

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082820\
 Data File : VW016396.D
 Acq On : 28 Aug 2020 12:33
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Quant Time: Aug 28 14:27:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	182784	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	295102	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	264495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131887	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	9744	5.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.98%	
35) Dibromofluoromethane	7.88	113	10311	5.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.38%	
50) Toluene-d8	10.32	98	37020	5.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.62%	
62) 4-Bromofluorobenzene	12.62	95	14125	5.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	4483	3.639 ug/l	98
3) Chloromethane	2.21	50	5021	3.931 ug/l	98
4) Vinyl Chloride	2.36	62	7605	4.240 ug/l	98
5) Bromomethane	2.78	94	5394	4.753 ug/l	96
6) Chloroethane	2.92	64	4172	4.094 ug/l #	83
7) Trichlorofluoromethane	3.26	101	8723	5.642 ug/l	95
8) Diethyl Ether	3.68	74	4618	4.953 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	8992	4.632 ug/l	97
10) Methyl Iodide	4.27	142	12554	4.434 ug/l	99
11) Tert butyl alcohol	5.23	59	2690	27.640 ug/l #	72
12) 1,1-Dichloroethene	4.04	96	8785	4.450 ug/l	98
13) Acrolein	3.90	56	2207	17.227 ug/l	88
14) Allyl chloride	4.67	41	10830	4.142 ug/l	98
15) Acrylonitrile	5.37	53	8112	23.298 ug/l	98
16) Acetone	4.14	43	8935	27.372 ug/l #	88
17) Carbon Disulfide	4.38	76	24326	4.224 ug/l	98
18) Methyl Acetate	4.68	43	3785	4.851 ug/l	90
19) Methyl tert-butyl Ether	5.43	73	13686	5.506 ug/l #	87
20) Methylene Chloride	4.92	84	19451	7.704 ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	10039	4.664 ug/l	92
22) Diisopropyl ether	6.31	45	21625	4.380 ug/l	93
23) Vinyl Acetate	6.26	43	63224	22.288 ug/l	99
24) 1,1-Dichloroethane	6.22	63	16264	4.679 ug/l	95
25) 2-Butanone	7.18	43	11779	26.556 ug/l	95
26) 2,2-Dichloropropane	7.16	77	14387	6.258 ug/l	92
27) cis-1,2-Dichloroethene	7.17	96	10674	4.772 ug/l	89
28) Bromochloromethane	7.51	49	5507	4.232 ug/l	98
29) Tetrahydrofuran	7.53	42	6541	24.527 ug/l	97
30) Chloroform	7.68	83	17888	4.878 ug/l	93
31) Cyclohexane	7.96	56	17125	5.369 ug/l #	81
32) 1,1,1-Trichloroethane	7.87	97	16059	5.174 ug/l	99
36) 1,1-Dichloropropene	8.09	75	14336	4.931 ug/l	99
37) Ethyl Acetate	7.26	43	4561	4.631 ug/l #	95
38) Carbon Tetrachloride	8.07	117	15623	5.294 ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082820\
 Data File : VW016396.D
 Acq On : 28 Aug 2020 12:33
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC005

Quant Time: Aug 28 14:27:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 28 14:25:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	16446	4.707	ug/l	98
40) Benzene	8.33	78	37757	4.645	ug/l	100
41) Methacrylonitrile	7.49	41	2682	4.788	ug/l	96
42) 1,2-Dichloroethane	8.40	62	11781	5.382	ug/l	99
43) Isopropyl Acetate	8.43	43	9349	5.006	ug/l	96
44) Trichloroethene	9.10	130	11598	4.981	ug/l	97
45) 1,2-Dichloropropane	9.37	63	8913	4.680	ug/l	98
46) Dibromomethane	9.46	93	5269	5.181	ug/l	98
47) Bromodichloromethane	9.65	83	13390	5.070	ug/l #	99
48) Methyl methacrylate	9.45	41	4685	5.411	ug/l	92
49) 1,4-Dioxane	9.49	88	1437	112.758	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	23333	24.874	ug/l	95
52) Toluene	10.39	92	25204	4.830	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	12514	5.101	ug/l	90
54) cis-1,3-Dichloropropene	10.08	75	14665	4.866	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	7680	5.254	ug/l	90
56) Ethyl methacrylate	10.65	69	7973	4.822	ug/l	96
57) 1,3-Dichloropropane	10.93	76	12284	4.969	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.93	63	21093	27.969	ug/l	97
59) 2-Hexanone	10.97	43	15036	23.518	ug/l	97
60) Dibromochloromethane	11.13	129	8819	5.011	ug/l	96
61) 1,2-Dibromoethane	11.24	107	7374	5.238	ug/l	98
64) Tetrachloroethene	10.86	164	9605	5.425	ug/l	93
65) Chlorobenzene	11.66	112	28616	5.220	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	10222	5.292	ug/l	96
67) Ethyl Benzene	11.73	91	47802	4.874	ug/l	100
68) m/p-Xylenes	11.84	106	37293	9.898	ug/l	97
69) o-Xylene	12.16	106	16915	5.038	ug/l	95
70) Styrene	12.18	104	27113	4.664	ug/l	97
71) Bromoform	12.35	173	5110	5.812	ug/l #	93
73) Isopropylbenzene	12.46	105	45940	4.567	ug/l	98
74) N-amyl acetate	12.27	43	8025	4.517	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	8223	4.935	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10722	8.895	ug/l	27
77) Bromobenzene	12.74	156	11764	5.238	ug/l	96
78) n-propylbenzene	12.80	91	56636	4.735	ug/l	98
79) 2-Chlorotoluene	12.89	91	33845	4.886	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	41800	4.820	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	2556	5.076	ug/l	94
82) 4-Chlorotoluene	12.99	91	35737	4.967	ug/l	100
83) tert-Butylbenzene	13.21	119	34501	4.864	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	42023	4.922	ug/l	100
85) sec-Butylbenzene	13.38	105	49209	4.802	ug/l	100
86) p-Isopropyltoluene	13.50	119	44774	4.795	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	23160	5.240	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	22744	5.170	ug/l	93
89) n-Butylbenzene	13.82	91	41685	4.849	ug/l	99
90) Hexachloroethane	14.10	117	8746	5.014	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	20095	5.157	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1442	5.493	ug/l	92

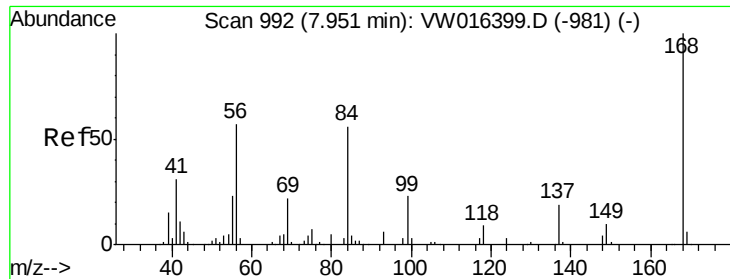
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW082820\
Data File : VW016396.D
Acq On : 28 Aug 2020 12:33
Operator : SY/VA
Sample : VSTDICC005
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC005

Quant Time: Aug 28 14:27:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082820S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 28 14:25:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	11850	5.032	ug/l	90
94) Hexachlorobutadiene	15.24	225	8158	5.723	ug/l	99
95) Naphthalene	15.37	128	19687	4.571	ug/l	97
96) 1,2,3-Trichlorobenzene	15.55	180	10947	5.421	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

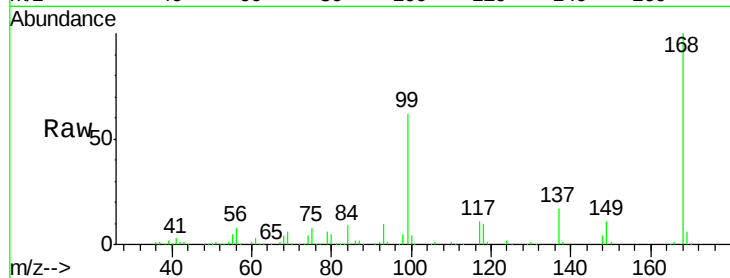
VSTDIC005

Tgt Ion:168 Resp: 182784

Ion Ratio Lower Upper

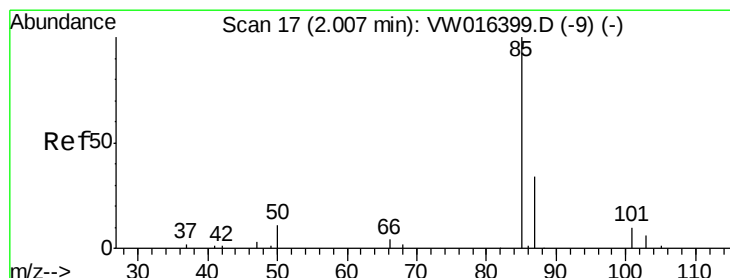
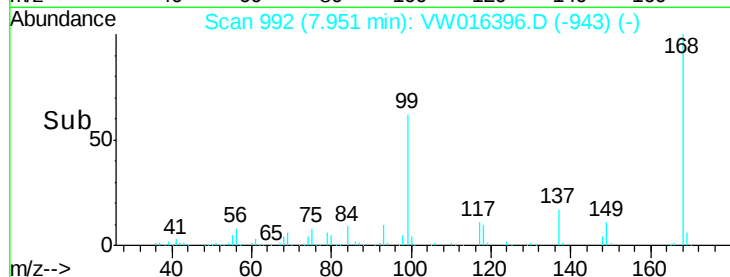
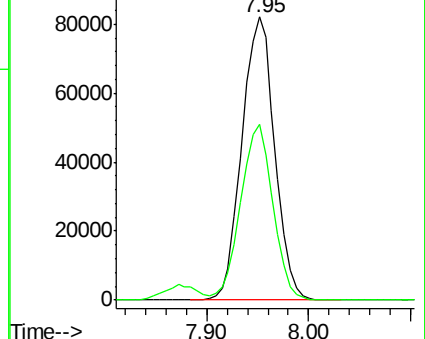
168 100

99 61.7 49.0 73.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 3.639 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW016396.D

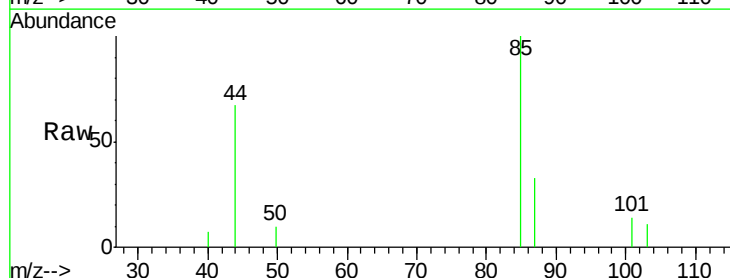
Acq: 28 Aug 2020 12:33

Tgt Ion: 85 Resp: 4483

Ion Ratio Lower Upper

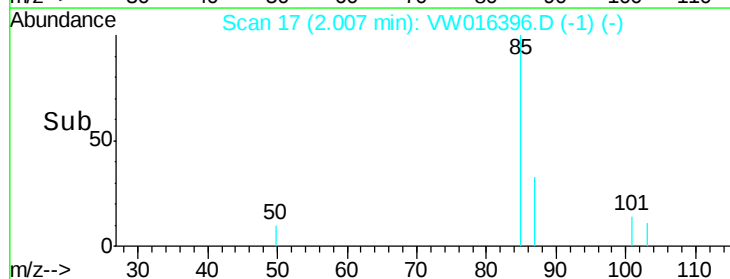
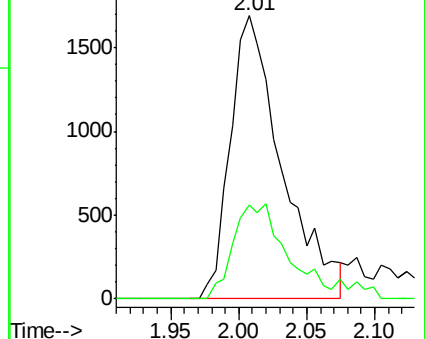
85 100

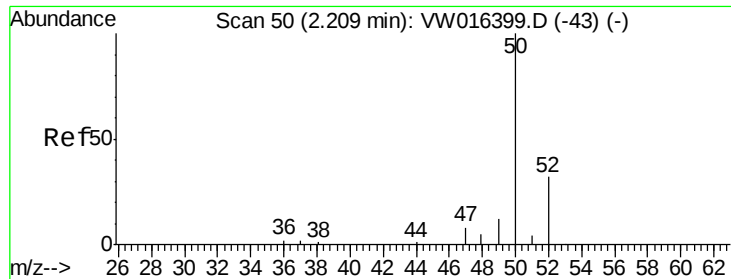
87 33.0 17.0 51.0



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 3.931 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

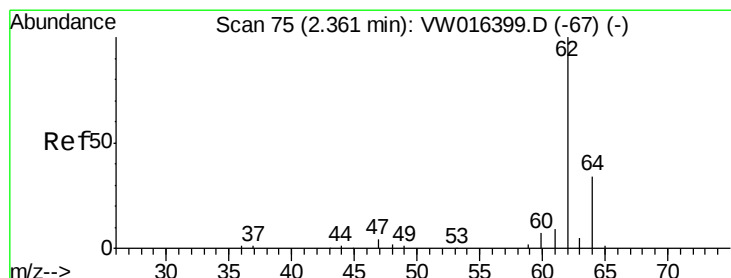
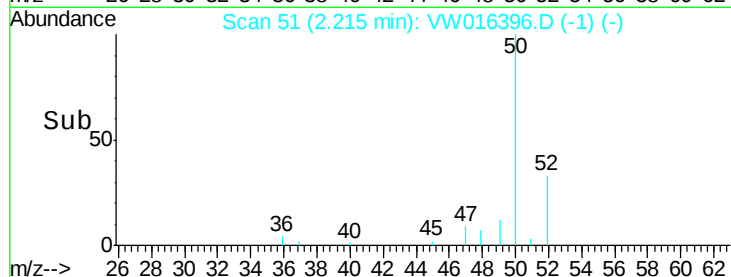
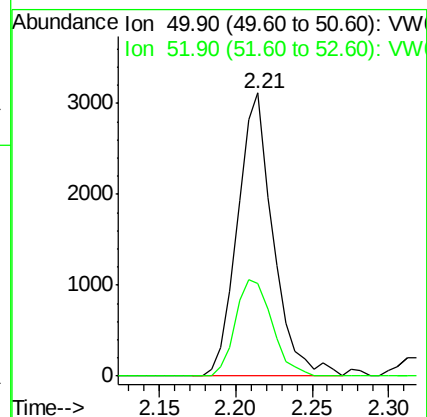
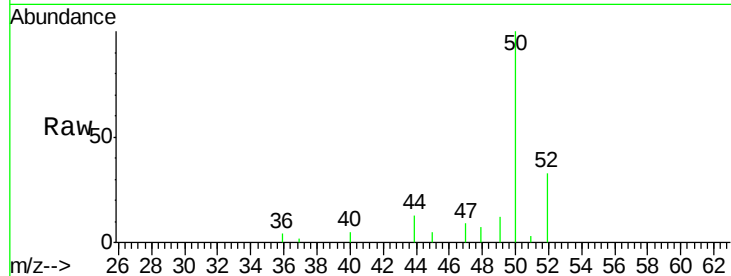
VSTDIC005

Tgt Ion: 50 Resp: 5021

Ion Ratio Lower Upper

50 100

52 32.8 25.5 38.3



#4

Vinyl Chloride

Concen: 4.240 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW016396.D

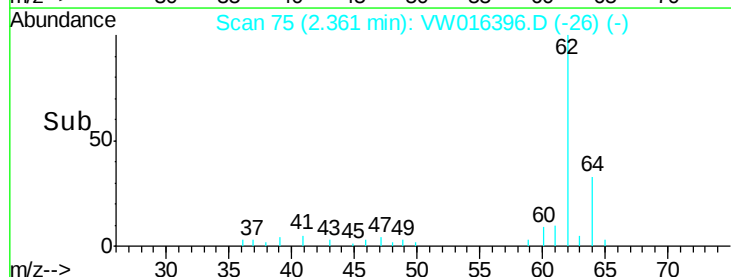
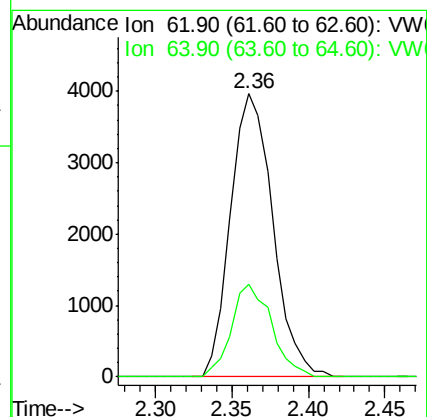
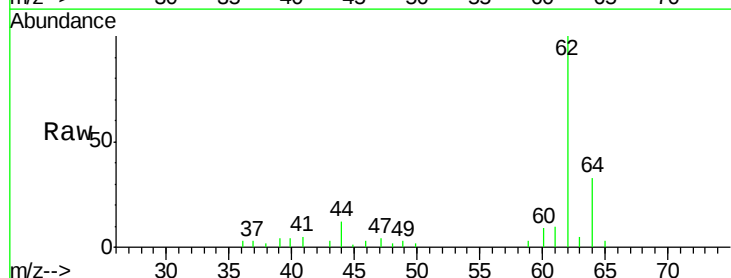
Acq: 28 Aug 2020 12:33

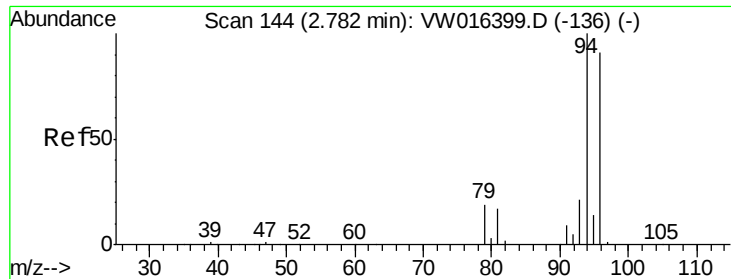
Tgt Ion: 62 Resp: 7605

Ion Ratio Lower Upper

62 100

64 32.8 27.2 40.8





#5

Bromomethane

Concen: 4.753 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

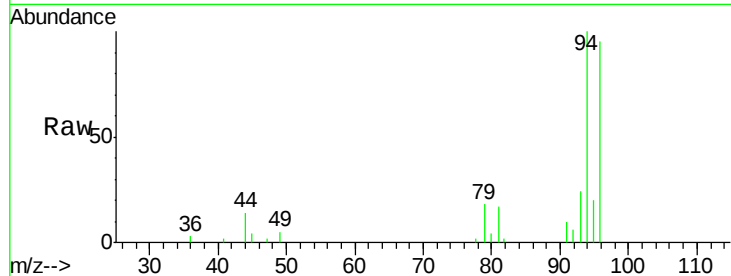
VSTDIC005

Tgt Ion: 94 Resp: 5394

Ion Ratio Lower Upper

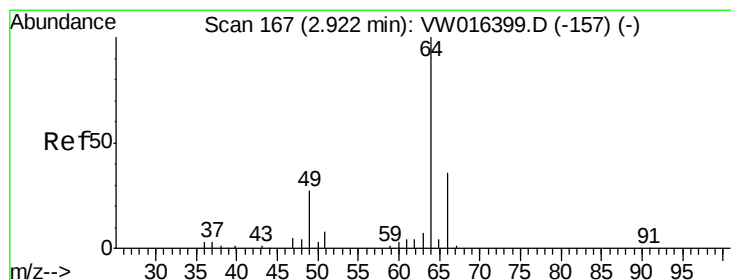
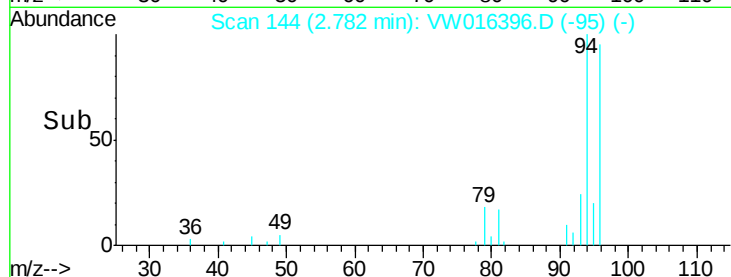
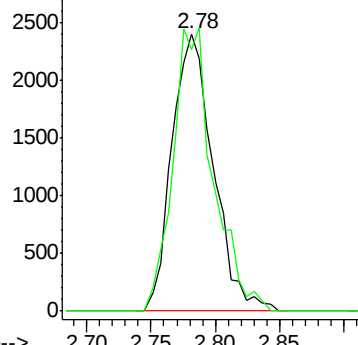
94 100

96 94.6 72.6 109.0



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 4.094 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW016396.D

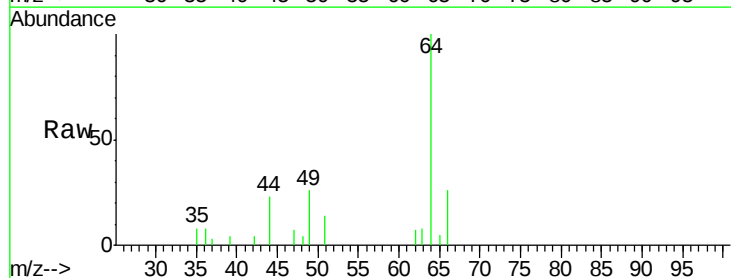
Acq: 28 Aug 2020 12:33

Tgt Ion: 64 Resp: 4172

Ion Ratio Lower Upper

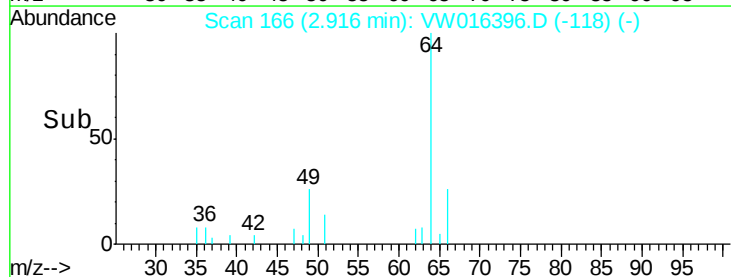
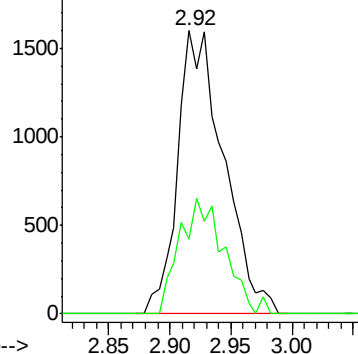
64 100

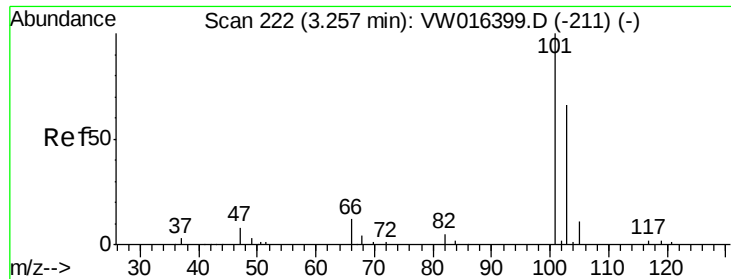
66 26.2 28.7 43.1#



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



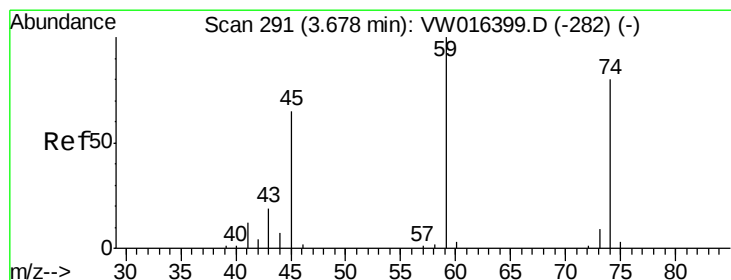
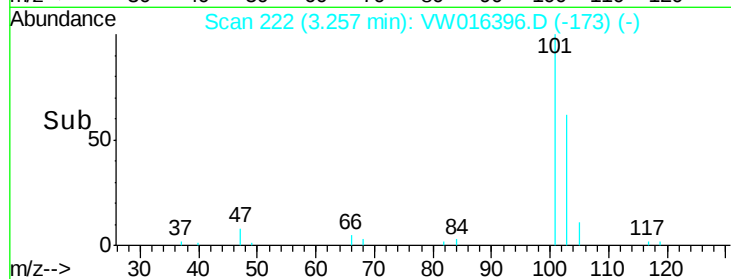
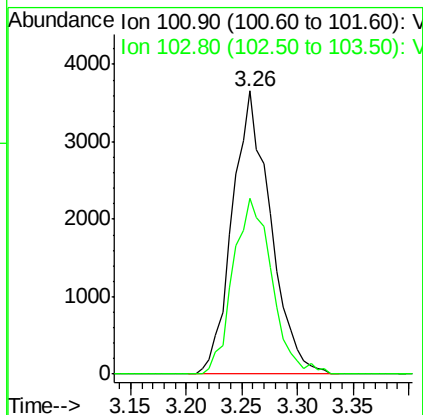
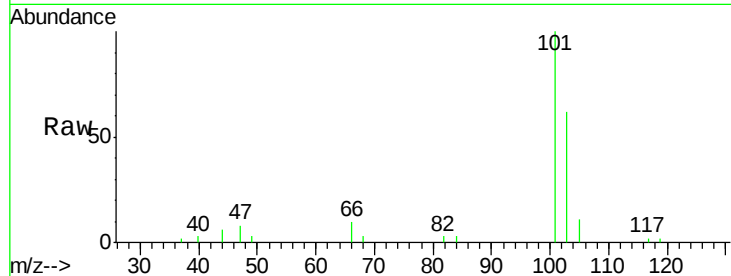


#7

Trichlorofluoromethane
 Concen: 5.642 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

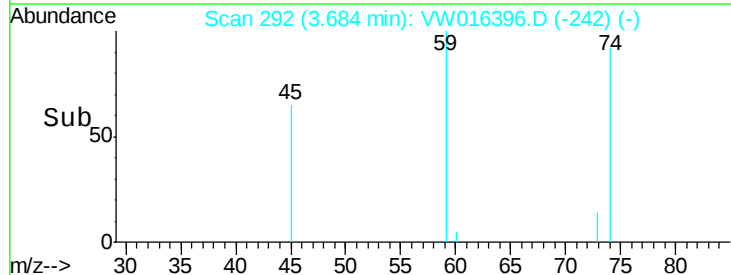
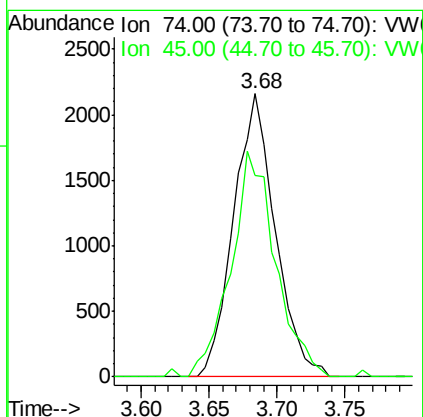
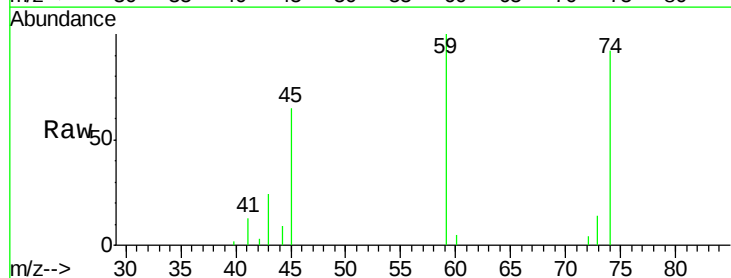
Tgt Ion: 101 Resp: 8723
 Ion Ratio Lower Upper
 101 100
 103 62.0 53.0 79.4

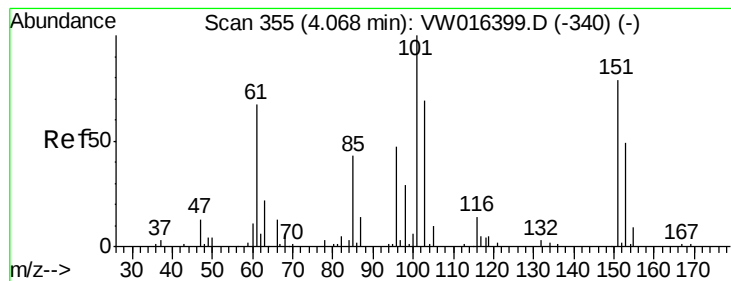


#8

Diethyl Ether
 Concen: 4.953 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 74 Resp: 4618
 Ion Ratio Lower Upper
 74 100
 45 85.4 42.0 126.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.632 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

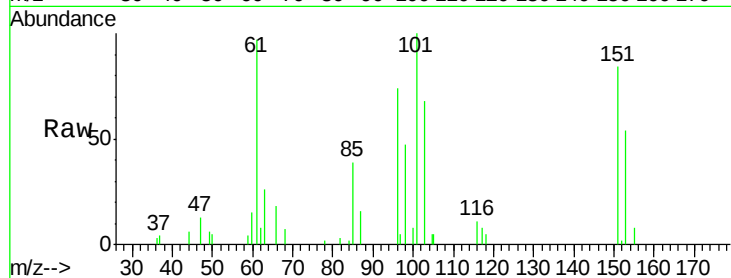
Tgt Ion:101 Resp: 8992

Ion Ratio Lower Upper

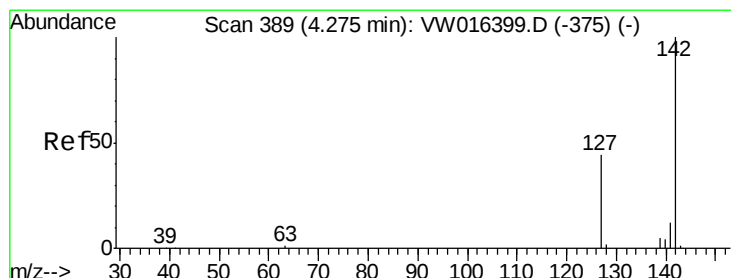
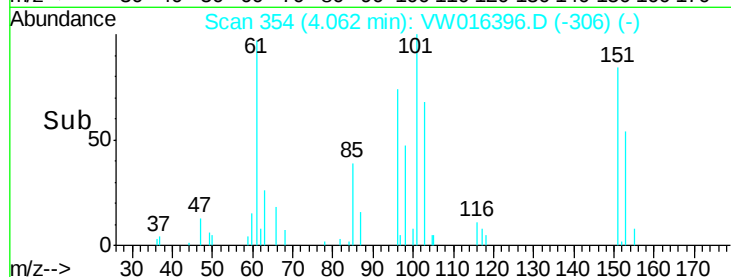
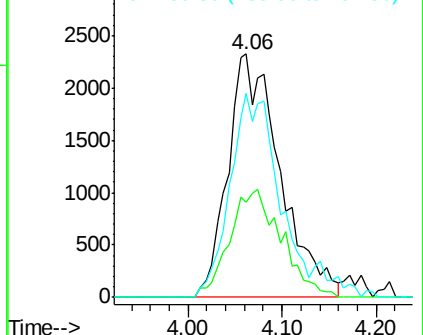
101 100

85 43.9 34.2 51.2

151 76.7 63.8 95.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.434 ug/l

RT: 4.27 min Scan# 388

Delta R.T. -0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

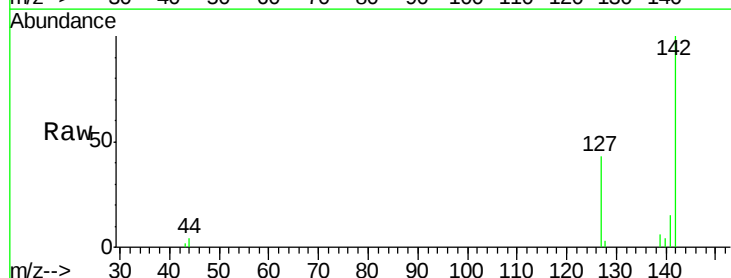
Tgt Ion:142 Resp: 12554

Ion Ratio Lower Upper

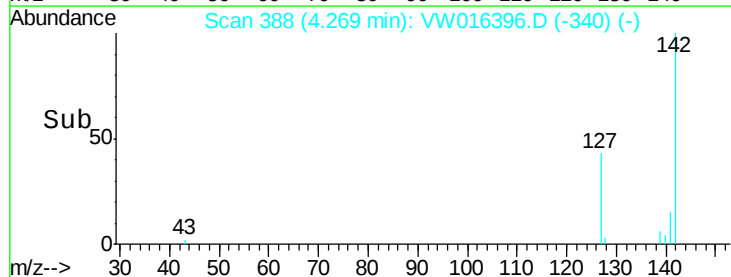
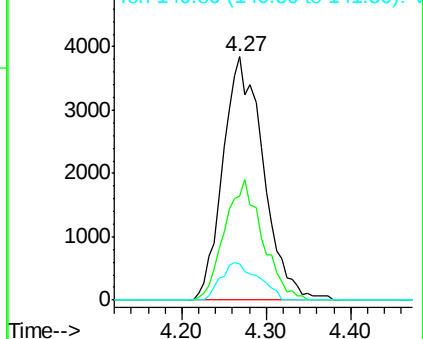
142 100

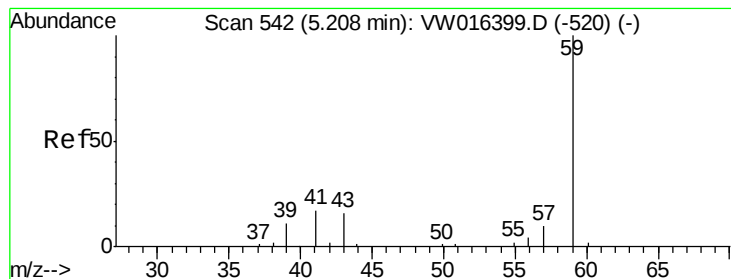
127 46.3 36.2 54.4

141 14.3 11.8 17.6



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



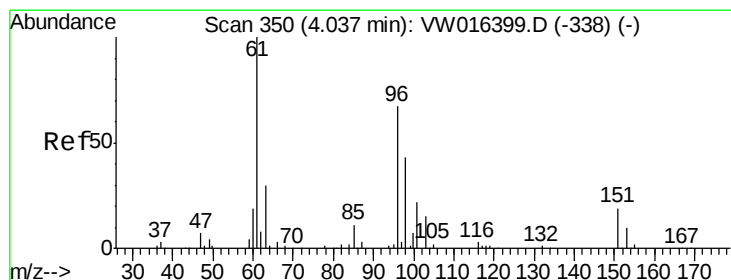
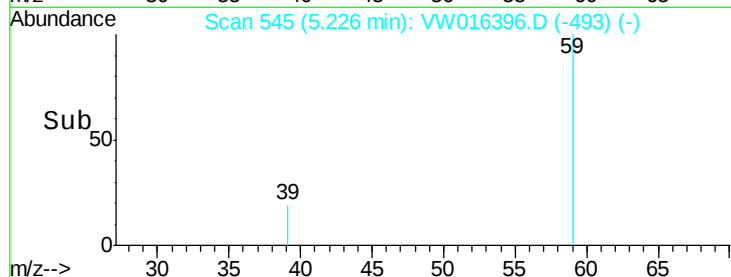
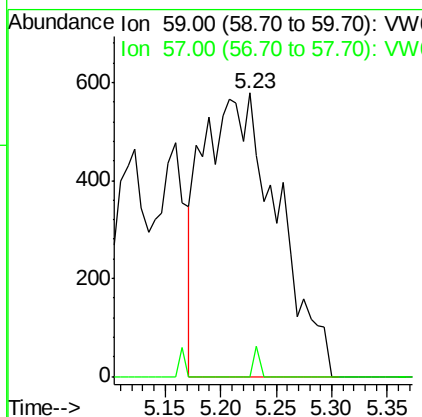
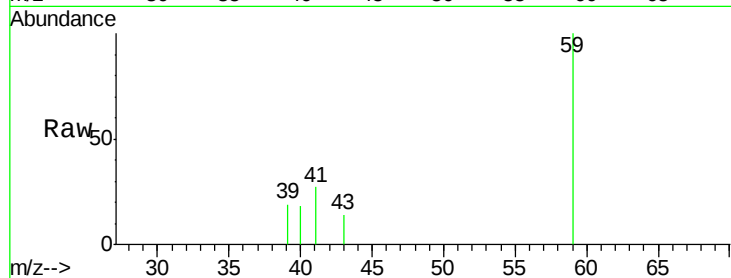


#11

Tert butyl alcohol
 Concen: 27.640 ug/l
 RT: 5.23 min Scan# 545
 Delta R.T. 0.02 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

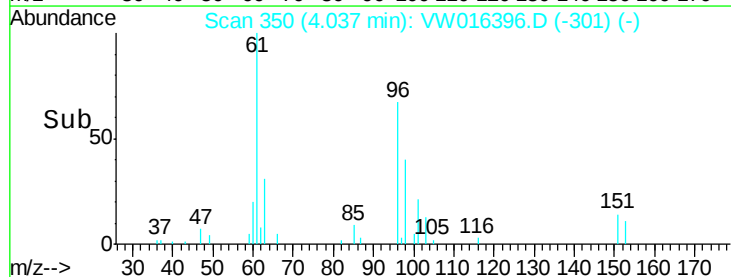
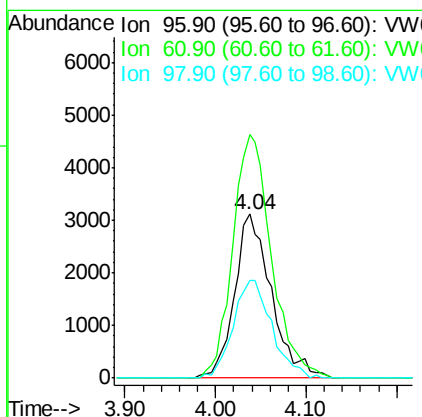
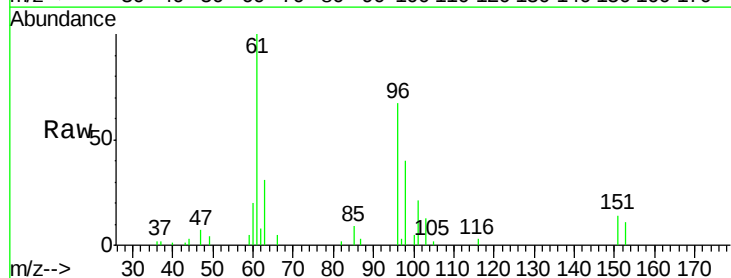
Tgt Ion: 59 Resp: 2690
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#

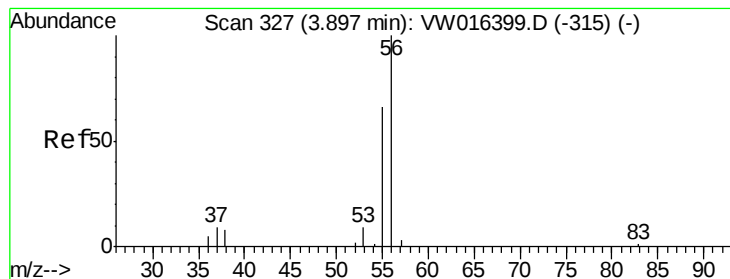


#12

1,1-Dichloroethene
 Concen: 4.450 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 96 Resp: 8785
 Ion Ratio Lower Upper
 96 100
 61 148.4 119.0 178.4
 98 59.2 50.6 76.0





#13

Acrolein

Concen: 17.227 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampled :

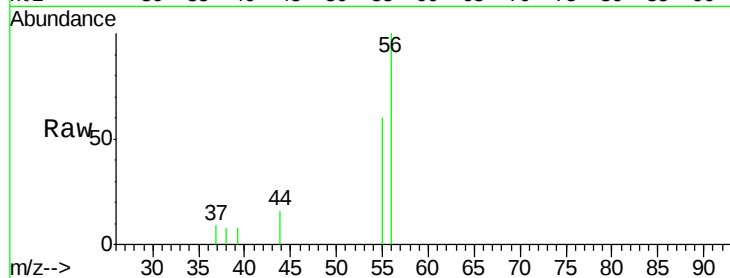
VSTDIC005

Tgt Ion: 56 Resp: 2207

Ion Ratio Lower Upper

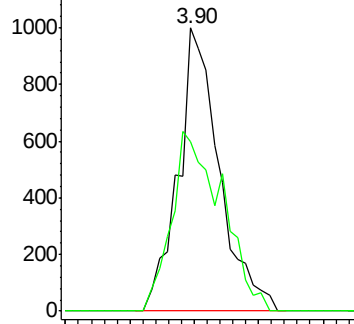
56 100

55 78.4 54.8 82.2

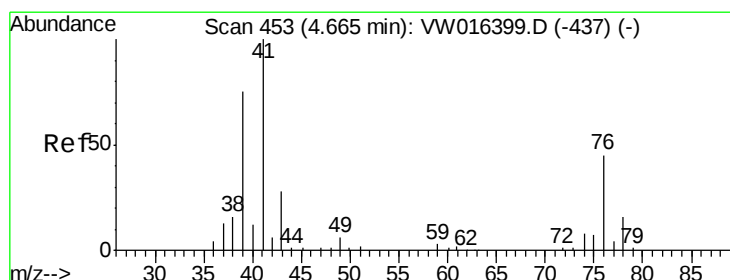
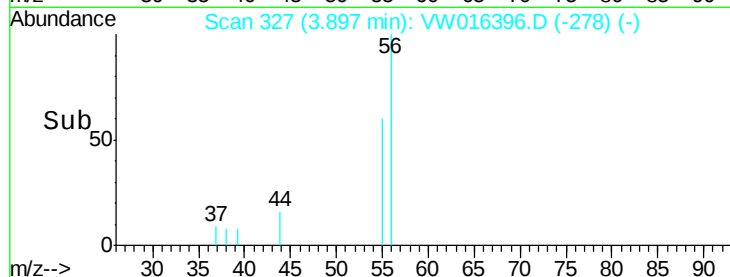


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 4.142 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

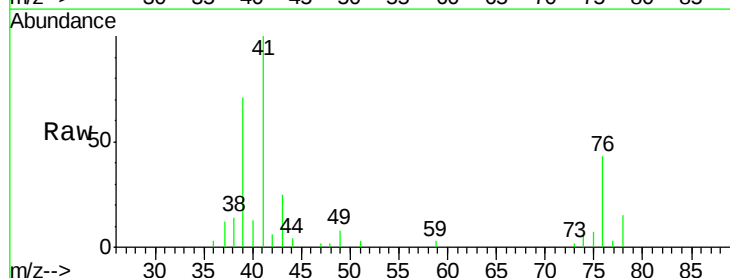
Tgt Ion: 41 Resp: 10830

Ion Ratio Lower Upper

41 100

39 76.9 60.2 90.2

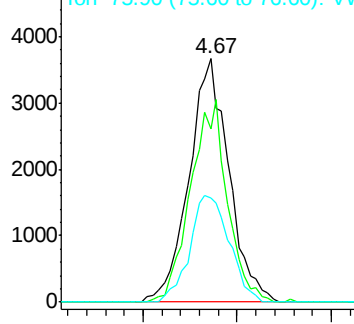
76 43.6 35.7 53.5



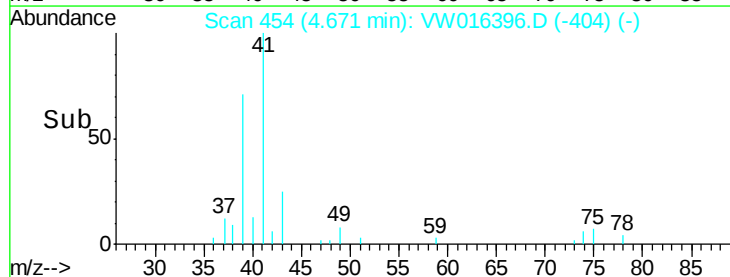
Abundance Ion 41.00 (40.70 to 41.70): VW

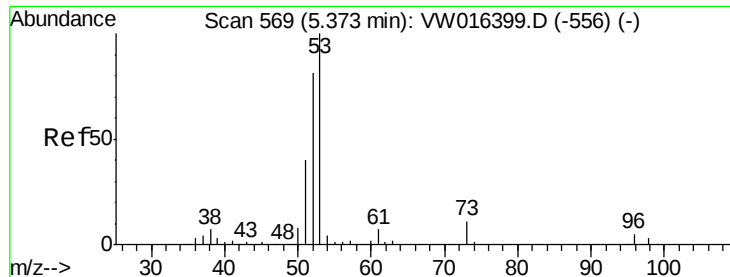
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 23.298 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

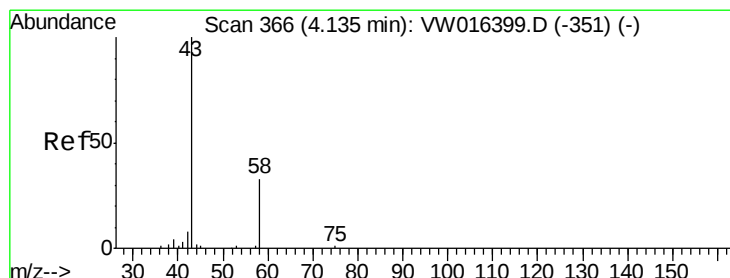
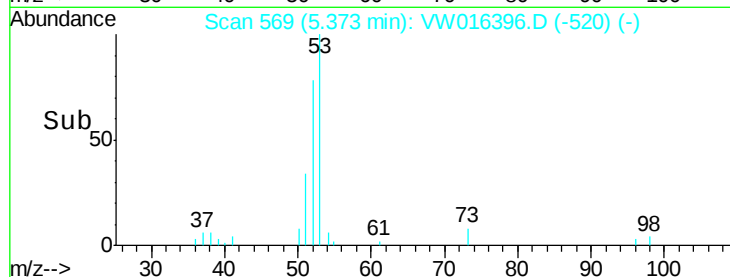
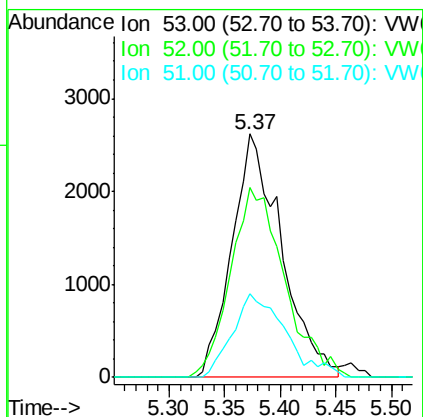
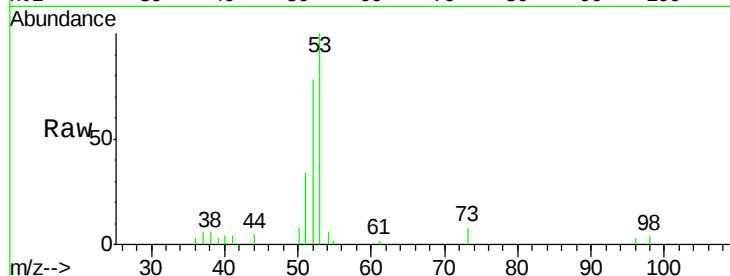
Tgt Ion: 53 Resp: 8112

Ion Ratio Lower Upper

53 100

52 84.7 66.1 99.1

51 36.6 29.9 44.9



#16

Acetone

Concen: 27.372 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW016396.D

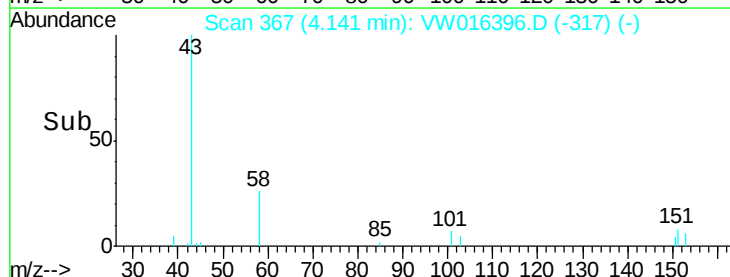
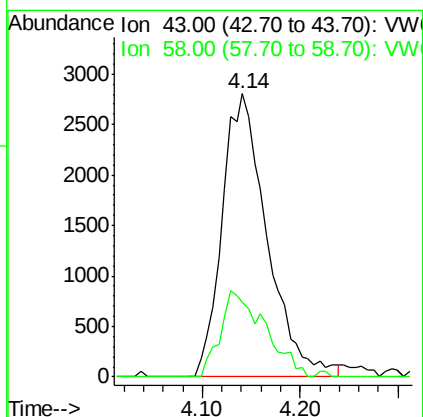
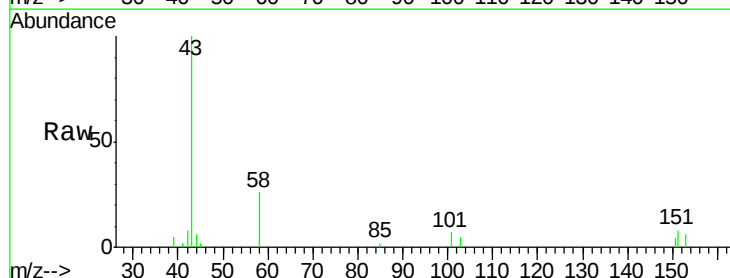
Acq: 28 Aug 2020 12:33

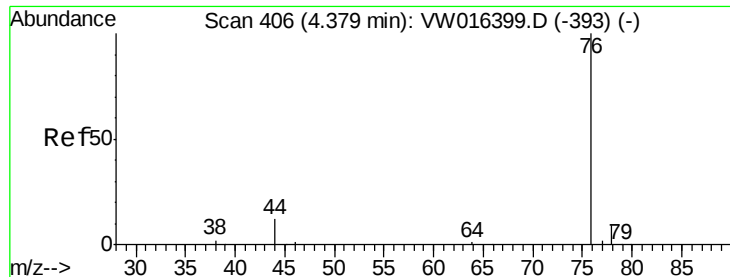
Tgt Ion: 43 Resp: 8935

Ion Ratio Lower Upper

43 100

58 26.3 26.6 39.8#

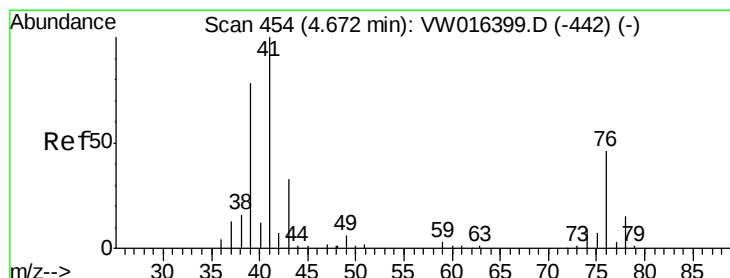
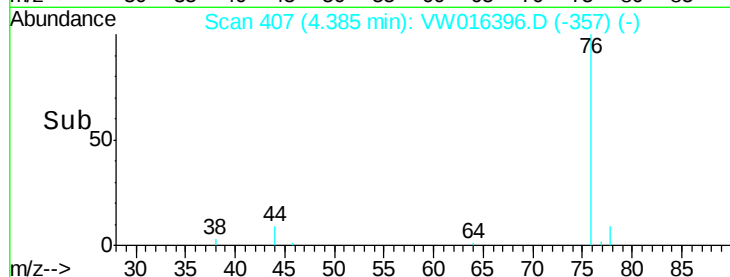
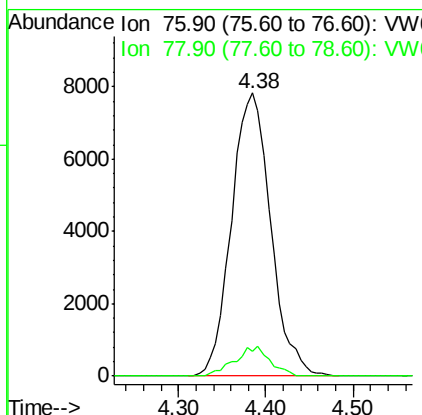
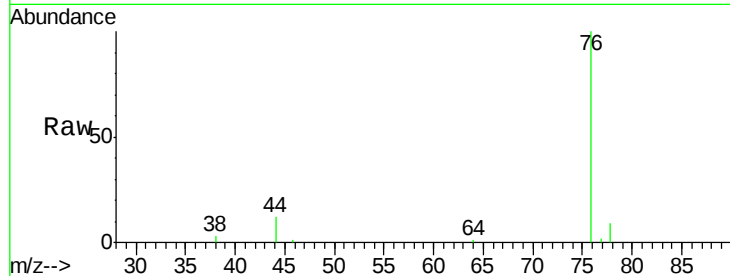




#17
Carbon Disulfide
Concen: 4.224 ug/l
RT: 4.38 min Scan# 407
Delta R.T. 0.01 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

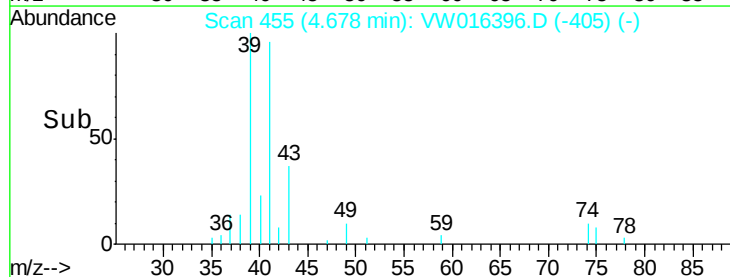
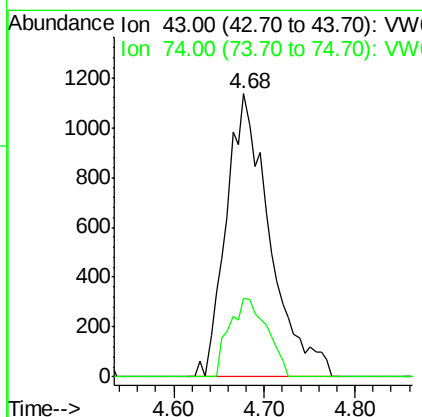
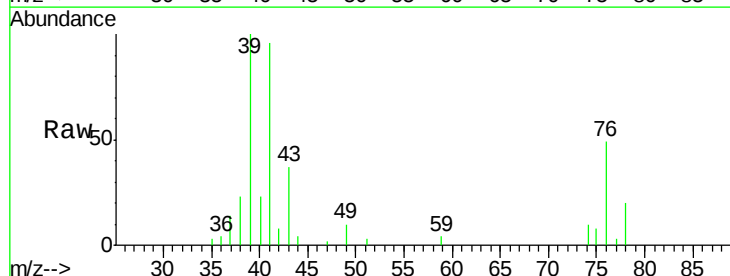
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

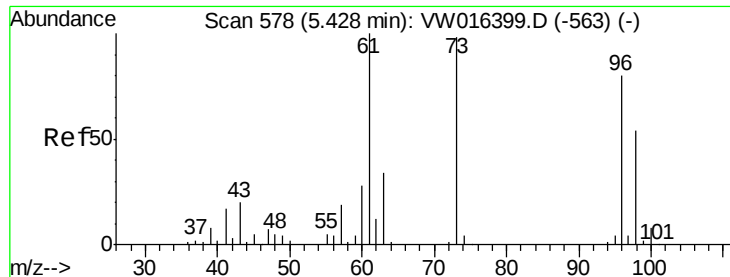
Tgt Ion: 76 Resp: 24326
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#18
Methyl Acetate
Concen: 4.851 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.01 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion: 43 Resp: 3785
Ion Ratio Lower Upper
43 100
74 23.9 23.2 34.8

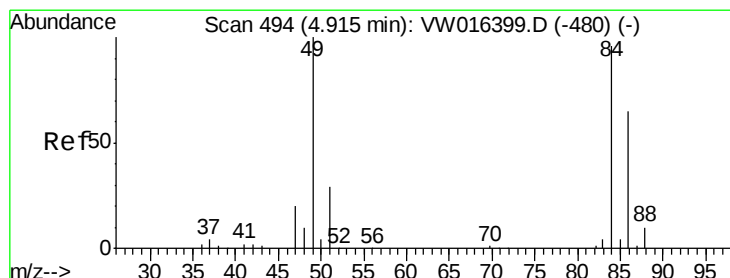
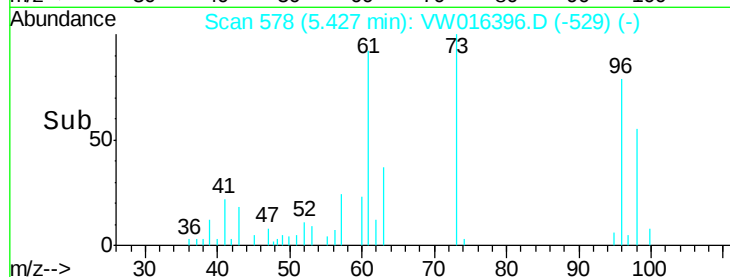
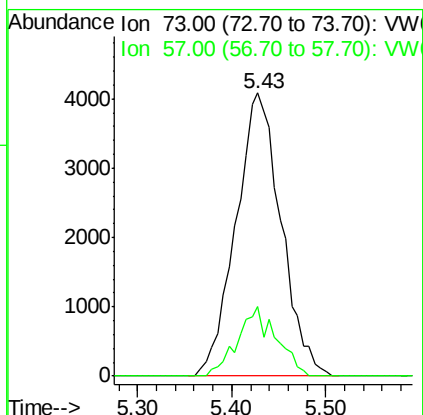
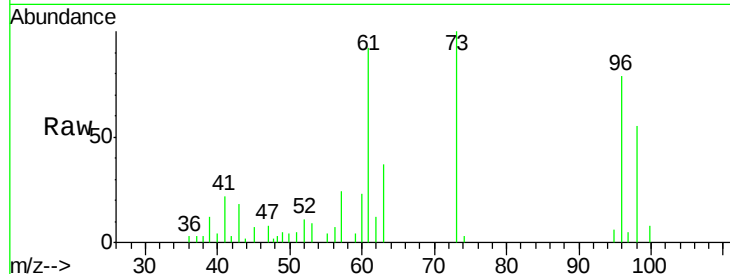




#19
Methyl tert-butyl Ether
Concen: 5.506 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

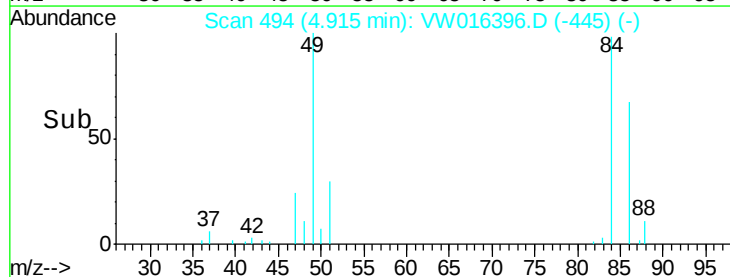
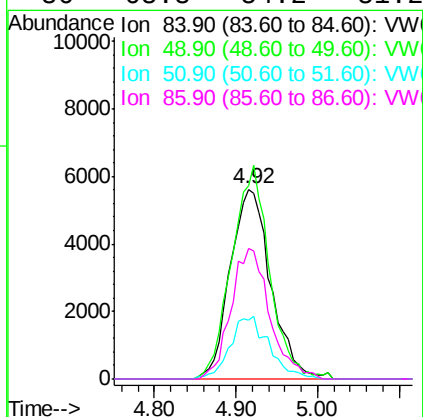
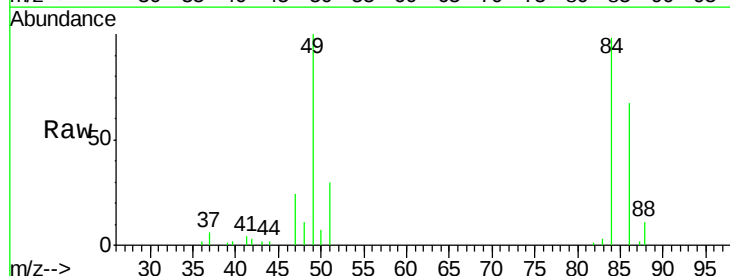
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

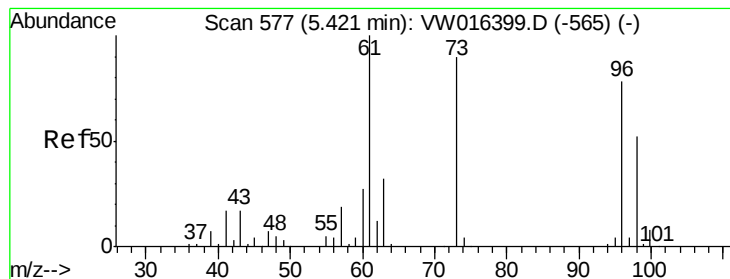
Tgt Ion: 73 Resp: 13686
Ion Ratio Lower Upper
73 100
57 24.5 15.0 22.6#



#20
Methylene Chloride
Concen: 7.704 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion: 84 Resp: 19451
Ion Ratio Lower Upper
84 100
49 102.0 83.2 124.8
51 31.0 24.4 36.6
86 68.8 54.2 81.2





#21

trans-1,2-Dichloroethene

Concen: 4.664 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

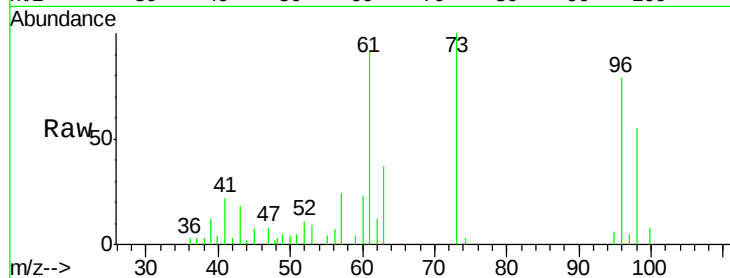
Tgt Ion: 96 Resp: 10039

Ion Ratio Lower Upper

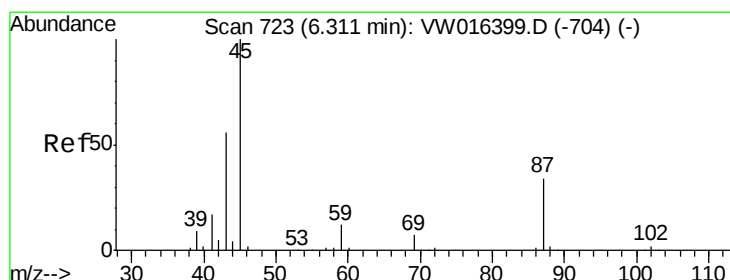
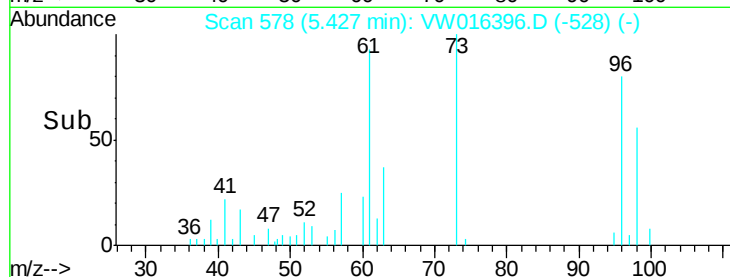
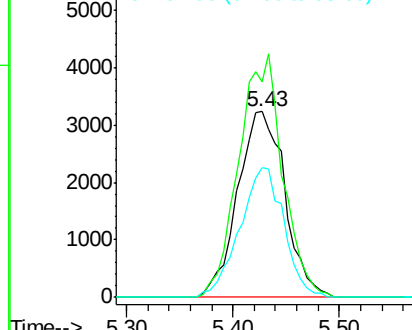
96 100

61 116.1 103.0 154.6

98 69.7 53.8 80.6



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



#22

Diisopropyl ether

Concen: 4.380 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Tgt Ion: 45 Resp: 21625

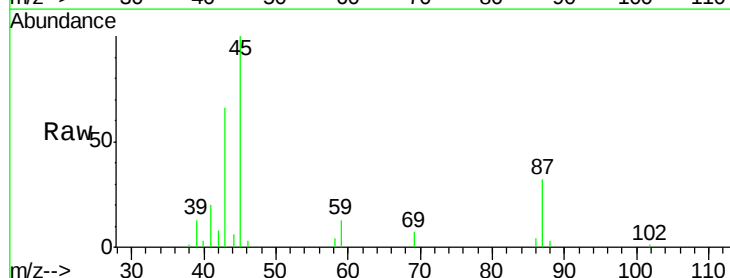
Ion Ratio Lower Upper

45 100

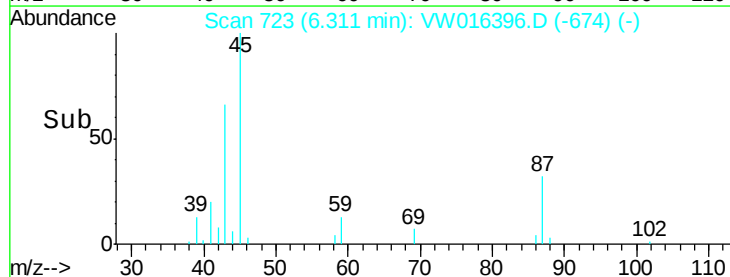
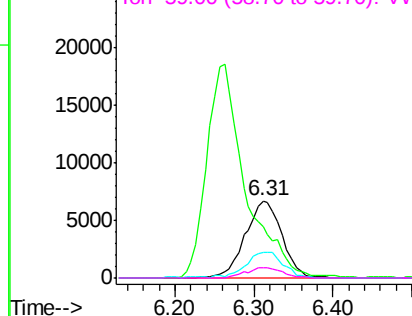
43 63.9 44.6 67.0

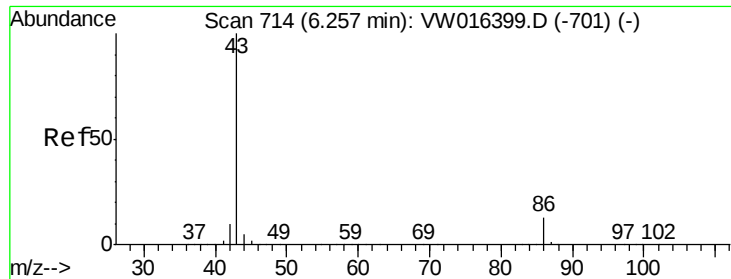
87 32.5 27.5 41.3

59 13.1 10.2 15.2



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: 22.288 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

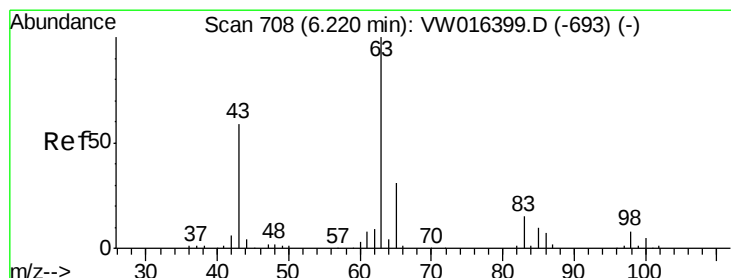
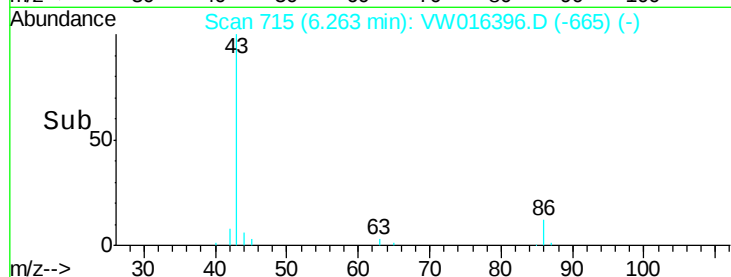
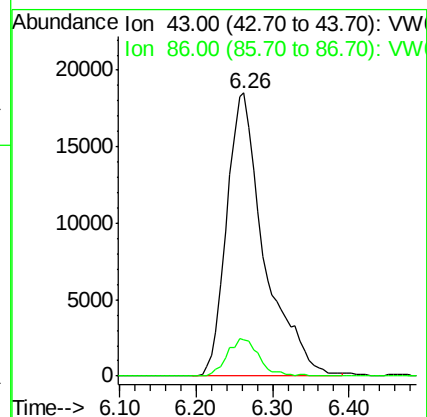
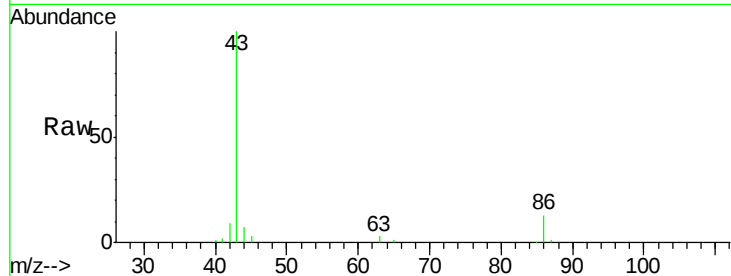
VSTDIC005

Tgt Ion: 43 Resp: 63224

Ion Ratio Lower Upper

43 100

86 13.0 10.6 15.8



#24

1,1-Dichloroethane

Concen: 4.679 ug/l

RT: 6.22 min Scan# 708

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

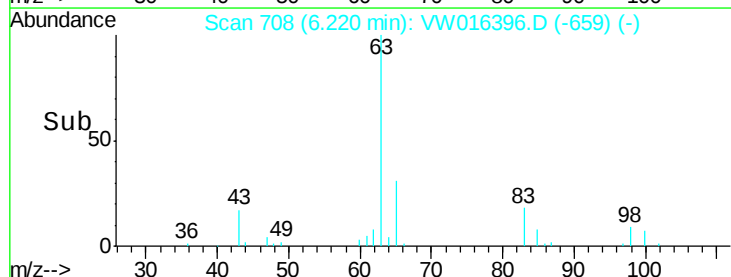
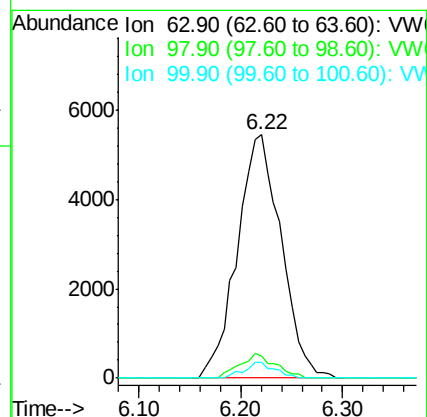
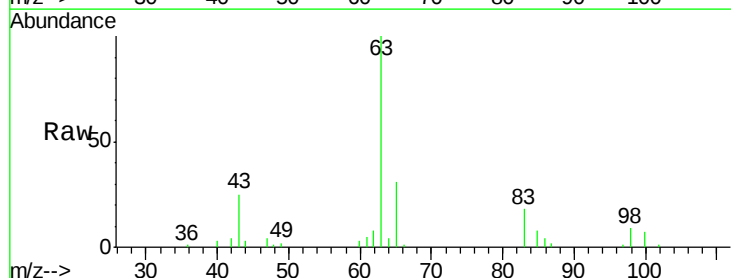
Tgt Ion: 63 Resp: 16264

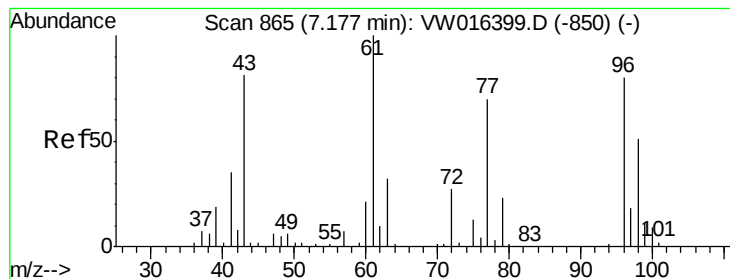
Ion Ratio Lower Upper

63 100

98 9.2 3.8 11.2

100 6.6 2.5 7.5





#25

2-Butanone

Concen: 26.556 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

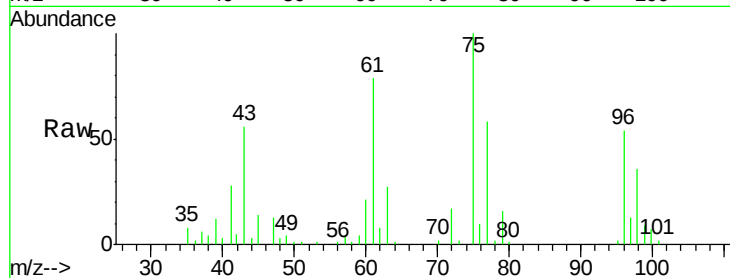
VSTDIC005

Tgt Ion: 43 Resp: 11779

Ion Ratio Lower Upper

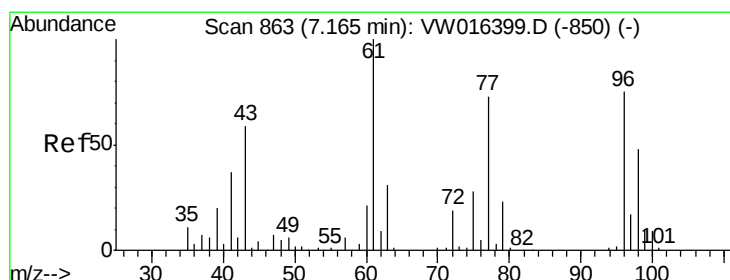
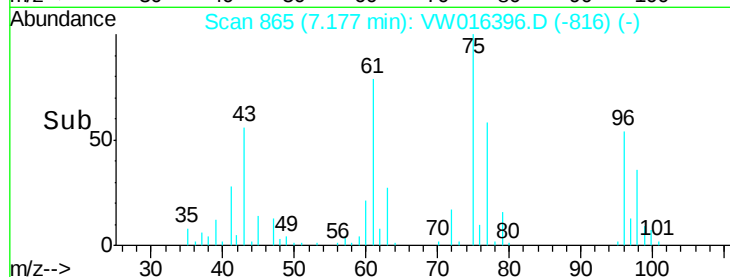
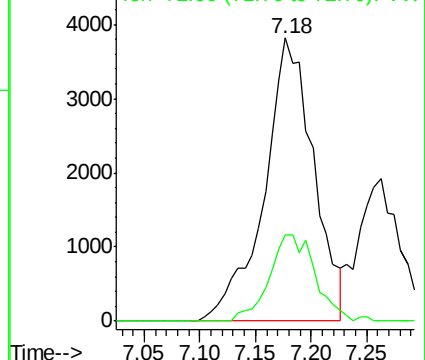
43 100

72 30.7 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 6.258 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW016396.D

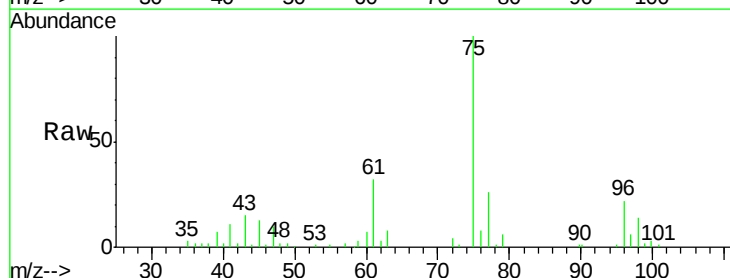
Acq: 28 Aug 2020 12:33

Tgt Ion: 77 Resp: 14387

Ion Ratio Lower Upper

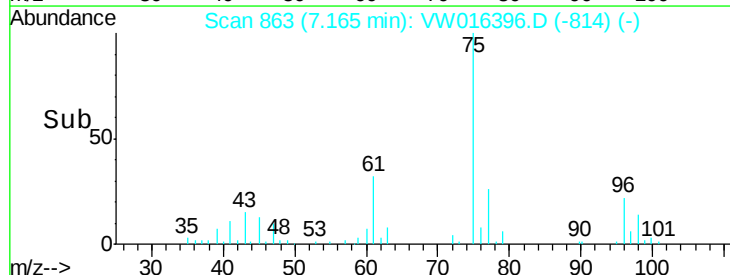
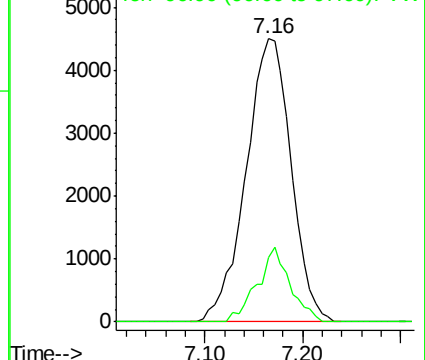
77 100

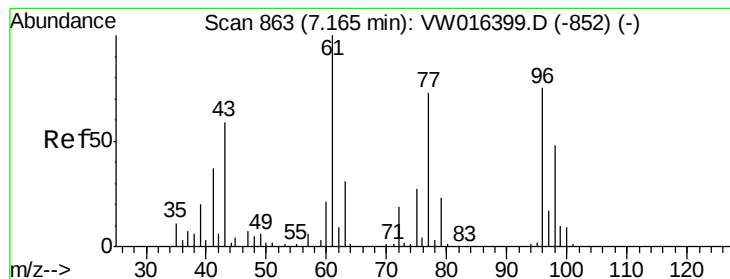
97 19.2 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

cis-1,2-Dichloroethene

Concen: 4.772 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

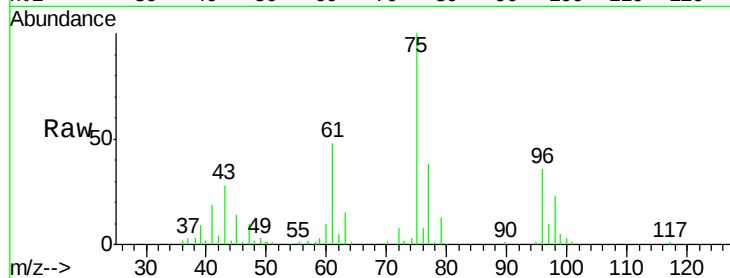
Tgt Ion: 96 Resp: 10674

Ion Ratio Lower Upper

96 100

61 153.8 0.0 268.6

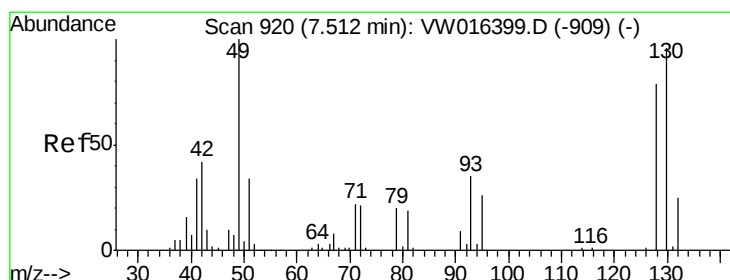
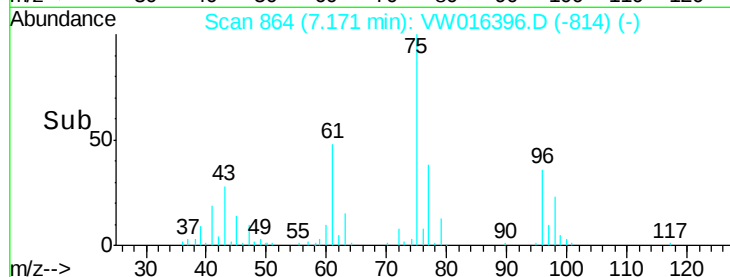
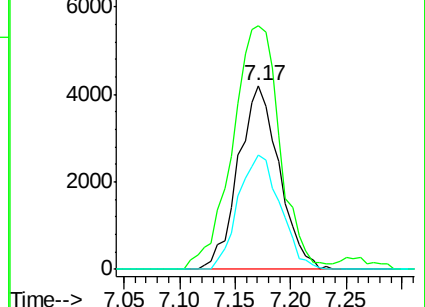
98 64.0 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#28

Bromochloromethane

Concen: 4.232 ug/l

RT: 7.51 min Scan# 919

Delta R.T. -0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

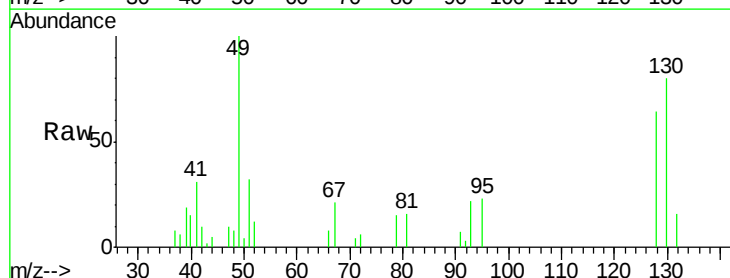
Tgt Ion: 49 Resp: 5507

Ion Ratio Lower Upper

49 100

129 0.9 0.0 1.8

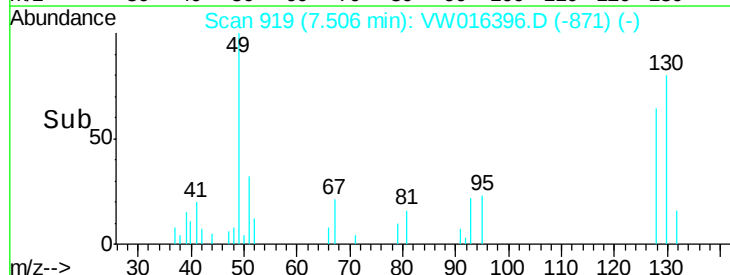
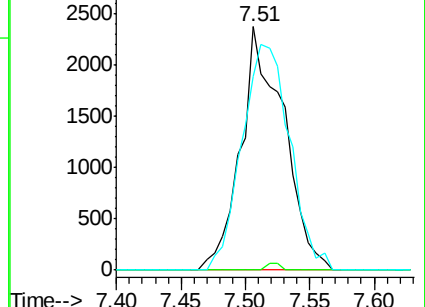
130 103.1 80.8 121.2

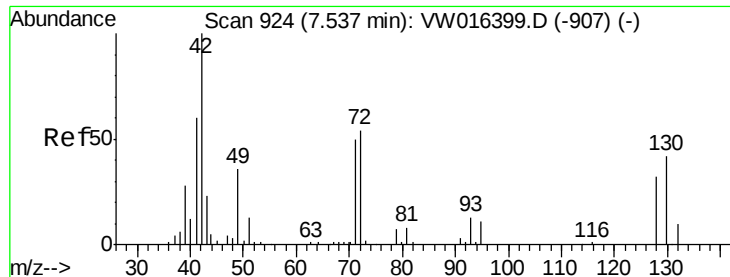


Abundance Ion 48.90 (48.60 to 49.60): VW

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

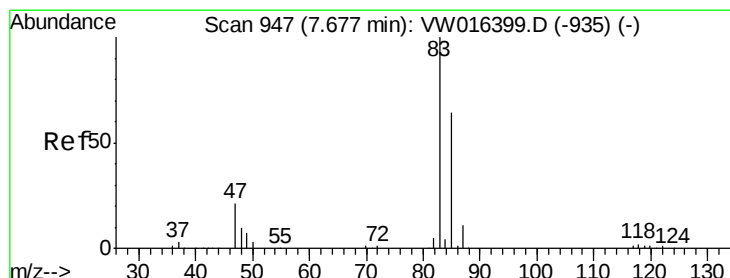
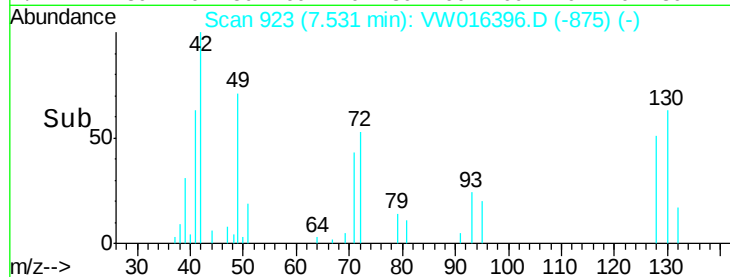
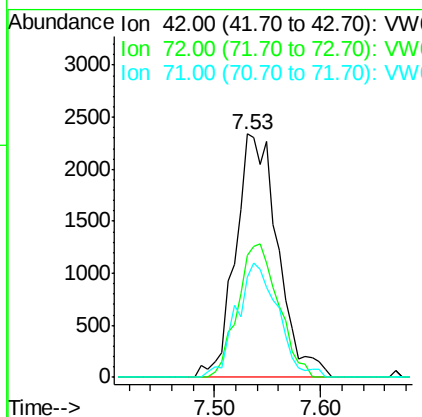
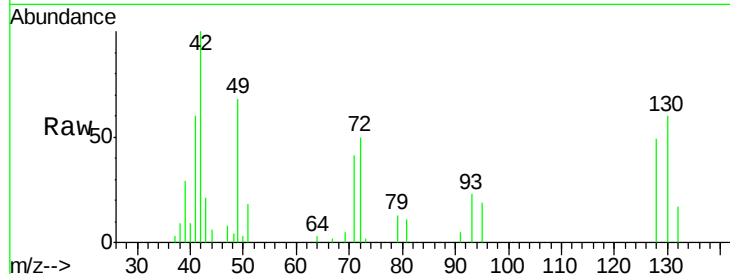




#29
Tetrahydrofuran
Concen: 24.527 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

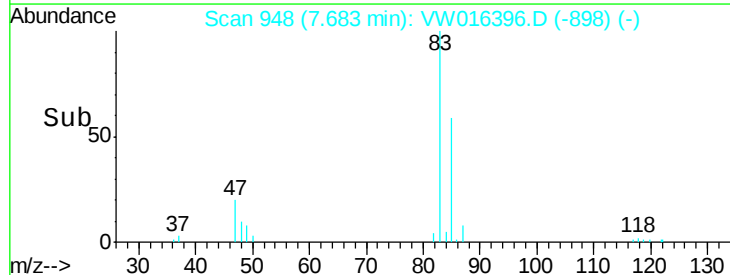
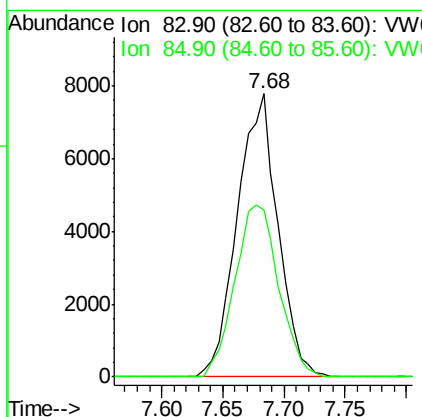
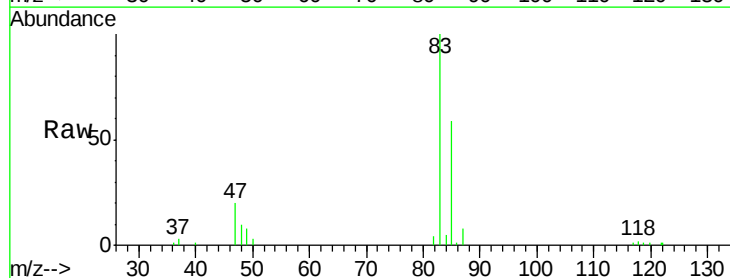
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

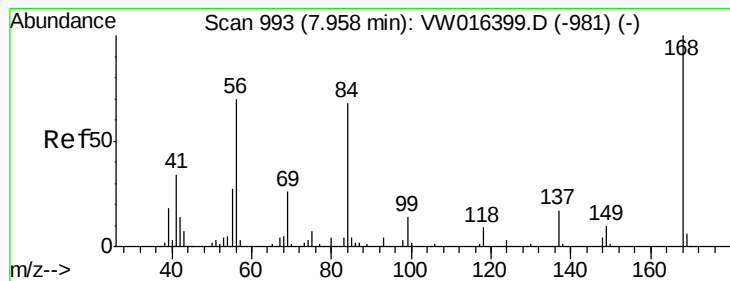
Tgt Ion: 42 Resp: 6541
Ion Ratio Lower Upper
42 100
72 52.4 42.3 63.5
71 45.6 39.5 59.3



#30
Chloroform
Concen: 4.878 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion: 83 Resp: 17888
Ion Ratio Lower Upper
83 100
85 58.8 51.6 77.4





#31

Cyclohexane

Concen: 5.369 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

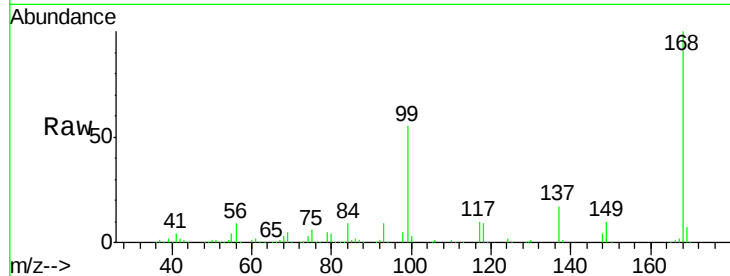
Tgt Ion: 56 Resp: 17125

Ion Ratio Lower Upper

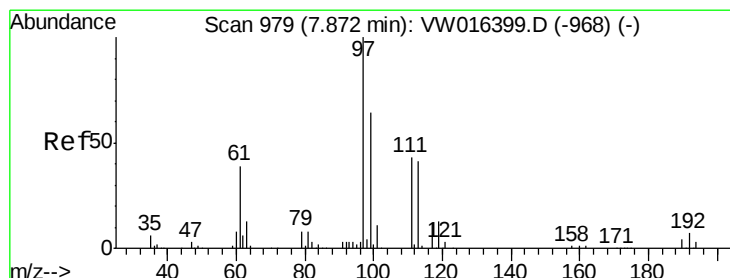
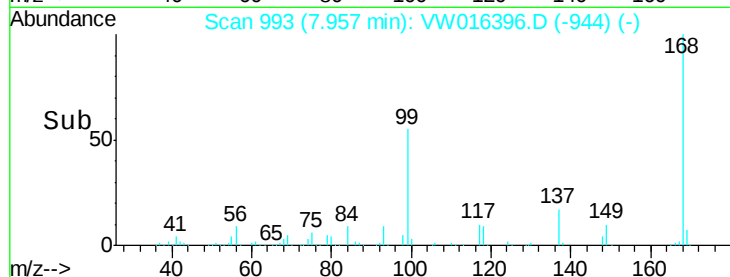
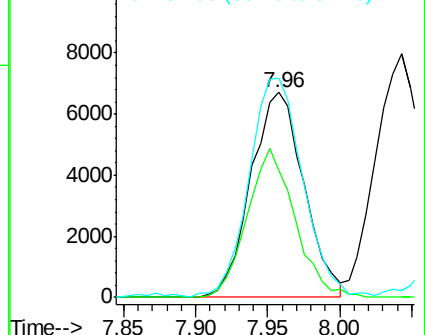
56 100

69 62.0 30.0 45.0#

84 106.7 77.4 116.2



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



#32

1,1,1-Trichloroethane

Concen: 5.174 ug/l

RT: 7.87 min Scan# 979

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

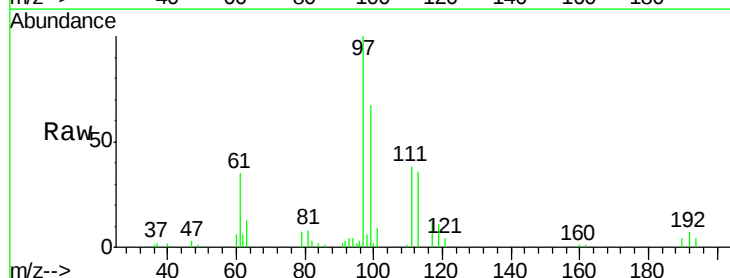
Tgt Ion: 97 Resp: 16059

Ion Ratio Lower Upper

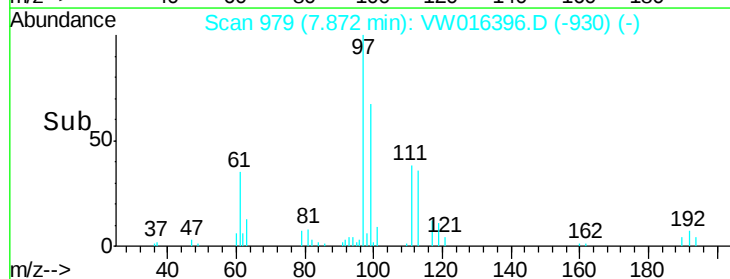
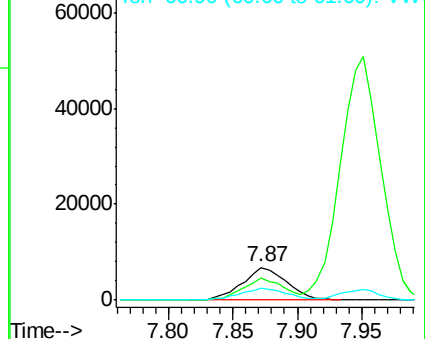
97 100

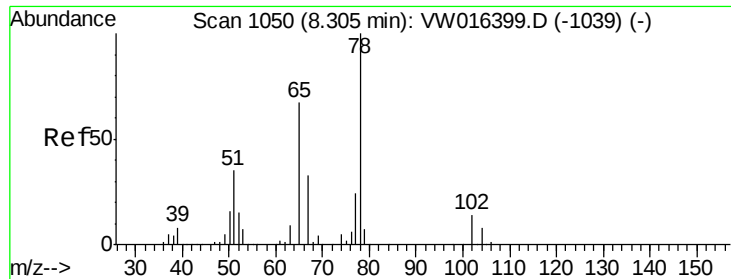
99 63.7 52.0 78.0

61 38.5 31.0 46.6



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

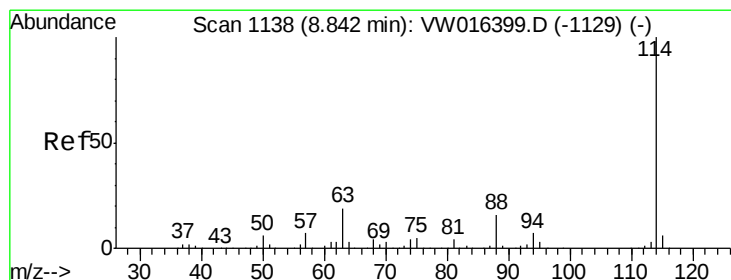
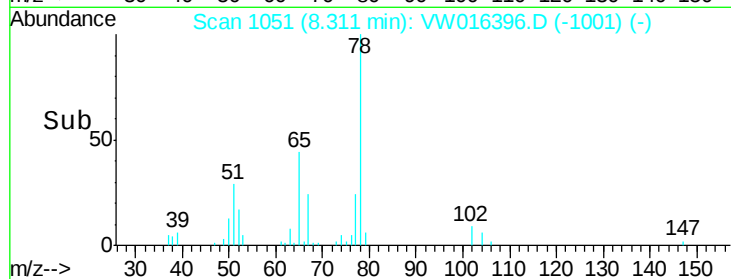
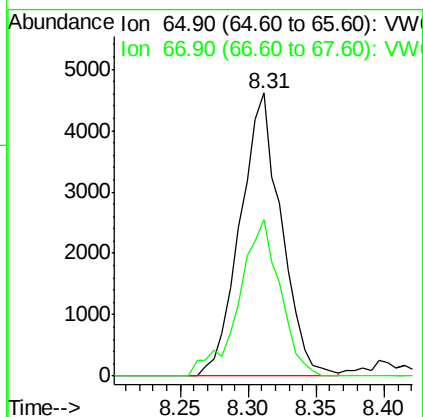
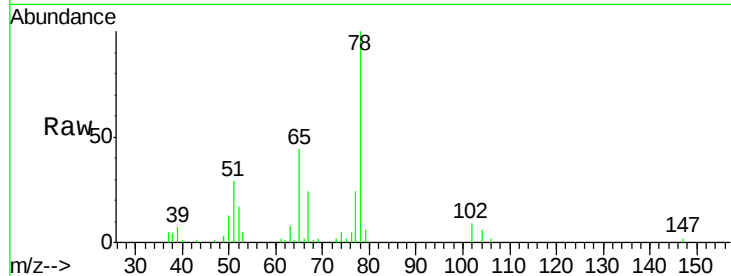




#33
 1,2-Dichloroethane-d4
 Concen: 5.490 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

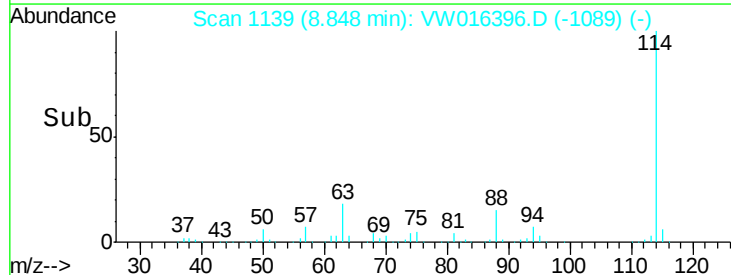
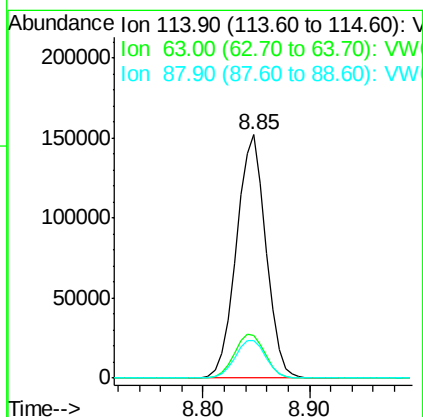
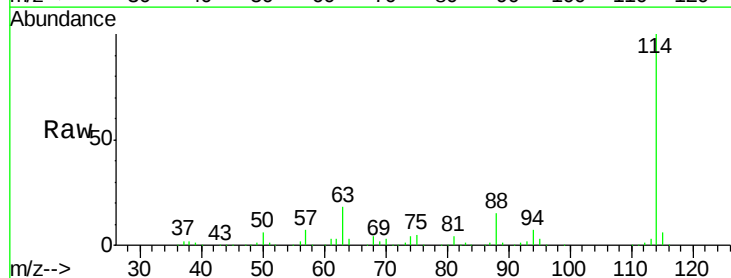
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

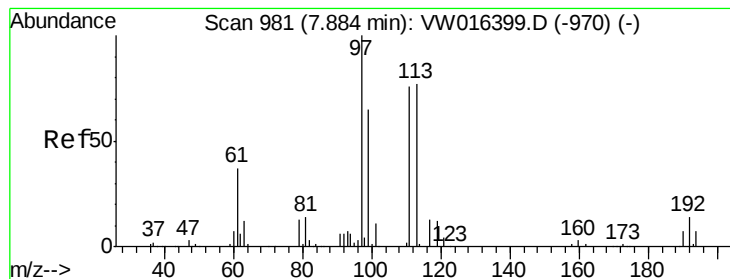
Tgt Ion: 65 Resp: 9744
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 114 Resp: 295102
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 37.8
 88 15.2 0.0 31.2





#35

Dibromofluoromethane

Concen: 5.694 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

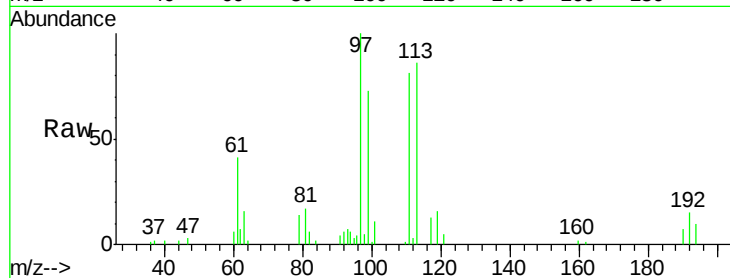
Tgt Ion:113 Resp: 10311

Ion Ratio Lower Upper

113 100

111 96.9 82.1 123.1

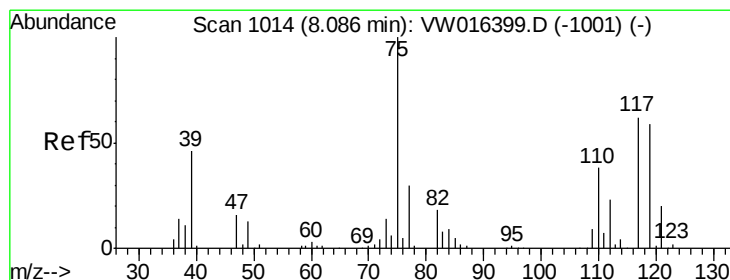
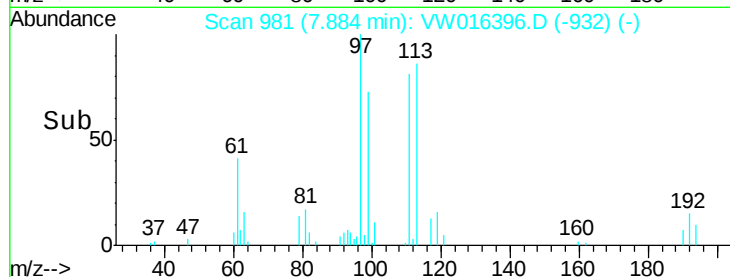
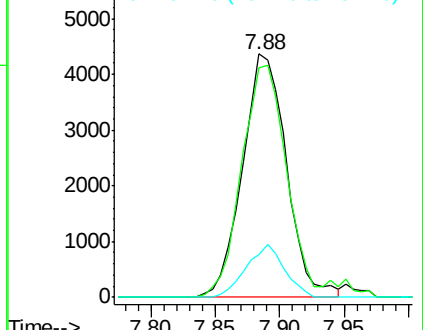
192 18.7 15.5 23.3



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: 4.931 ug/l

RT: 8.09 min Scan# 1014

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

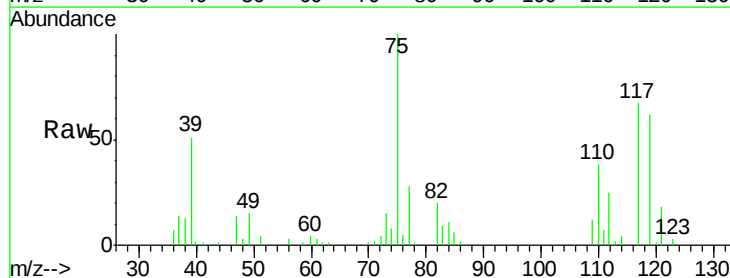
Tgt Ion: 75 Resp: 14336

Ion Ratio Lower Upper

75 100

110 36.2 18.6 56.0

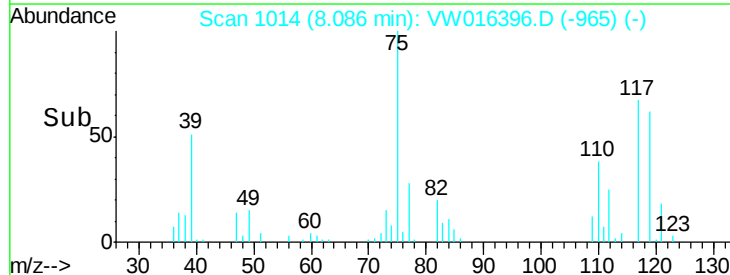
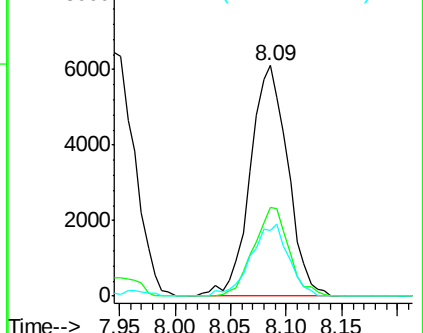
77 31.2 25.1 37.7

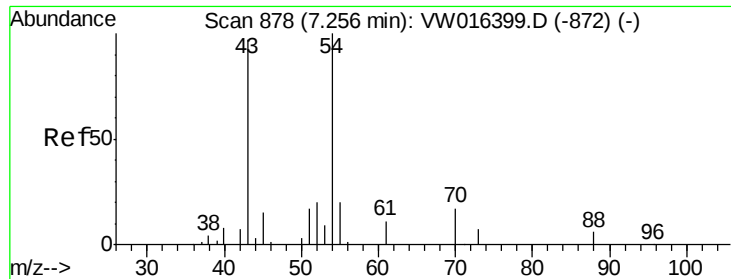


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

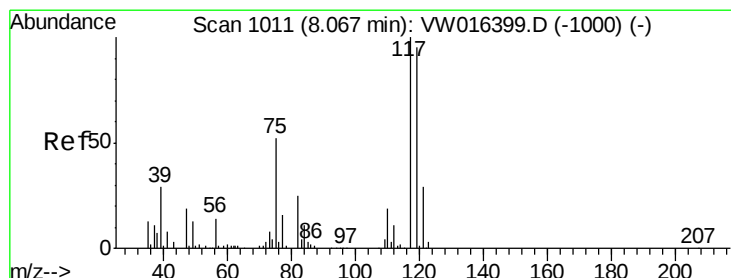
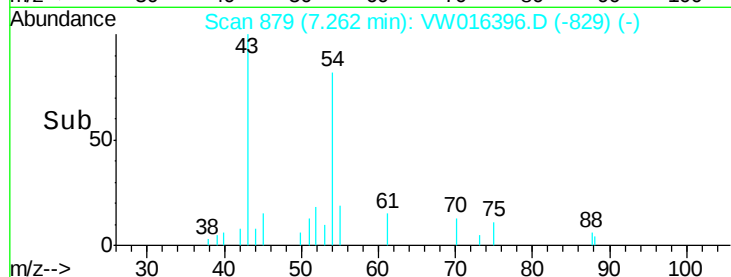
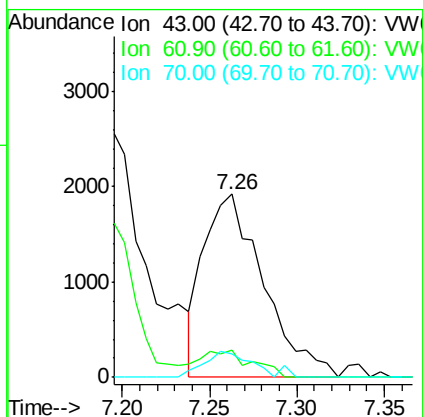
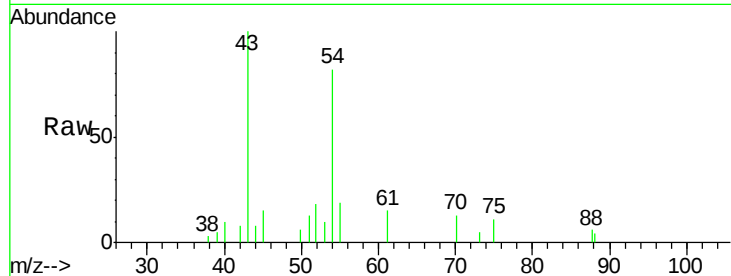




#37
Ethyl Acetate
 Concen: 4.631 ug/l
 RT: 7.26 min Scan# 879
 Delta R.T. 0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

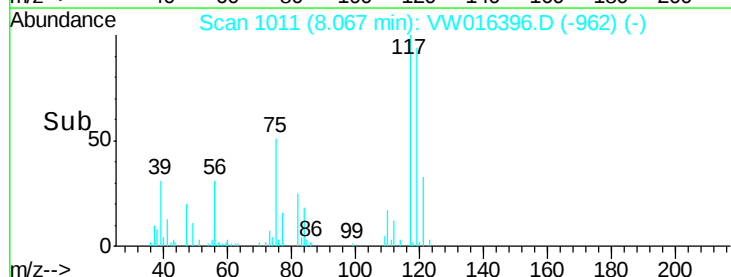
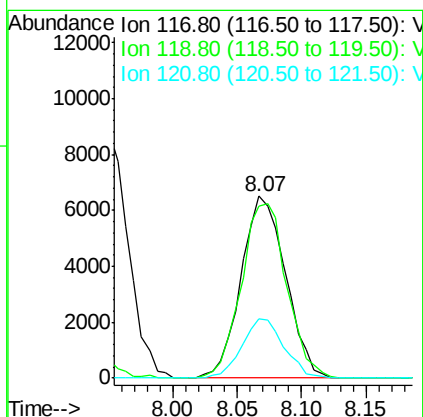
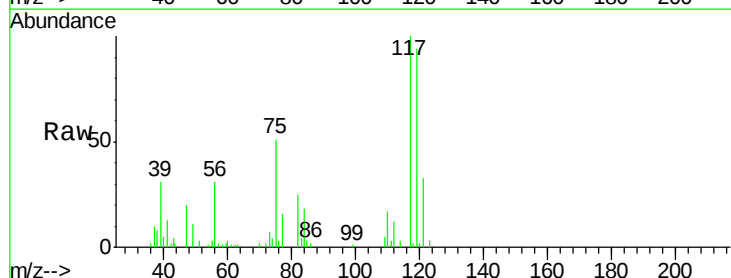
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

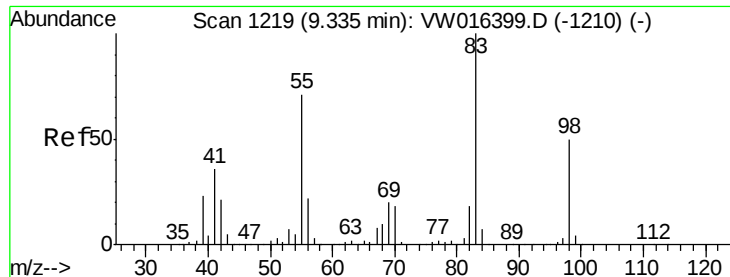
Tgt Ion: 43 Resp: 4561
 Ion Ratio Lower Upper
 43 100
 61 13.4 11.5 17.3
 70 10.6 10.7 16.1#



#38
Carbon Tetrachloride
 Concen: 5.294 ug/l
 RT: 8.07 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 117 Resp: 15623
 Ion Ratio Lower Upper
 117 100
 119 94.3 76.3 114.5
 121 32.9 23.0 34.6





#39

Methylcyclohexane

Concen: 4.707 ug/l

RT: 9.34 min Scan# 1219

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

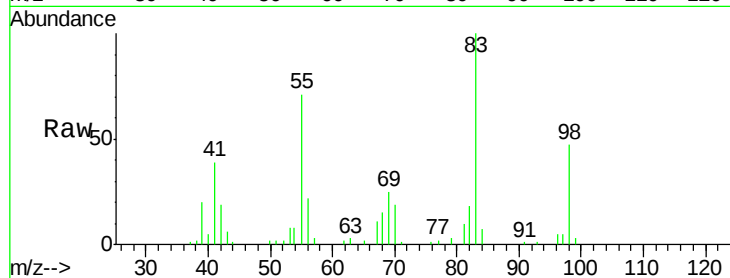
Tgt Ion: 83 Resp: 16446

Ion Ratio Lower Upper

83 100

55 71.1 57.0 85.6

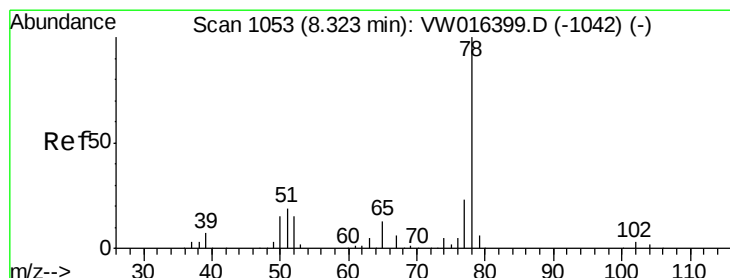
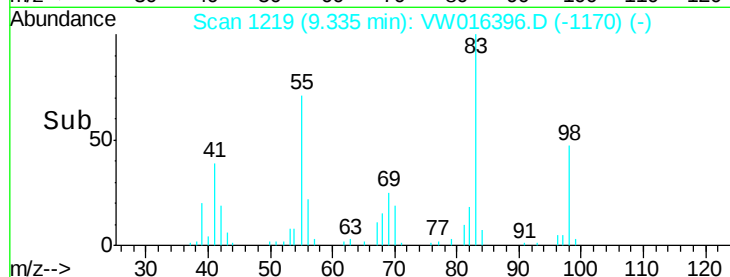
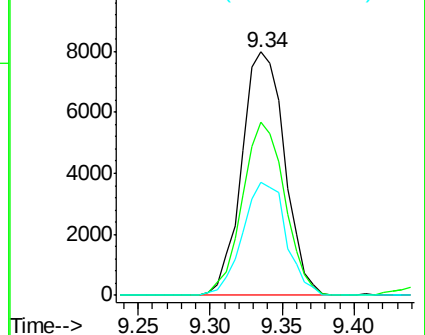
98 46.5 39.9 59.9



Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW



#40

Benzene

Concen: 4.645 ug/l

RT: 8.33 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VW016396.D

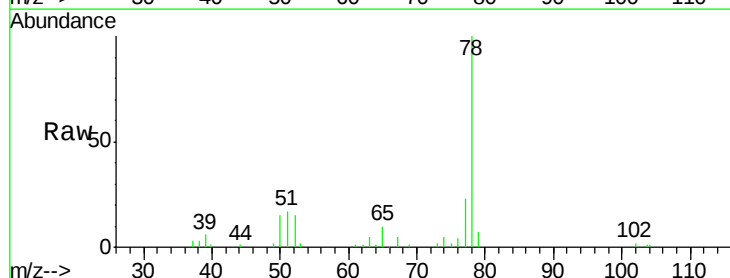
Acq: 28 Aug 2020 12:33

Tgt Ion: 78 Resp: 37757

Ion Ratio Lower Upper

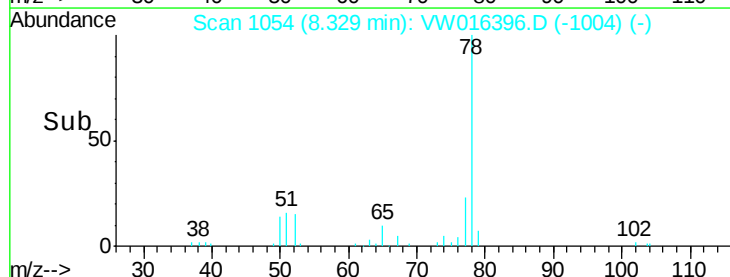
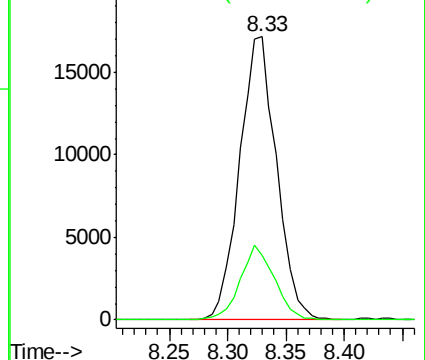
78 100

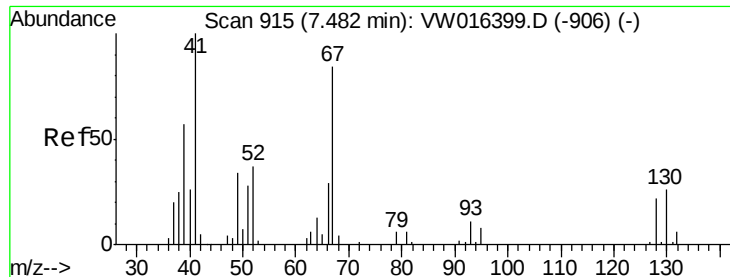
77 23.0 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

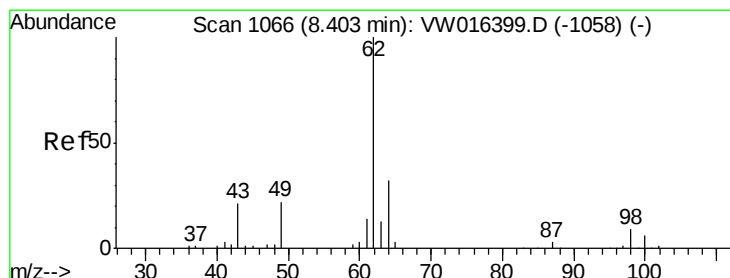
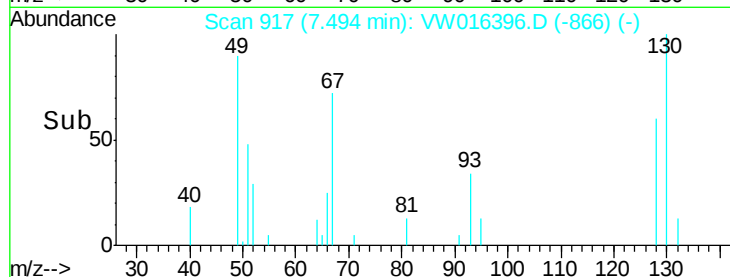
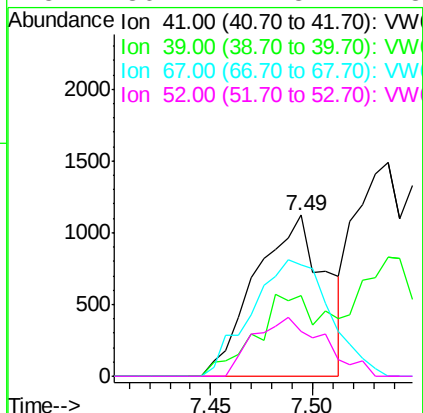
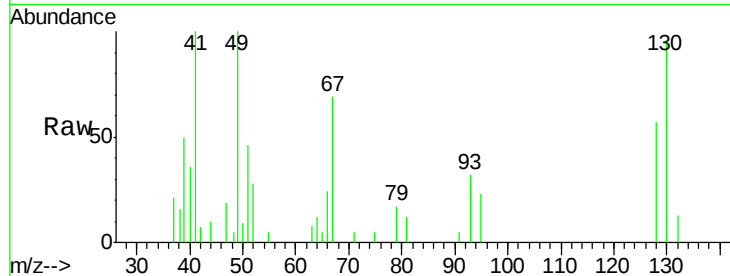




#41
Methacrylonitrile
Concen: 4.788 ug/l
RT: 7.49 min Scan# 917
Delta R.T. 0.01 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

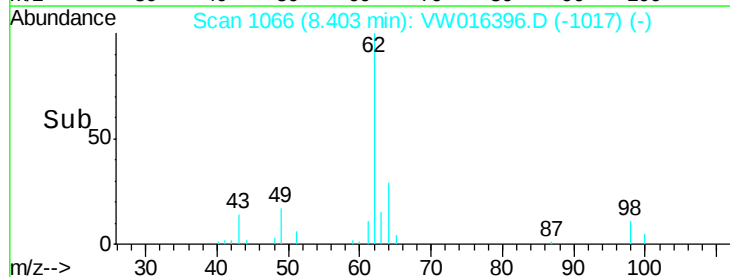
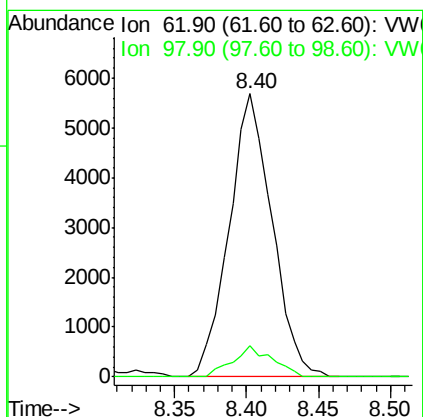
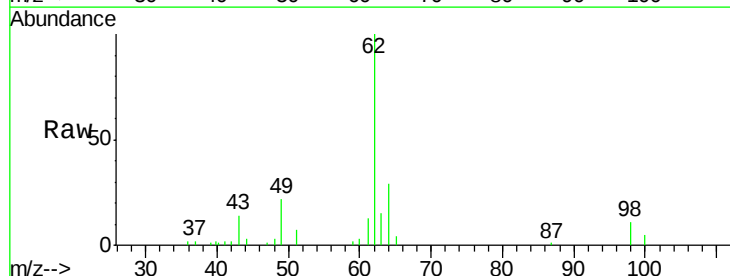
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

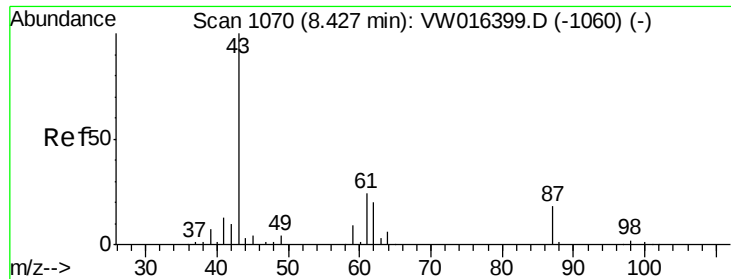
Tgt Ion:	41	Resp:	2682
Ion	Ratio	Lower	Upper
41	100		
39	51.5	45.4	68.2
67	80.8	65.8	98.6
52	36.4	27.8	41.8



#42
1,2-Dichloroethane
Concen: 5.382 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion:	62	Resp:	11781
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.8





#43

Isopropyl Acetate

Concen: 5.006 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

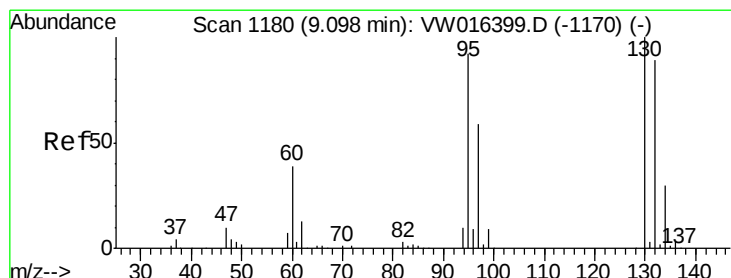
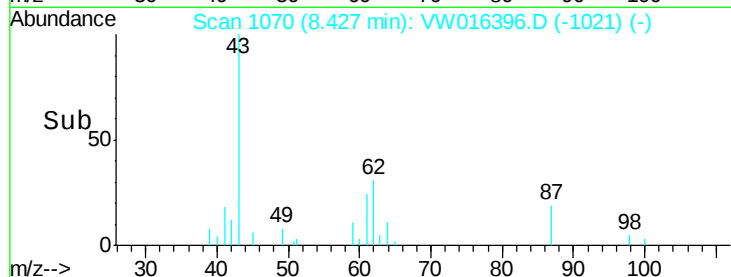
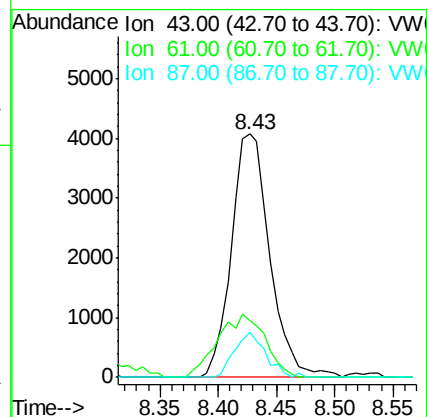
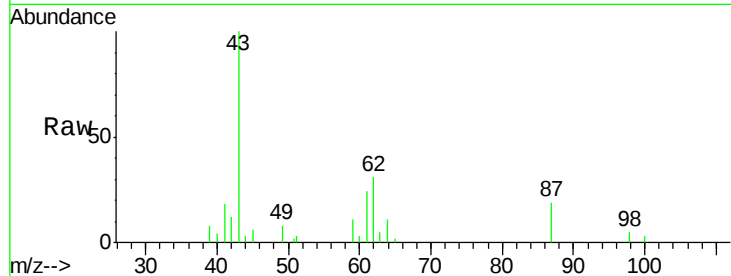
Tgt Ion: 43 Resp: 9349

Ion Ratio Lower Upper

43 100

61 32.2 27.5 41.3

87 15.2 13.5 20.3



#44

Trichloroethene

Concen: 4.981 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW016396.D

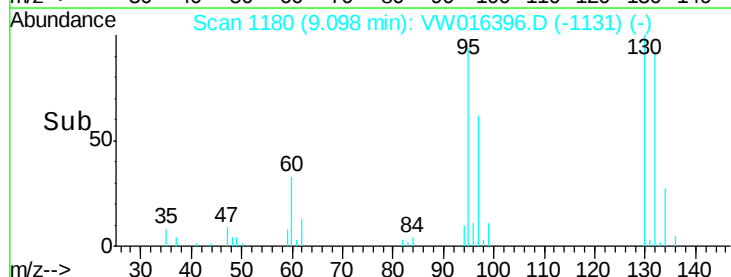
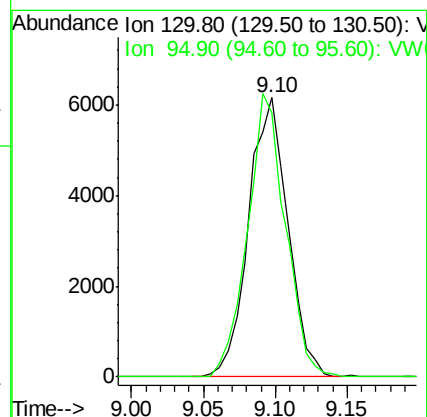
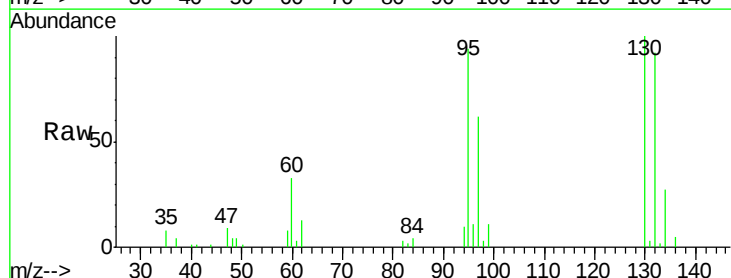
Acq: 28 Aug 2020 12:33

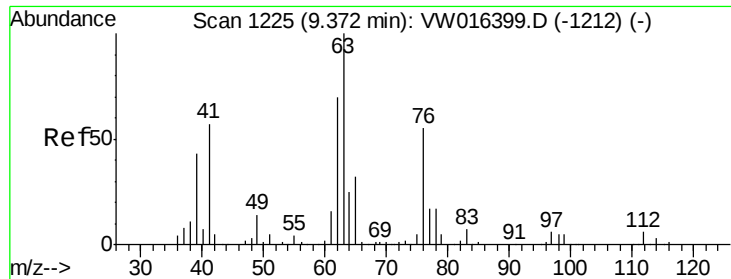
Tgt Ion: 130 Resp: 11598

Ion Ratio Lower Upper

130 100

95 94.5 0.0 183.4

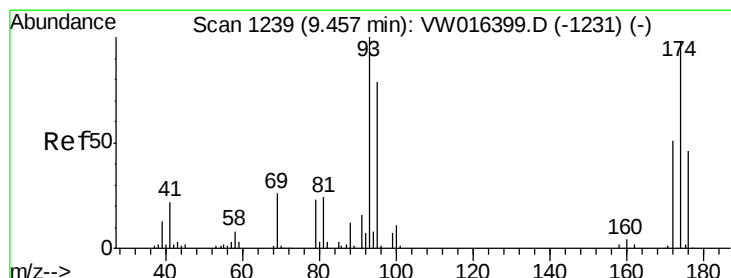
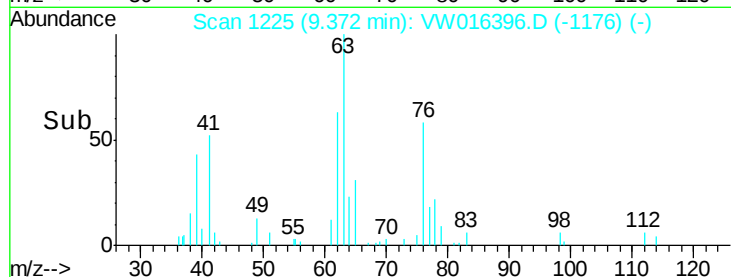
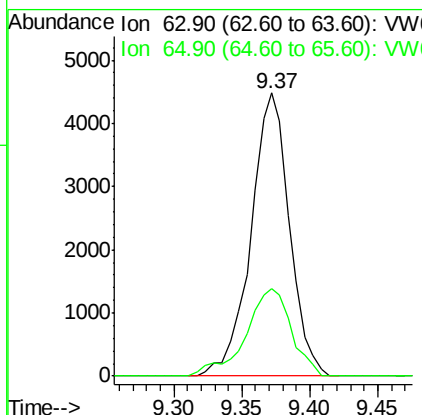
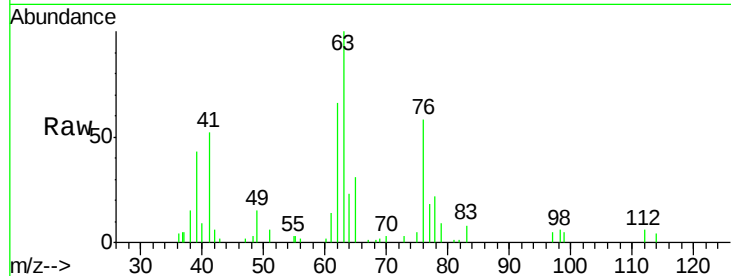




#45
 1,2-Dichloropropane
 Concen: 4.680 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

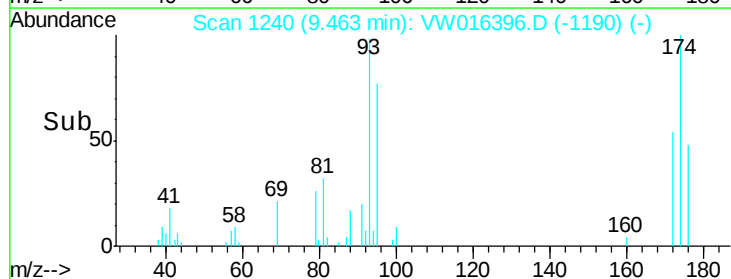
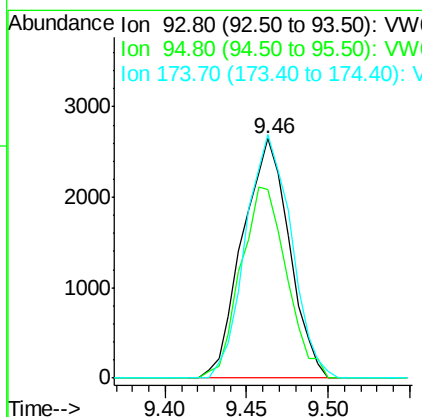
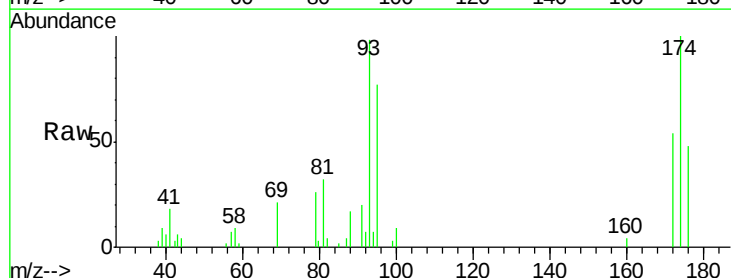
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

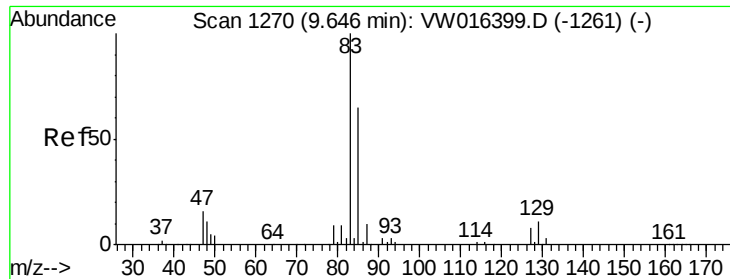
Tgt Ion: 63 Resp: 8913
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.4 38.0



#46
 Dibromomethane
 Concen: 5.181 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 93 Resp: 5269
 Ion Ratio Lower Upper
 93 100
 95 78.5 65.3 97.9
 174 99.1 80.1 120.1





#47

Bromodichloromethane

Concen: 5.070 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

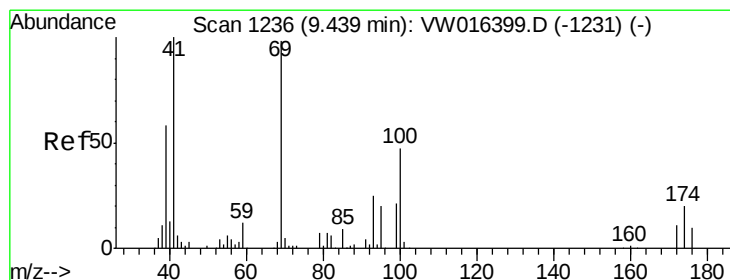
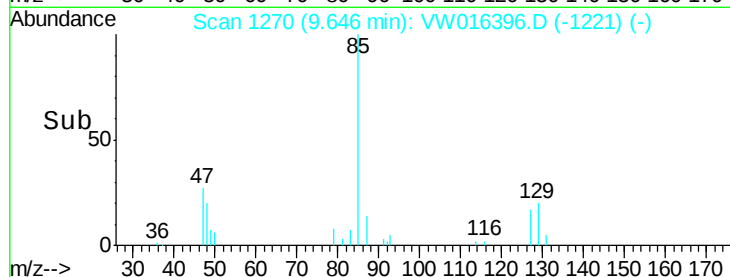
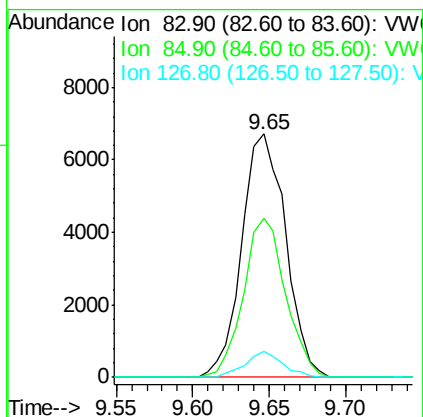
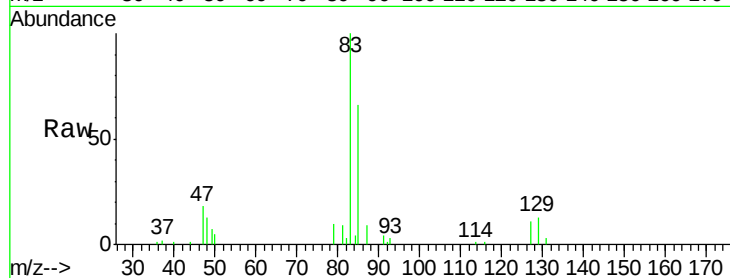
Tgt Ion: 83 Resp: 13390

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.2

127 10.9 6.8 10.2#



#48

Methyl methacrylate

Concen: 5.411 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

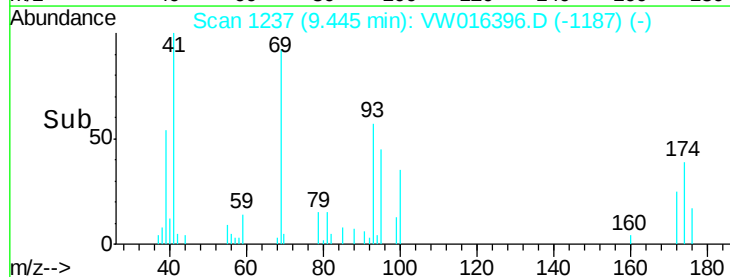
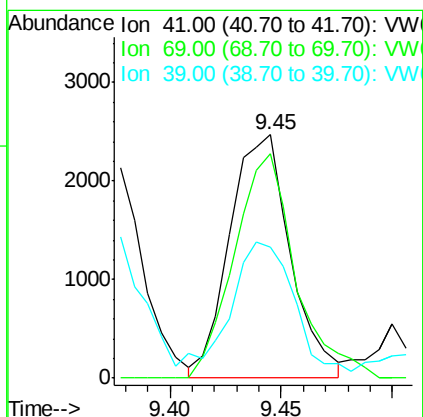
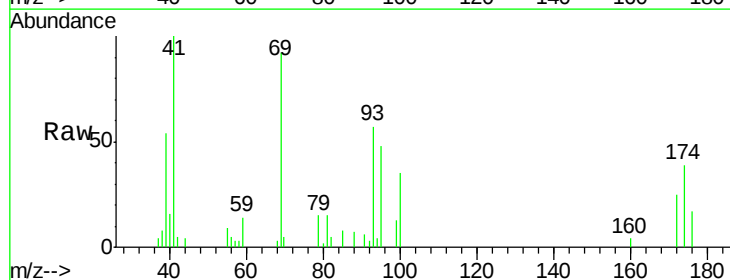
Tgt Ion: 41 Resp: 4685

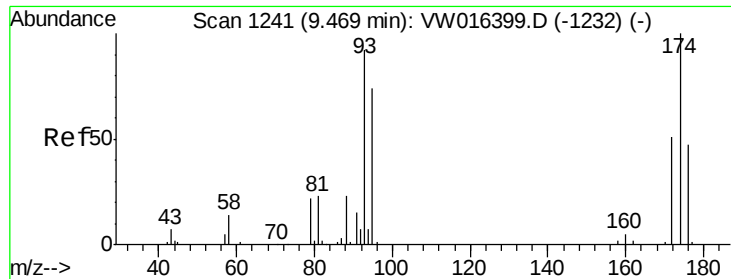
Ion Ratio Lower Upper

41 100

69 93.3 83.5 125.3

39 57.5 48.7 73.1

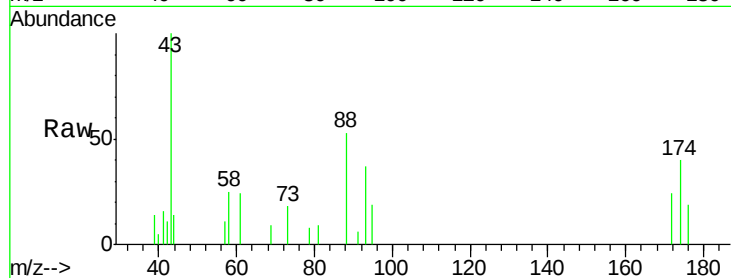




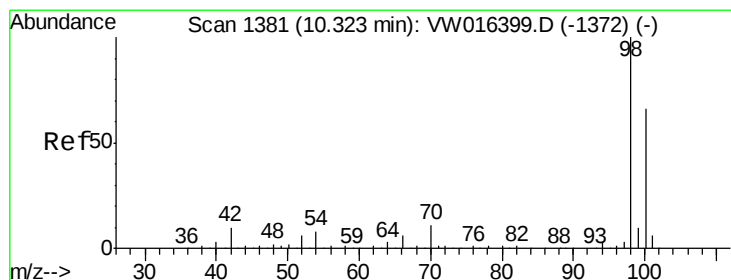
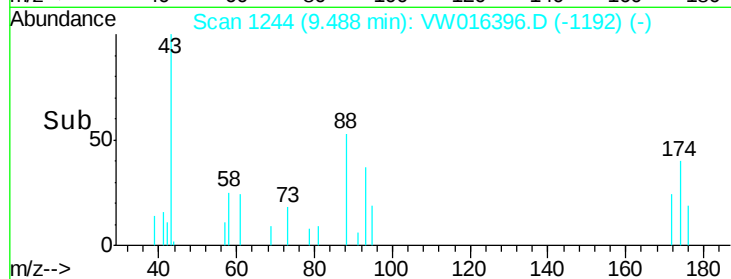
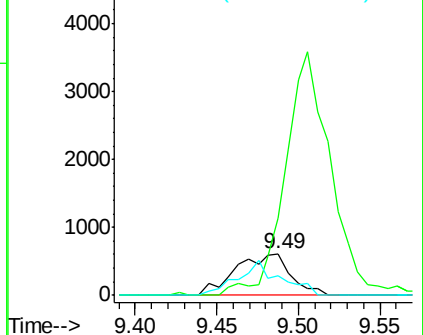
#49
 1,4-Dioxane
 Concen: 112.758 ug/l
 RT: 9.49 min Scan# 1244
 Delta R.T. 0.02 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 88 Resp: 1437
 Ion Ratio Lower Upper
 88 100
 43 0.0 0.0 0.0
 58 64.6 53.5 80.3

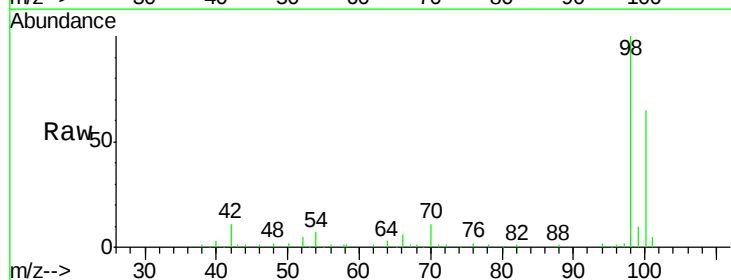


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

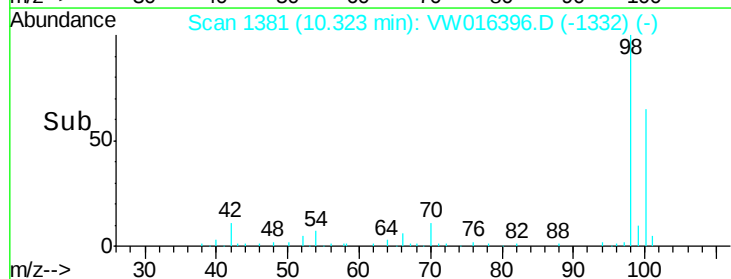
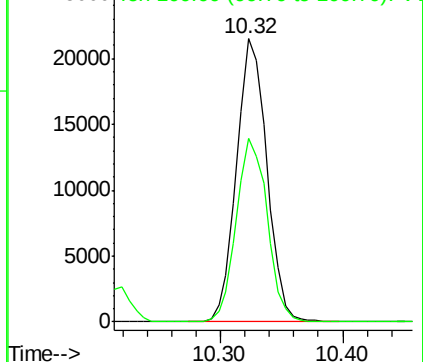


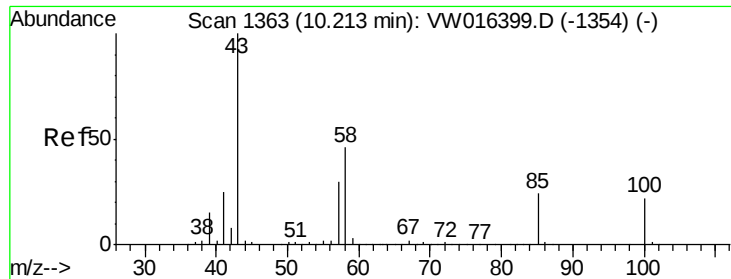
#50
 Toluene-d8
 Concen: 5.308 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 98 Resp: 37020
 Ion Ratio Lower Upper
 98 100
 100 66.1 52.6 78.8



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

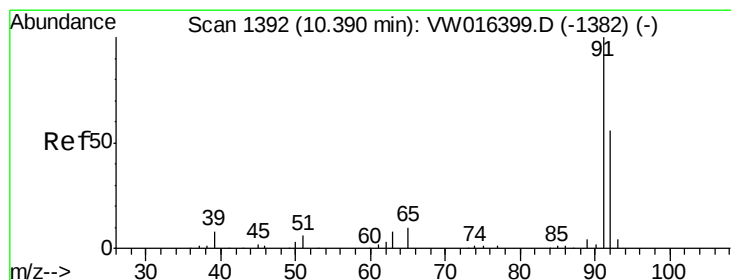
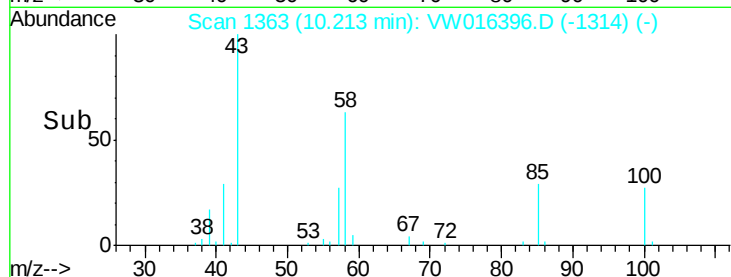
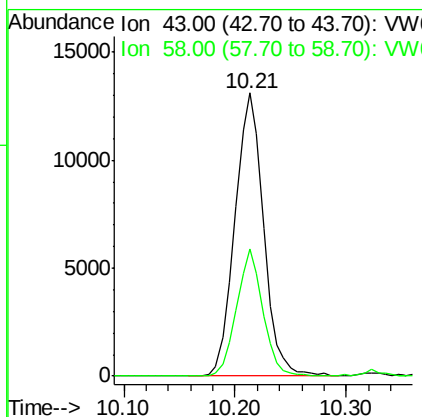
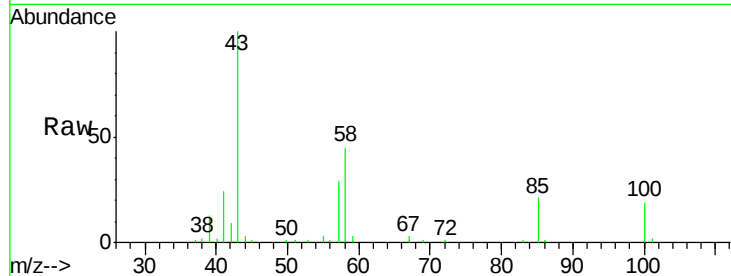




#51
4-Methyl-2-Pentanone
Concen: 24.874 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

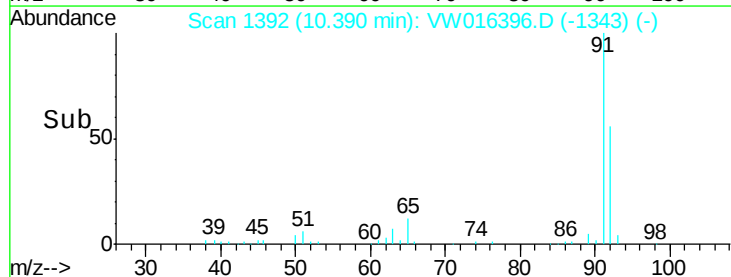
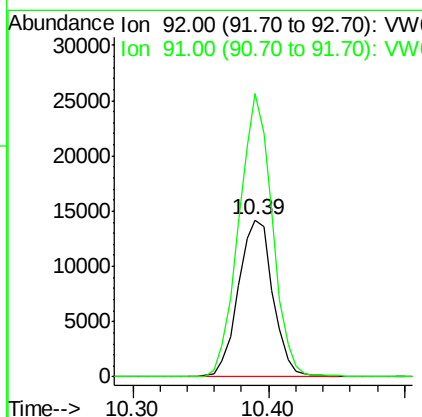
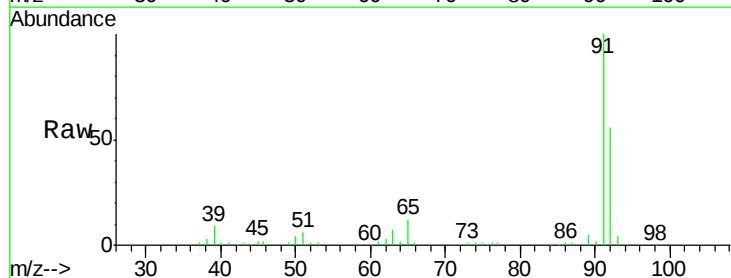
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

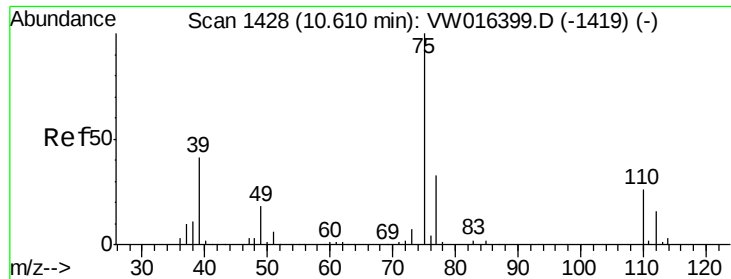
Tgt Ion: 43 Resp: 23333
Ion Ratio Lower Upper
43 100
58 41.1 35.4 53.0



#52
Toluene
Concen: 4.830 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion: 92 Resp: 25204
Ion Ratio Lower Upper
92 100
91 173.8 137.1 205.7

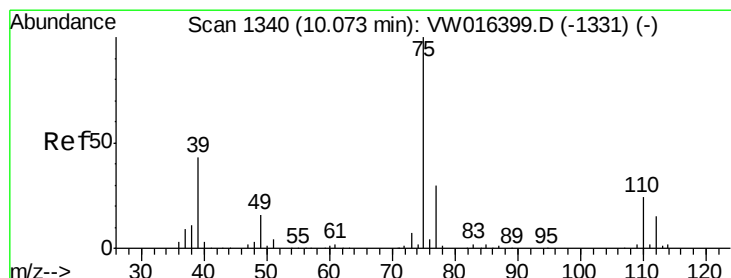
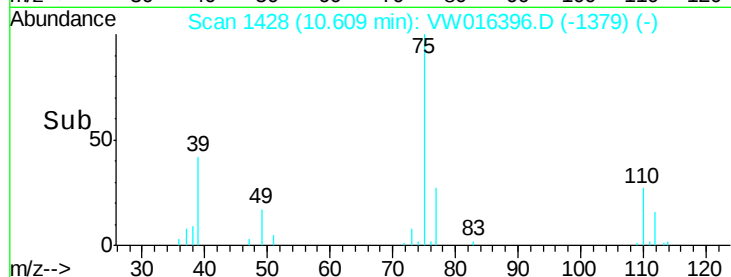
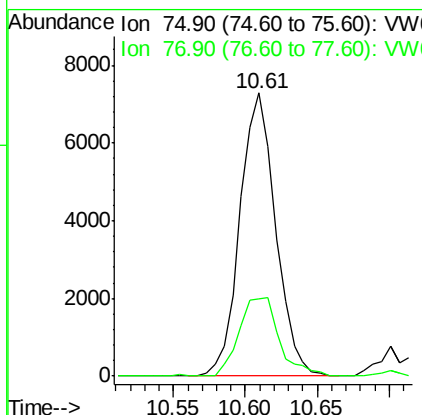
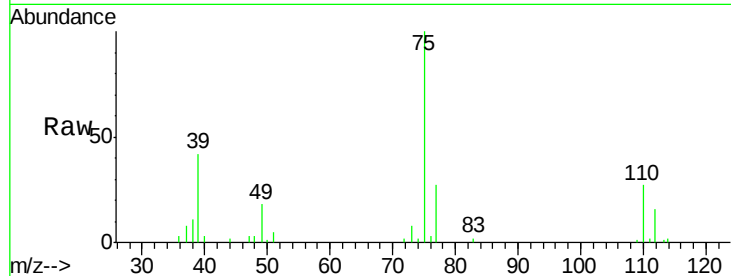




#53
 t-1,3-Dichloropropene
 Concen: 5.101 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

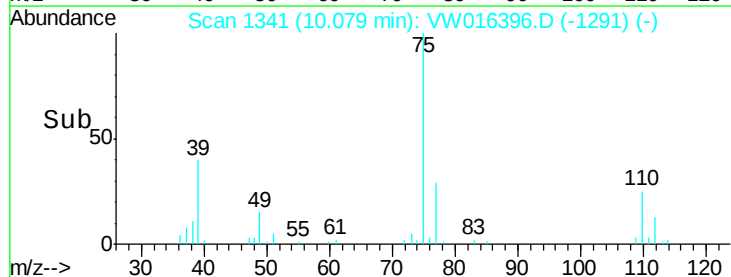
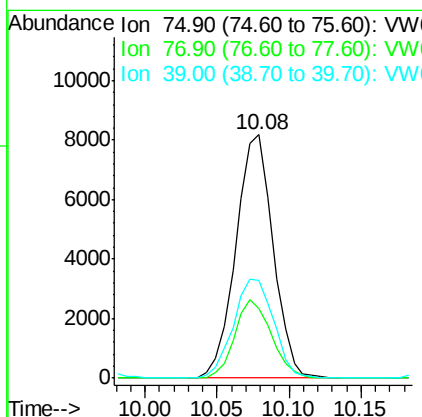
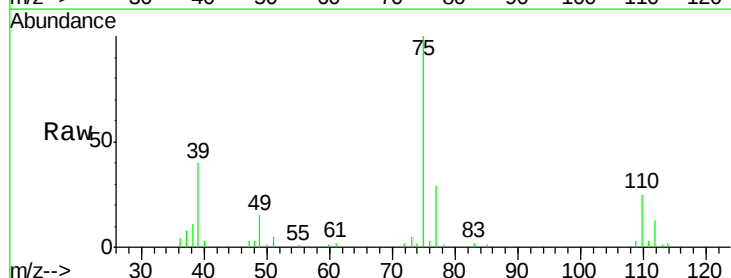
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

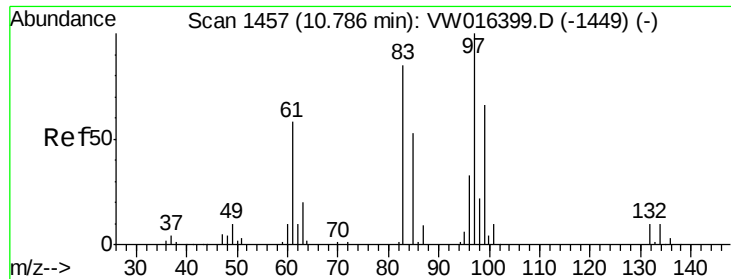
Tgt Ion: 75 Resp: 12514
 Ion Ratio Lower Upper
 75 100
 77 27.2 26.1 39.1



#54
 cis-1,3-Dichloropropene
 Concen: 4.866 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 75 Resp: 14665
 Ion Ratio Lower Upper
 75 100
 77 28.8 24.4 36.6
 39 40.1 34.6 51.8

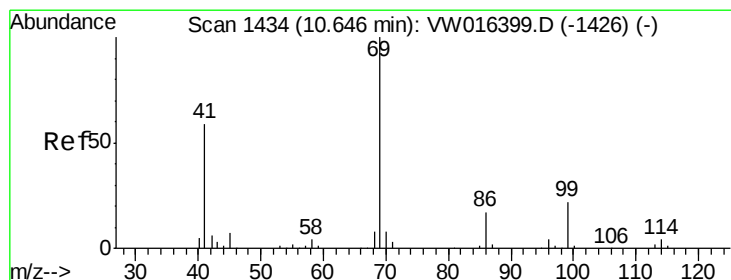
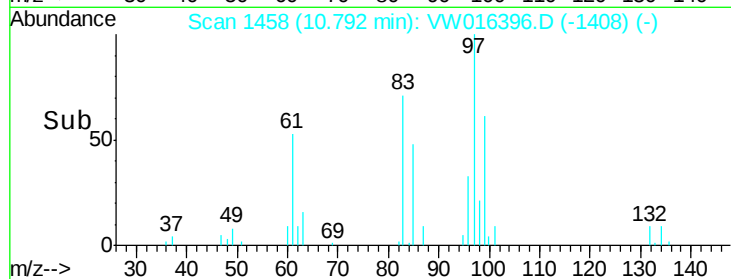
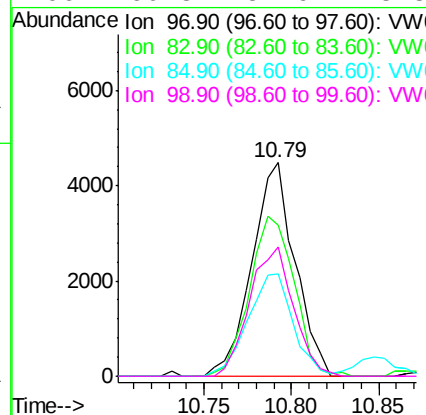
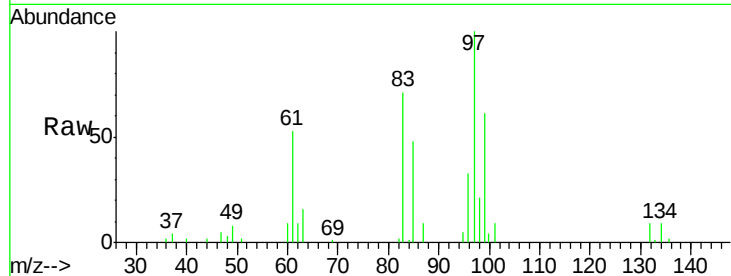




#55
 1,1,2-Trichloroethane
 Concen: 5.254 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

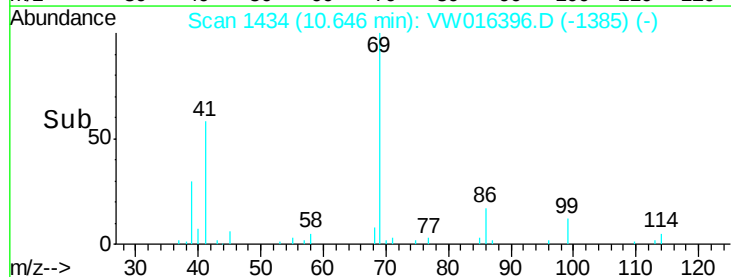
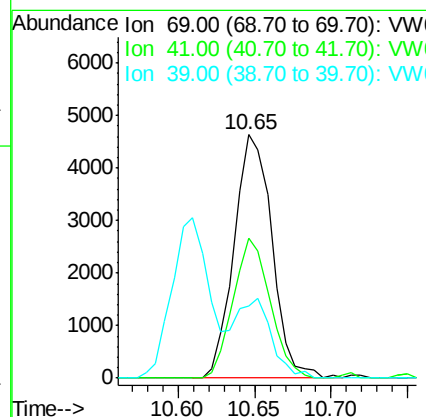
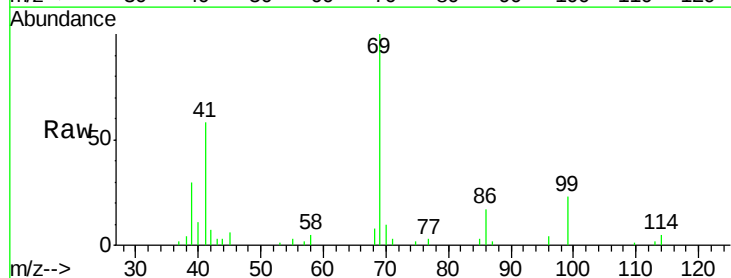
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

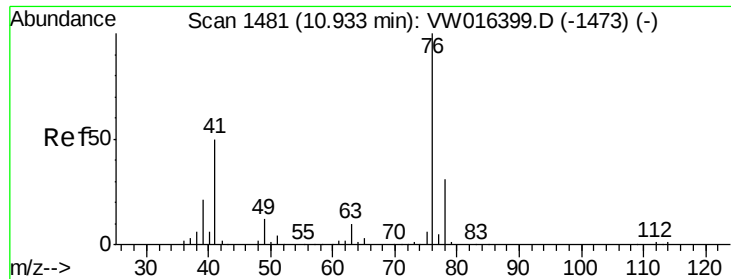
Tgt Ion:	97	Resp:	7680
Ion	Ratio	Lower	Upper
97	100		
83	70.7	68.0	102.0
85	48.1	42.2	63.2
99	60.8	52.6	78.8



#56
 Ethyl methacrylate
 Concen: 4.822 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion:	69	Resp:	7973
Ion	Ratio	Lower	Upper
69	100		
41	56.3	46.5	69.7
39	28.4	26.2	39.2

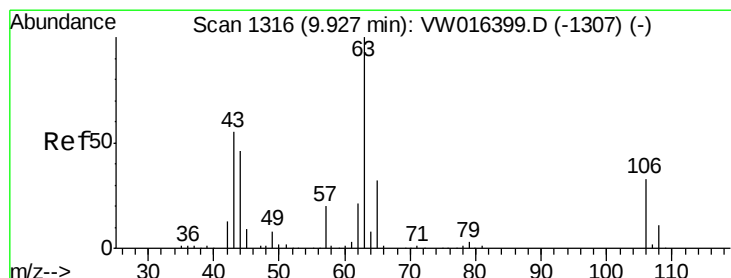
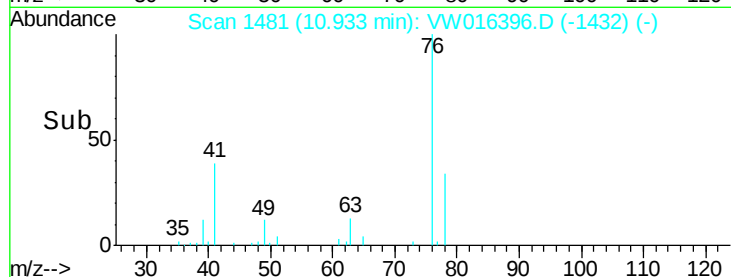
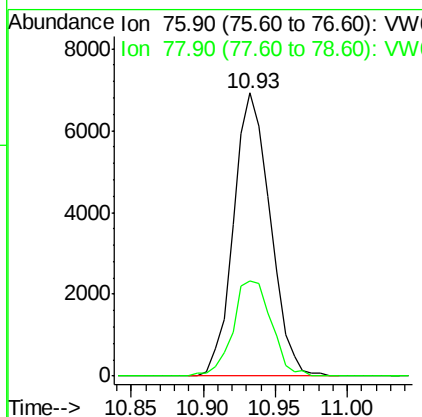
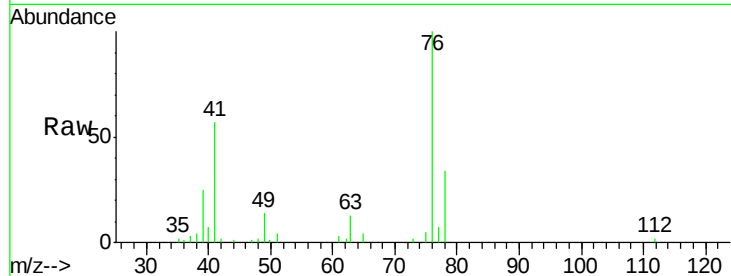




#57
 1,3-Dichloropropane
 Concen: 4.969 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

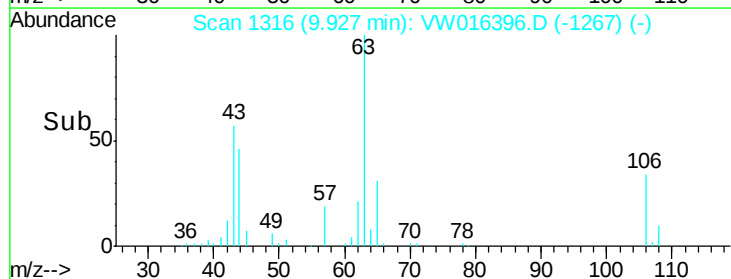
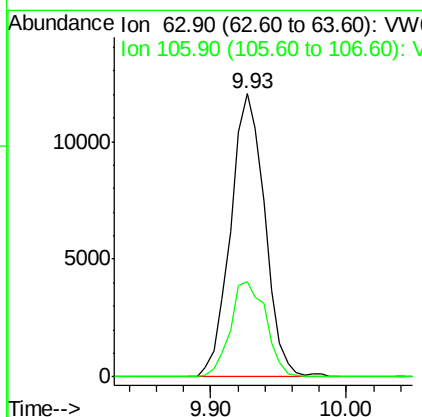
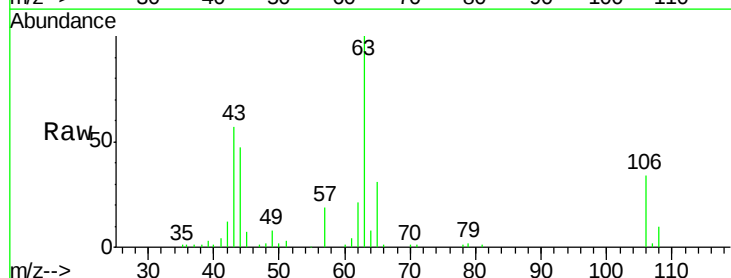
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

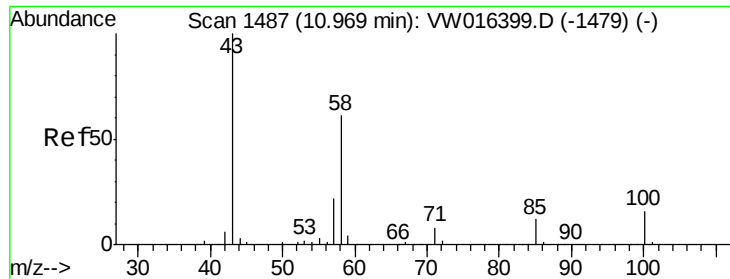
Tgt Ion: 76 Resp: 12284
 Ion Ratio Lower Upper
 76 100
 78 35.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 27.969 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 63 Resp: 21093
 Ion Ratio Lower Upper
 63 100
 106 34.9 26.6 40.0





#59

2-Hexanone

Concen: 23.518 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

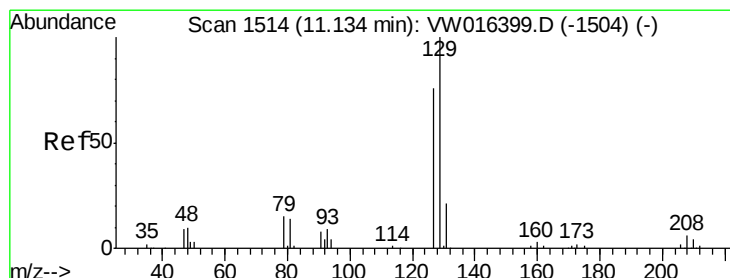
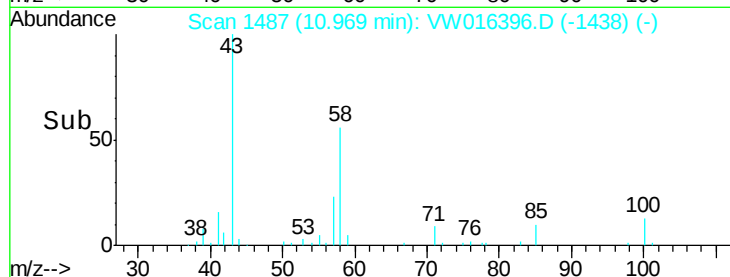
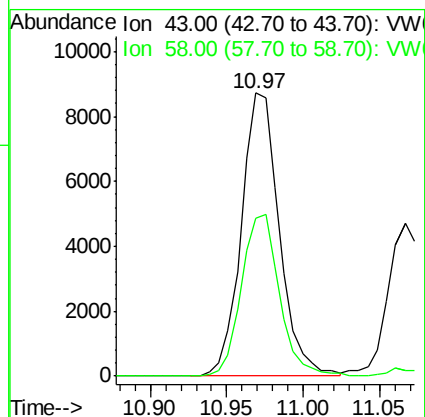
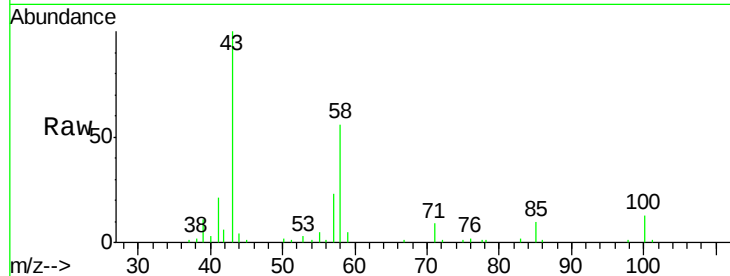
VSTDIC005

Tgt Ion: 43 Resp: 15036

Ion Ratio Lower Upper

43 100

58 57.2 29.7 89.1



#60

Dibromochloromethane

Concen: 5.011 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.01 min

Lab File: VW016396.D

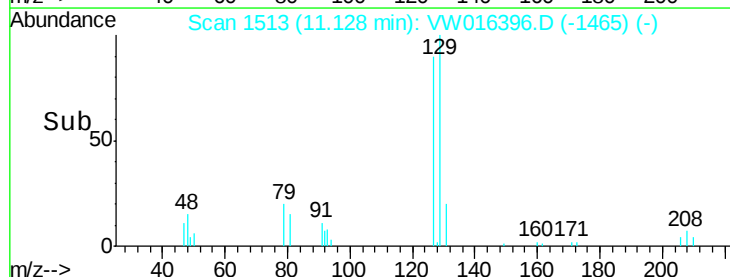
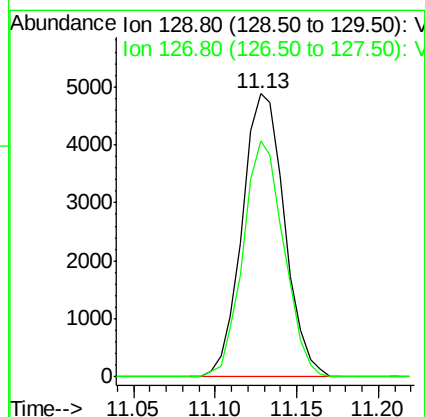
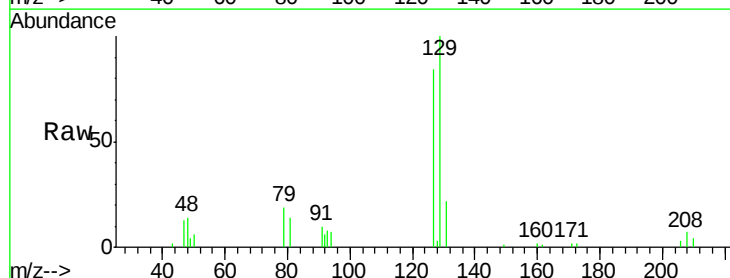
Acq: 28 Aug 2020 12:33

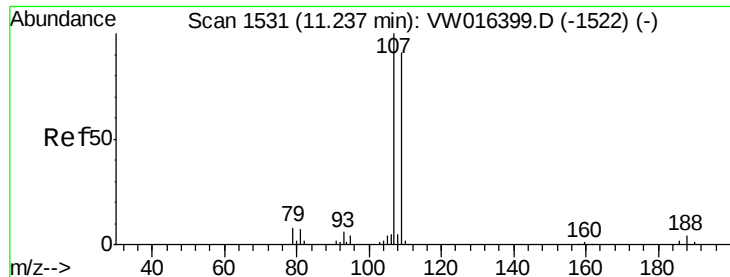
Tgt Ion: 129 Resp: 8819

Ion Ratio Lower Upper

129 100

127 80.2 38.6 115.7

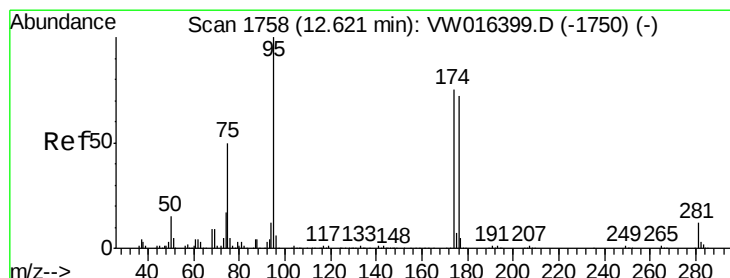
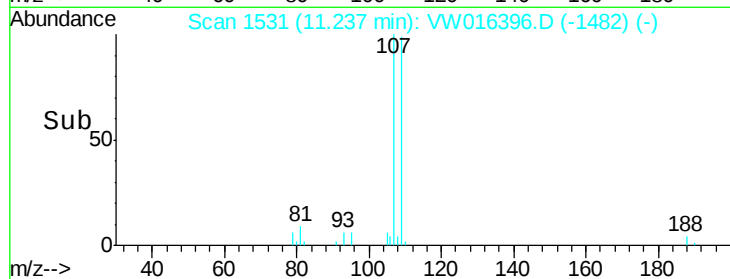
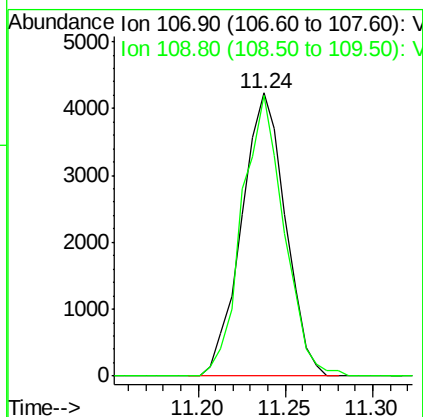
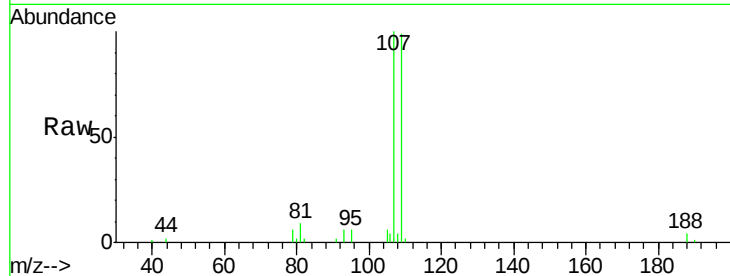




#61
 1,2-Dibromoethane
 Concen: 5.238 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

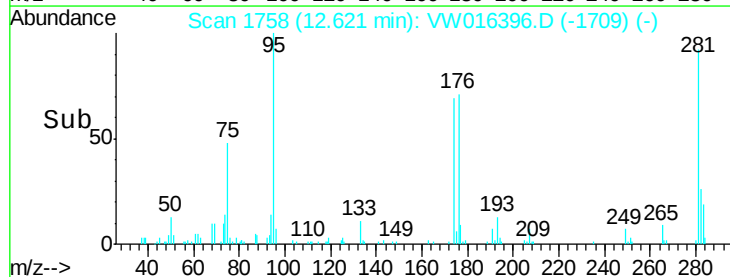
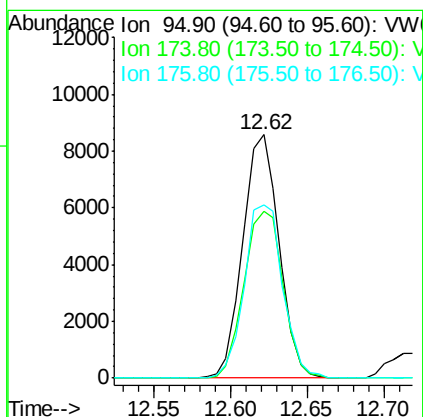
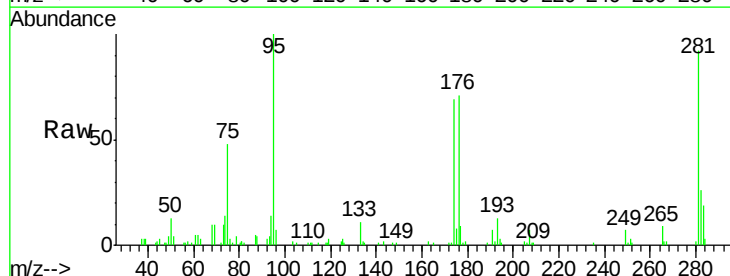
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

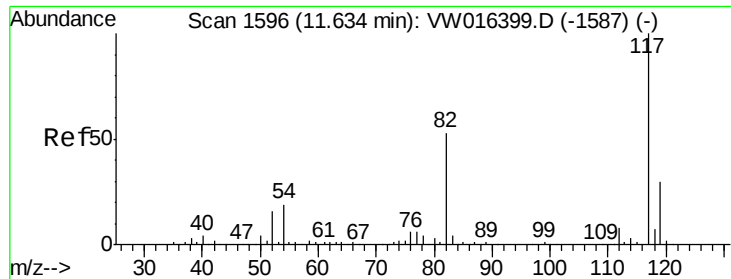
Tgt Ion: 107 Resp: 7374
 Ion Ratio Lower Upper
 107 100
 109 95.5 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 5.634 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 95 Resp: 14125
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 152.0
 176 75.6 0.0 145.6

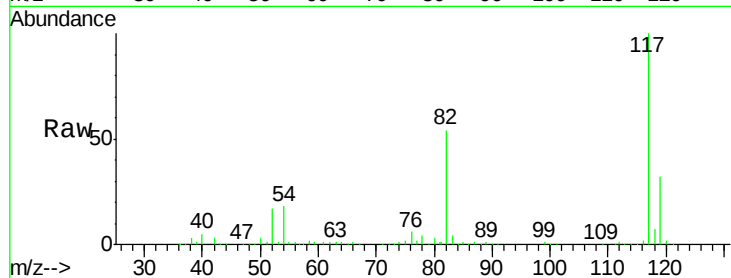




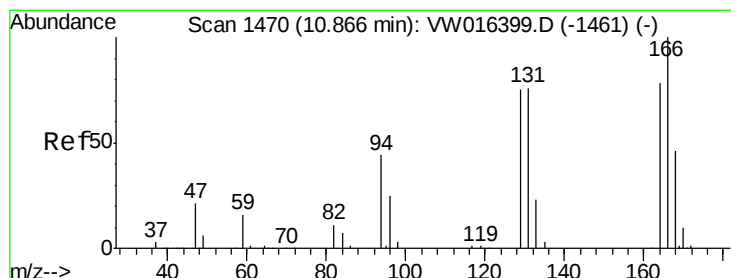
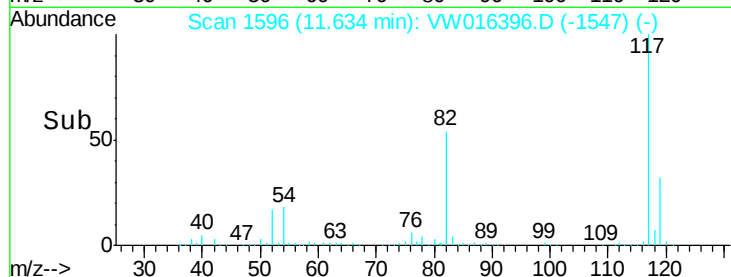
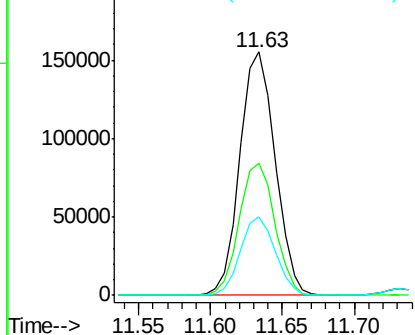
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 264495
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.4
119 32.1 24.2 36.4

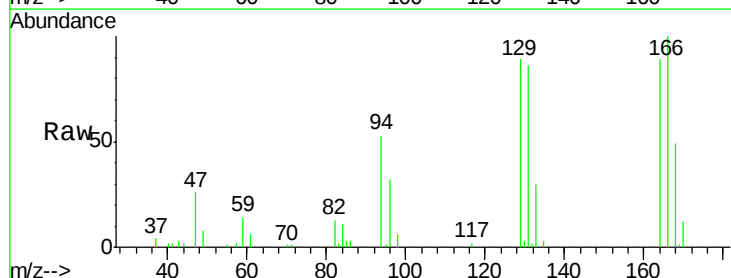


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

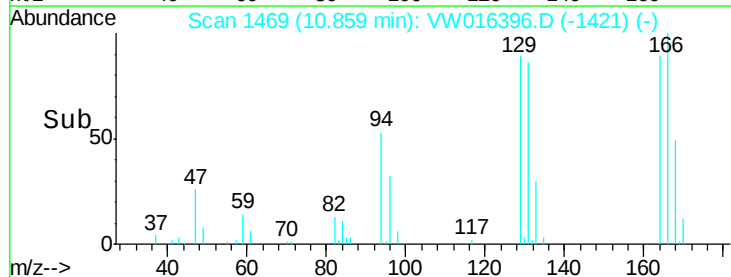
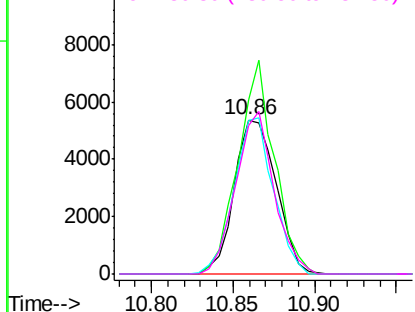


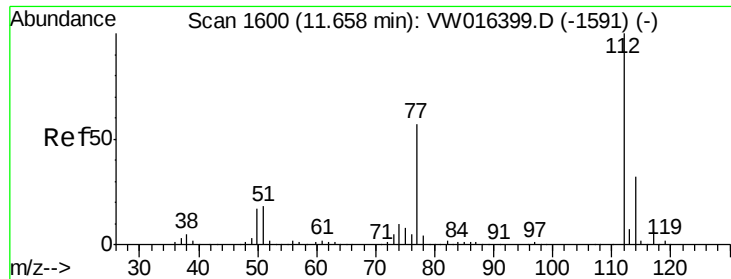
#64
Tetrachloroethene
Concen: 5.425 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion:164 Resp: 9605
Ion Ratio Lower Upper
164 100
166 112.9 103.1 154.7
129 100.3 77.3 115.9
131 97.0 78.2 117.2



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

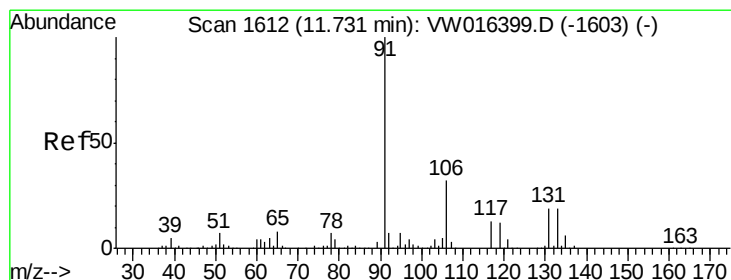
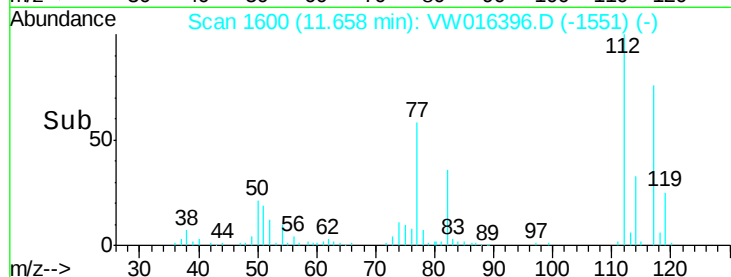
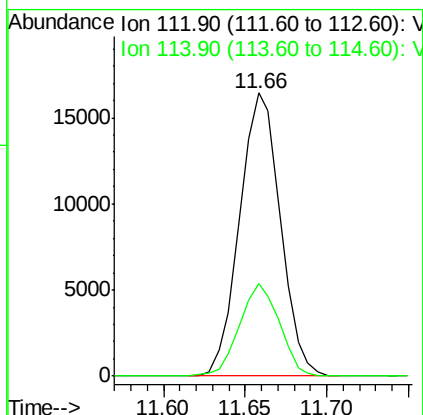
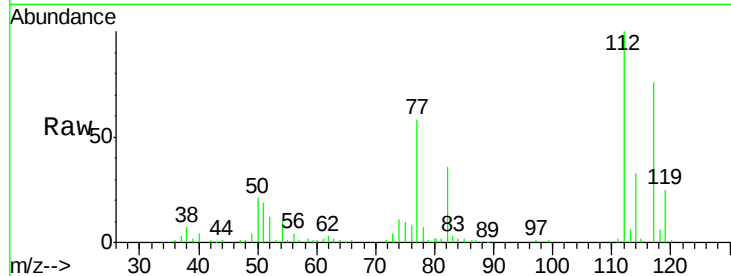




#65
Chlorobenzene
Concen: 5.220 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

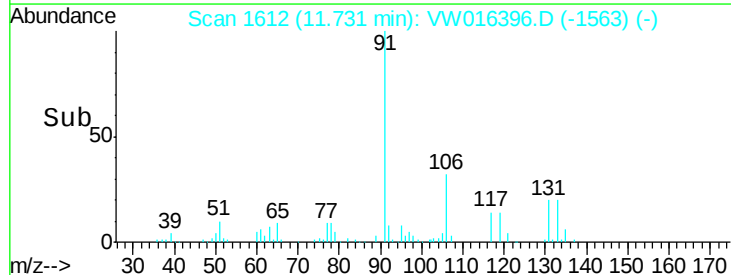
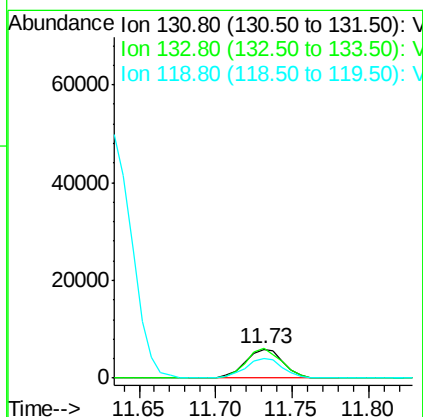
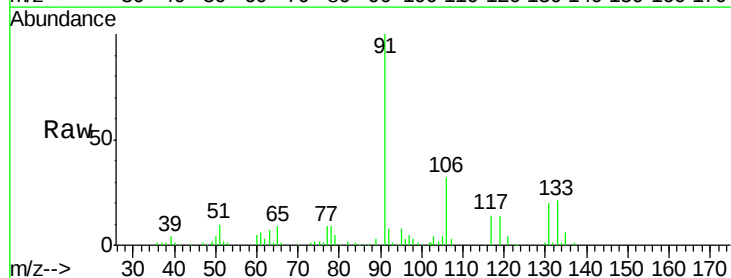
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

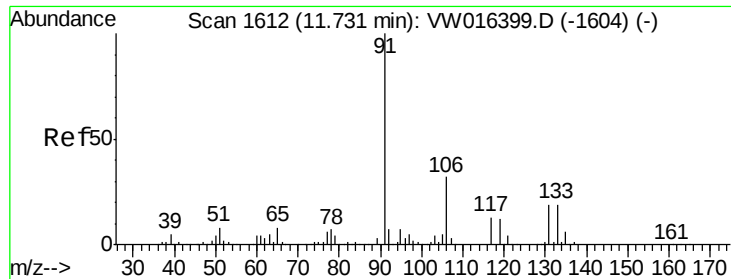
Tgt Ion:112 Resp: 28616
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.292 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion:131 Resp: 10222
Ion Ratio Lower Upper
131 100
133 97.9 46.9 140.6
119 66.2 31.6 95.0

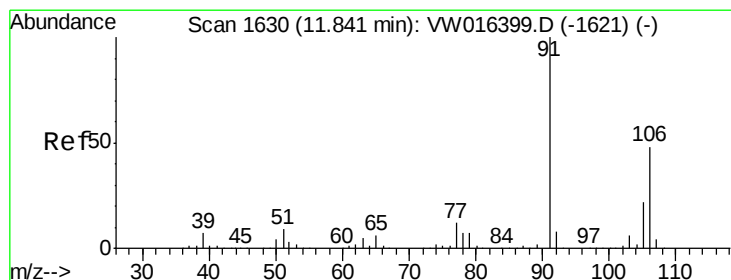
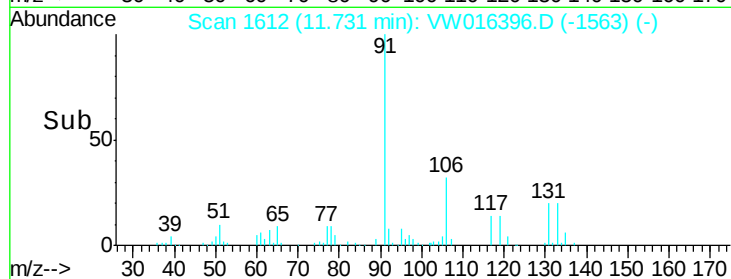
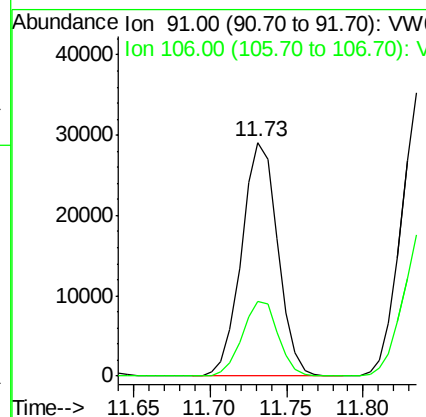
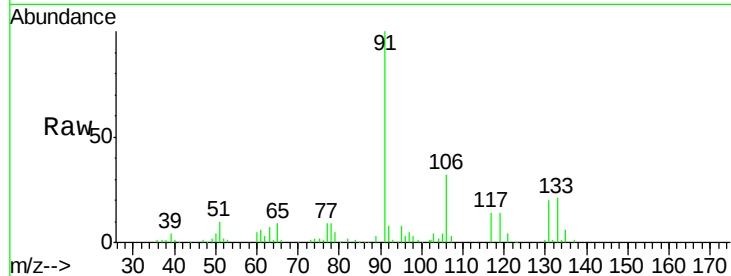




#67
Ethyl Benzene
Concen: 4.874 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

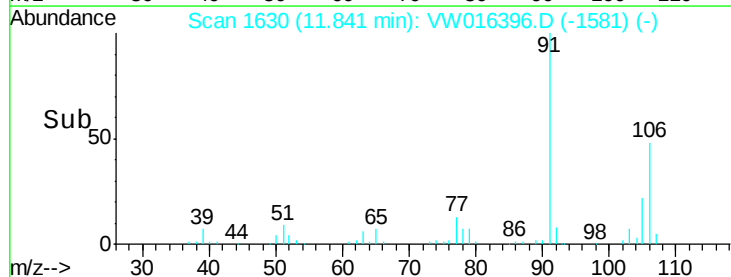
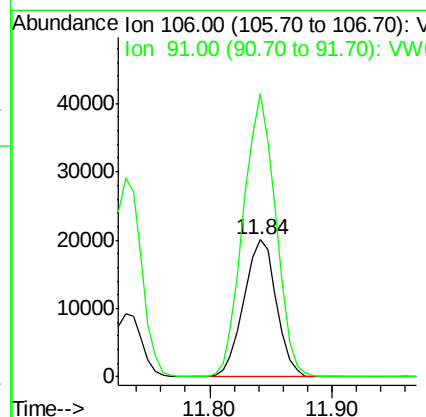
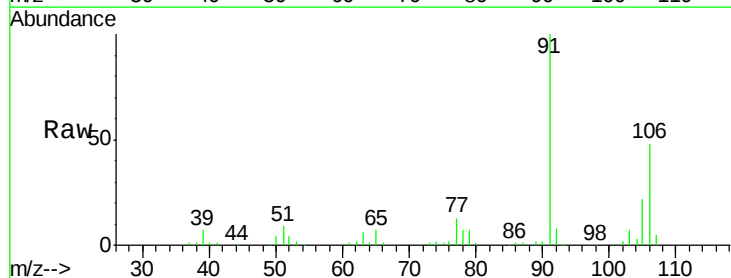
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

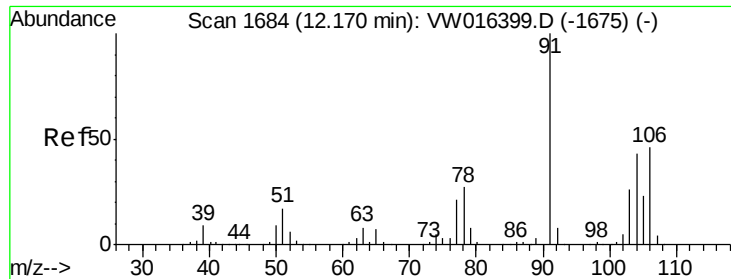
Tgt Ion: 91 Resp: 47802
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 9.898 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion: 106 Resp: 37293
Ion Ratio Lower Upper
106 100
91 205.3 167.7 251.5

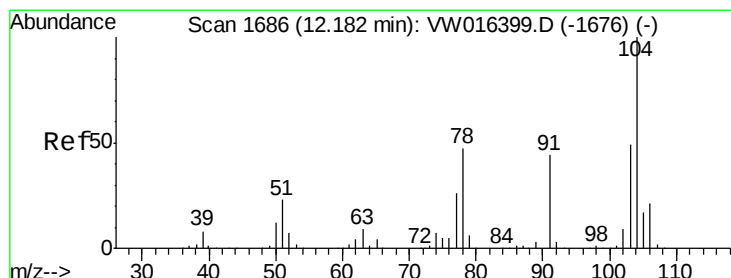
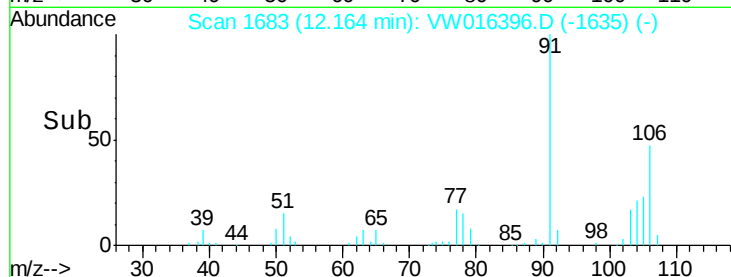
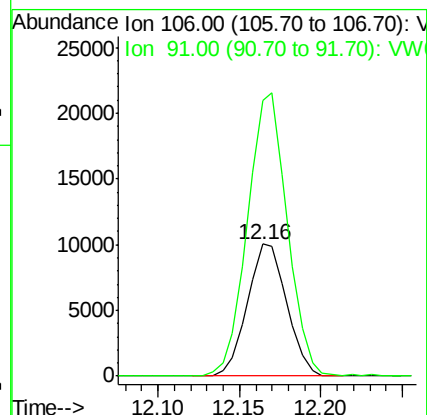
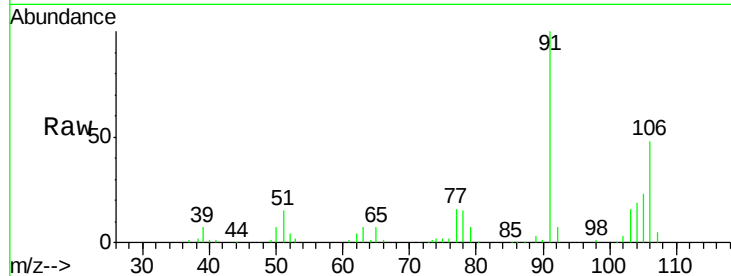




#69
o-Xylene
Concen: 5.038 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

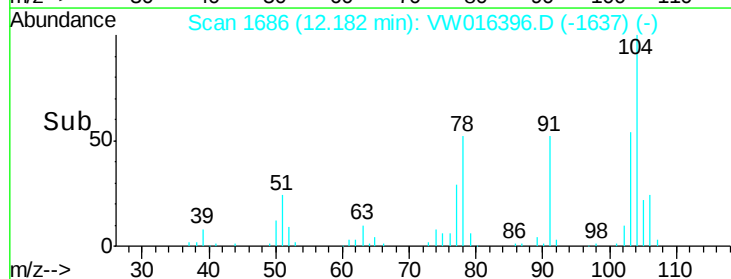
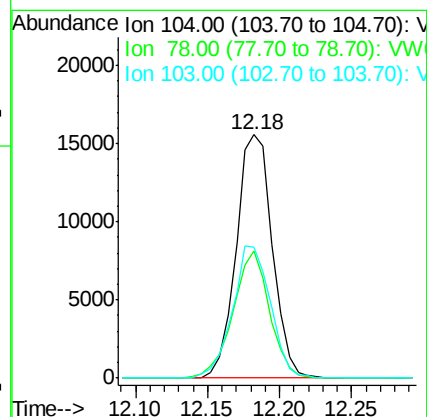
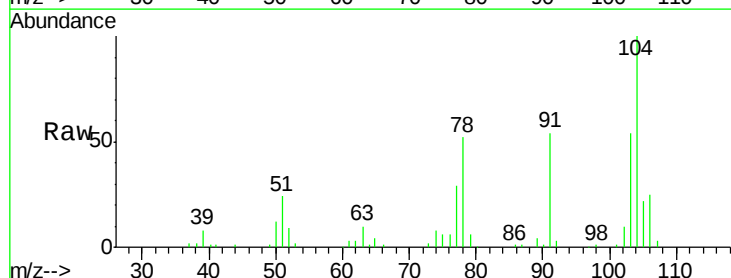
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

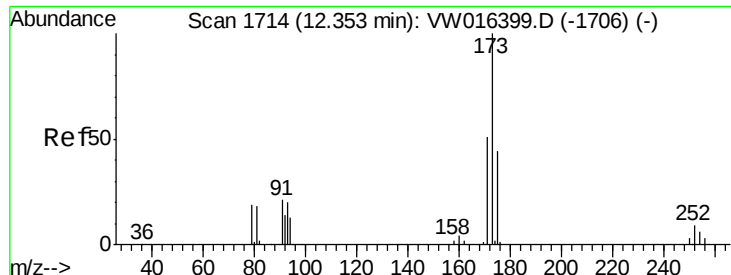
Tgt Ion:106 Resp: 16915
Ion Ratio Lower Upper
106 100
91 215.9 111.7 334.9



#70
Styrene
Concen: 4.664 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion:104 Resp: 27113
Ion Ratio Lower Upper
104 100
78 53.0 41.7 62.5
103 57.3 42.9 64.3





#71

Bromoform

Concen: 5.812 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

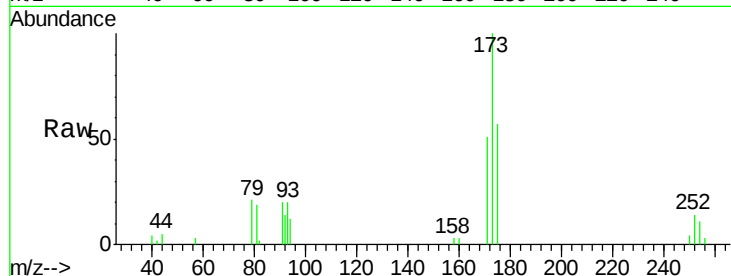
Tgt Ion:173 Resp: 5110

Ion Ratio Lower Upper

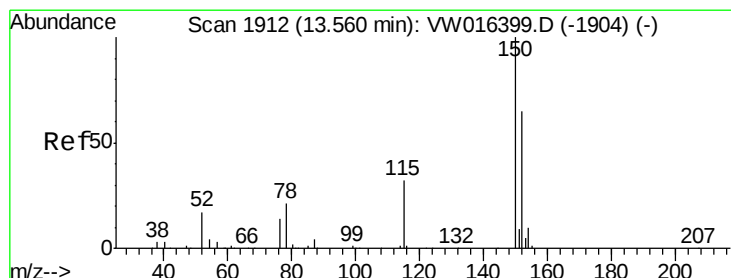
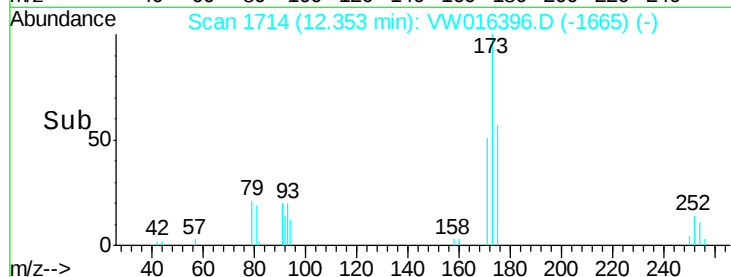
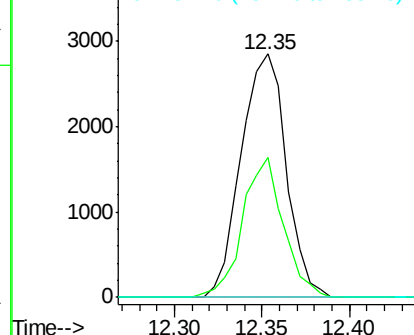
173 100

175 52.0 23.5 70.6

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

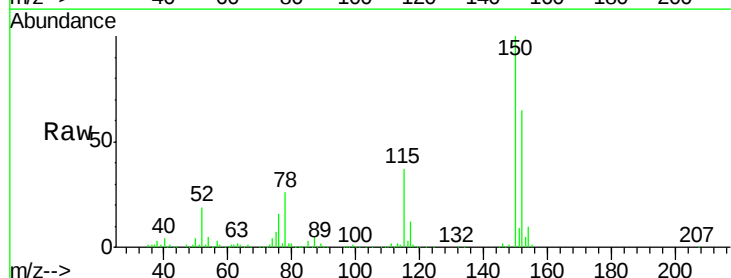
Tgt Ion:152 Resp: 131887

Ion Ratio Lower Upper

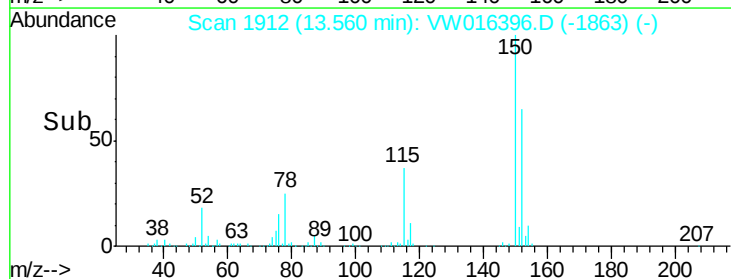
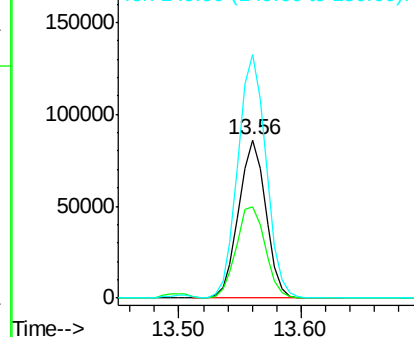
152 100

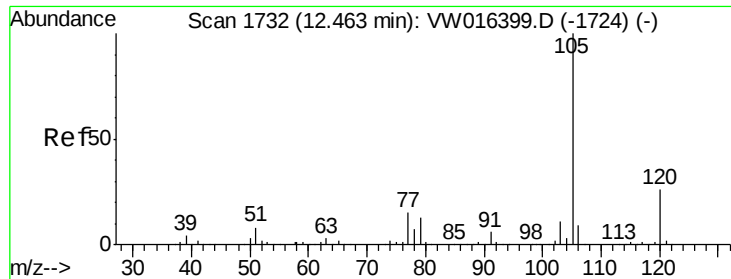
115 61.5 30.9 92.5

150 159.8 0.0 351.0



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





#73

Isopropylbenzene

Concen: 4.567 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

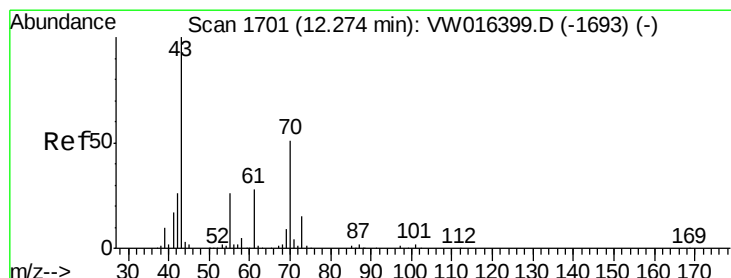
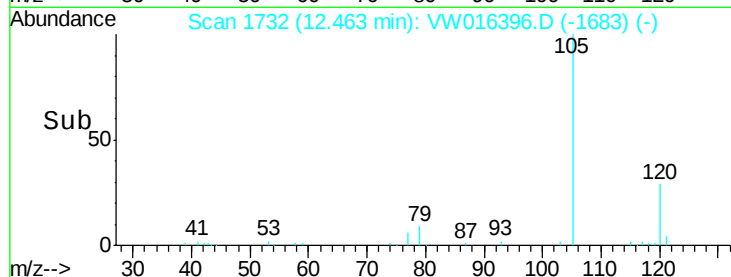
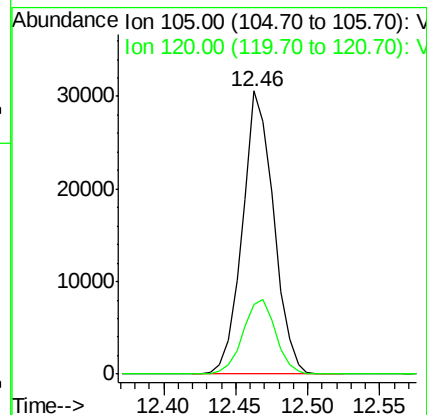
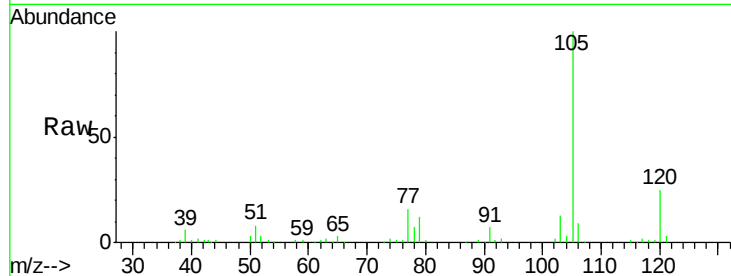
VSTDIC005

Tgt Ion: 105 Resp: 45940

Ion Ratio Lower Upper

105 100

120 27.6 13.2 39.6



#74

N-ethyl acetate

Concen: 4.517 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Tgt Ion: 43 Resp: 8025

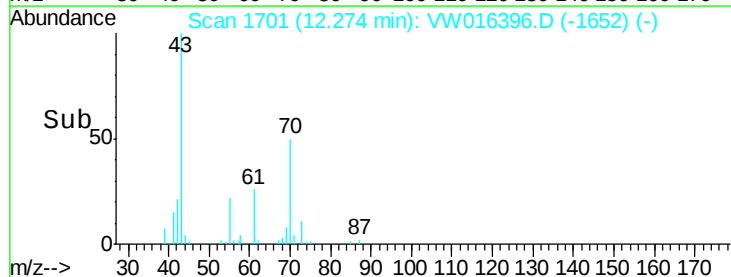
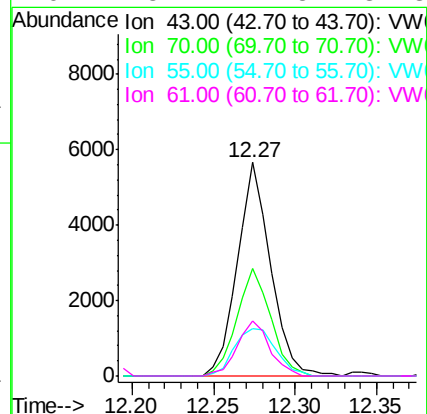
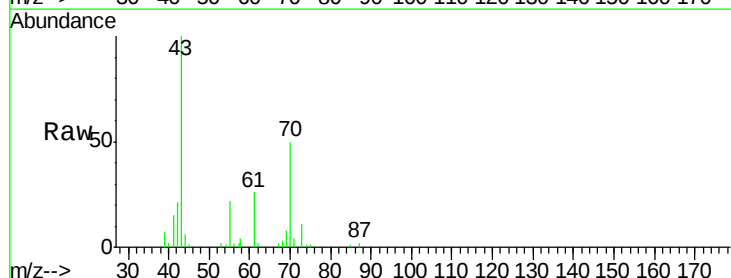
Ion Ratio Lower Upper

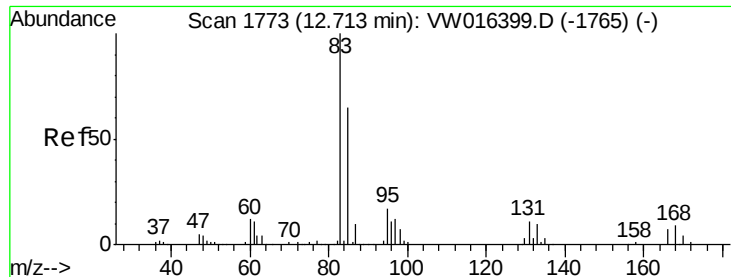
43 100

70 51.2 40.8 61.2

55 27.9 21.6 32.4

61 25.2 21.5 32.3





#75

1,1,2,2-Tetrachloroethane

Concen: 4.935 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

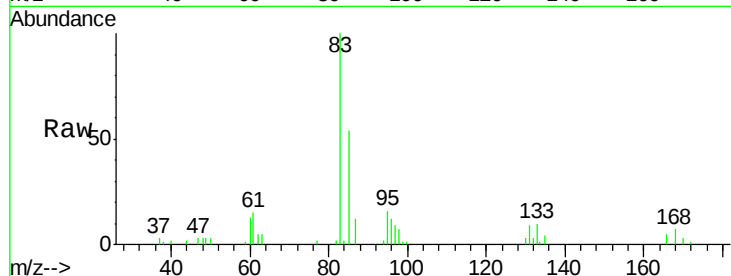
Tgt Ion: 83 Resp: 8223

Ion Ratio Lower Upper

83 100

131 10.1 5.9 17.8

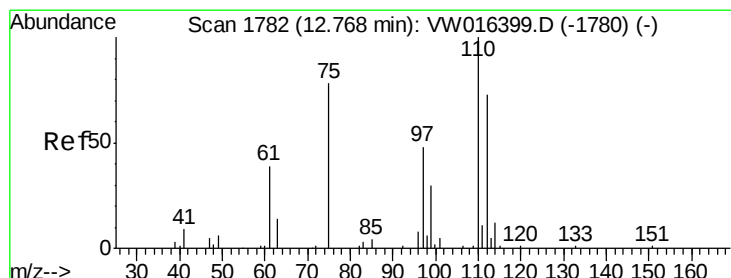
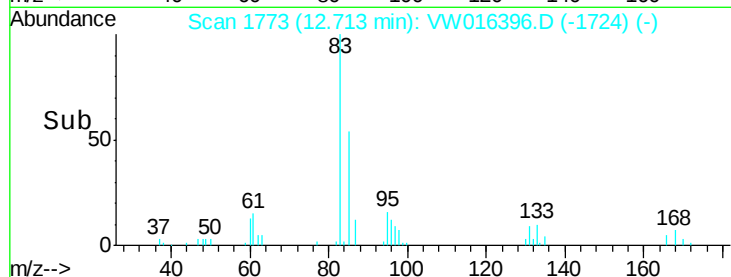
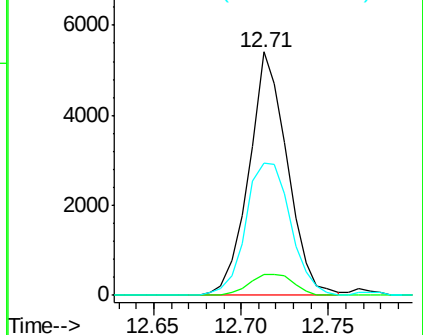
85 63.9 32.3 96.8



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: 8.895 ug/l

RT: 12.77 min Scan# 1782

Delta R.T. -0.00 min

Lab File: VW016396.D

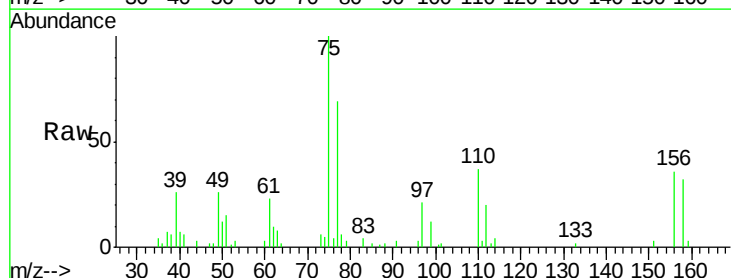
Acq: 28 Aug 2020 12:33

Tgt Ion: 75 Resp: 10722

Ion Ratio Lower Upper

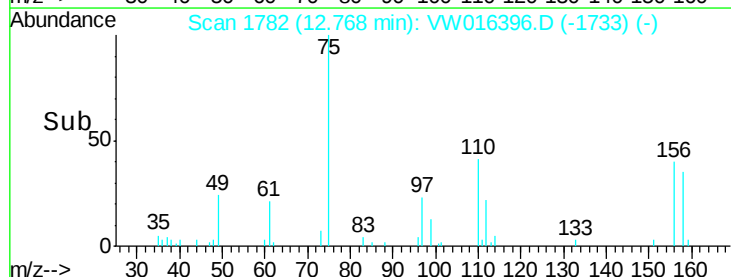
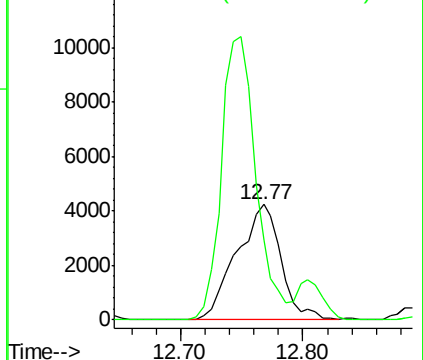
75 100

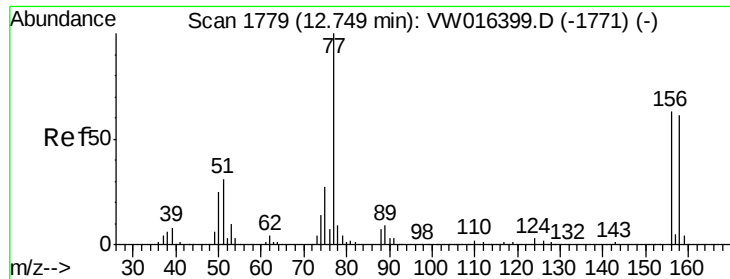
77 188.6 173.4 520.2



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 5.238 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

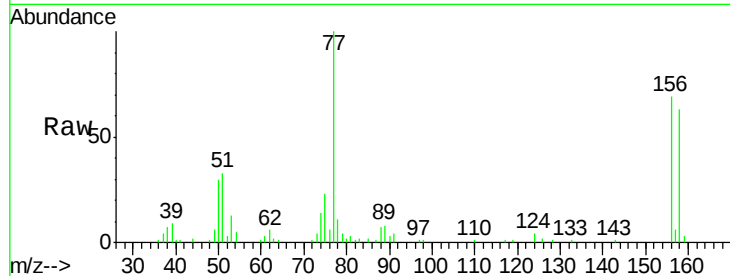
Tgt Ion:156 Resp: 11764

Ion Ratio Lower Upper

156 100

77 171.9 90.0 269.9

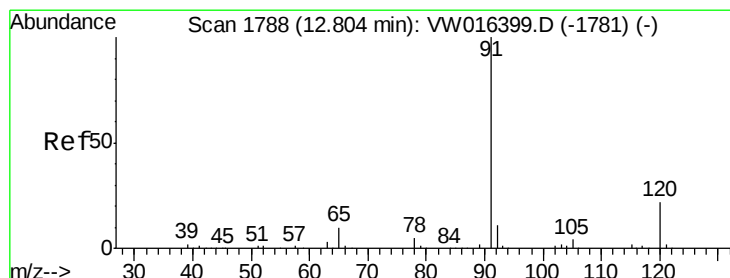
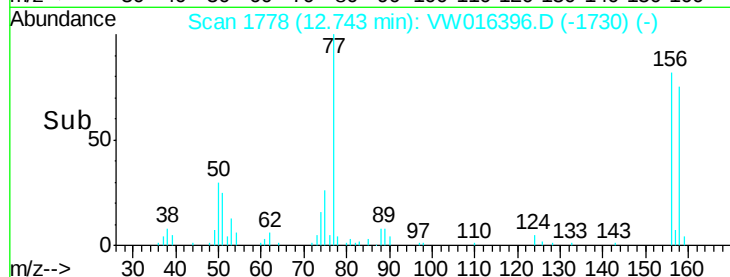
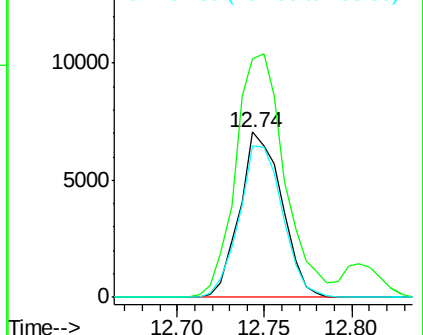
158 94.9 47.3 141.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.735 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW016396.D

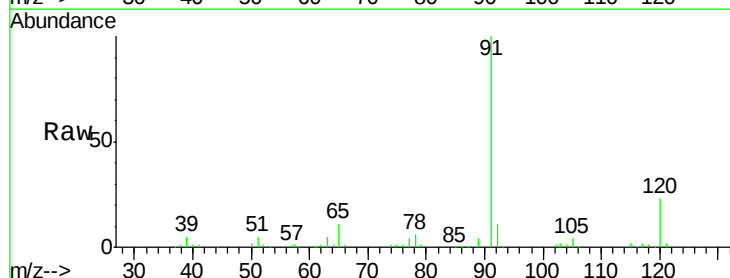
Acq: 28 Aug 2020 12:33

Tgt Ion: 91 Resp: 56636

Ion Ratio Lower Upper

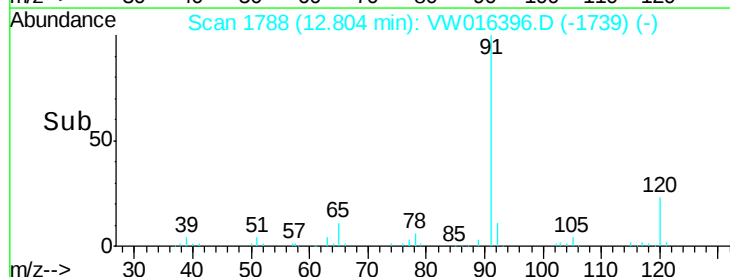
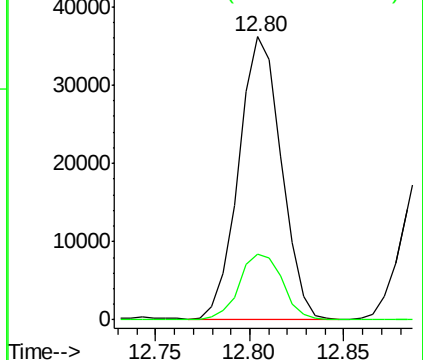
91 100

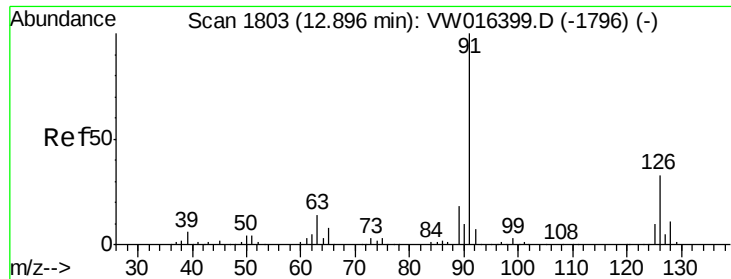
120 23.6 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V

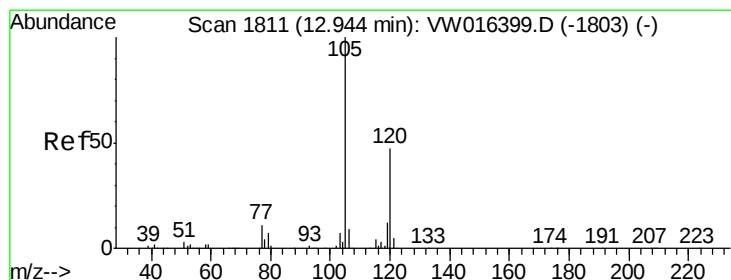
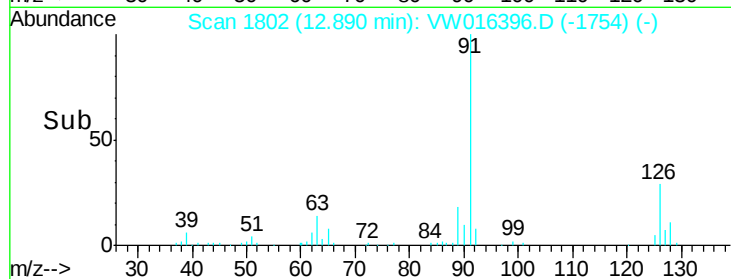
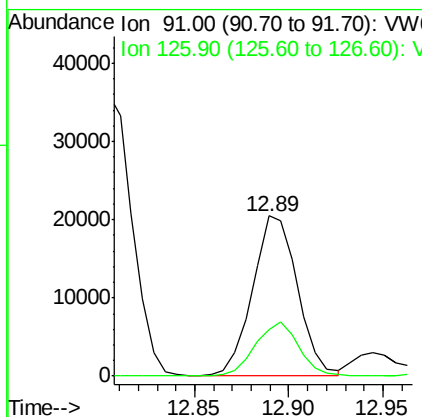
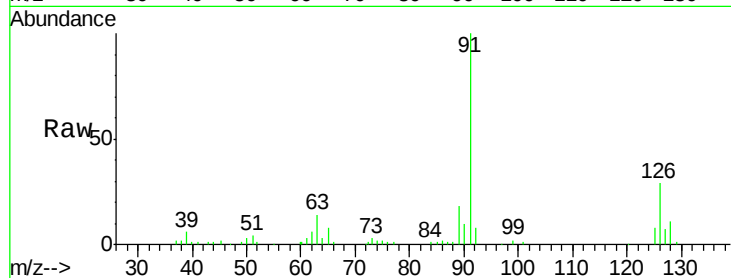




#79
 2-Chlorotoluene
 Concen: 4.886 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

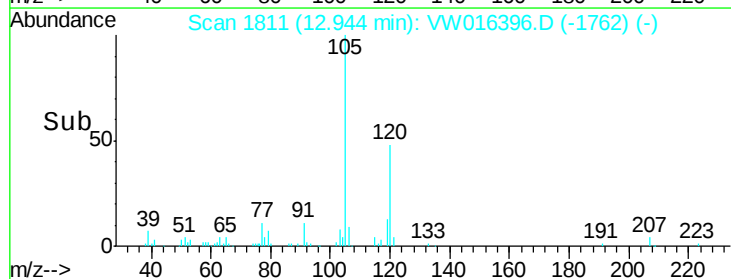
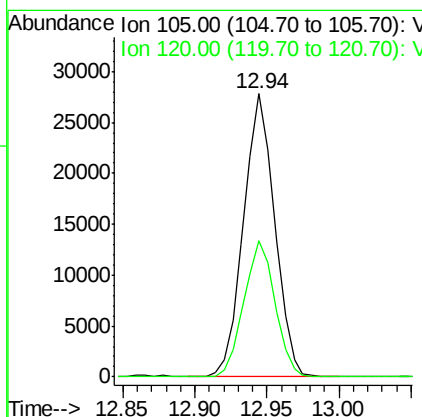
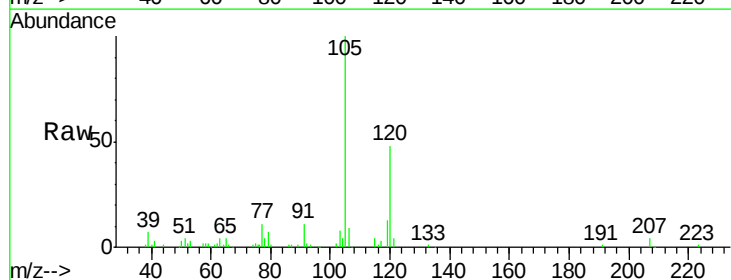
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

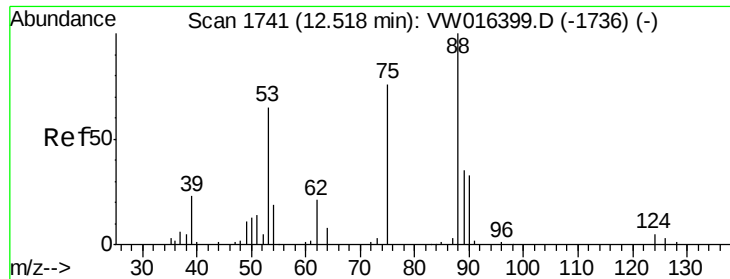
Tgt Ion: 91 Resp: 33845
 Ion Ratio Lower Upper
 91 100
 126 32.6 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 4.820 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 105 Resp: 41800
 Ion Ratio Lower Upper
 105 100
 120 47.8 23.8 71.2

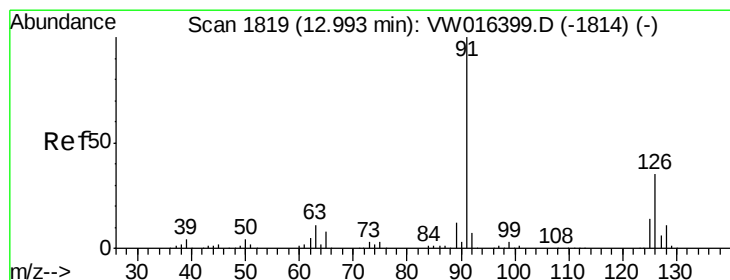
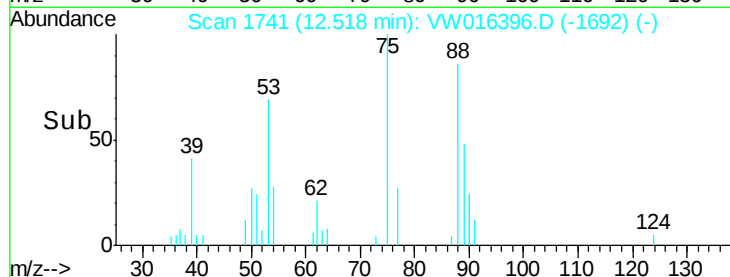
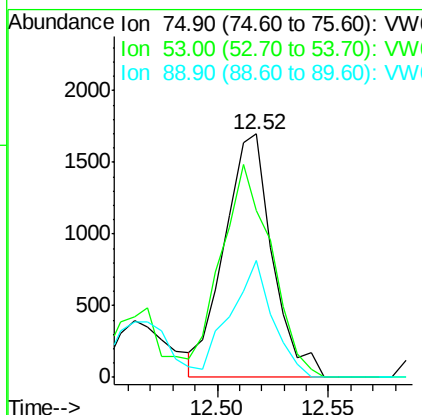
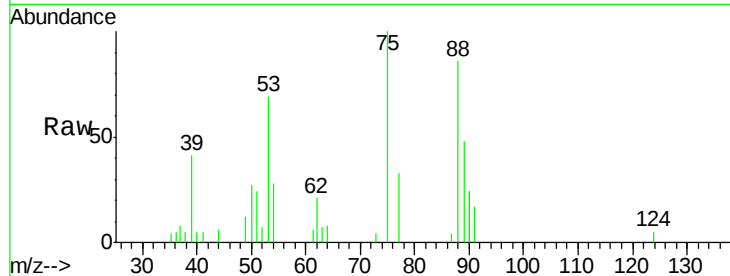




#81
trans-1,4-Dichloro-2-butene
Concen: 5.076 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

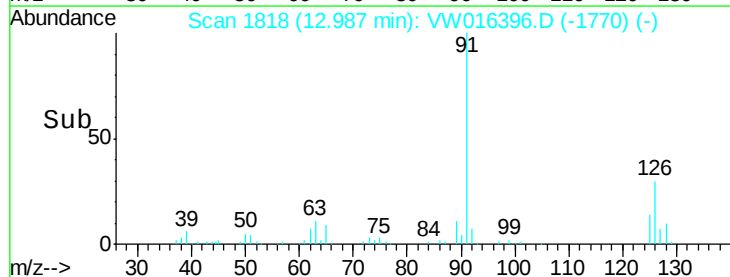
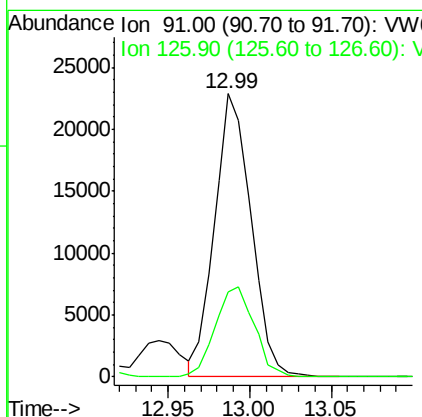
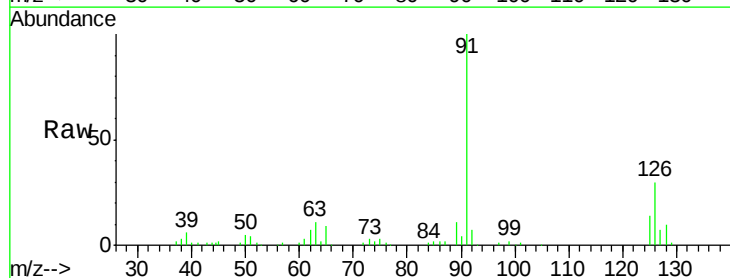
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

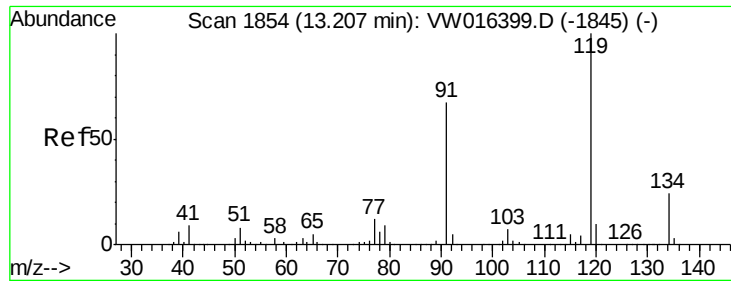
Tgt Ion: 75 Resp: 2556
Ion Ratio Lower Upper
75 100
53 91.5 75.2 112.8
89 42.3 40.4 60.6



#82
4-Chlorotoluene
Concen: 4.967 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion: 91 Resp: 35737
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9

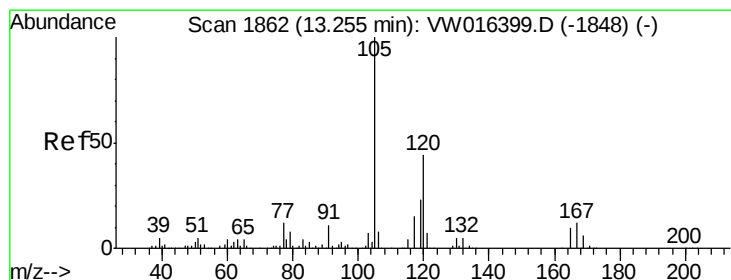
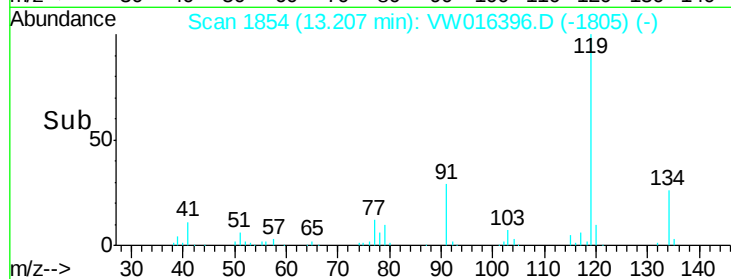
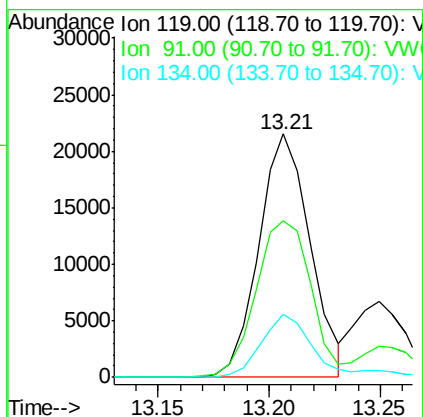
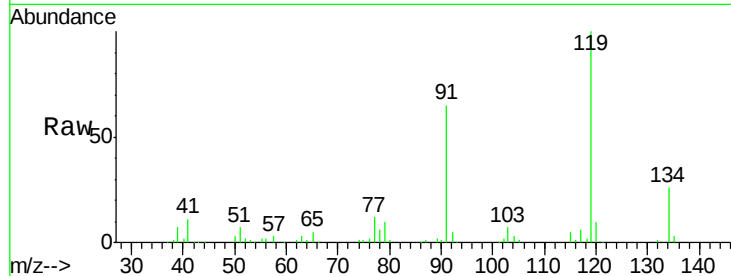




#83
 tert-Butylbenzene
 Concen: 4.864 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

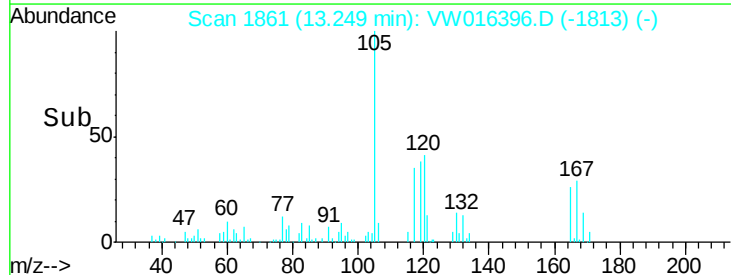
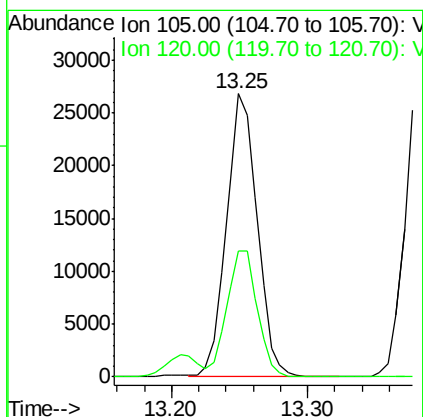
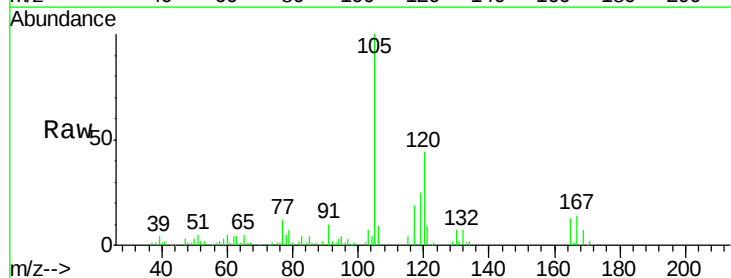
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

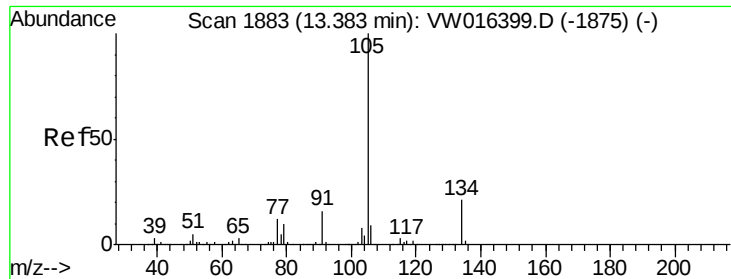
Tgt Ion:119 Resp: 34501
 Ion Ratio Lower Upper
 119 100
 91 70.2 34.1 102.3
 134 27.2 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 4.922 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion:105 Resp: 42023
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.1

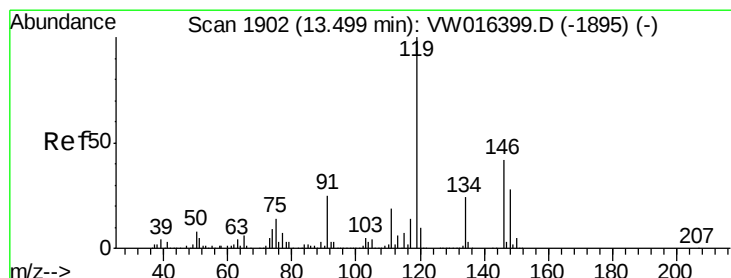
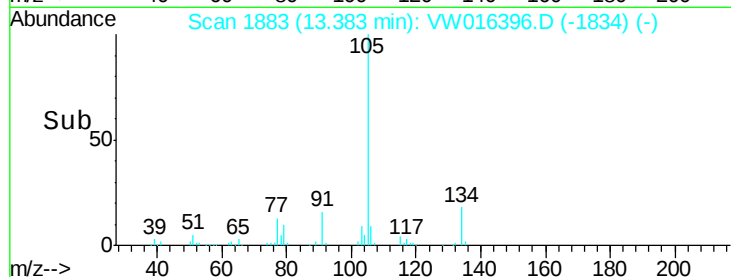
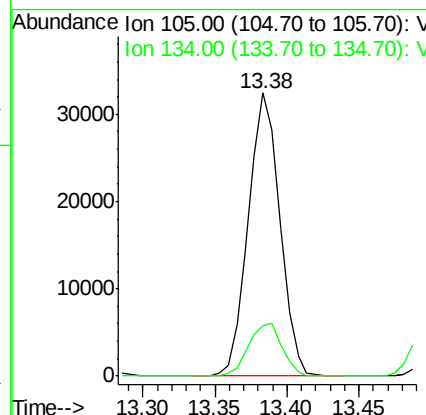
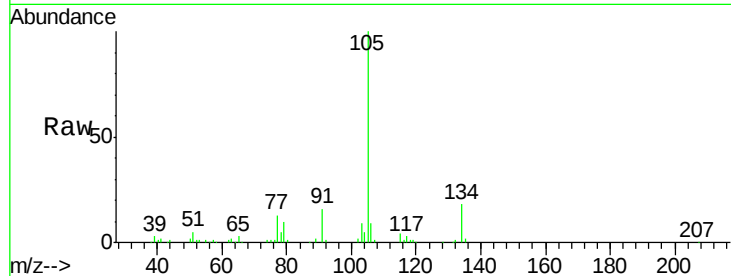




#85
 sec-Butylbenzene
 Concen: 4.802 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

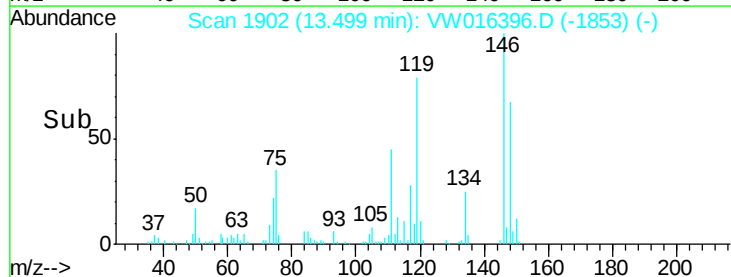
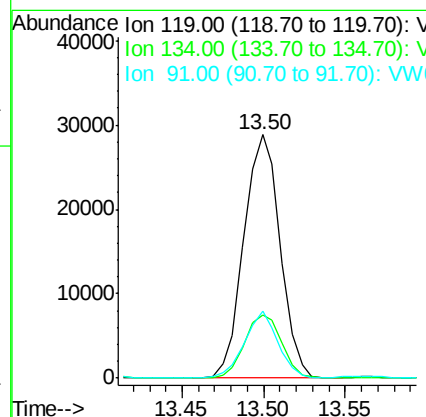
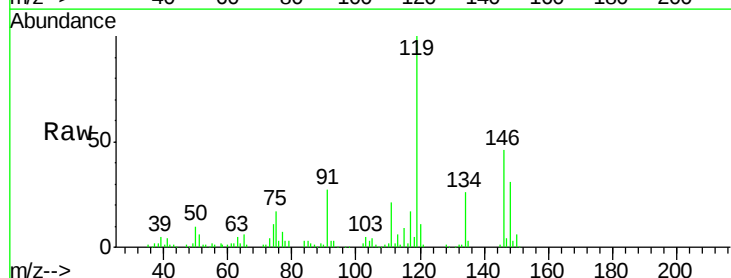
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

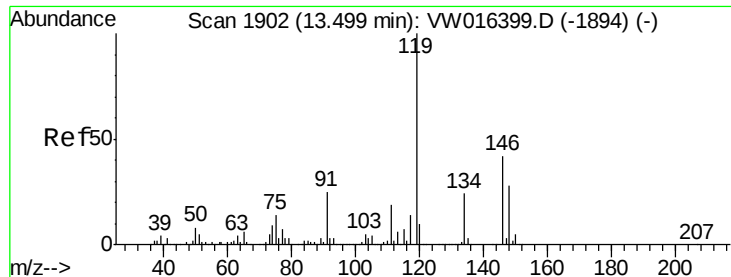
Tgt Ion:105 Resp: 49209
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 4.795 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion:119 Resp: 44774
 Ion Ratio Lower Upper
 119 100
 134 26.8 12.6 37.6
 91 25.6 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 5.240 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.01 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC005

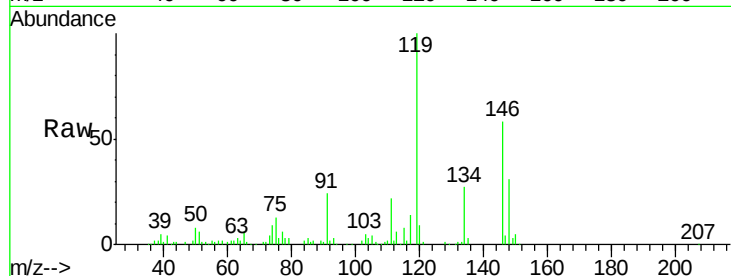
Tgt Ion:146 Resp: 23160

Ion Ratio Lower Upper

146 100

111 43.1 22.6 67.8

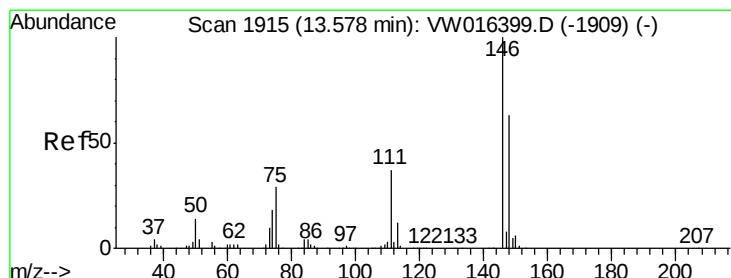
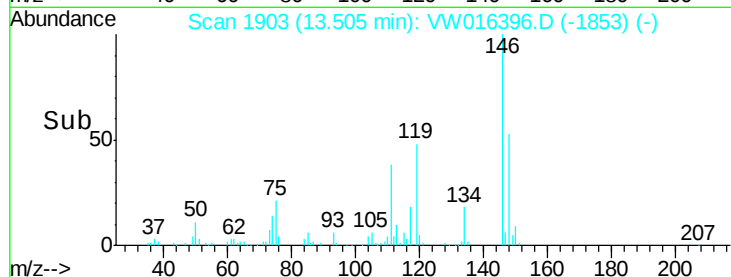
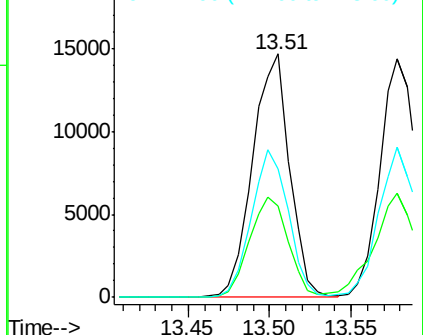
148 60.8 33.6 100.8



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



#88

1,4-Dichlorobenzene

Concen: 5.170 ug/l

RT: 13.58 min Scan# 1915

Delta R.T. -0.00 min

Lab File: VW016396.D

Acq: 28 Aug 2020 12:33

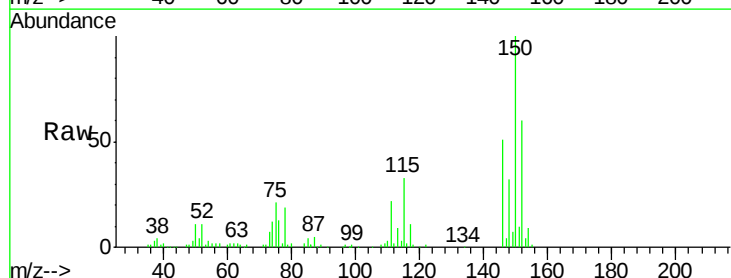
Tgt Ion:146 Resp: 22744

Ion Ratio Lower Upper

146 100

111 49.4 20.4 61.3

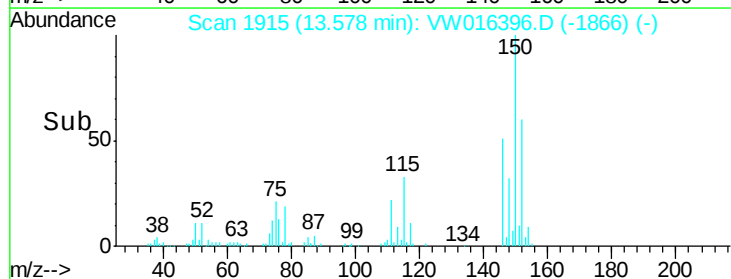
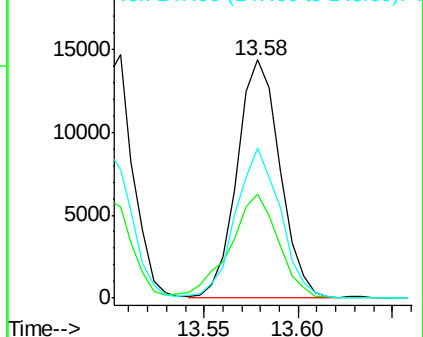
148 65.7 32.0 96.2

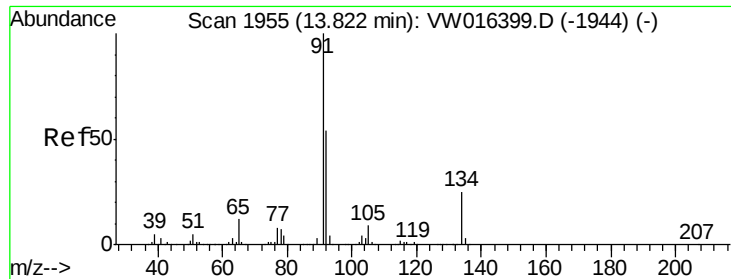


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

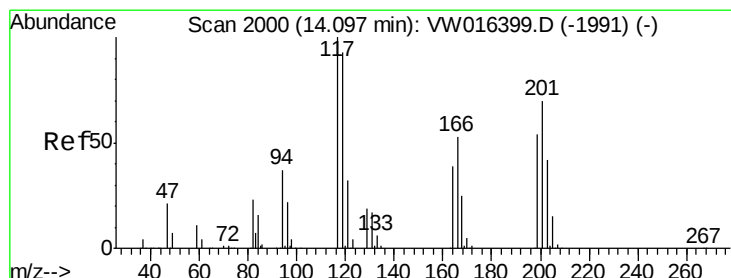
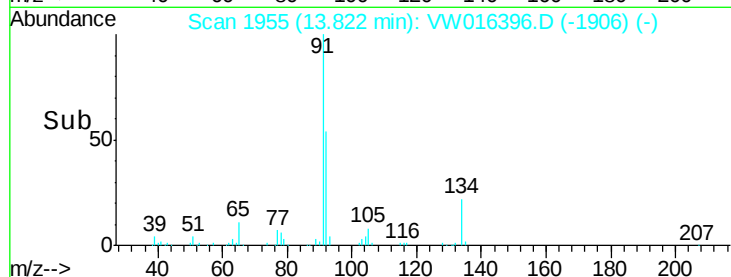
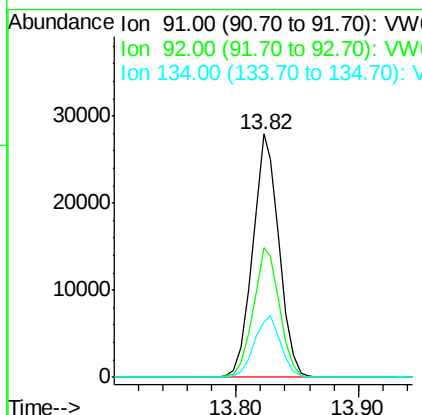
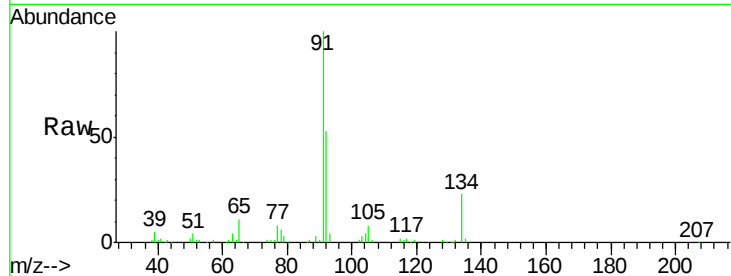




#89
n-Butylbenzene
Concen: 4.849 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

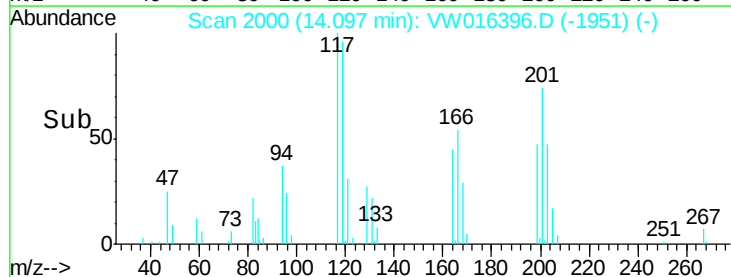
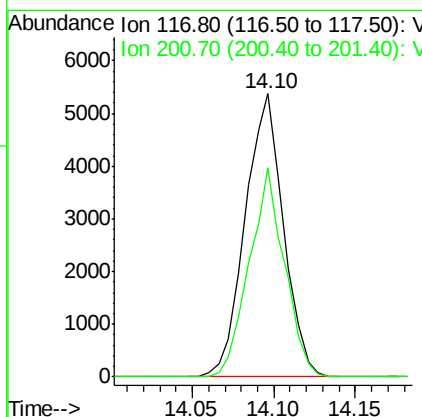
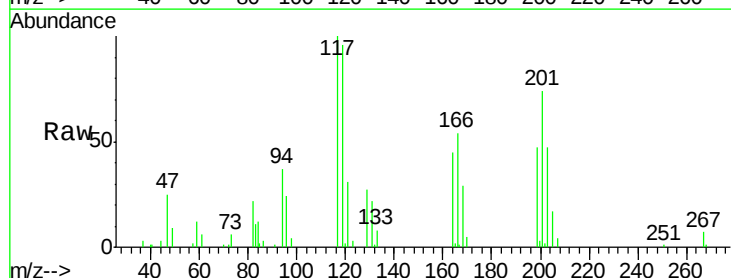
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

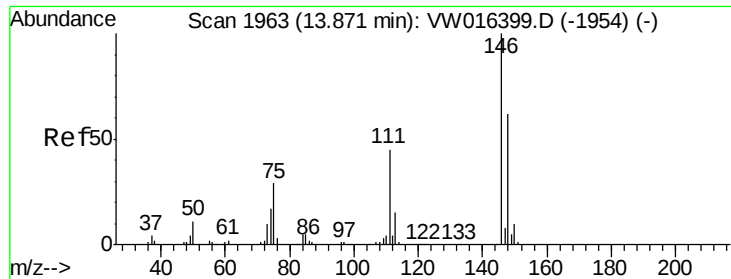
Tgt Ion: 91 Resp: 41685
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 25.5 13.2 39.6



#90
Hexachloroethane
Concen: 5.014 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion: 117 Resp: 8746
Ion Ratio Lower Upper
117 100
201 67.9 35.9 107.7

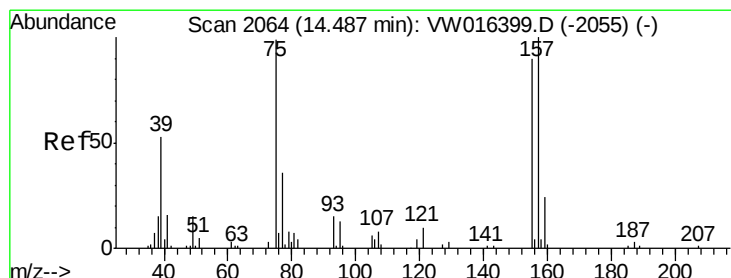
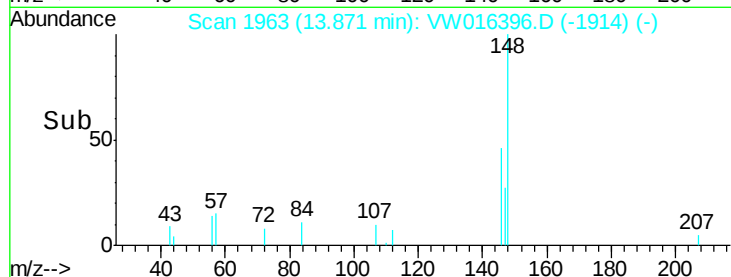
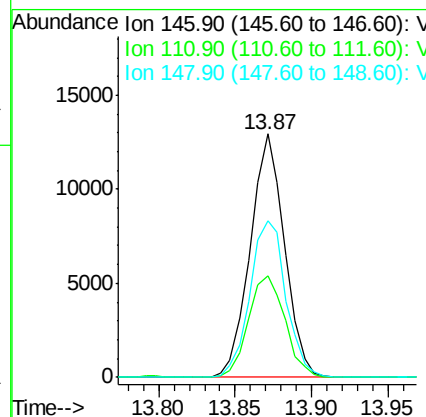
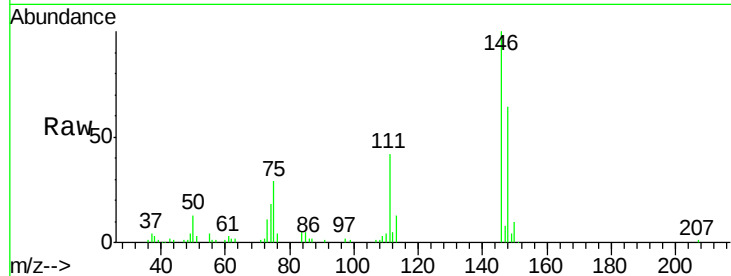




#91
 1,2-Dichlorobenzene
 Concen: 5.157 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

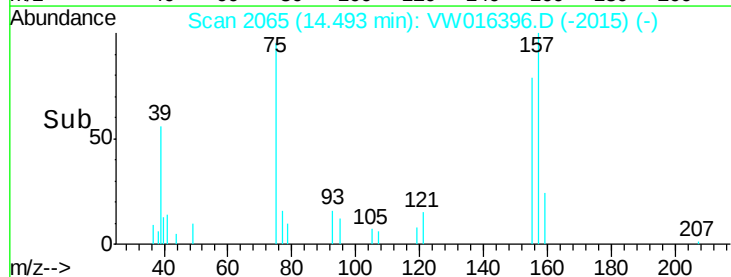
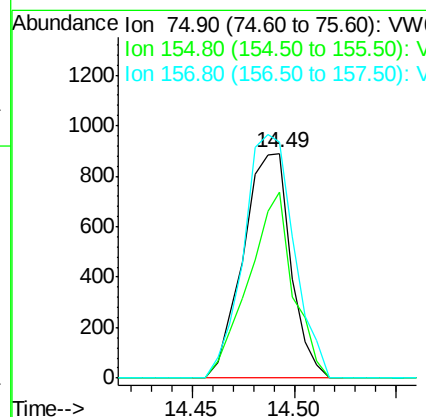
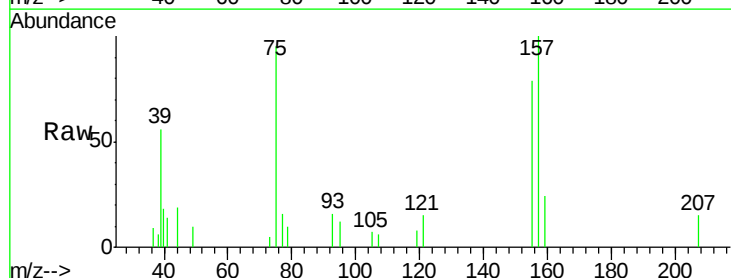
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

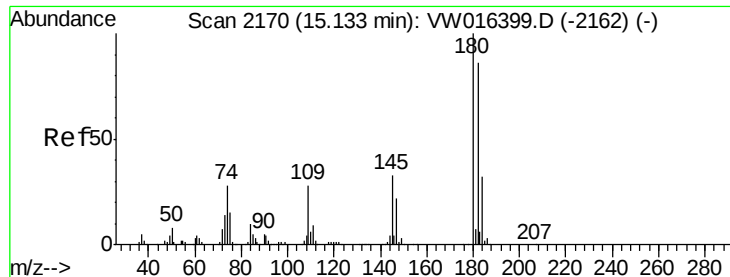
Tgt Ion: 146 Resp: 20095
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.3 66.8
 148 67.5 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.493 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion: 75 Resp: 1442
 Ion Ratio Lower Upper
 75 100
 155 77.7 41.4 124.4
 157 114.6 52.1 156.4

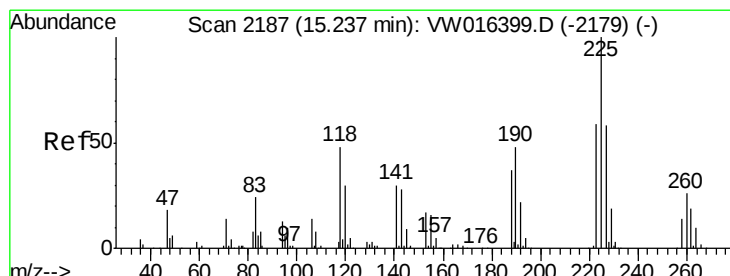
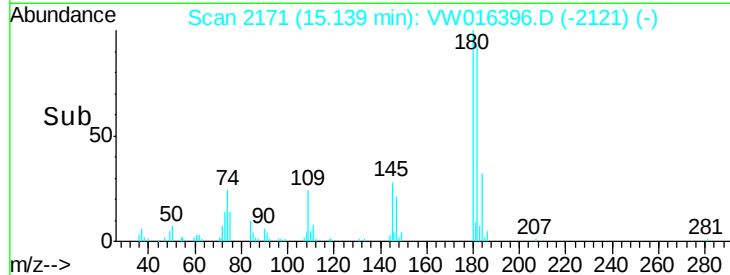
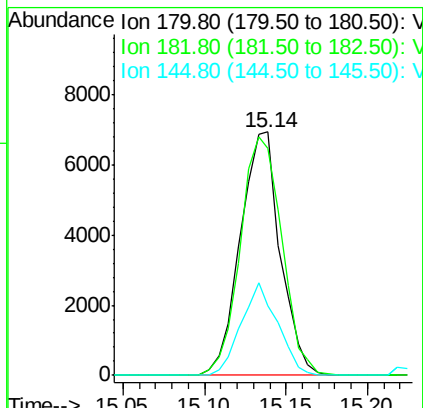
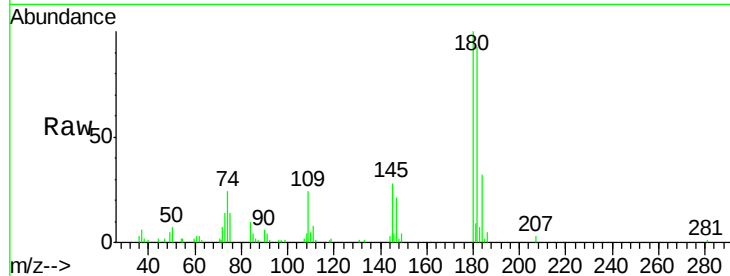




#93
 1,2,4-Trichlorobenzene
 Concen: 5.032 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

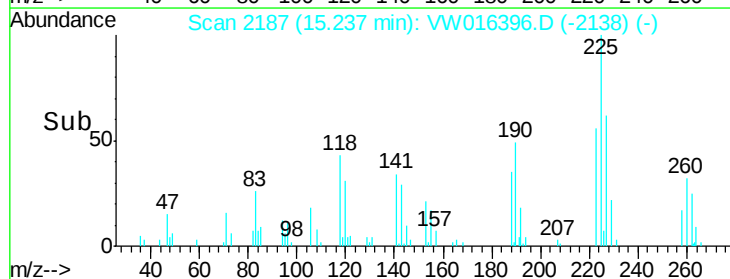
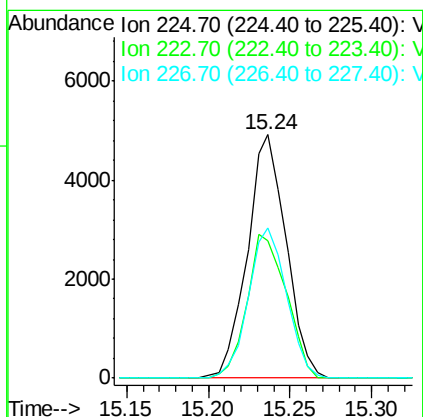
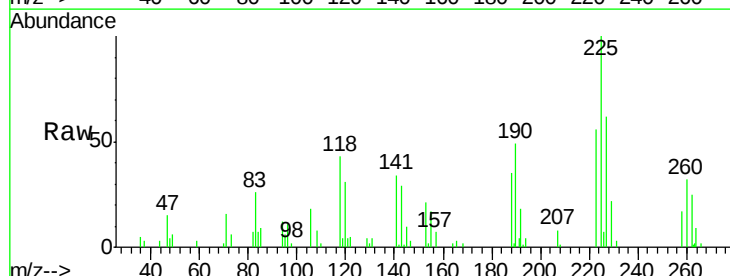
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

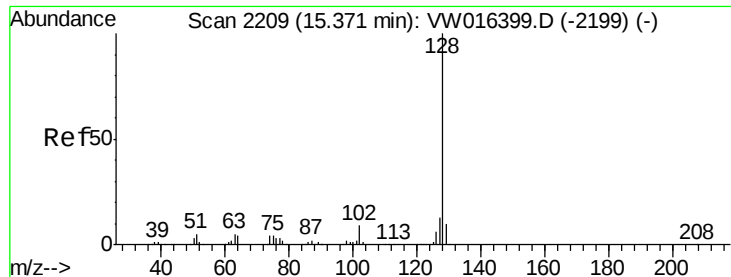
Tgt Ion:180 Resp: 11850
 Ion Ratio Lower Upper
 180 100
 182 102.0 44.9 134.7
 145 34.4 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 5.723 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW016396.D
 Acq: 28 Aug 2020 12:33

Tgt Ion:225 Resp: 8158
 Ion Ratio Lower Upper
 225 100
 223 59.8 30.5 91.5
 227 60.6 30.7 92.1

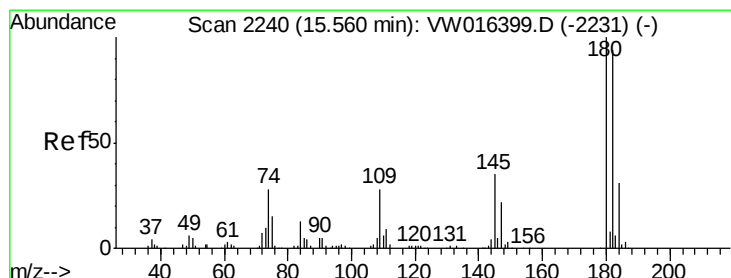
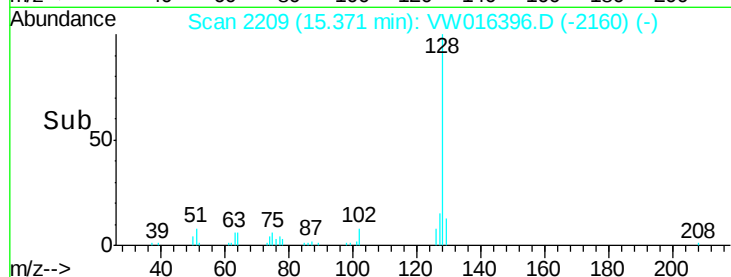
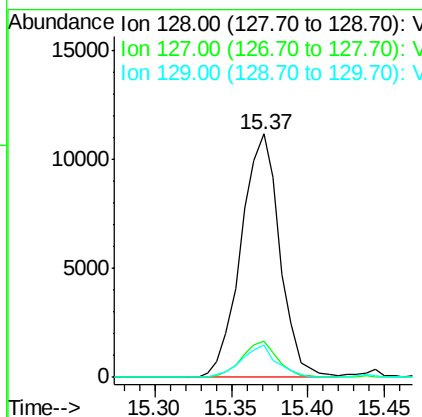
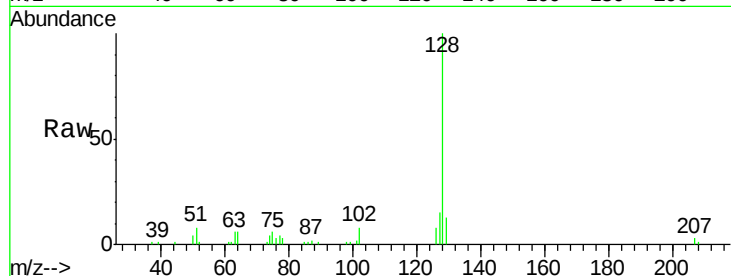




#95
Naphthalene
Concen: 4.571 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 19687
Ion Ratio Lower Upper
128 100
127 13.7 10.2 15.4
129 11.9 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 5.421 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW016396.D
Acq: 28 Aug 2020 12:33

Tgt Ion:180 Resp: 10947
Ion Ratio Lower Upper
180 100
182 95.2 46.5 139.5
145 35.7 18.1 54.3

