lab File: VW015096.D

Acq: 09 Mar 2020 12:21

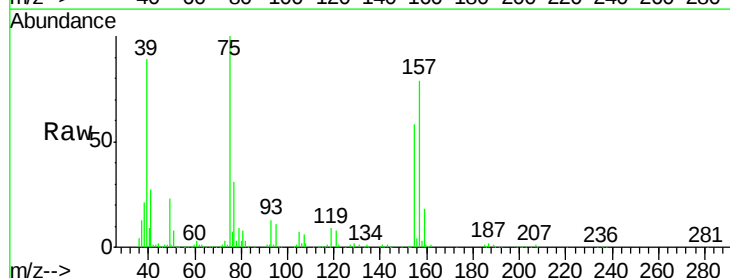
Tgt Ion: 75 Resp: 94041

Ion Ratio Lower Upper

75 100

155 62.6 32.1 96.3

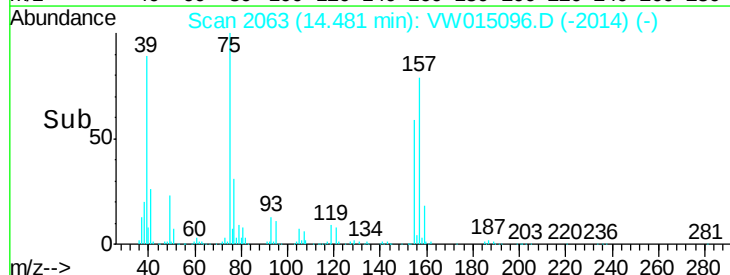
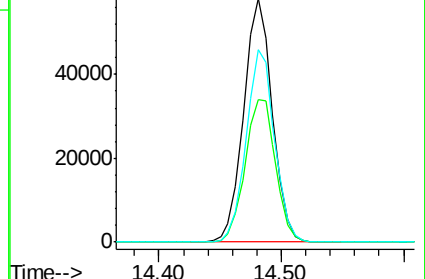
157 78.3 39.6 118.7

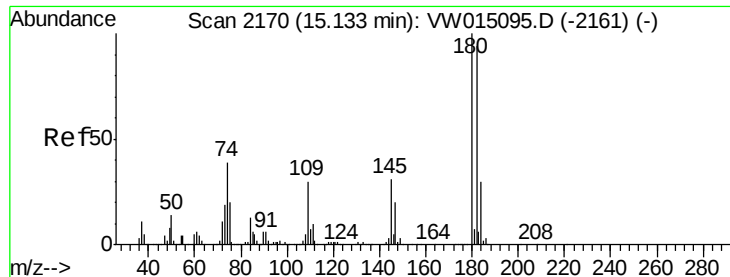


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

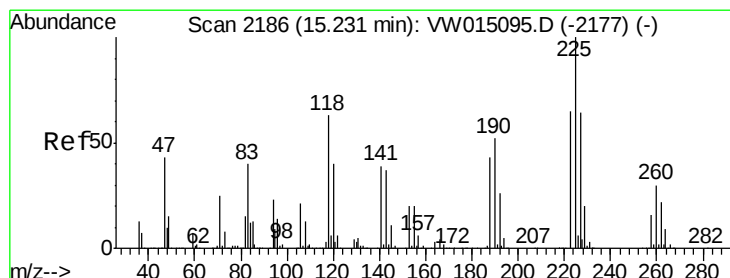
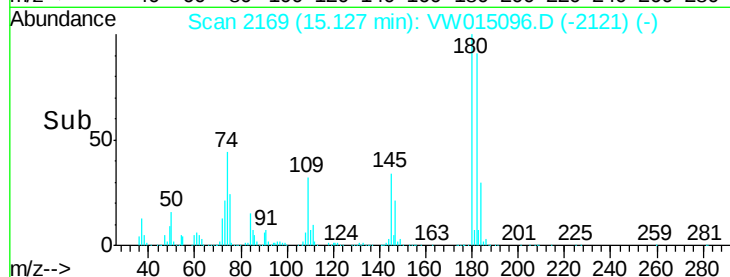
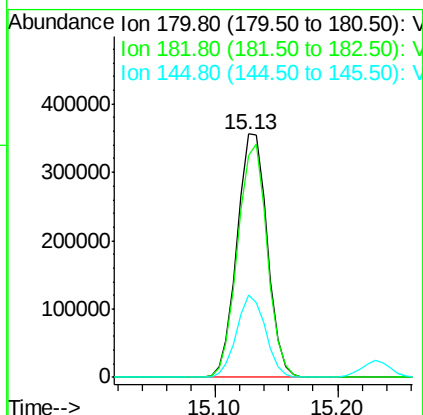
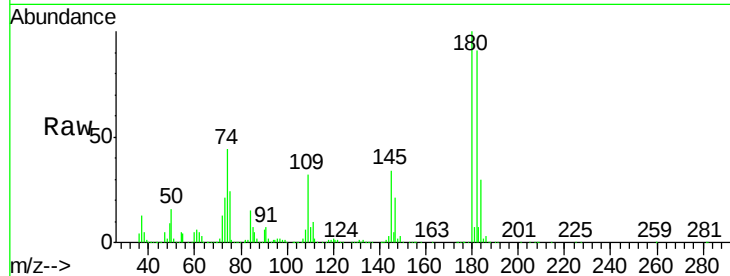




#93
 1,2,4-Trichlorobenzene
 Concen: 108.44 ug/l
 RT: 15.13 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

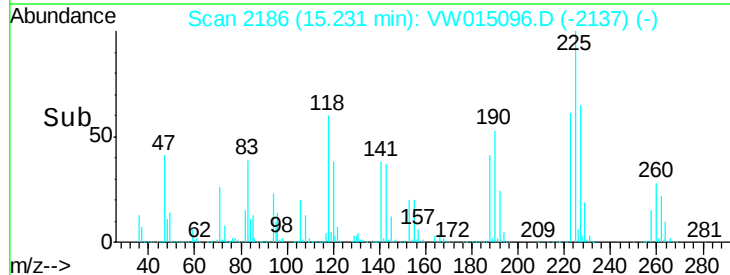
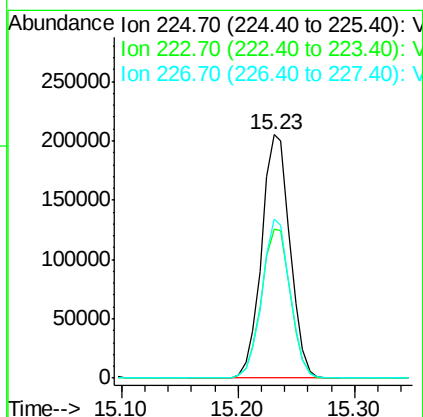
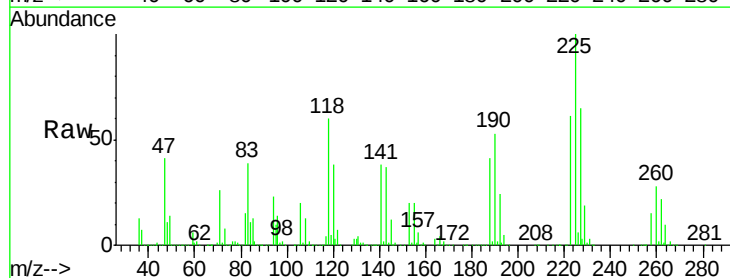
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

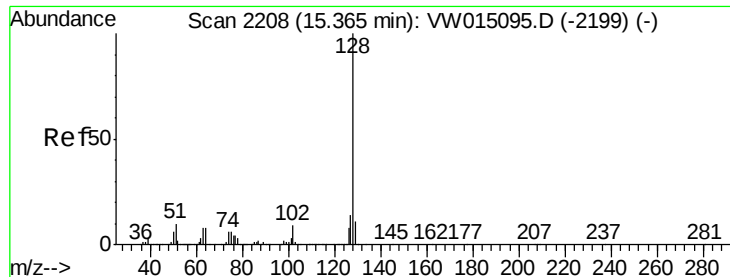
Tgt Ion:180 Resp: 609867
 Ion Ratio Lower Upper
 180 100
 182 93.7 47.6 142.9
 145 32.5 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 97.64 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VW015096.D
 Acq: 09 Mar 2020 12:21

Tgt Ion:225 Resp: 344773
 Ion Ratio Lower Upper
 225 100
 223 62.8 32.5 97.4
 227 64.0 33.0 99.0

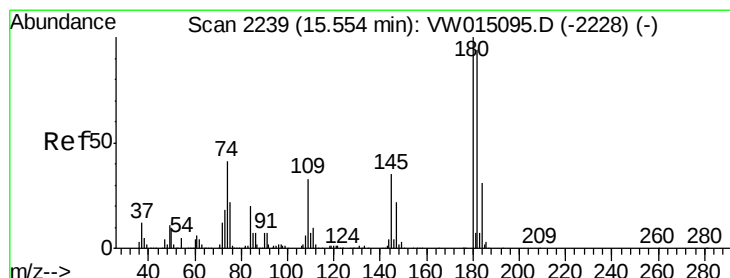
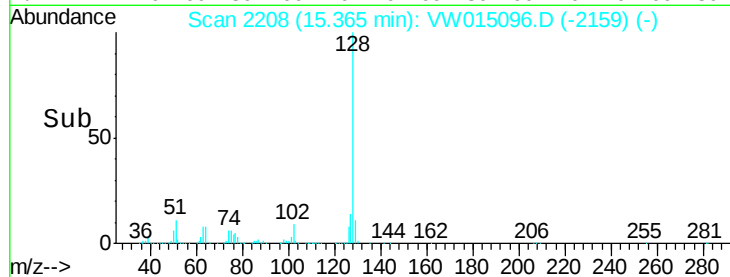
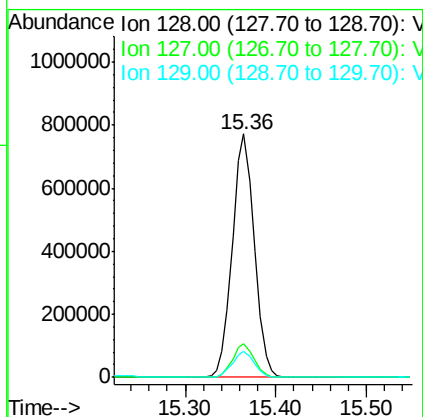
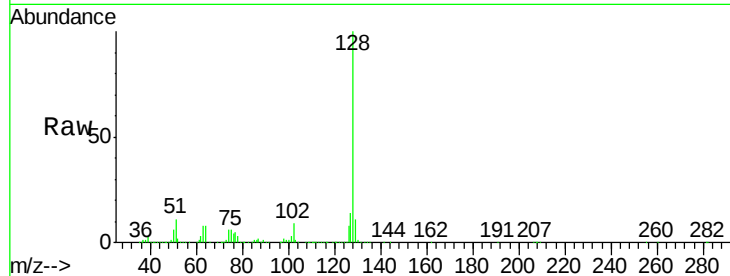




#95
Naphthalene
Concen: 123.89 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 1300984
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.7 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 107.37 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015096.D
Acq: 09 Mar 2020 12:21

Tgt Ion:180 Resp: 535592
Ion Ratio Lower Upper
180 100
182 92.9 47.9 143.7
145 34.7 17.5 52.6

